# **Cumberlands** and **Southern Ridge & Valley Ecoregion** Plan for Biodiversity Conservation **Final** Implementation Document December 200 NatureServe

#### **Cumberlands and Southern Ridge & Valley Ecoregion**

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## This document was produced in partnership with the following three conservation organizations:



The Nature Conservancy is a nonprofit organization with the mission to preserve plants, animals and natural communities that represent the diversity of life on earth by protecting the lands and waters they need to survive.



The Southern Appalachian Forest Coalition is a nonprofit organization united by the strength of seventeen conservation groups working together to preserve, protect and pass on the irreplaceable heritage of the region's National Forests and mountain landscapes.



NatureServe is a nonprofit conservation organization that provides the scientific information and tools needed to help guide effective conservation action. NatureServe and its network of natural heritage programs are the leading source for information about rare and endangered species and threatened ecosystems.

#### Also:



The Moriah Fund, a private foundation committed to perpetuating the philanthropic commitment of its founders, Robert and Clarence Efroymson, provided key financial support for this project.

### **Executive Summary**

The Cumberlands and Southern Ridge & Valley Ecoregion (CSRV) is one of the most biologically diverse and critically imperiled areas in the United States. Encompassing roughly 37 million acres, the ecoregion stretches over 500 miles through portions of 6 states (Alabama, Georgia, Kentucky, Tennessee, Virginia, & West Virginia). Due to its broad climactic range, varied topography, and unique geologic history, the CSRV is a global center for both freshwater aquatic species and subterranean biodiversity, and also contains some of the largest hardwood forest expanses remaining in the eastern U.S. Given increasing pressures on critical habitats, tremendous need exists for a comprehensive approach to conserve the ecoregion's most important biodiversity elements. As such, this plan details information about conservation measures necessary for sustaining the long-term biological integrity of the CSRV.

For this planning effort, a team of more than 100 staff and experts from a number of organizations, agencies, and academic institutions met over a period of 3 years to evaluate the ecoregion's most important conservation targets, establish goals for protection, and identify data gaps, threats, and key strategies. The assessment was led by The Nature Conservancy and the Southern Appalachian Forest Coalition, and depended upon scientific data gathered and maintained by NatureServe and the network of Natural Heritage programs in each state.

Overall, 544 conservation targets were selected as the basis for the plan, representing 364 animal and plant species and 180 natural plant communities and ecological systems. Furthermore, these conservation targets are represented by over 2,000 viable occurrences of species and communities. A portfolio of priority conservation areas was put together based upon numeric goals for protection of all viable occurrences, restoration of needed occurrences to meet protection goals, and for ecological systems such as aquatic stream types and caves. The final portfolio is made up of 434 conservation areas divided among 160 terrestrial, 102 aquatic, and 172 subterranean environments.

The terrestrial portion of the portfolio encompasses almost 7,797,855 acres (approximately 21% of the total area of the ecoregion including buffer regions). The estimated amount of watershed captured within aquatic conservation areas is nearly twice the terrestrial portfolio at about 16,596,277 acres. However, much of the aquatic portfolio extends beyond the boundaries of the ecoregion. Aquatic conservation areas strictly within the CSRV constitute 14,256,704 acres (~38% of the ecoregion). For caves, an estimated 5,005,862 acres of above-ground lands were delineated to protect subterranean resources in the CSRV (~13% of the ecoregion). Accounting for overlap, the aquatic, cave, and terrestrial portfolios comprise almost 20 million acres of lands and waters combined, for roughly 53% of the entire ecoregion.

A large portion of the CSRV Ecoregion is publicly owned. Approximately 16% of all conservation areas are managed by a variety of federal/state agencies or local governments. Almost 40% of the terrestrial portfolio is publicly owned. The largest public landowner is the U.S. Forest Service, which administers portions of 7 National Forests in the CSRV accounting for roughly 60% of all public landholdings. Other federal agencies managing lands include: the National Park Service, the Department of Defense, the U.S. Fish & Wildlife Service, the Department of Energy, and the Tennessee Valley Authority. State agencies account for approximately 32% of all public lands in the ecoregion. The remainder of the CSRV is privately held by individuals, corporations, and other interests.

The most critical threats to conservation targets in the CSRV were identified and evaluated on the basis of severity and scope across the ecoregional portfolio. Top threats include: incompatible forestry practices, residential development, agricultural practices, fire suppression, impoundments/stream modification, mining practices, incompatible recreation, industrial/municipal pollution, invasive exotic species, and oil & natural gas drilling. Strategies to abate these threats were organized into various profiles detailing potential benefits, feasibility, and relative cost. Major public landowners and key stakeholders are identified within these profiles. Also, various strategy action steps are provided as a guide for enacting conservation measures.

To assist with implementation, a smaller number of action sites were selected from conservation areas within the ecoregion. Determination of action sites occurred objectively with the assistance of a spreadsheet tool that evaluated the relative context of each area. A total of 44 conservation areas (29 terrestrial & 15 aquatic) were selected across a variety of geographic scales ranging from large multi-state matrix landscapes/watersheds to small functional sites. Though not specifically selected, 68 cave conservation areas are also captured within the boundaries of selected action sites. Overall, these sites represent the most important conservation areas across all states of the ecoregion, and should be given the highest priority for commitment of resources.

The CSRV Ecoregional Plan provides a conservation vision for the future and outlines necessary steps to ensure lasting protection of biological diversity. However, completion of this plan is merely the first stage of a long-term, iterative planning effort. Any success in implementing this plan will require scores of dedicated conservationists working across state lines within many organizations. Partnerships, public support, and funding are key elements to the realization of this vision.

## **Acknowledgements**

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#### **ACCOMPANYING CD ON BACK COVER**

#### INTRODUCTION

## Conservation of the Cumberlands and Southern Ridge & Valley Ecoregion



From 1999 through late 2001, staff from The Nature Conservancy and Natural Heritage programs in six states (AL, GA, TN, KY, VA, and WV), as well as staff from the Southern Appalachian Forest Coalition Conservancy's and the Southeast Conservation Science Office, worked to develop a comprehensive biodiversity conservation plan for the Cumberlands and Southern Ridge & Valley Ecoregion The overarching goal of this (CSRV). project was to identify a suite of significant conservation areas that if collectively conserved through a range of strategies, would ensure the long-term survival of the animals, plants, natural plant communities, and ecological systems of the ecoregion. This report and the enclosed CD constitute the latest products of this planning effort.

#### **Biodiversity Significance of the CSRV**

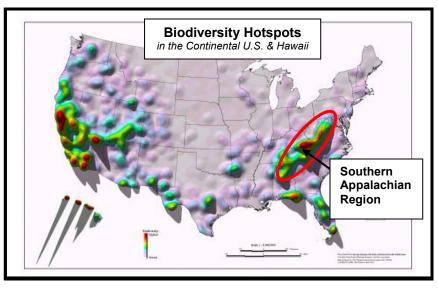
A recent assessment of 20,892 species by The Nature Conservancy and NatureServe

(formerly known as the Association for Biodiversity Information) revealed that almost one-third of the native flora and fauna of the United States appear to be of serious conservation concern. As well, at least 500 plants and animals are believed to be either extinct or missing nationwide (Stein et al. 2000).

Furthermore, the joint study showed that much of the biological diversity of the United States is found within only a few sections of the country. Based upon a rarity-weighted index of species richness, six areas were identified as national 'hotspots' of biodiversity. The CSRV is located within the Southern Appalachian biodiversity 'hotspot', and is considered to be one of the most biologically important ecoregions in the United States **see Map 1**. Currently, 186 imperiled species are found in the CSRV, which is more than any other ecoregion in the country.

## Regional Context of the CSRV in the Southern Appalachians

The Southern Appalachian region is believed to support the most biologically rich temperate forest system in the world. Many estimates state there are at least 3,000 species of plants native to the area, including some 150 tree species (Irwin et al. 2001). A tremendous array of animals and other species have also been documented. With such diversity, the World Wildlife Fund



Map 1

deemed the greater Southern Appalachian region as one of 238 global regions of biological importance (World Wildlife Fund 2000).



Many of the imperiled species of the CSRV depend upon the larger forest ecosystem for their survival. However, the temperate the broadleaf forests of Southern Appalachians are among the threatened terrestrial major habitat types. By some accounts, temperate forests have had over 93% of their total area disturbed worldwide (Hannah et al. 1995).

Similarly, the Southern Appalachians have undergone many human-induced changes over the past few centuries. Forests throughout the region have been heavily worked since the arrival of European settlers. Historically, many large tracts of forestland were cleared for agriculture, home sites, industry, and other uses. Very few areas escaped some logging. By the early 1900's, many streams were choked with sediment eroded from clearcuts (Wear and Greis 2002).

Introductions of exotic pests have also taken a heavy toll on Southern Appalachian forests. In the early part of the 20<sup>th</sup> century, a fungal blight introduced from Asia virtually eliminated the American chestnut tree from the eastern United States. The chestnut reigned supreme in the Southern Appalachians as a dominant canopy tree and as a valuable source of lumber and food for wildlife. By some estimates, the American chestnut comprised at least 40 -

45% of the total canopy cover of pre-blight forests of the Southern Appalachians (Vandermast 2002). Loss of this single species greatly altered the dynamics of the Southern Appalachian forest ecosystem (Schlarbaum et al. 1997; Schlarbaum 1989).

More recently, outbreaks of new exotic pests have emerged such as: dogwood anthracnose, beech bark disease, gypsy moth, and hemlock wooly adelgid (Liebhold 1995; Grant 1999). As well, native pests such as the southern pine beetle have devastated both natural and planted stands of pine. The contributing effects of air pollution, particularly low-level ozone accumulation and acid rain deposition have been linked to these outbreaks and to the general decline of forest health across the region (Southern Appalachian Man and the Biosphere 1996; Adams et al. 2000).

#### **Current Status of the CSRV**

Today, Southern Appalachian forests have rebounded from the legacies of the past, but are still adapting to and recovering from current pressures. In the CSRV Ecoregion, many large tracts of intact hardwood forest remain. However, incompatible forest-use practices and other forest-conversion activities continue. Recent assessments have stated that native forests in some areas of the ecoregion are declining.



**American Chestnut** 

Forests within portions of the Cumberland Plateau section of the CSRV have undergone a 14% reduction in total area over roughly the past 20 years (Evans et al. 2002). Similarly, the Southern Ridge & Valley is projected to have an additional loss of 7% or more of total forestland area through 2040 (Wear and Greis, 2002). Most of these losses in native forest cover can be attributed to conversion to industrial pine plantations, agricultural expansion of pasture and croplands, and urban sprawl.

Though the Southern Appalachian forest ecosystem is resilient, continued destruction and degradation of forest habitat is likely to have profound negative effects on biodiversity. Human activities such as: dam and road construction, mining, poor agricultural and forestry practices, urban and residential development, oil and natural gas drilling, introduction of exotics, industrial pollution, and fire suppression have greatly diminished the health of species and ecological communities across the region.

Without sufficient conservation planning and appropriate action, many imperiled species will likely continue to decline. The CSRV Ecoregional Plan is intended as a comprehensive conservation "blueprint" to help stop the trend toward widespread dissolution of species and their habitats.

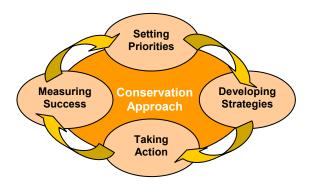
## Developing a Plan for Biodiversity Conservation

The Nature Conservancy (TNC) employs an integrated, four-part conservation approach to achieve its goals for biodiversity protection **see Figure 1**. The four parts of the conservation approach involve:

- Setting priorities through ecoregional planning;
- Developing strategies to conserve both single and multiple conservation areas;
- Taking direct conservation action; and
- Measuring conservation success.

As the first step in the conservation approach, the Conservancy identifies suites

Figure 1. The Nature Conservancy's Conservation Approach



of conservation areas within and across ecoregions **see Box 1 and Map 2.** These areas represent an inclusive array of sites for biodiversity conservation chosen by many different organizations, state and federal agencies, academic institutions, and other partners at scales from small, individual tracts to regional landscapes. TNC's vision is to conserve entire portfolios of functional conservation areas within and across ecoregions in order to protect the full array of ecological systems and viable native species that are represented (The Nature Conservancy 2001).

Developing portfolios of conservation areas for ecoregions is complex, iterative and

## **Box 1. The Nature Conservancy's Ecoregions**

- An ecoregion is a relatively large geographic unit of land and water defined by its climate, vegetation, geology, and other ecological and environmental patterns.
- TNC Ecoregions are modified from the work of Robert Bailey, U.S. Forest Service. Currently, there are 69 ecoregions in the contiguous 48 states, with 11 ecoregions in Alaska and 1 in Hawaii.

Map 2. TNC's United States Ecoregions (2000)



- 1 Pacific Northwest Coast
- 2 Puget Trough-Willamette Valley-Georgia Basin
- 3 North Cascades
- 4 Modoc Plateau & East Cascades
- 5 Klamath Mountains
- 6 Columbia Plateau
- 7 Canadian Rocky Mountains
- 8 Middle Rockies-Blue Mountains
- 9 Utah-Wyoming Rocky Mtns.
- 10 Wyoming Basins
- 11 Great Basin
- 12 Sierra Nevada
- 13 Great Central Valley
- 14 California North Coast
- 15 California Central Coast
- 16 California South Coast 17 Mojave Desert
- 18 Utah High Plateaus
- 19 Colorado Plateau
- 20 Southern Rocky Mountains
- 21 Arizona-New Mexico Mtns.
- 22 Apache Highlands

- 23 Sonora Desert
- 24 Chihuahua Desert
- 25 Black Hills
- 26 Northern Great Plains Steppe
- 27 Central Shortgrass Prairie
- 28 Southern Shortgrass Prairie
- 29 Edwards Plateau
- 30 Tamaulipan Thornscrub
- 31 Gulf Coast Prairies and Marshes 52 Piedmont
- 32 Crosstimbers and Southern Tallgrass Prairie
- 33 Central Mixed-Grass Prairie 34 Dakota Mixed-Grass Prairie
- 35 Northern Tallgrass Prairie
- 36 Central Tallgrass Prairie 37 Osage Plains/Flint Hills Prairie
- 38 Ozarks
- 39 Ouachita Mountains
- 40 Upper West Gulf Coastal Plain
- 41 West Gulf Coastal Plain
- 42 Mississippi River Alluvial Plain 43 Upper East Gulf Coastal Plain
- 44 Interior Low Plateau

- 45 North Central Tillplain
- 46 Prairie-Forest Border
- 47 Superior Mixed Forest
- 48 Great Lakes
- 49 Western Allegheny Plateau
- 50 Cumberlands and Southern Ridge & Valley
- 51 Southern Blue Ridge
- 53 East Gulf Coastal Plain
- 54 Tropical Florida
- 55 Florida Peninsula 56 South Atlantic Coastal Plain
- 57 Mid-Atlantic Coastal Plain
- 58 Chesapeake Bay Lowlands
- 59 Central Appalachian Forest 60 High Allegheny Plateau
- 61 Lower New England/
- Northern Piedmont
- 62 North Atlantic Coast 63 Northern Appalachian-

64 St. Lawrence-Champlain Valley

Boreal Forest

- 65 Hawaiian High Islands
- 66 Aspen Parkland
- 67 Fescue-Mixed Grass Pr.
- 68 Okanagan
- 69 Alaska Coastal Forest and Mountains
- 70 Gulf of Alaska Mtns.
- and Fjordlands 71 Cook Inlet Basin
- 72 Alaska Peninsula
- 73 Bering Sea and Aleutian Islands
- 74 Bristol Bay Basin
- 75 Beringian Tundra
- 76 Alaska Range
- 77 Interior Alaska Taiga
- 78 Yukon Plateau and Flats
- 79 Brooks Range Tundra Coastal Plain
- 80 Northern Gulf of Mexico
- 81 West Cascades

involves five basic steps:

- Identifying the species, ecological communities and natural systems that will be the targets for planning efforts within the ecoregion;
- Setting specific goals for the number and distribution of each conservation target within the ecoregion;
- Compiling tabular, spatial, and expert data on the location and quality of conservation targets;
- Designing a network of conservation areas to best meet target goals; and
- Developing a preliminary plan of implementation for the ecoregion that includes threats, priorities, strategies, and potential partners to conserve portfolio areas.

Ecoregional plans not only identify priority areas for biodiversity conservation but also detailed information to help provide conservation practitioners develop the most effective, highest leverage approaches for conservation at both single and multiple sites. Essential components of ecoregionbased conservation are implementing strategies to reduce or eliminate threats to biodiversity and engaging the entire conservation community to work at these important places. To assist with the decision-making aspect of strategy implementation, conservation areas are evaluated for their relative complementarity, leverage, conservation value, threats, and feasibility of threat abatement.

Initiating conservation action involves a spectrum of strategies broad acquisition of land and conservation easements to influencing public policy to environmental education and outreach. The conservation blueprint is larger than the work of any one organization or agency. Taking action may mean engaging multiple layers of partners from the local community to public agencies or even national politicians. Yet, community-based conservation is a core principal for enacting most strategies.

TNC defines conservation success as the long-term abatement of critical threats and the sustained maintenance or enhancement of biodiversity health of conservation targets. Therefore, it is essential to regularly measure both these elements for all conservation areas identified via ecoregional planning.

To measure threat abatement, a list of stresses and sources of stresses to conservation targets at each conservation area in the portfolio is compiled and ranked every few years into categories of very high, high, medium or low. For biodiversity health, the size, condition and landscape context of focal targets at a site are evaluated as being very good, good, fair or poor. TNC has published specific guidelines for developing these rankings and other standards for determining progress for completion of an ecoregional plan (The Nature Conservancy 2000).

Success measures are the final part of the approach. conservation In general, measuring success is important in order to hold the conservation community accountable for results, which come from both the direct contributions of the Conservancy and partners. These measures should be applied across the full portfolio of conservation areas in each ecoregion. In many ways, these portfolios represent the bare minimum needed to sustain biodiversity for the long-term. Many of these areas are disappearing at astounding rates. When properly applied, success measures become tools for gauging our collective achievements, rather than mere statistics prepared to document the ebb and flow of species and communities.

#### Organization of the Document

The chapters in this document reflect different components of conservation planning and strategy development for the CSRV Ecoregion. The following gives an overview of each chapter:

Chapter 1, "Understanding the Ecoregion", gives an overview of the Cumberlands and Southern Ridge & Valley Ecoregion from geologic, ecological, and human contexts. The focus of this chapter is to provide a sense of the formative factors that define the ecoregion.

2. "Identifying Conservation Chapter Priorities". discusses kev ecological concepts applied in this plan, and outlines the major steps in the conservation planning process for assessing terrestrial, aquatic, and cave areas. The chapter also addresses data gaps and assumptions about the design of the conservation blueprint.

Chapter 3, "The Conservation Blueprint", describes the priority areas identified in the conservation plan, including number and distribution of areas across the ecoregion, completion of target goals, threats to conservation areas, and opportunities for taking conservation action. The chapter also describes a select number of strategies, and suggests next steps for conservation action.

In addition to the chapters in the main text, the document also contains a glossary of terms, references, and several appendices with maps and tables. Also, a CD is included that contains all the information from this document with additional technical information.

## Using This Document as a Conservation Resource

In conducting this assessment, the Conservancy hopes that a wide range of conservation groups and agencies will use the findings in this plan to further the protection of biodiversity in the ecoregion. Data available through this plan can be used as a tool to aid conservation decision-making and priority setting. The suggested strategies in the text are only a short list of needed conservation actions. We anticipate that conservation practitioners will use the enclosed data to draw further conclusions

about conservation needs in the ecoregion. The identified priority conservation areas reflect the best available knowledge as of 2000, but may be modified over time as more is learned about conservation targets, goals, and viability, and as conservation urgency changes.

The planning team made this plan and accompanying data available in a digital format so that conservation practitioners could easily find, edit, and use all of the information for any non-commercial purpose.<sup>1</sup>

The basic organization of data on the enclosed CD is as follows:

- Read-me-first file
- Main document
- Spatial data (GIS project files in ArcView v. 3)
- Tabular data
- Maps
- Technical team data
- Logos

All text files are provided in Adobe Acrobat (\*.pdf) files. All tabular information is in Microsoft Excel 97 format, with some data in Access 2000. When needed, tables are accompanied by .pdf or .doc files that provide keys to the tables. Maps from the document can be printed in B- and E-sized images from Adobe Acrobat. Also, a seamless poster sized map of conservation areas and other maps is contained within the maps folder. As these images are preformatted, they may be used, distributed, and/or published without modification. Reproductions of various maps, figures, and other images may be produced as

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#### **CHAPTER 1**

## Understanding the Ecoregion



The CSRV Ecoregion is a highly variable landscape with a complex geologic history. Stretching over 500 miles from northern Alabama to southern West Virginia, the ecoregion encompasses approximately 37 million acres in portions of six states. Overall, the CSRV is bordered by six other ecoregions: the Interior Low Plateau, the Western Allegheny Plateau, the Central Appalachian Forest, the Southern Blue Ridge, the Piedmont, and the Upper East Gulf Coastal Plain see Map 3.

As well, the CSRV contains the headwaters to a number of important waterways in the United States and drains portions of 3 major river basins: the Ohio, South Atlantic Gulf, and Tennessee **see Map 4**. Several major river systems in each of these basins are considered to be among the most ecologically important in the country: Cumberland, Mobile, and Tennessee.

An extreme physiographic divide exists between the Cumberlands and the Southern Ridge & Valley portions of the ecoregion. The Cumberlands section is composed of a high plateau and low mountains, which represent the western-most extension of the Southern Appalachian mountain chain. In contrast, the Southern Ridge & Valley (SRV) is characterized by a series of narrow valleys bounded by high ridges. Primarily, the topography of the SRV separates the Cumberlands from the higher elevations of the Southern Blue Ridge Ecoregion to the east.

#### Subregions of the CSRV

Overall, the CSRV has five distinct subregions, each with its own ecological and geological characteristics **see Map 5**.

The subregions depicted in this report were adapted from the U.S. Forest Service's ecological subregion map of the eastern United States (Keys et al. 1995). Descriptions are as follows:

#### **Cumberland Mountains**

The Cumberland Mountains stretch from the southern part of West Virginia, Kentucky, Virginia, and into Tennessee. The area consists of extremely rugged, mountainous terrain, ranging from approximately 570 to over 4,400 feet in elevation. The CM subregion drains headwaters from both the Ohio and the Tennessee River basins. Vast coal deposits are found throughout much of the area. Forests are dominated by oak and other mixed mesophytic forest types (Smalley 1984).

#### Northern Cumberland Plateau

The NCP subregion occurs solely within Kentucky and Tennessee, and ends near the Tennessee border with Alabama and Georgia. The landscape is characterized by an uplifted area of tablelands and open low mountains that range from approximately 500 to 3,000 feet in elevation. Like the Cumberland Mountains, the NCP subregion drains into the Ohio and Tennessee River basins. Most of the major river drainages have eroded into deep gorges. In places, these gorges descend almost 600 feet in elevation. The most prominent gorge is the 70-mile long Sequatchie River Valley. Vegetation is dominated by oak and mixed mesophytic forest types, but also contains much mixed pine-oak forest (Smalley 1988, 1982).

#### Southern Cumberland Plateau

The SCP subregion is located primarily in northern Alabama, with small portions in

Map 3. Ecoregions Adjoining the CSRV Central Tallgrass North Central Tillplain Prairie Western Allegheny Plateau Central Appalachian Forest Interior Low Plateau Cumberlands and Southern Ridge and Valley Southern Blue Ridge Piedmont Upper East Gulf Coastal Plain Mid-Atlantic Coastal Plain South Atlantic Coastal Plain Atlantic Ocean East Gulf Coastal Plain The Nature Conservancy 50 50 Miles MAP PRODUCED 12/03 BY THE TENNESSEE CHAPTER OF THE NATURE CONSERVANCY Scale = 1:4500000

Map 4. Major River Basins and EDUs of the CSRV Ecoregion 50 Miles Scale = 1:4000000 20 1 CSRV Ecoregion CSRV EDU Major River Basin Che Nature Servancy, sown the List General conservance on Lost General Conservancy who produced the first fine fine wither conservancy

Map 5. CSRV Subregions 50 0 50 Miles Scale 1:3,484,800 or 1 inch = 55 miles Northern Ridge and Valley | Subregion Boundary | Subregion Boundary | Subregion, in Feet: | Soft | Conservancy. Serven MAP PRODUCED 12/03 BY THE TENNESSEE CHAPTER OF THE NATURE CONSERVANCY Georgia and Tennessee. The area represents the southern terminus of the Cumberland Plateau and is characterized by open high hills and tablelands of considerable relief. Elevations range from 160 to 2,300 feet across the area. prominent delineating feature for the SCP is the Tennessee River Gorge, which cuts through a gap in the Cumberland Plateau escarpment and divides the subregion. Remaining portions of the SCP drain into the South Atlantic Gulf. Mixed forests of oak-hickory-pine dominate the vegetation. with other pine forest types prevalent further south (Smalley 1979).

Southern Ridge & Valley (Northern Section) The northern section of the SRV runs from southwestern Virginia to the Tennessee-Georgia border. The area is characterized by a series of parallel, southwest to northeast-trending, narrow valleys and high ridges. Elevations range from approximately 630 to over 4,600 feet. The highest point in the CSRV Ecoregion (4,619 feet) is located in Virginia within the northern section of the SRV. The Tennessee is the primary river basin contained within the subregion. Forests are dominated by oak-hickory-pine forest types with some mesic northern hardwoods (Martin 1989).

Southern Ridge & Valley (Southern Section)
The southern section of the SRV occurs primarily in Georgia and Alabama with a very small segment in Tennessee. Like the northern section, the topography consists of an uplifted belt of parallel valleys and ridges. However, much of the area also



spill into the adjoining Piedmont and Upper East Gulf Coastal Plain Ecoregions. Elevations range from approximately 220 to over 2,300 feet. Most of the subregion drains into the South Atlantic Gulf. Oakhickory-pine mixed forests and other southern mixed forest types dominate the vegetation (Martin 1989; DeSelm 1984).

#### **Geologic Context**

The CSRV Ecoregion was formed during the latter periods of the Paleozoic era approximately 245 to 323 million years ago. During this time, the main spine of the Southern Appalachian Mountains was uplifted from a continental collision between present-day Africa and North America. Known as the Allegheny Orogeny, this was the last mountain-building event in eastern North America (Manning 1992).

The Allegheny Orogeny actually sent a repeated cycle of pulses over several million years that pushed from the southeast to the northwest. Mountain building occurred on the eastern front of the pulses, followed by erosion and deposition of rock on the western side. Rivers flowing from the higher mountains of the east drained westward into the remnants of a large, inland sea that covered the present day location of the CSRV ecoregion. Sediments from the rivers filled much of the sea to form a large delta (Minkin 1977).

Previously, millions of years of advance and recession of the inland sea had laid thick deposits of marine sediments. Erosion of sand and gravel from the newly uplifted Southern Appalachian Mountains slowly covered these marine deposits. Eventually, the accumulated weight of the sand and gravel consolidated into a thick rock layer known as Pennsylvania sandstone. Later pulses from the Allegheny Orogeny fractured and folded this layer of sandstone. Meanwhile, other sediments continued to fill the delta (Wilson 1956).

Over time, secondary episodes of uplifting combined with other geologic phenomena

pushed the rock layers of the delta thousands of feet above sea level. Erosion eventually wore down these newly formed mountains and exposed the underlying Pennsylvania sandstone. The sandstone formed a protective cap, which prevented subsequent erosion. However, in areas where water was able to work through exposed cracks, the softer, underlying limestone formed from the marine deposits was dissolved. Through the ages, the effects of flowing water through these fissures carved deep gorges and valleys into the landscape (Miller 1974).

The CSRV Ecoregion is delimited by the differential weathering of Pennsylvania sandstone. In the Cumberland Plateau, the sandstone formed a broad tableland 30 to 50 miles wide, which has remained largely intact except for deep gorges carved along major river channels. The Cumberland Mountains were uplifted later from the plateau by various overthrust events, which led to erosion of the sandstone into more typical mountain terrain. To the east in the



Southern Ridge & Valley province, the protective layer of sandstone was limited to a series of narrow bands. As a result, erosion washed away much of the rock between the protected bands to form the current pattern of parallel valleys bounded by high ridges (Fullerton 1977).

The geologic history of the CSRV Ecoregion has resulted in a varied landscape with a number of unique landforms. The highest waterfall and the largest stone arches in the eastern United States are found in the Cumberlands. Likewise, thousands of caves underlie much of the CSRV, including the two largest cave chambers in the East. Overall, the complex geology has created a number of distinct environments that today support a tremendous array of life.

#### **Ecological Context**

The high biological diversity of the CSRV ecoregion can be attributed to a number of reasons. Geology played a large role in forming much of the ecological foundation of the area's biodiversity, while other related factors also contributed to the richness of the flora and fauna. Principally, most of the CSRV escaped glaciation during the Pleistocene Epoch. Only the extreme northern portions of the ecoregion were covered by glaciers. The north-south orientation of the mountains and valleys allowed species to migrate southward ahead of the advancing ice sheets. As glaciers retreated, species were able to advance northward again (Delcourt & Delcourt, 1987; Bonnicker 2000). Ultimately, the CSRV became a migratory crossroads of northern and southern species.

As well, the CSRV lies within temperate latitudes, which has helped to provide a relatively mild climate with favorable growing conditions. Average temperatures across the ecoregion vary from 55° to 62° F in the south and 39° to 57° F in the north. Likewise, the growing season extends for approximately 175 days in the north and 210 days in the south. Annual mean rainfall ranges from 35 to 55 inches across the

ecoregion, but may reach as high as 60 inches per year in higher elevations (McNab and Avers 1995).

Similarly, the physical parameters of the CSRV are extremely variable. Elevations vary from a minimum of only 160 feet above sea level to over 4,600 feet. While local relief is much less, the general range of gradients across the ecoregion has resulted in a multitude of habitats for species and natural plant communities. Major habitats can range from broad river floodplains to small, ephemeral streams, high mountains to deep gorges, and dry barrens to mesic forests. The diversity of smaller habitat types is equally varied.

As well, the maintenance of many of these habitats is dependent upon natural disturbances such as fire, wind, flooding, ice storms, and insect cycles. Ecologically, these natural disturbances have played a large role in determining many of the intricate landscape patterns that characterize the ecoregion both spatially and temporally.

Human activities have greatly disrupted these natural processes. Likewise, other actions have directly destroyed or degraded many species, plant communities, and ecological systems. As such, a number of species in the CSRV are now considered to be globally rare. Many are endemic or are mostly limited to the ecoregion. Overall, 248 species and sub-species are federally listed by the U.S. Fish & Wildlife Service as endangered, threatened, or candidates.

Three groups represent the majority of the imperiled species diversity of the CSRV Ecoregion: 1) aquatic fauna, 2) cave invertebrates, and 3) plants. In particular, fish, mussels, and cave obligate insects are particularly important in regard to endemism and rarity.

#### Aquatic Fauna

The aquatic freshwater faunal assemblage found in the CSRV is unmatched in terms of



the overall diversity and richness of species found. The three major river basins that constitute the ecoregion include 18 of the top 20 watersheds in the country for total numbers of vulnerable or imperiled species. In fact, the CSRV contains the number one watershed in the country, the Clinch River, which has 48 imperiled fish and mussel species, including 21 that are federally listed as endangered or threatened (Stein et al. 2000).

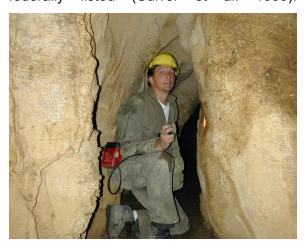
Collectively, the Tennessee and Cumberland Rivers contain the most diverse collection of freshwater animal species in the country, and may possibly represent the most diverse temperate world freshwater assemblage in the (Starnes & Etnier 1986). Both these river systems originate largely from the uplands of the CSRV and the Southern Blue Ridge Ecoregions. When tallied with the Mobile River system, the combined watersheds contain 35% of all vulnerable fish and mussel species in the United States. Seventy percent of these species are endemic (Master et al. 1998). Furthermore, new species of fish continue to be discovered in this area despite fairly extensive historical surveys of the region's fauna (Etnier & Starnes 1993).

However, threats to aquatic resources within the CSRV Ecoregion are many. The Tennessee and Cumberland River systems have been impacted by virtually every category of threat facing flowing water systems (World Wildlife Fund 1999). Likewise, the Mobile River system has suffered many declines to species and aquatic communities. Several noted species have been extirpated from all of these rivers.

#### Cave Invertebrates

Water has also played a crucial role in the development of other life forms within the CSRV Ecoregion. Millions of years of erosion have carved literally thousands of subterranean caverns. Many of these caves harbor invertebrates such as beetles, crayfish, isopods, spiders and other animals. Often these creatures live in extremely secluded environments and depend upon bizarre adaptations to live in the dark.

Known terrestrial and aquatic cave-obligate species (troglobites and stygobites) represent more than 50% of the imperiled species tracked in the United States. However, less than 4% of these species are federally listed (Culver et al. 1999).





Furthermore, many organisms within these groups are yet to be described by science (Culver et al. 2000).

The CSRV Ecoregion is considered to be a global center for cave invertebrate diversity. In particular, the Cumberland Plateau region has one of the largest concentrations of caves and cave species in the United States (Culver et al. 1999). One county in the Southern Cumberland Plateau subregion (Jackson County, Alabama) has over 1,500 known caves (Moss 1998). Relatively few of these have been sufficiently surveyed for life. Other subregions of the CSRV are less prolific in terms of numbers of caves but contain very significant populations of cave obligate species. New caves and new species are being discovered each year.

Unfortunately, animals that are dependent upon cave habitats are one of the most ecologically vulnerable groups due to their limited numbers, reliance upon isolated, niche environments, and sensitivity to changes in micro-climactic conditions. Caves are threatened by numerous human activities, which often transpire far above ground. Threats to caves include: direct destruction of habitats and species, contamination of surface and groundwater, air pollution, and many others.

As well, the effects of specific threats vary by the type of cave, its surroundings, and the kinds of organisms found there. Many vertebrate species such as bats, woodrats, and salamanders often inhabit caves on a seasonal basis and play a crucial role in nutrient cycling. Many of these species are also rare. Declines in their populations often have negative effects on the populations of cave obligate invertebrates. Scientists are just now beginning to unravel the complicated ecological networks formed within caves. Various cave classification systems have been proposed, but for only specific karst areas. Much scientific work remains to be done to ensure conservation of these unique environments.



#### Plants

Plants also constitute an important group of organisms in the CSRV Ecoregion. As a whole, the Southern Appalachians have long been known to harbor an exceptionally rich flora compared to other temperate. hardwood regions of the world. Many of the plant families found in the region represent ancient lineages that occur in few other places on earth (Stein et al. 2000). Due to the broad cross-section of terrain and climate, the CSRV captures much of the overall flora of the Southern Appalachians (app. 3,000 species).

Currently, there are 54 globally rare plants (G1 to G2) known to occur within the CSRV, and approximately 18% of listed species are considered to be endemic to the ecoregion. These species come from a wide array of plant families ranging from trees, shrubs, herbs and grasses, to non-vascular plants such as ferns and bryophytes (i.e. mosses, liverworts, & hornworts).

Plant rarity and endemism in the CSRV is most often associated with specific niche

habitat types that are often very restricted, environments. Habitats such as perched wetlands, seeps, cobble bars, river prairies. sandstone outcrops, rockhouses, barrens, and glades all contain a number of rare plant species in the CSRV. As well, many of these habitats contain very harsh conditions such as shallow soils, acidic bogs, and extremely low light levels under rock overhangs. Likewise, many of the plants found in these habitats depend upon the maintenance of natural processes such as fire, stream scouring, and wind throw for their survival. Some of the rarest species utilize unique survival strategies such as carnivory, insect mimicry, and long periods of dormancy to reproduce and thrive.

Plants face perhaps the widest assortment of threats throughout the ecoregion. Direct destruction of habitat is believed to be the most pervasive threat. Conversion of plant habitats to agriculture, houses, industry, commercial forestry, and other uses has greatly affected the quality and condition of plant species across the CSRV. As well, indirect activities such as fire suppression and dam construction have disrupted normal ecological processes and decreased the health and vitality of many plant occurrences.

Being immobile, plants are perhaps more directly dependent on their immediate surroundings for survival than are other organisms. Rare plants in particular often suffer from an inability to reproduce and expand from the isolated habitats where they evolved. Once disturbed, many populations dip below a critical threshold of viable individuals. The resulting genetic 'bottleneck' often produces homogeneous individuals less resilient to stochastic changes in the environment.

In general, plants are probably one of the better-known groups of organisms in the CSRV. Few additions to the overall list of flora have been made in recent years. However, when considering the extreme variety of growth forms and reproductive

strategies of plants, they are one of the most complicated organismal groups in the world. Scientists need to conduct much more inventory and research to discern the specific habitat needs and causes of rarity for many plant species in the CSRV.



#### **Human Context**

Like many parts of the world, the CSRV Ecoregion has been strongly shaped by the history of human settlement. Patterns of land use and ownership have been cast by events dating back to the earliest periods of inhabitation. For many early cultures, the essential elements of prosperity were based on qualities such as: the availability of raw good hunting, materials. fertile navigable waterways, and mild climate. The CSRV has been blessed with many of these traits. However, conditions favorable to humans are very unequally distributed across the ecoregion. Given such inequity of resources, the natural character of the CSRV has been formed predominantly from the struggles of people to secure livelihoods across a disparate landscape. Many of the socio-economic factors that dictated past settlement still prevail today throughout many local communities.

#### Early History and European Settlement

For thousands of years, many pre-historic Native Americans lived and traveled throughout the CSRV Ecoregion. Paleo-Indians from the Archaic through the Mississippian Periods considered the mountains of the Cumberlands region as prime hunting grounds. With the advent of agriculture, later cultures settled primarily

along the rich bottomlands of major river valleys in the SRV region to grow corn and squash. During that time, burning was a common practice used to open forests for game and to clear cropland. Buffalo and other large, open-range species often migrated to the region's grassy 'barrens' to take advantage of salt licks created by natural mineral streams (DeSelm 1985; Anderson et al. 1999)

By the time the first Europeans arrived, the landscape they encountered was an open mosaic of forests and grasslands in many places. Early Native Americans had already banded together into the historic tribes known today. Several tribes, including the Cherokee, Shawnee, Creeks, Chickasaw and Choctaws utilized the CSRV area. However, the Cherokee and to a lesser degree the Shawnee claimed domain over much of the region. Sizable villages were formed in present-day areas of East Tennessee, northern Alabama and Georgia (Manning 1992).

The earliest European settlers that came to the region were primarily land seekers of Scotch-Irish descent. Many had come to the New World as indentured servants and fled to the region in search of free land ahead of colonial government sanction. These early arrivals were fiercely independent and often intermarried with local Native Americans (Manning 1992). Interestingly, the descendants of these early settlers still live in the area today and have a distinct Southern Appalachian culture.

The Cumberlands region was a major barrier to westward migration by European settlers. It wasn't until the discovery of the Cumberland Gap in 1775 that large groups of settlers were able to move into the region. Before that time, only a few 'long' hunters such as Davy Crockett and Daniel Boone had explored much of the CSRV. Between 1775 and 1810, an estimated 200,000 – 300,000 people passed through Cumberland Gap into Kentucky. Overall, few settlers stayed in the CSRV. Most

passed through the region to settle better farmlands further west (Manning 1992).

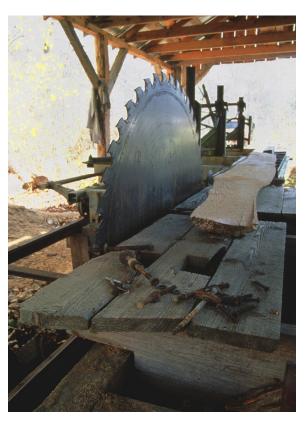
Various treaties with tribes had relinquished some land to settlers in the 1790's. However, it wasn't until 1838 when the Cherokee Tribe was forcibly removed from their ancestral lands that settlers flooded into the SRV region. With the arrival of masses of people, the land was cleared further for home sites and agriculture. Several early trading forts along major rivers began to grow into centers of commerce.

However, the Cumberlands region remained relatively unsettled for many more years. It wasn't until after the Civil War that many settlers came to the region. Although lots of people came to farm small homesteads, the soils were generally too poor for much agriculture. Others were drawn to the remote region to form planned communities based on utopian principals. The town of Rugby, which was the last English colony in the United States, is perhaps the best-known example (Egerton 1977). Most of these utopian communities failed, but others have survived till present day.

When coal was discovered Cumberlands in the latter part of the 1800's. many people came to work in the mines. As well, the rich forests of the area had attracted many timber companies. Many of the original land grants for the area had been acquired by timber and coal interests. With the arrival of the railroads, much of the Cumberlands region was readily exploited for both coal and timber. Many of the settlements that emerged were actually company towns. Later, oil and natural gas were discovered in the region. However, again wealthy investors controlled much of the mineral rights. Most people in the region remained relatively poor despite an abundance of natural resources (Jones 1996).

#### **CSRV Ecoregion Today**

Today, the CSRV remains strongly divided along socio-economic lines. Major urban



areas are all located in the SRV section of the ecoregion. The largest cities are Birmingham, AL (pop. 242,820); Knoxville, TN (pop. 173,890) and Chattanooga, TN (pop. 155,554) **see Map 6**. Likewise, most of the population base of the ecoregion is clustered around these 3 urban areas **see Map 7**. Overall, a total of approximately 6.5 million people live in the CSRV (U.S. Census Bureau 2000).

The Cumberlands subregions are still sparsely inhabited relative to the SRV. Less than half of the total population of the CSRV lives in these three subregions, in an area comprising almost two-thirds of the total area of the ecoregion. Very few towns of significant size exist. The largest town in the Cumberlands is Albertville, Alabama with only 17,247 people. Most residents are scattered in small towns and other rural communities.

The major industries in the CSRV also vary geographically. In the Cumberlands region, relatively few jobs in manufacturing or service industries have ever existed. Most

jobs were historically based on natural resource extraction. These businesses are still important to the region. Coal, oil, natural gas, and methane are multi-million dollar enterprises. The environmental legacy of these industries has had profound effects upon the ecoregion.

As well, timber is still a major business in the Cumberlands. However, most of the large native stands of forest were cut by the early part of the 20<sup>th</sup> century. Since that time, many hardwood timber operations succumbed to industrial plantations. Nevertheless, many large blocks of native forests remain. The Cumberlands region remains one of the most heavily forested parts of the eastern United States.

In recent years, some communities have tried to capitalize on the scenic beauty of the region. Several towns have focused on developing tourism-based economies with accompanying resort and second home developments. Towns such as Crossville, Tennessee have become major retirement hubs.

While the Cumberlands region is very rich in natural resources, most residents are very poor. Average household incomes are less than \$15,000 per year on average in many areas. Residents have historically struggled to make a living and maintain their rural lifestyles. The population of many counties in the Cumberlands has fluctuated greatly with cycles of economic boom and bust.

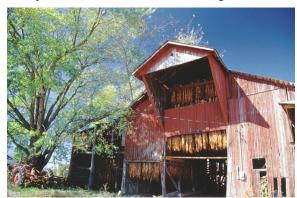
In contrast, the SRV region has a much more diversified economy. Average household incomes are greater than \$20,000 per year for several counties. Major cities in the region were early centers for steel production during the civil war. These businesses continue today, along with other heavy industries such as aluminum manufacturing. Other businesses such as banking, publishing, and insurance are also important regionally. In recent years, technology companies have emerged

around colleges and universities in major urban areas. In particular, many hi-tech research companies have sprouted around Oak Ridge National Laboratory near Knoxville and around Redstone Military Arsenal and the Goddard NASA Space Flight Center in Huntsville, Alabama.

Natural resources have also played a prominent economic role in the SRV. The presence of tremendous water resources prompted the federal government to establish the Tennessee Valley Authority in 1933. TVA constructed numerous dams on many of the major rivers in the SRV to generate electricity. spurn economic development. provide navigation waterways, and control flooding in the region. Today, TVA is the largest, public utility in the United States with 29 dams, 11 coal-fired power plants, and 3 nuclear reactor plants.

Still, many portions of the SRV region are also rural. Agriculture plays a prominent role in the local economies of these communities. Cattle, tobacco, and row crops such as soybeans and corn are important agricultural commodities. Most farms are relatively small in comparison to other parts of the country, with 100 acres or less in pasture or cultivation on average.

Land ownership patterns also vary greatly across the CSRV Ecoregion. The majority of public lands occur in the Cumberlands region. Beginning in the 1970's, a large number of public lands were purchased by many states and the federal government



from properties owned by timber and coal companies. Several clusters of large public landholdings are located in the Cumberlands including: Daniel Boone National Forest and Big South Fork National River and Recreation Area (app. 770,000 combined) in Kentucky Tennessee, the Talladega and Bankhead National Forests in Alabama (app. 193,000 and 157,000 acres respectively), and the Catoosa, Sundquist, and Royal Blue Wildlife Management Areas in Tennessee (app. 210.000 acres combined). Overall, a total of approximately 1,950,124 acres of public land are located in the Cumberlands region.

In the SRV, public landholdings are much smaller on average. Major federal landholders include the Department of Energy, Department of Defense, and the Tennessee Valley Authority. State lands are also present in a variety of management types ranging from state parks, wildlife management areas, state forests, and other areas. In total, approximately 1,265,494 acres of public lands are present in the SRV.

Overall, almost 3.2 million acres of public land currently exists in the CSRV. Combined across all ownership types (federal, state, local), these lands account for approximately 9% of the total land area of the ecoregion see Map 8 & Appendix I.

Ownership of private lands is equally disparate across the CSRV. Again, many large, privately owned landholdings exist in the Cumberlands region. Corporate timber and coal interests control the largest portion of these landholdings. However, many large non-industrial private properties also occur. Tracts of 10,000 acres and larger commonly occur in the Cumberlands. In the SRV region, private parcels are much smaller generally. The majority of tracts are less than 500 acres in size. Given these private ownership patterns, opportunities for landscape-level conservation are generally better in the Cumberlands region.

Map 6. Major Cities and Roads in the CSRV 50 0 5C Interstate Highway
Urban Area

CSRV Ecoregion

Subregion Boundary

10 km. Buffer

Map 7. Population Centers in the CSRV 50 Miles 50 0 5C Scottsboro

Fort Payne Alexander City Urban Area
© City with Pop. >10,000
City with Pop. >10,000
CSRV Ecoregion
X
Subregion Boundary
X
10 km. Buffer
Persons Per Sq. Mi. (2000): MAP PRODUCED 12/03 BY THE TENNESSEE CHAPTER OF THE NATURE CONSERVANCY Conservancy &

Map 8. Public Lands in the CSRV 50 0 50 Miles Scale 1:3,484,800 or 1 inch = 55 miles CSRV Public Lands:
Federal
State
CSRV Ecoregion
Subregion Boundary

# Chapter 2.

# **Identifying Conservation Priorities**



The identification of conservation areas for an ecoregional plan is a dynamic process. The Nature Conservancy's method depends on a series of planning steps and assumptions that are revisited every few years, as more information becomes available. Priority conservation areas in this plan were established through the following steps:

- Selecting targets for species, natural plant communities, and ecological systems as the focus of planning efforts
- Gathering ecoregional, system, species and communities data from a range of sources
- Setting numeric goals for conservation of each species and community type
- Assessing the viability of individual species populations and community occurrences
- Evaluating the landscape context of the ecoregion
- Identifying conservation areas

The Conservancy has published specific guidelines for developing and taking action to conserve ecoregional portfolios (Groves et al. 2000). Although the ecoregional planning process has been refined over the past several years, the general principals have remained consistent **see Figure 2**.

#### **Key Ecological Concepts**

A basic understanding of key concepts used to develop the CSRV ecoregional plan is crucial to interpreting the conservation 'blueprint'. This section is provided to get the general reader better versed on some basic concepts and assumptions used in the planning process. Additional important terms and concepts used in this document

are defined in the glossary at the back of the text. Also, refer to the *Literature Cited* section for other reading materials.

#### **Biological Diversity**

Conserving all biological diversity is at the heart of the Conservancy's mission. Biological diversity, or biodiversity, may be defined as the array of living organisms at all levels of organization from genes and species to higher taxonomic orders. Biodiversity conservation depends also on protecting the range of communities. ecosystems, habitats. and processes occurring across freshwater, terrestrial. and subterranean marine. environments. The levels at which the Conservancy focuses conservation efforts are species, natural plant communities, and ecological systems.

#### **Biological Scales and Patterns**

Elements of biodiversity also occur at many different scales from square feet to millions of acres. The various levels of biological organization can be arranged by their spatial scale and pattern. There are four geographic scales at which species populations, natural plant communities, and ecological systems occur: regional, coarse, intermediate, and local. Each spatial scale has a corresponding characteristic range in area (e.g. acreage, stream order, or river miles) see Box 2.

Terrestrial communities and systems (see glossary for definitions) also occur as different patterns across the landscape: matrix, large patch, and small patch. Matrix communities and systems, such as mixed hardwood forests, are dominant systems

Figure 2. The Nature Conservancy's Ecoregional Planning Process

#### **Getting Started**

Who: Core Team, Sponsor, State Directors, Implementers Products: Communication Plan, Team Charter, Team Composition, Stakeholder-Partner Analysis, Budget, Timeline

#### **Selecting Conservation Targets**

Who: Core team, Technical Teams,

**Experts Review** 

Products: Comprehensive & Peerreviewed Target List, Future Data Needs

#### **Collecting & Managing Information**

Who: Core team, GIS/Data Manager Products: Electronic Database, Templates & Forms, Metadata Standards, Confidence Levels, Data Gaps

# **Setting Conservation Goals**

Who: Core Team, Technical Team, Experts Review Products: Quantitative Goals for Each Target, Clear Assumptions, Future Data Needs

# **Assessing Viability of Conservation Targets**

Who: Core Team, Technical Teams, Experts Review Products: Viability Assessment of Target Occurrences Based on Size, Condition & Landscape Context, Assumptions, Further Data Needs

# **Selecting & Designing a Portfolio of Conservation Areas**

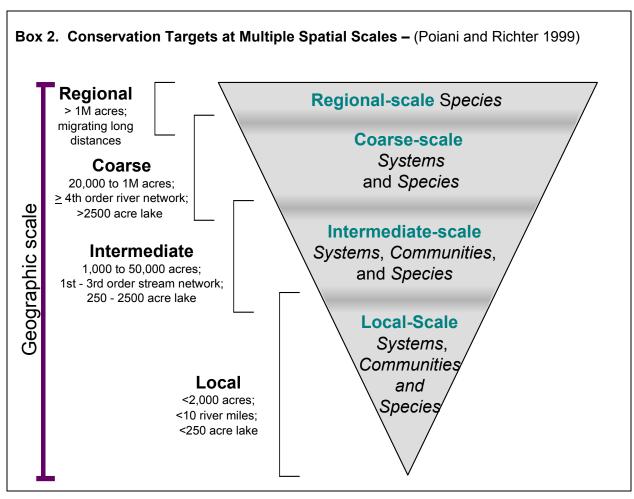
Who: Core Team, Technical Teams, Experts Review Products: Portfolio of Conservation Areas Based on Viability Assessment of Target Occurrences

# **Taking Conservation Action**

Who: Core Team, Sponsors, State Directors, Implementers Products: Cursory Threats Assessment, Multiple-Site Strategies, List of Action Sites Assessment of Target

# **Project Completion & Planning for the Future**

Who: Core Team, Sponsors, State Directors, Implementers Products: Peer-reviewed Document, Identified Data Gaps & Research Needs, National & International Rollup



that extend across millions of acres. Large patch communities, such as Shortleaf Pine Woodlands, can be found at a scale from hundreds to thousands of acres. Small patch communities (e.g. Northern White Cedar Bluffs) occupy a much smaller area and often occur in a patchwork within larger patch communities or matrix systems.

Most landscapes are composed of a mosaic of communities and systems with multiple patterns and scales. Consideration of these elements is an important component of goal setting and analysis for the planning process. It is important to capture the variety of biological scales and patterns occurring in an ecoregion in addition to the diversity of species and community types.

#### Distribution

As well, the distribution of species and communities is an important consideration

for ecoregional planning. There were five distributional categories used in this plan: endemic, limited, disjunct, widespread, and peripheral. Endemic means that the species or community type occurs primarily within ecoregion. single Limited distribution denotes that the range of occurrences is limited to only two or three ecoregions. Disjunct refers to a species or community whose main distribution is within an area unconnected to and far removed from the ecoregion of interest. Widespread means that the conservation target has a range of occurrence across multiple ecoregions, typically more than three. A peripheral distribution signifies that the species or community target is located within an adjoining ecoregion, and perhaps not even in the focal ecoregion.

Distribution is often used in conjunction with biological scales and patterns to set

conservation goals – that is, the number of populations or occurrences needed to ensure the survival of the species, community, or system for at least 100 years.

#### Viability

Viability is the capacity of a species to persist over many generations or a natural community or ecosystem to continue over some time period. The viability of an individual species population, natural community, or ecosystem occurrence is often measured by size, condition, and the surrounding landscape context. Size may be interpreted as either the number of individuals or spatial extent of a population. The condition of a population or community occurrence may be assessed in several ways, such as age-class demographics, reproductive ability, or degree of habitat disturbance. Landscape context denotes whether a broader range of factors necessary for population or ecosystem health, such as ecological processes, natural disturbances, habitat connectivity, and species mobility are good or bad.

For this ecoregional plan, each population or occurrence of a target was evaluated for viability according to the best available scientific information. Viability is a key component of goal setting. While conservation goals are primarily set according to distribution, scale, and pattern, the actual number of known viable target occurrences often tempers the final goal.

#### **Ecological Processes**

Ecological processes are the drivers that make natural ecosystems function. Large, unfragmented forest blocks are key areas where ecological processes are often still intact and target viability is high. Examples of important ecological processes in the CSRV Ecoregion include fire, seasonal flooding, wind, ice, and insect cycles. Both natural and anthropogenic-caused fire has played a large role in shaping many forest communities in the CSRV. As well, a number of aquatic and terrestrial species and community types are directly dependent

on the scouring effects of seasonal flooding. wind and ice have Likewise. been instrumental in creating gaps in forest canopy that provide a necessary mix of old and successional habitat. Natural insect cycles, primarily from large episodic outbreaks of Southern Pine Beetle, have also played an important role in forests. Often the effects of various ecological processes may be interlinked connections between fire and pine beetle infestations).

#### **Developing the Conservation Portfolio**

In order to develop the CSRV ecoregional portfolio, teams of experts engaged in two parallel planning efforts, one for terrestrial species and natural plant communities, and another for freshwater species and aquatic systems. This dual planning approach was necessitated by differences in data availability and in required levels of expertise and support.

The analysis of terrestrial conservation areas was coordinated internally with the assistance of staff from TNC, Heritage Programs, and the Southern Appalachian Forest Coalition. For aquatic conservation areas, we collaborated with a freshwater conservation assessment that developed concurrently for the southeastern U.S. by the Conservancy's Southeast Conservation Science Center and the Freshwater Initiative (Smith et al. 2002). At the end of the process the two components were united into a single conservation plan for the CSRV Ecoregion. An analysis of

http://nature.org/initiatives/freshwater/ or http://www.freshwaters.org

Also, TNC's report for the Southeast Freshwater Initiative project can be viewed or downloaded along with GIS and other data at:

http://gis.tnc.org/community/projects/fwi/southeastfront.html

<sup>&</sup>lt;sup>1</sup> For more information about TNC's Freshwater Initiative check the worldwide web at:

important caves was also prepared in a separate process and was added to the portfolio of conservation areas. General steps, methods, and assumptions are outlined below for terrestrial, freshwater, and cave components. More detailed tabular and spatial data used to identify conservation priorities are available on the enclosed CD.

# **Terrestrial Conservation Assessment** Selecting Targets

As the first step in the terrestrial conservation analysis, technical teams selected a large subset of animal and plant species and natural plant communities on which to focus planning efforts. While the goal of the ecoregional plan is to identify a suite of conservation areas that will protect all biodiversity in the ecoregion, it is not possible to design a plan around every element of biodiversity. As such, targets were selected from a list of the most critical, at-risk species and communities in the ecoregion.

A total of 232 terrestrial conservation targets were selected as the foci of planning efforts for the CSRV see Appendix A. Again, these conservation targets occur across multiple levels of biological organization, ecological systems from to plant communities to individual species. suite of conservation targets represents all terrestrial systems in the ecoregion as well as selected imperiled, declining, or endemic animal and plant species that may not be well represented by coarser-level systems see Box 3 and Tables 1 & 2. As well, these targets exemplify the full spectrum of spatial scales from local to regional ranges. Overall, some 800 terrestrial species and plant communities were evaluated for target status.

For natural plant communities, a total of 81 targets were chosen. In selecting these targets for the CSRV, we followed a hierarchy outlined within the U.S. National Vegetation Classification developed by scientists at TNC and NatureServe

# **Box 3. Natural Heritage Program Data**

This plan relied heavily on data from the Natural Heritage Programs in all states in the ecoregion. Heritage data consisted of Element Occurrence Records for individual populations, or occurrences, of target species and natural communities.

We used the Heritage Global Ranking System\* to select at-risk species for the conservation plan:

- G1 = critically imperiled globally; 5 or fewer populations worldwide
- G2 = imperiled globally; 6 to 20 populations worldwide
- G3 = very rare or restricted throughout range; 21 to 100 populations worldwide
- G4 = apparently secure globally though locally rare sometimes; 100 to 1000 populations worldwide
- G5 = demonstrably secure globally; over 1000 populations worldwide
- G? = unranked or rank uncertain
- G\_Q = questionable taxonomic assignment
  - $T_{-}$  = rank of a subspecies or variety (e.g. G4T1 = G1)

(\*note: for more complete definitions of global ranks please refer to NatureServe at www.natureserve.org.)

We also used Heritage Element Occurrence Ranks to help assess the size, condition, landscape context, and overall viability of target populations.

- A = excellent predicted viability
- B = good predicted viability
- C = fair predicted viability
- D = poor predicted viability (not viable)
- E = extant but viability undetermined

Additionally, biologists and ecologists from several Heritage Programs were key participants on the various planning teams that developed this conservation plan and contributed personal knowledge of population locations and viability in addition to electronic data.

**Table 1. Terrestrial Conservation Targets by Global Rank** 

		Global Rank <sup>1</sup>									
Major Group	G1 (T1)	G1/G2 (T1/T2)	G2 (T2)	G2/G3 (T2/T3)	G3 (T3)	G3/G4 (T3/T4)	G4 (T4)	G4/G5 (T4/T5)	G5 (T5)	G? (T?)	Total
Amphibians	0	1	0	1	0	2	1	0	3	0	8
Birds	0	0	0	0	2	0	2	0	10	0	14
Mammals	0	0	2	0	3	3	0	0	4	0	12
Reptiles	0	0	0	0	0	0	1	0	0	0	1 1
Vascular Plants	17	5	39	10	40	1	3	0	0	0	115
Non-vascular Plants	0	0	0	1	0	0	0	0	0	0	1
Communities <sup>2</sup>	12	3	19	11	0	1	0	0	0	1	47
Total	29	9	60	23	45	7	7	0	17	1	198

<sup>&</sup>lt;sup>1</sup>Sub-species ranks (T\_) and ranks of (G\_Q/T\_Q) are tallied with the corresponding G-rank above.

(Grossman et al. 1998; Anderson et al. 1998). The USNVC represents the most comprehensive source of information for natural plant communities to date.

The communities target selection began with a search of the USNVC database for all plant community associations attributed to the ecoregion. Associations constitute the finest level of organization for plant communities, and may be described as assemblages of species that co-occur in

specific areas at certain times and have the potential to interact with one another. The communities technical team reviewed the initial list and selected defined association types across all scales from matrix to large patch to small patch. Erroneous association types were dropped from this initial list, and missing types were added. The most imperiled communities (i.e. with global ranks of G1 or G2) and high-quality occurrences of more common communities were selected as targets. Overall, 47 community

**Table 2. Distribution of Terrestrial Conservation Targets** 

Maiax	Distribution								
Major Group	Endemic	Limited	Disjunct	Peripheral	Widespread	Total			
Amphibians	3	1	1	3	0	8			
Birds <sup>1</sup>	0	0	0	2	12	14			
Mammals	1	2	0	1	8	12			
Reptiles	0	1	0	0	0	1			
Vascular Plants	43	53	7	4	8	115			
Non-vascular Plants	0	1	0	0	0	1			
Communities	26	53	0	0	2	81			
Total	73	111	8	10	30	232			

<sup>&</sup>lt;sup>1</sup>The suite of neo-tropical migratory forest interior birds were tallied as widespread in these totals.

<sup>&</sup>lt;sup>2</sup>Only communities at the association level are ranked and included in these totals.

associations met the criterion for selection as targets.

Remaining plant community associations with uncertain designation or status in the CSRV ecoregion were assigned to their corresponding ecological group. The group level represents a coarser hierarchy for plant communities. Assignments made to the group level were done to ensure that all ecological systems were represented. The distinction between community groups and ecological systems is subtle. Both have been defined as dynamic assemblages of natural plant communities that occur together on the landscape or in the water and are tied together by similar ecological underlying environmental processes. features, or environmental gradients. total of 34 groups (including 1 community complex) were selected as targets to represent undesignated associations and ecological systems.

Animals and plants were selected as targets if they were not well represented at an appropriate scale by community or systems-level targets or if they were considered to be at-risk. At-risk species targets included animals and plants that are imperiled (Heritage Global Rank of G1 or G2), declining, widely separated from other portions of their ranges, or endemic to the ecoregion. In general, more common species (e.g. with global ranks of G4 or G5), species with little distributional information (e.g. insects), or species better conserved under coarser-level community targets or



systems were not selected as targets.

As well, ten neo-tropical migratory forest interior bird species were selected as targets to represent wide-ranging species within matrix forest communities (Mehlman & Hanners 1999). In general, these birds have global ranks of G5 and individual occurrences are not tracked by Heritage Programs. Targets were selected according to Partners In Flight priority scores for important avifauna inhabiting the ecoregion (Carter et al. 2000).

In total, 35 animal species targets were chosen across organismal groups that included amphibians, birds, mammals, and reptiles. As well, 116 plant targets were selected. These included both vascular and non-vascular plants.

#### Gathering Data

Technical teams and Geographic Information Systems (GIS) experts used geospatial and tabular data, as well as expert opinion, to inform the portfolio assembly process. Types of data included:

- Abiotic base data and models geology, digital elevation models, and ecological land unit models
- Base map data roads, streams, population density, and land use/land cover, USGS topographic quad maps (DRG's)
- Eco-blocks all blocks in the ecoregion unfragmented by major and secondary roads, rails, or powerlines coded by size with an emphasis on the largest, most intact blocks
- Element Occurrence data Natural Heritage Program data on the location and viability of conservation target species and communities
- Managed Area data spatial coverage and management of public lands and existing conservation areas.

Data management is an integral part of the planning process. Conservancy GIS staff in both the Tennessee Chapter and the

Southeast Conservation Science Center in North Carolina gathered, managed, and produced datasets to assist development of the ecoregional plan. As well. GIS staff at the Southern Appalachian Forest Coalition assumed responsibility for production of a public lands coverage for the CSRV. Biological occurrence data was contributed by the Natural Heritage Programs in each state and by the Vallev Tennessee Authority. Initial downloads of biological data were gathered in 1998 and again in 2000. Base maps were produced using the most current abiotic data layers available. Please refer to the CD for more information.

#### **Setting Conservation Goals**

Technical teams set numeric conservation goals for every selected target see Appendix B. Teams set goals in order to estimate how manv populations occurrences of each target are necessary to sustain that species or community in the ecoregion at a viable level for at least a hundred years. Setting numeric goals, rather than just conserving all known viable quantitative populations. provides а benchmark against which to measure whether a sufficient number of populations are represented in the portfolio of conservation areas. While goal setting does provide a benchmark, setting goals is an inexact exercise because conservation scientists often lack information on historic population sizes, distributions, and other pertinent information about long-term Goals are meant to be reviability. evaluated periodically as scientists learn more about target viability needs.

Technical teams invoked the assistance of outside experts by sponsoring a series of workshops **see Box 4**. With the benefit of personal knowledge, teams established numeric goals for all targets based on their relative distribution in the ecoregion. These distributions were based upon whether the particular target was considered to be endemic to the ecoregion, limited to a couple of ecoregions, peripheral to the

# **Box 4. Expert Workshops**

Expert workshops were critical to the development of the conservation plan. Experts participated in workshops for each taxonomic group and helped technical team members make decisions on target selection, goals, viability of populations/ identification occurrences. and biodiversity "hotspots". Experts added credibility to the planning process. especially for those targets with substantial Much of the available data gaps. information about some targets often comes directly from the personal knowledge of just a few experts. Experts contain valuable onthe-ground knowledge such as population viability, threats, landscape context, and site boundary design of conservation areas. Experts also become one of the key groups of collaborators for developing implementing conservation protection strategies.

ecoregion but common in adjoining ecoregions, or widespread across several ecoregions see Table 3. Experts and team members assumed that targets endemic or limited distribution would need more populations/occurrences protected in this ecoregion (thus a higher goal number because of a limited geographic area in which to protect the target). Conversely, targets with a broader distribution would depend proportionately less on occurrences located solely in the CSRV for long-term survival (thus a lower goal number repeated across multiple ecoregions).

Natural plant communities also factored into the goal setting process in accordance to their current and historic size type/pattern

# Table 3. Default Goals for Species and Natural Plant Community Targets

Endemic = 25 populations/occurrences
Limited = 20 " "
Disjunct = 15 " "
Peripheral = 10 " "
Widespread = 5 " "

(i.e. small patch, large patch, or matrix system). Given their size and fewer numbers of occurrences, matrix and large-patch communities generally received lower goals. Overall, default goals based on distribution and size factors were modified according to specific target needs.

In addition to setting goals for conservation targets across the ecoregion, teams also set target goals for every subregion of the CSRV where the targets occur. The five subregions, which are ecologically distinct areas within the ecoregion, provide an additional measure of representation and ensure that populations and occurrences in the conservation blueprint reflect the distribution of targets across the ecoregion. Conservation goals were weighted by the percent of total occurrences of a target present in each subregion. However, assignment of any particular goal was at the final discretion of the technical teams.

Finally, goals for neo-tropical migratory birds were based upon estimates of the number of large, mature forest blocks needed to sustain bird populations in the CSRV long-term. An overall goal of 10 sites, between approximately 10,000 and 100,000 acres, was established for the ecoregion. This goal was also stratified into 2 sites per subregion **see Appendix B**.

#### Viability Assessment

Using Natural Heritage Program data supplemented with expert knowledge, teams painstakingly evaluated the viability of all known target species and community occurrences. Criteria used to measure long-term viability (i.e. at least 100 years) included the size, condition, and landscape context of each occurrence.

Where possible, teams used existing Heritage Element Occurrence Ranks to determine viability for species and community targets **see previous Box 3**. When viability ranks were not available, team members and other experts ranked occurrences based on personal knowledge

or other inference. Only populations with predicted viability of excellent to fair were considered for the ecoregional blueprint. Old records before 1975, occurrences of unknown viability, or non-viable occurrences were not considered in the plan and were not counted toward conservation goals for targets, unless a team member provided a sufficient reason for inclusion. Viability of plant communities was assessed based primarily upon expert knowledge. Heritage Element Occurrence Ranks were available for relatively few communities. Overall, approximately 3,700 occurrences of target species and communities were evaluated with some 1,500 occurrences being deemed as viable.

The viability of Individual occurrences of neo-tropical birds was not determined. Rather, technical team members gathered data from a variety of sources to develop a map of large, mature forest blocks known to constitute "hotspots" of nesting areas and flyway corridors important to all 10 bird targets **see** *Appendix C*.

#### Data Gaps

Determining conservation targets, setting and viability goals. assessing collectively the most difficult components of ecoregional planning. Matching database information for target occurrences with current on-the-ground conditions is often an Conservation planners inexact science. and scientists make every attempt to use the best available information in the development of an ecoregional plan. However, users of these plans must be aware that a certain margin of error exists. As well, the fluid nature of target data must always be considered before conservation measures are implemented at the site level.

During development of this plan, technical teams attempted to assess major data gaps for each conservation target group. Data gaps were identified for: species/community occurrences, geographic distribution, and taxonomic identity. In a few cases, recommendations for changes to the global

rank of a particular species/community association were made by the technical team and adjusted during goal setting. Specific information about identified data gaps for target groups can be viewed within the various technical team spreadsheets provided on the accompanying CD.

# **Conservation Area Delineation**

In addition to the taxonomically specific work of selecting targets, setting goals, and assessing viability, a team of TNC ecologists and GIS experts, along with staff from Duke University's Landscape Ecology Lab, evaluated the overall landscape context of the ecoregion. Two primary landscape analyses were conducted for the CSRV, Eco-blocks and Ecological Land Units, which assessed fragmentation and abiotic diversity respectively. The results of these analyses became the building blocks for terrestrial conservation areas.

(Eco-blocks) As part of the landscape analysis, large, relatively unfragmented units of land called "eco-blocks" were derived. Eco-blocks are bounded by roads (i.e. major highways to secondary roads), railways, utility lines, and major water bodies. Such blocks of natural habitat, when combined with traditional species and community targets, add conservation value to the portfolio.

The underlying assumption of eco-blocks is that bigger, more intact and less fragmented areas are better for conservation than smaller areas with less natural landscape Scientists have long known that broad-scale natural disturbances have created shifting mosaics of successional stages across physical settings in many regions. Likewise, the persistence of some conservation targets over time often requires large areas to sustain, buffer, and absorb these disturbances while providing opportunities for species survival and/or recolonization. Large, unfragmented areas are also important for wide-ranging/areasensitive species (e.g. forest interior birds) and some ecological processes such as fire.

The term "minimum dynamic area" has been coined to capture these ideas (Anderson et al. 1999).

To set a minimum dynamic area threshold for eco-blocks in the CSRV, the availability and distribution of large forest blocks across the ecoregion were examined. An initial map of roadless forest areas was created based on a 1:100,000 coverage of U.S. Geological Survey Digital Line Graph Data. This initial map delineated more than 1,200 eco-blocks greater than 5,000 acres in size. Eighty-nine eco-blocks were 15,000 acres or larger. Sixty-six were 20,000 acres or greater and eleven were 50,000 acres or more in size see Table 4. Based on the calculated number of large roadless areas along with other pertinent biological information, the team settled on a minimum dynamic area of 15,000 acres. acreage was also used to determine the size cutoff for matrix forming natural plant communities.

TNC staff at the Southeast Conservation Science Center conducted further refinement of the initial eco-block map. A new map was generated for only those roadless forest blocks that met the minimum

Table 4. Number of Eco-blocks in the CSRV Ecoregion

	Acres (in thousands)											
Subregion	>5	10	15	20	50+							
CM	367	159	31	25	5	_						
NCP	344	136	31	26	4							
SCP	163	45	11	8	2							
NSRV	142	41	11	7	0							
SSRV	187	31	5	0	0							
						_						
Total	1,203	412	89	66	11							

CM = Cumberland Mountains

NCP = Northern Cumberland Plateau

SCP = Southern Cumberland Plateau

NSRV = So. Ridge & Valley (Northern sect.)

SSRV = So. Ridge & Valley (Southern sect.)

dynamic area **see** *Appendix D*. Technical teams then evaluated the environmental condition of these blocks. Some blocks were lumped and others split according to the believed effects of specific roads, utility lines, railways, etc. to the functioning of ecological systems and target elements. Newly refined eco-blocks were then stratified according to various size classes within each subregion, and further analyzed to select the highest quality areas. Evaluation criteria for the eco-blocks included:

- degree of habitat fragmentation present
- extent of conversion of natural habitats
- proximity to known sites of conservation value
- configuration of the eco-block (i.e. proportion of core area to edge)
- inclusion of known viable occurrences of conservation targets
- landscape connections to other natural areas

These freshly evaluated eco-blocks formed the starting point of the conservation portfolio.

(Ecological Land Units) Ecological Land Units (ELUs) provide a model of the abiotic diversity of the ecoregion based on: geology, elevation, and landform. ELUs characterize the biophysical environment of the ecoregion, identify areas of highest variation that may represent biodiversity "hotspots", allow for predictive modeling of vegetative communities, and identify data gaps.

Ecologists and GIS experts classified a Digital Elevation Model (DEM) into a set of fourteen landforms and four elevation zones that are ecologically relevant to the distribution of plant communities in the ecoregion. As well, bedrock geology classes were grouped by the ecologists into eleven classes thought to be most influential in determining plant communities. By combining the data layers, there was the potential for 616 unique ELUs see Figure 3.

Figure 3. Ecological Land Unit Data Layers



4 Elevation Zones

Χ



11 Bedrock Geology Classes

Χ



14 Landform Types

= 616 potential ELUs

However, not all potential ELU combinations exist in reality. Further analysis by the technical team reduced the number of ELUs to 470 unique classes **see** *Appendix E*.

With the development of the ELU classes, GIS scientists overlaid the various ELUs onto corresponding eco-blocks meeting the minimum dynamic area. A statistical ordination was then conducted of these eco-blocks into like types based on distribution of ELUs. Unique examples of ordinated eco-blocks within each subregion were targeted for inclusion in the final portfolio of conservation areas.

A future step with ELUs is to assess how completely conservation areas in the blueprint represent the major ELU classes across the ecoregion. However, time constraints did not permit this analysis to be conducted. Delineation of ELUs is a difficult process that depends on a complex array of theoretical assumptions. Later iterations of the CSRV Ecoregional Plan will hopefully delve further into such landscape modeling.

#### **Aquatic Conservation Assessment**

The assessment of aquatic conservation areas closely followed the process used in the terrestrial analysis. However, several key differences in approach were necessary given the nature of aquatic species and the

opportunity to collaborate with TNC's Freshwater Initiative. Details of the various analytical steps are as follows:

#### Selection of Targets

A technical team composed of TNC, Heritage Program staff, and experts from the Tennessee Valley Authority, U.S. Geological Survey, U.S. Fish & Wildlife Service, U.S. Forest Service, academic institutions, and others worked together to select species targets for the CSRV. As with terrestrial targets, aquatic species were evaluated based upon their relative rarity and distribution within various watersheds of the ecoregion. Targets were chosen from lists of aquatic-dependent fauna that are imperiled, endemic, declining, or wideranging. As well, targets were selected for species that were good representatives of ecological processes that occur at multiple spatial scales. Aquatic plants amphibians and reptiles with adult phases of their life cycle primarily in terrestrial environments were not selected as targets. Most species had Global Ranks of G1 to G3 see Table 5. Unlike terrestrial targets, quite a few aquatic species were recommended for global rank changes based on expert information that was gathered. A total of 213 aquatic species targets were selected for the ecoregion see Appendix A.

As well, aquatic ecological systems were included as targets. Scientists working with and Freshwater Initiative TNC's SCS developed aquatic ecosystem an classification for watersheds within the CSRV Ecoregion. Aquatic systems constitute rivers, streams, and lakes with similar geomorphological patterns together by ecological processes (e.g. hydrologic and nutrient regimes, access to floodplains) or environmental gradients (e.g. temperature, chemical and habitat volume), and form a distinguishable unit on a hydrography map. These systems environmental represent gradients throughout ecoregions where species occur. As well, they are intended for use as coarse filters to help ensure that common species and communities are captured in the conservation plan (Smith et al. 2002).

Aquatic ecosystem classification and delineation involves five steps:

- Determining physicochemical habitat variables that define environmental gradients and influence species distributions: stream size, gradient, elevation, downstream connectivity, and bedrock and surficial geologic characteristics
- Acquiring and developing GIS data

				(	Sloba	l Rank <sup>1</sup>					
Major Group	G1 (T1)	G1/G2 (T1/T2)	G2 (T2)	G2/G3 (T2/T3)	G3 (T3)	G3/G4 (T3/T4)	G4 (T4)	G4/G5 (T4/T5)		G?/H (T?/H)	Total
Vertebrates:											
Amphibians	0	0	1	0	0	0	1	0	0	0	2
Fish	20	4	21	2	14	5	3	0	1	12	82
Reptiles	0	0	1	0	0	0	0	0	0	0	1
Invertebrates:											
Crayfish	2	0	1	1	2	0	0	0	0	0	6
Insects	0	0	0	0	1	0	0	0	0	0	1
Mussels	32	4	9	4	14	3	3	1	3	3	76
Snails	27	2	6	0	4	2	1	0	0	3	45
Total	81	10	39	7	35	10	8	1	4	18	213

<sup>&</sup>lt;sup>1</sup> Sub-species ranks (T\_) and ranks of (G\_Q/T\_Q, GX/TX) are tallied with the corresponding G-rank above. Species of unknown rank or historic occurrences are listed together under G?/H (T?/H).

layers of these habitat variables or other data layers that can be used for modeling

- Determining classes for these variables that correspond to ecologically meaningful breaks in environmental gradients and attributing each stream reach with a value for the variables
- Classifying the types of ecosystems by identifying all distinct combinations of physicochemical attributes
- Mapping aquatic systems by assigning system types to stream reaches at the small watershed scale

Stream size class was used as an initial variable to distinguish lotic system types. The results led to four categories of lotic headwaters/creeks, systems: medium, and large rivers see Table 6. An example of an aquatic ecological system small stream type is: moderate elevation, moderate gradient headwaters and creeks. in sandstone bedrock geology. lentic systems were classified according to their geomorphology, size, salinity, and

Headwater

(1-10)

Creek

(11-100)

Medium River

(1001-2500)

Large River (>2500)

Low

High

(>900)

(<300)

Moderate

(301-900)

connectivity; though no lentic systems occur in the CSRV. Springs, caves, and wetlands were not included in the aquatic system classification, but are nested within various system types (Smith et al. 2002).

Aguatic systems are unique to a given Ecological Drainage Unit (EDU). EDUs may be defined as groups of watersheds (8-digit U.S. Geological Survey Hydrologic Units) within aquatic ecoregions with similar patterns of zoogeographic sources and constraints, physiography, drainage density, hydrologic characteristics and connectivity. While similar types of ecosystems defined by the same set of attributes may occur in several EDUs, they were identified as being distinct targets in each EDU because the context of each EDU is distinct in regard to zoogeographic, climatic differences, and other factors (Smith et al. 2002). Overall, 99 aguatic system targets within 14 EDUs were identified and mapped for the CSRV Ecoregion using the U.S. Environmental Protection Agency's Reach File hydrography data see Appendix A.

Table 0. De	Table 6. Determinants osed in Aquatic Oystem Glassification									
<b>Elevation</b> (Meters)	Stream Size (Link)	Gradient	Downstream Connection	Bedrock and Surficial Geology Characteristic						

Low

High

(>0.05)

(<0.01)

Moderate

(0.01-0.05)

Table 6 Determinants Used in Aquatic System Classification

Connection	Geology Characteristics
Streams,	Recent river alluvium; Gravels; Sands; Mixed sands, silts, clays;
Small Rivers	Noncalcareous clays; Calcareous clays; Pleistocene terrace;
Large Rivers	Pleistocene valley-train; Loess; Marsh deposits; Loose limestone,
Lakes	shell; Alkaline sedimentary; Moderately alkaline mixture;
Oceans	Fissile shales; Erodible acidic sedimentary, meta-sedimentary;
Embayments	Resistant acidic sedimentary, meta-sedimentary; Erodible acidic, intermediate igneous, meta-igneous; Resistant acidic, intermediate igneous, meta-igneous; Erodible mafic igneous, meta-igneous; Resistant mafic igneous, meta-igneous

#### Gathering Data

As with terrestrial targets, technical teams and GIS experts used geospatial and tabular data, along with expert opinion, to inform the freshwater portfolio assembly process. Types of data included:

- Abiotic base data and models geology, digital elevation models, and hydrographic data
- Base map data roads, streams, dams, point sources of pollutants, population density, and land use/land cover, USGS topographic quad maps (DRGs) and 8-digit hydrologic units
- Element Occurrence data Natural Heritage Program data on the location and viability of conservation target species and communities
- Managed Area data spatial coverage and management of public lands and existing conservation areas

Please refer to the CD for more information.

# **Setting Conservation Goals**

The guidelines used for establishing conservation goals for each aquatic species target were as follows:

1. EDUs were used as the fundamental subregional stratification units of

- environment, zoogeographic, genetic, and evolutionary process variation within the range of a species or community.
- 2. Goals were mandated to be feasible based upon an assessment of the prevalence of historically occurring habitat for each target within EDUs. As an example, there may be only one or two large rivers in a particular EDU affording sufficient habitat for one population of a large river target, but a single river drainage may support sufficient habitat for several populations of targets inhabiting small streams. Thus, a target goal such as number of populations desired per EDU were set lower for large river species targets than small stream targets.
- 3. Goals were set higher for species prone to local extirpation based on their life history or habitat preferences. Wherever possible, susceptibility to extirpation was assessed and the goal increased for vulnerable species. As a starting point, default goals were adopted for each aquatic target species occurrence and adjusted higher or lower at the discretion of the technical team see Table 7 and Appendix B.

Global Rank	Distribution Relative to Aquatic Region	Stream/River Size of Species Target	# of Populations Needed per EDU		
II	Endemic (>90% of range in aquatic region)	Large Rivers Small Rivers Creeks, Headwaters	1 2 3		
	Widespread	Large Rivers Small Rivers Creeks, Headwaters	1 2 3		
C3 C5	Endemic (>90% of range in aquatic region)	Large Rivers Small Rivers Creeks, Headwaters	1 1 2		
G3 – G5	Widespread	Large Rivers Small Rivers Creeks, Headwaters	1 1 2		

For aquatic system targets, the goal was to protect occurrences that appear to be functioning within an historic range of variation and demonstrating a high level of ecological integrity. Goals were set at one occurrence of each medium and large sized river system, two occurrences of each small river system, and three occurrences of each creek/headwater system per EDU. As well, the minimum length for viable system occurrences was set at 40 km for large and medium rivers, 15 km for small rivers, and 5 km for creek/headwater systems (Smith et al. 2002).

#### Viability Assessment

Biological occurrence data was contributed by the Natural Heritage Programs in each state and by the Tennessee Valley Authority for aquatic species. However, given the inadequacy of using point-based data for aquatic determining populations, this information was supplemented heavily from other published data sources from experts about population size and condition. As well, the technical team utilized nonpublished information from experts in the form of field notes and informal surveys.

Viable aquatic target occurrences were mapped in two steps. First, experts identified areas supporting viable populations of species targets. The specific reaches of streams or lakes that contained these targets were demarcated using GIS. Experts then identified high quality stream reaches that represented aquatic systems not captured by the species occurrences.

# **Conservation Area Delineation**

Aquatic conservation areas were delineated around occurrences of target species and aquatic ecological systems that experts identified as conservation priorities. It should be noted however that fine-scale assessments of exact boundaries of the ecological processes that maintain the conservation targets were not delineated and were beyond the scope of this project. Conservation areas were represented in three ways:

- For conservation areas that were creeks/headwaters or small rivers, the entire delineated watershed area was highlighted.
- For medium and large rivers, the stream lines were buffered to 1 kilometer. This spatial representation was done as a compromise between the need for conservation areas to be easily distinguishable on a map but not constitute too large a portion of the region.
- For spring complexes, important aquatic karst targets, and for natural lakes with or without connected tributaries, polygons were used.

In some cases, adjacent or connecting stream reaches were retained as separate conservation areas if the targets captured in them were distinct in life history and/or size of stream occupied from adjacent reaches. However, separation was maintained among conservation areas occurring in different EDUs.

#### **Cave Conservation Assessment**

In addition to the analyses conducted for terrestrial and aquatic conservation areas, a team of experts evaluated biologically important cave sites for the ecoregion. Again, the CSRV is one of the richest karst areas in the country. Literally thousands of caves are known to occur within the ecoregion. These caves harbor a tremendous diversity of cave invertebrates and other organisms, many of which are yet to be described by science. Overall, relatively little biological or other survey information has been compiled for the majority of the ecoregion's caves.

Nevertheless, the planning team tasked itself with identifying a list of cave sites to be included in this iteration of the conservation portfolio. The team first developed a listing of known biologically significant caves from each state in the ecoregion. The level of information varied greatly among states in the CSRV. States such as Virginia have a

cave commission whose assignment is to evaluate and maintain a database of caves with unique biological, cultural, or historic qualities. Tennessee has a "top 100" list of priority caves, while other states have only minimal records of important cave sites documented.

After compiling a preliminary catalog from each state, the planning team examined Natural Heritage Program databases for element occurrence records of cave species. Given high rates of endemism among states and the general inequality and lack of scientific data, the cave technical team decided not to compile a master target list of cave-obligate species. Rather, the team limited the database search to bats and other species already on the animal target list. The rationale was that some element occurrence records, with corresponding ranks, would be able to serve as reasonable surrogates for high quality cave locations. These records helped document caves that were potentially biodiverse for other species but were in need of further inventory.

Other sources of information about cave sites also were researched. These included available map coverages of cave sites from surveys, books, scientific publications, and miscellaneous field reports from biologists. With further analysis, the listing of important state-ranked caves, target-generated, and other researched caves was combined into the final cave portfolio. Goals were not established for caves, neither was viability assessed. As well, thousands of records of potentially biodiverse caves were not included in the cave portfolio but are mentioned to highlight the tremendous data gaps that exist in the ecoregion. master list of known important cave conservation areas was then compiled and mapped for further consideration in the ecoregional plan.

#### **Finalizing the Conservation Portfolio**

The combination of polygons from the representative suite of eco-blocks, aquatic

# **Box 5. Portfolio Assembly Steps**

Coarse-scale Focus: First represent all coarse-scale targets (systems, matrix communities/groups) followed by targets at finer spatial scales (large and small patch communities/groups, animals, and plants).

**Representation:** Capture multiple examples of all conservation targets across the range of environmental gradients (ecoregion subregions, Ecological Land Units, Ecological Drainage Units).

**Efficiency:** Give Priority in the selection process to occurrences of coarse-scale systems that contain multiple targets at other scales. Look for overlapping target occurrences. Establish selected ecoblocks as "anchors". Give priority to areas within or adjacent to high quality managed areas.

**Integration:** Give priority to areas that contain high-quality occurrences of both aquatic and terrestrial targets.

**Functionality:** Ensure all conservation areas are functional or feasibly restorable to a functional condition. Functional sites maintain the size, condition, and landscape contest of the respective conservation targets.

sites, and caves formed a base set of functional, high-quality areas that became the backbone of the ecoregional portfolio. These areas acted as "anchor" sites over which coarse then finer scale occurrences and populations were evaluated see Box 5. Once the eco-blocks were selected, viable matrix community and system occurrences that fell within the eco-blocks were identified. **Ecologists** prioritized high quality matrix communities and systems where they overlapped with previously selected eco-blocks and aquatic areas.

After matrix communities and systems were added to the portfolio, data was overlaid for viable intermediate and fine-scale targets

(large and small patch communities/groups, species, and caves). Target populations and occurrences that fell outside ecoblocks. public lands. or existing conservation areas were included in the portfolio if they were known to be viable given their surrounding landscape context. The assembly team continued adding known viable occurrences of all targets as available to meet conservation goals. However, not all viable target occurrences could be captured, given various local conditions.

In the end, conservation areas were represented by: a combination of eco-block boundaries, roads and other man-made features, physiographic features, buffers around species populations and/or system occurrences, buffers around stream and river reaches, and sub-watersheds. In the future, these boundaries may be modified, as individual conservation areas are refined during site conservation planning or other strategy-development processes.

# **CHAPTER 3.**

# The Conservation Blueprint



The purpose of ecoregional planning is to produce a complete portfolio of priority conservation areas and accompanying strategies that together form a blueprint for protection of the most important biodiversity elements of the ecoregion. With proper assessment of threats and thoughtful implementation of conservation strategies, this plan will hopefully ensure the long-term survival of all representative species, natural plant communities, and ecological systems within the CSRV Ecoregion.

# **Summary of Conservation Areas**

As a result of this planning effort, a total of 434 terrestrial, aquatic, and cave conservation areas were identified across the 6 states of the CSRV Ecoregion see

**Tables 8 & 9 and Appendices F, G, & H.** Overall, 160 of these areas were identified for protection of terrestrial conservation targets, 102 for aquatic targets, and 172 for caves.

The total acreage of terrestrial conservation areas is 7,797,855 acres or approximately 21% of the total area of the ecoregion. Almost 5% of this acreage lies within the 10 km buffer zone to the ecoregion. A much smaller percentage (0.1%) falls outside the CSRV inside adjoining ecoregions.

As well, aquatic conservation areas encompass over 16,596,277 acres of critical watersheds both within and outside the borders of the CSRV. Due to the

Table 8. Terrestrial, Aquatic, and Cave Conservation Areas in the CSRV										
			Acreage							
Terrestrial Cons. Areas	# of CA's	Inside Ecoregion	10 km Buffer	Outside Ecoregion	Total					
Matrix Landscapes	72	7,105,250	368,584	8,625	7,482,459					
Non-matrix Landscapes	43	264,370	15,063	0	279,433					
Functional Sites	45	32,488	2,921	554	35,963					
Total Terr. CA's	160	7,402,108	386,568	9,179	7,797,855					
Aquatic Cons. Areas	102	12,262,787	1,993,917	2,339,573	16,596,277					
Cave Cons. Areas	172	3,985,061	872,786	148,015	5,005,862					
Total	434	23,649,956	3,253,271	2,496,767	29,399,994					
Total acreage for all CA's minus overlap		16,801,925	2,858,829	2,482,775	22,143,529					

Table 9. Terres	Table 9. Terrestrial, Aquatic, and Cave Conservation Areas by Subregion										
	Acreage	by Subregi	uffer)								
Conservation Area Type	Cumb. Mtns.	N. Cumb. Plateau	S. Cumb. Plateau	Outside Ecoregion	Total Acreage						
Terrestrial:	1,361,436	3,085,605	1,374,338	885,249	1,082,048	9,179	7,797,855				
Matrix	1,351,837	3,043,590	1,292,358	836,624	949,386	8,625	7,482,420				
Non-matrix	9,599	40,470	69,742	43,991	115,670	0	279,472				
Funct. Site	0	1,545	12,238	4,634	16,992	554	35,963				
Aquatic	2,841,753	3,533,959	2,074,114	2,258,946	3,547,932	2,339,573	16,596,277				
Caves	355,064	1,421,985	825,133	1,998,082	257,583	148,015	5,005,862				
Total	4,558,253	8,041,549	4,273,585	5,142,277	4,887,563	2,496,767	29,399,994				
Total acreage minus overlap	3,330,840	5,717,489	3,282,891	3,380,402	3,949,132	2,482,775	22,143,529				

identification and delineation of aquatic areas by major watersheds, a large portion of the aquatic portfolio (~2.3 million acres) extends outside the terrestrial borders of the CSRV. Aquatic areas strictly within the ecoregion and the 10 km buffer zone make up approximately 38% of the ecoregion.

Cave conservation areas encompass 5,005,862 acres of above-ground lands. Again, acreage for the cave portfolio was developed from buffered points around selected cave entrances. Overall, cave areas constitute around 13% of the total area of the ecoregion, with only a small portion of this acreage within the 10 km buffer and adjoining ecoregions.

Combined, the portfolio of terrestrial, aquatic, and cave conservation areas comprises over 29 million acres of lands and waters both inside and outside the CSRV. Conservation areas delineated outside the ecoregion were done so under the premise of not disrupting scientifically-derived conservation boundaries. When accounting for overlap among conservation area types, approximately 19,660,754 acres

or 53% of the entire ecoregion is captured including the 10 km buffer.

The inclusion of such a large portion of the ecoregion within the conservation portfolio does not imply that millions of acres of land must be set aside exclusively as habitat. Rather, these areas represent priority sites for enacting a wide-range of conservation measures which may be tailored to specific targets at a variety of scales. Further details and statistics for each conservation area type are provided in the following sections.

# Terrestrial Conservation Areas

As described in Chapter 2, terrestrial conservation areas were added to the portfolio based on their functionality as large ecological systems containing matrix and large-patch community types important fine-scale habitats for viable target and species small-patch communities. Given such, terrestrial conservation areas were classified into three types: functional matrix landscapes. non-matrix functional landscapes, functional sites.

Functional matrix landscapes constitute areas that meet the 15,000 acre minimum dynamic area for matrix-forming forest communities. These areas were mapped by the perimeters of large eco-blocks, by delineated occurrences of matrix scale community types, and by high-quality habitats for wide-ranging, neo-tropical migratory forest interior birds.

Non-matrix functional landscapes constitute areas designated for protection of largepatch communities (<15,000 acres) and associated species targets. These landscapes were delineated by loweracreage eco-blocks. certain plant communities, and smaller acreage habitats for neo-tropical birds. In some instances boundaries for non-matrix functional landscapes were integrated into the larger area of a surrounding matrix landscape for mapping simplicity.

Functional sites are small conservation areas selected to protect isolated occurrences of target species and small-These sites were patch communities. mapped in a uniform manner as buffered points of 1000 meters diameter. The decision to use a thousand-meter buffer was made as a compromise between estimates of population area requirements of various targets and other practical GIS mapping needs. Technical teams were not able to individually customize buffered points for each target occurrence. Much more scientific work is needed to determine specific individual habitat sizes. Likewise, functional sites captured within functional matrix or non-matrix landscapes were not retained as individual conservation areas, but were subsumed within the boundary of the larger functional landscape area.

For the CSRV, 72 functional matrix landscapes were identified, representing 7,482,459 acres or almost 96% of the total area of the terrestrial portfolio. Average size for all functional matrix landscapes is almost 104,000 acres. 43 non-matrix functional landscapes were identified

constituting 279,433 acres, with an average size of almost 6,500 acres. As well, 45 functional sites were identified for a total acreage of 35,963 acres. Acreage estimates for the buffered points of functional sites were approximately 772 acres each.

Compared by subregion, most functional matrix and non-matrix landscapes are captured within the Northern and Southern Cumberland Plateau and the Cumberland Mountains see Table 10. Functional sites are primarily located within the Southern Cumberland Plateau and the two Southern Ridge & Valley subregions. The disproportion in acreage of functional landscapes and sites is generally due to the higher amount of natural vegetative cover found in the three Cumberlands subregions. Forests in the Southern Ridge & Valley have been largely cleared relative to the Cumberlands.

addition. number of portfolio а conservation areas have multi-state boundaries. For the terrestrial portfolio, a total of 15 functional matrix landscapes and 3 non-matrix landscapes have boundaries that extend across state lines. Combined, these represent only 11% of all terrestrial conservation areas. No functional sites occurred across state boundaries.

#### Aquatic Conservation Areas

Aquatic conservation areas are composed of priority stream reaches within individual ecological drainage units (EDUs). In some instances, aquatic areas may constitute major segments of the EDU. While streams or other water bodies comprise the core of aquatic conservation areas. terrestrial portions of the watershed that influence hydrology are an equally important component.

The average size for all aquatic areas in the CSRV is approximately 162,709 acres. By subregion, the southern section of the Southern Ridge & Valley and the Southern Cumberland Plateau capture the most

		;	Subregion	1				
State	Cumb. Mtns. (M,N,S)	N. Cumb. Plateau (M,N,S)	S. Cumb. Plateau (M,N,S)	SRV (North) (M,N,S)	SRV (South) (M,N,S)	Multi- state <sup>2</sup>	Total # of Terr. CA's	Total Acres
Alabama Total	(0, 0, 0)	(0, 0, 0)	(13, 10, 15) 38	(0, 0, 0)	(7, 11, 10) 28	8	66	1,841,958
Georgia Total	(0, 0, 0)	(0, 0, 0)	(4, 1, 0) 5	(0, 0, 0)	(5, 7, 12) 24	7	29	459,428
Kentucky Total	(7, 0, 0)	(15, 10, 0) 25	(0, 0, 0)	(0, 0, 0)	(0, 0, 0)	8	32	2,177,420
Tennessee Total	(1, 0, 0)	(8, 0, 2) 10	(3, 0, 0)	(9, 1, 3) 13	(0, 0, 0)	7	27	2,455,759
Virginia Total	(7, 0, 0) 7	(0, 0, 0)	(0, 0, 0)	(5, 4, 3) 12	(0, 0, 0)	7	19	561,180
West Virginia Total	(5, 2, 0)	(0, 0, 0)	(0, 0, 0)	(0, 0, 0)	(0, 0, 0)	1	7	302,10

<sup>&</sup>lt;sup>1</sup>Terrestrial conservation areas are tallied for each subregion by matrix landscapes (M), non-matrix landscapes (N), and functional sites (S). Areas extending into multiple subregions were tallied only for the subregion of primary occurrence.

number of aquatic areas at 43 and 25 respectively. The Northern Cumberland Plateau, the northern section of the SRV, and the Cumberland Mountains follow with 18, 17, and 9 areas respectively see Table **11**. However, the southern section of the Southern Ridge & Valley and the Northern Cumberland Plateau have the highest amount of acreage included within the aguatic portfolio. The Cumberland Mountains, northern section of the Southern and Ridge & Valley, the Southern Cumberland Plateau are next in order.

Almost 15% of all aquatic areas have multistate jurisdictions. Furthermore, several aquatic conservation areas either originate from or drain mostly into adjoining ecoregions, primarily the Interior Low Plateau, the Southern Blue Ridge, and the Upper East Gulf Coastal Plain ecoregions. As a whole, aquatic areas are more evenly distributed across the CSRV Ecoregion than terrestrial and cave conservation areas..

#### **Cave Conservation Areas**

addition to terrestrial and aquatic conservation areas. 172 caves were included in the conservation portfolio as significant underground sites see Table 12. The number of caves selected by a particular state does not necessarily reflect the total potential biodiversity significance of that state's caves. Cave selections were largely dependent on the amount of available cave biodiversity information, which varied greatly by state. Many more cave sites will likely be added to future iterations of the CSRV portfolio as more survey work is done.

<sup>&</sup>lt;sup>2</sup>The number of terrestrial conservation areas with multi-state boundaries is noted for each state.

Table 11. Aquatic Conservation Areas by State and Subregion

		Total #						
State	Cum. Mtns.	N. Cum. Plateau	1	l	SRV (South)	Multi- state <sup>2</sup>	Aquatic CA's	Total Acres
Alabama	0	0	22	0	28	2	11	5,286,643
Georgia	0	0	1	0	15	4	16	1,289,855
Kentucky	2	6	0	0	0	1	20	2,333,959
Tennessee	1	12	2	14	0	8	50	3,974,186
Virginia	1	0	0	3	0	29	74	1,572,490
West Virginia	5	0	0	0	0	0	1	1,660,378

<sup>&</sup>lt;sup>1</sup>Areas extending into multiple subregions were tallied only for the subregion of primary occurrence.

By subregion, the northern section of the SRV and the Northern Cumberland Plateau had the largest number of caves selected as conservation areas. Given the strong correlation between subregions and state boundaries, the number of caves occurring by subregion is also a relict of available cave information. A possible exception is the Cumberland Mountains subregion, which had the lowest number of selected cave sites. The number of selected caves for this subregion may be proportionately accurate. The mountainous topography of this area is not as conducive to karst formation. An important metric for each

state and subregion would have been the number of selected cave sites versus the overall abundance of caves for the state or subregion. However, such information was not available. As an example, the Cumberland Plateau subregions are believed to have some of the highest numbers for caves in the country, but both subregions had proportionately fewer cave sites selected.

Specific map locations for caves were not provided in order to protect sensitive species information. Instead, caves are mapped by the total number of selected

Table 12. Cave Conservation Areas by State and Subregion

	Subregion							
State	Cumb. Mtns.	N. Cumb. Plateau	S. Cumb. Plateau	SRV (North)	SRV (South)	Multi- state <sup>1</sup>	Total # Caves	Total Acres <sup>2</sup>
Alabama	0	0	11	0	0	2	11	559,672
Georgia	0	0	9	0	7	4	16	385,625
Kentucky	0	20	0	0	0	1	20	684,639
Tennessee	1	20	4	24	1	8	50	2,142,141
Virginia	11	0	0	63	0	29	74	1,183,186
West Virginia	1	0	0	0	0	0	1	50,010
Total	13	40	24	87	8	44	172	5,005,273

<sup>&</sup>lt;sup>1</sup>The number of caves whose 5-mile radius buffer crossed a state boundary is noted in this column.

<sup>&</sup>lt;sup>2</sup>The number of aquatic conservation areas with multi-state boundaries is noted for each state.

<sup>&</sup>lt;sup>2</sup>Acreage estimates for states are based on a 5-mile radius for each cave dissolved for overlap among caves.

cave sites per county. Although counties represent artificial boundaries, they provide a general depiction of important karst regions in the CSRV see *Appendix G*. A number of terrestrial and aquatic conservation areas were also selected for the portfolio based upon target species that depend on caves for part of their life cycle. In such cases, caves were incorporated into the overall site design of the conservation area, but were mapped at a very coarse level.

Exact measures of the size of selected cave areas are presently unknown for the ecoregion. In general, some caves in the extend portfolio for relatively distances, whereas others stretch for many miles. When measuring cave systems, many biotic and abiotic factors (e.g. hydrologic recharge and foraging habitat for bats & other species) must be taken into account. For the CSRV, a 5-mile radius distance was established as a loose estimate of the potential area of influence upon caves. It should be emphasized that this radius distance was not based on a scientifically derived figure. Given that the development of customized cave buffer zones was not feasible for this planning effort, a five-mile distance was adopted as an upper-tier estimate of the potential needed buffer distance for the largest cave systems.

Potential cross-border cave sites were also tallied based upon the 5-mile radius distance. Caves with a radius overlapping into an adjoining state were tallied as multistate caves. Cave buffer overlaps into another state do not imply that a particular cave actually extends underground across a state boundary. Again, the buffer distance represents only the potential sphere of influence upon a cave. However, caves whose buffers protrude into other states may deserve greater consideration for collaborative planning and implementation of strategies. Overall, buffer areas around caves account for more than 5 million acres in the CSRV.

# **Meeting Conservation Target Goals**

In order to gauge the initial success of an ecoregional plan, a "scorecard" is produced to track the number of viable target occurrences captured within the portfolio of conservation areas. Captured occurrences are then compared to overall goals for inclusion within the conservation portfolio by subregion. The term "capture" is used only to imply that a target occurrence lies spatially within a conservation area boundary. There is no inference that a target is protected merely because it is captured. Furthermore, to score individual viable target occurrence toward fulfilling a goal, it must be located within an appropriate type of conservation area (i.e. a terrestrial target must be within a terrestrial conservation area and so forth). A goal is completely met for a target when a sufficient number of occurrences are captured to satisfy each subregional goal.

The conservation areas delineated by this plan capture almost 84% of all known viable target species, community occurrences, and ecological systems in the CSRV. Summary statistics on goals met via capture of various target groups within conservation areas are given in **Table 13**. As well, more complete statistics for overall goals, subregion goals, and the number of captured occurrences for each target are provided in *Appendix B*.

An ecoregional portfolio rarely captures enough viable targets to fulfill all goals. The process of delineating conservation area boundaries is more complex than just ensuring capture of every determined viable occurrence. Often. target viable occurrences are intentionally excluded from the conservation portfolio with further analysis. Viable target occurrences outside the boundaries of portfolio areas should not viewed as insignificant to future be efforts, conservation but should considered as lesser priorities in the larger conservation context. As well, non-viable target occurrences and occurrences of unselected target elements should be correspondingly lower in priority.

**Table 13. Success Rates in Meeting Conservation Target Goals** 

Target Group	Total # of Occ.		Total Viable Captured (% Captured)	% of Total Goals Met	% of Targets Meeting All Subreg./ EDU Goals
Animals (Terr.)	938 (106)	342	97 (91.5%)	28.4%	8.0%
Aquatic Fauna	675 (438)	1,273	809 (63.6%)	40.2%	34.7%
Aquatic Syst.	344 <i>(all)</i>	339	315 (92.9%)	23.0%	31.3%
Plants	2,177 (919)	1,734	837 (91.1%)	48.3%	9.5%
Communities	549 (549)	1,849	435 (79.2%)	23.5%	4.9%
Totals / (% Average)	4,683 / (2,356)	5,537	2,493 / (83.7%)	32.7%	17.7%

Information for non-viable target species and community occurrences and other potential target elements were documented for consideration in future iterations of the ecoregional plan. Please refer to the included CD for more information.

Similarly, zones of land and water not included within the boundaries conservation areas should not be construed as unimportant to conservation work. While such areas are not high priorities for conservation, they do provide value as buffers to more important areas and as connecting corridors between portfolio sites. Again, ecoregional plans are meant to be As such, any designated iterative. conservation area is subject to inclusion or exclusion in future updates of a plan given new scientific evidence.

While this ecoregional plan captures a high percentage of the total number of viable target occurrences, the percent of total goals met for each target group is much lower. Combined, less than 33% of all conservation goals are met via the current total number of captured targets. As well, the number of targets meeting goals for every subregion or EDU is less than 18% on average. Again, subregion goals are established to ensure proper spatial stratification of targets across the ecoregion. To calculate target success in achieving

subregion goals, excesses in the number of captured viable target occurrences in one subregion are not offset against shortfalls in another subregion.

Reasons for the low overall percentage of conservation goals being met are varied, but the primary explanation is that goals for all targets have been set two or three times higher than the number of known viable occurrences. Technical teams for the CSRV often established goals with the understanding that relatively little survey work had been completed for much of the ecoregion. As such, the intent was that conservation goals could be met as new target populations were discovered and as current marginal and non-viable target occurrences were restored to viable status.

It is imperative to understand that goal setting occurs irrespective of the number of current target occurrences. Goals are meant to reflect the long-term survival needs of the target. Overall, conservation goals were not set beyond a realistic range of the current number of total target occurrences.

#### Threats to the Ecoregion

As part of the final analysis for this plan, the core planning team along with select technical team members and other experts assessed ecoregion-wide threats for the

CSRV. Under TNC planning methodology, threat analysis involves discerning both the 'stresses' and 'sources' of stress that affect specific targets in a given area **see Table 14**. The connections between stresses and sources are often very complex. A target within a particular conservation area may be affected by a stress with multiple sources. Likewise, sources often have contributing influences to one another. In a strict sense, threat analysis of stresses and sources should be conducted for individual target occurrences within each conservation area. However, it was beyond the scope of this plan to do detailed assessments of all

stresses and sources for every target occurrence. Such analysis is best conducted via site conservation planning at a local level.

For purposes of this plan, threats were consolidated from a comprehensive list of sources of stress to targets. To conduct the threats assessment, experts estimated the severity and scope of major threats within conservation areas. Due to the great variety of conservation targets and landscapes across the CSRV, threats listed in this plan should be considered as broad categories of threat sources. Also, given

Table 14. Major Stresses & Sources of Stress to Conservation Targets in the CSRV							
Stresses (listed alphabetically)	Sources of Stress						
Alteration of natural fire regime	Fire suppression						
Altered species composition	Forestry (highgrading, overharvesting), Invasive exotic species, Fire suppression						
Habitat destruction	Forestry (clearcutting, conversion to pine plantations), Agriculture (land conversion), Mining (coal strip mines, gravel quarries), Development (homes, vacation resorts, roads/utilities)						
Habitat disturbance	Recreational overuse (ATVs, horseback riding, caving, rock climbing), Agriculture (grazing practices), Forestry (roads), Oil & natural gas drilling (roads, rigs)						
Habitat fragmentation	Forestry (clearcutting, pine plantations), Development (roads, residential sub-divisions)						
Modification of water levels / Changes in seasonal flow patterns	Impoundments (reservoir construction/mgmt., ponds), Stream modifications (channelization, levees), Agriculture (irrigation), Impoundments (water withdrawal)						
Nutrient loading	Agriculture (fertilizer runoff, grazing practices), Municipal pollution (wastewater treatment), Development (residential septic systems)						
Sedimentation	Forestry practices (poor BMP implementation, clearcuts) Agriculture (crop production), Mining (coal mines, gravel quarries), Development (roads, residential construction)						
Toxins/contaminants	Mining (coal acid mine drainage), Oil & natural gas drilling (oil/brine), Industrial/municipal pollution (chemical effluent, wastewater treatment), Agricultural practices (pesticides, herbicides), Mining (hydraulic fluid, fuel)						
Thermal alteration	Impoundments (reservoir management), Agriculture (clearing of bank vegetation/no buffer strips)						

the subjectivity of measuring threats on such a broad scale, no attempt was made to tally estimates into an overall threat ranking. Instead, threats were tabulated by their frequency of occurrence across various conservation area types see Table 15. Historic threats were also taken into account, but were evaluated only on the basis of their contribution to ongoing stresses for targets. For a number of conservation areas. no information was known for threats. In such cases, these areas were left as data gaps. Terrestrial threats were completed during the action site selection process. Threats to aquatic conservation areas were assessed during expert workshops conducted by TNC's Freshwater Initiative. Due to limited information, no threats were gathered for cave conservation areas as part of this ecoregional plan.

Overall, 10 major active threat categories were noted for conservation targets across the CSRV. The top three threats for the ecoregion are: incompatible forestry practices, residential development, and agricultural practices. Combined, these three threats affect a substantial portion of the portfolio. Other major threats also have significant affects on conservation targets.

but are generally more localized within the ecoregion. Complete threats information for conservation areas can be viewed in the summary in *Appendix H*.

As a supplement to the threats information documented by technical team members and experts, other related threats data was gathered and calculated for conservation area. Types of supplemental ownership (public vs. data included: private), type of public management via management category from the U.S. Geological Survey's Gap Analysis Program (GAP), land cover information from the USGS National Land Cover Dataset (NLCD), and population via census blocks from the U.S. Census Bureau's 2000 census. More details are provided in the following sections:

#### Ownership of Conservation Areas

Public ownership was calculated for all conservation areas using GIS. For terrestrial and aquatic areas, acreage estimates were based upon the delineated polygons for each conservation area. Acreage estimates for caves were based upon the five-mile radius zones.

Overall, private lands comprise the major

Table 15. Major Threats to the CSRV Ecoregion by Conservation Area Frequency									
	# of Terrestrial Conservation Areas			# of Aquatic					
Threat Type	Matrix	Non- matrix	Funct. Site	Conservation Areas	# of Caves	Total			
Agricultural practices	12	6	2	46	na	66			
Fire suppression	19	11	3	0	na	33			
Impoundments/stream modification	2	2	0	24	na	28			
Incompatible forestry	55	22	3	16	na	96			
Incompatible recreation	1	4	0	2	na	7			
Industrial/municipal pollution	4	1	0	13	na	18			
Invasive exotic species	1	3	0	0	na	4			
Mining practices	14	2	0	22	na	38			
Oil & natural gas drilling	0	0	0	2	na	2			
Residential development	36	8	1	29	na	74			

type of ownership for all conservation areas with almost 19 million acres or 85% of the total portfolio. In contrast, over 3 million acres or 15% of conservation areas are publicly owned by federal, state, or county governments. Federal agencies own the largest portion of public lands (67%), or approximately 2.1 million acres. The U.S. Forest Service, the National Park Service, Department of Energy, Department of Defense, and the Tennessee Valley Authority own the majority of public lands in conservation areas. State ownership of portfolio areas is just over 1 million acres (32%). County and city ownership of the portfolio is relatively small at less than 1%. Specific breakdowns for public and private lands ownership by conservation area and a complete list of public lands in each state of the CSRV are included in Appendices H and I.

By subregion, the Northern Cumberland Plateau has the highest total amount of acreage in public lands and the Southern Cumberland Plateau the least amount **see Table 16**. However, when public lands are considered as a percentage of the total acreage of all conservation areas, the northern section of the Southern Ridge & Valley has the highest percentage of public lands (~21%). Conversely, the Southern Cumberland Plateau has the lowest percentage (~9%) of conservation areas publicly owned.

# Management of Public Lands

To ascertain the current level of public lands

protection across the CSRV portfolio, management categories for public lands within each conservation area were evaluated using GAP criteria see Table 17. The various GAP management categories are:

- Level 1 areas having a management plan in operation to maintain a natural state and within which natural disturbance events are allowed to proceed without interference.
- Level 2 areas generally managed for natural values, but which may receive uses that degrade the quality of existing natural communities.
- Level 3 areas for which legal mandates generally prevent permanent land cover conversions from natural or semi-natural habitats to anthropogenic habitats, such as conversions to agriculture, but which are subject to extractive uses such as silviculture or mining.
- **Level 4** areas managed for intensive human uses.

Summaries of all GAP management levels for conservation areas are provided **see Appendix H**.

As a whole, the CSRV portfolio has a relatively high percentage of public land. However, few public landholdings are managed for high levels of biodiversity protection. Most of the public lands within

Table 16. Public Ownership in All Conservation Areas									
	Acreage by Subregion (including 10 km buffer)								
Ownership Type	Cumb. Mountains								
Federal State County City	189,027 429,447 0 0	755,384 267,729 399 0	250,193 57,945 0 0	559,419 144,170 8,213 3,666	415,517 133,531 978 0	2,169,540 1,032,822 9,590 3,666			
Totals	618,474	1,023,512	308,138	715,468	550,026	3,215,618			

Table 17. GAP Management Categories for Public Lands in All Conservation Areas									
	Acrea	Acreage by Subregion (including 10 km buffer)							
GAP Category	Cumb. Mountains								
Level 1	20,083	29,761	26,204	40,940	29,914	146,902			
Level 2 Level 3	104,481 493,910	148,900 818,646	57,052 224,215	139.591 520,491	27,759 491,343	477,783 2,548,605			
Level 4	0	26,205	667	14,446	1.010	42,328			
Totals	618,474	1,023,512	308,138	715,468	550,026	3,215,618			

the conservation portfolio (~79%) were documented as a GAP level 3 management category. Less than 20% of public lands are managed as level 1 or level 2 categories. Most of these public lands are state-owned parks or natural areas. No federal lands were categorized as level 2 or higher **see Appendix I**.

# **Land Cover for Conservation Areas**

Acreage estimates of various natural and unnatural land cover types were also compiled for conservation areas. For this assessment, a variety of land covers were combined from the NLCD. Land cover acreages were approximated for: water, agricultural and developed land, and five

natural land cover types: deciduous forest, evergreen forest, mixed forest, herbaceous wetlands, and woody wetlands see Table 18 and *Appendix H*.

Overall, most terrestrial conservation areas have a high percentage of native forest and other vegetative cover. Aquatic portfolio areas also have relatively high percentages of native vegetative cover, but contain higher percentages of agriculture and development. As well, cave areas are largely covered by native forest types, but have correspondingly higher amounts of agriculture and developed lands. To a large degree, land cover types for conservation areas correspond to land cover as a whole

Table 18. Land Cover Types for Conservation Areas									
	Terrestri	al Conservat (Acres)	tion Areas	Aquatic Cons.	Cave Cons.	Total			
Land Cover Type	Matrix Landscape	Non-matrix Landscape	Functional Site	Areas (Acres)	Areas (Acres)	Acreage (including overlap)			
Agricultural Land	509,364	31,156	7,854	2,267,322	1,613,634	4,429,330			
Developed Land	86,106	5,139	1,702	424,100	200,776	717,823			
Forested Land: Deciduous Evergreen Mixed	4,792,748 741,058 1,234,744	140,629 39,133 55,932	11,337 6,485 7,157	8,498,746 1,908,076 2,967,669	4,741,478 781,691 1,108,432	18,364,938 3,476,443 5,373,934			
Wetlands: Herbaceous Woody Water	5,756 25,434 86,917	477 4,104 2,876	40 558 741	10,240 143,658 117,752	5,502 40,672 109,671	214,426			

among subregions.

In general, there is a high level of correlation among NLCD percentages and documented threats for conservation areas. However, no exact statistical correlation was calculated for this ecoregional plan. In the future, changes in various land cover percentages for conservation areas may provide the best way to approximate some coarse-scale threats. However, much more scientific analysis needs to be done.

#### Population of Conservation Areas

Using national census data gathered in 2000, the population of each conservation area was approximated via GIS overlays of census blocks. Census blocks are the finest level of population data available. By calculating the number and proportion of census blocks within a conservation area, a fairly accurate estimate of total population and density can be determined. The total population of aquatic conservation areas equaled 2,170,495 or approximately 130 people per square mile. Census estimates conservation for cave areas totaled 1,265,401 or 94 people per square mile. For terrestrial conservation areas, 449,060 people (89 people/sq. mile) were counted

see Appendix H. For the whole ecoregion, approximately 6,480,028 people live in the CSRV see Table 19. The overall population density for the ecoregion is roughly 110 people per square mile. In comparison, the average population density for all conservation area types is 104 people/sq. mile.

When compared by subregion, the Northern Cumberland Plateau and the Cumberland Mountains had the lowest populations. The Southern Cumberlands was next, followed by the southern and northern sections of the Southern Ridge & Valley. To a large degree, the populations and densities of conservation areas within subregions are a reflection of proximity to urban areas and the overall percentage of public land.

Analysis of population data can provide valuable information about current levels of threat, especially when combined with other data. In particular, estimates of population and private-land acreage may provide insight into potential size classes of private ownership. As well, conservation areas with high-density populations in proximity to large, urban areas may be attractive for future development efforts. Conversely,

Table 19. Population of the CSRV Ecoregion by State and Subregion									
	Subregion (including 10 km buffer)								
State	Cumb. Mtns.	Total Population							
Alabama	0	0	1,009,672	0	1,123,797	2,133,469			
Georgia	0	0	16,356	3,191	557,503	577,050			
Kentucky	202,896	561,512	0	0	0	764,408			
Tennessee	52,568	229,534	35,203	1,762,136	105,381	2,184,822			
Virginia	101,162	0	0	216,525	0	317,687			
West Virginia	502,592	0	0	0	0	502,592			
Total Population	859,218	791,046	1,061,231	1,981,852	1,786,681	6,480,028			

conservation areas with low population density, high natural forest cover types, and few public lands, may be targeted for industrial forestry or resort development. The potential demographic combinations of population data, land cover, ownership, management type, and other data are many.

#### **Strategies for Conservation**

By definition, a strategy is a specific course of action taken to abate a threat to conservation targets. In general, a strategy is successful in proportion to its ability to improve the overall condition of a target by alleviating sources of stress. For purposes of ecoregional planning, it is imperative to develop strategies that can achieve success at a sufficient scale across the ecoregion within a reasonable period of time. Altogether, the scale of a good strategy should match the scale of threats to targets.

Under TNC methodology, the effectiveness of a strategy is evaluated by several factors: benefits, feasibility, and cost. The benefits of a strategy are measured by either the total number of threats abated or the number of targets restored. Another important measure of benefit is the leverage provided by a strategy (i.e. the level of contribution from one strategy to another). Feasibility implies how easily a strategy can be implemented in terms of its complexity (i.e. partners, scale, staff availability, etc.). Finally, cost is a measure of both money and time required to implement a strategy.

To further develop the conservation blueprint for the CSRV, strategy profiles were developed for each of the 10 major identified threats to conservation targets **see Boxes 6 - 15**. These profiles were designed to provide some initial indication of the collective benefit, feasibility, and cost of a group of related strategies. For purposes of this plan, potential measures of benefit, feasibility, and cost were developed as follows:

- Benefits total # of targets within affected conservation areas, sources of stress to be abated, and leverage rank of high, medium, or low based on similarity of targets/threats across areas
- Feasibility total acreage of affected conservation areas by state, acreage estimates for public lands (federal & state), GAP management categories for public lands, and key partners/ stakeholders
- Cost a relative estimate of high, medium, or low in terms of money and time required to implement the entire strategy group at an appropriate scale

Development of specific estimates of benefit, feasibility, and cost for each strategy was beyond the limits of this plan. Likewise, these estimates are somewhat flawed by the assumption that a threat affects all targets equally across the entirety of a given conservation area. Threat data was not uniformly available for all areas, nor was specific target-threat information. As such, the strategies presented in these profiles are not comprehensive. It is presumed that detailed strategies will be designed and better evaluated during the course of site conservation planning. Much more data collection and analysis should be done before implementing a course of action at the local level. Complete summary information for threats, ownership, and other data can be seen for each conservation area in **Appendix H**.

#### Box 6. Strategies for Abating Threats from Agricultural Practices

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 259 (1,099 occ.) **Sources of stress** – grazing practices, row crop production, land conversion, irrigation, fertilizer-pesticide-herbicide runoff, clearing of buffer strips/bank vegetation **Leverage ranking** – High

# Feasibility:

**Total acreage of conservation areas –** Terrestrial (1,153,140) / Aquatic (9,179,366) **States (acres) –** 

*Terr.* - AL (13,054), GA (772), KY (481,488), TN (338,093), VA (319,733), WV (0) *Aq.* - AL (2,381,148), GA (810,897), KY (753,478), TN (2,967,204), VA (1,572,264), WV (11)

#### Ownership -

*Terr.* - Federal (116,276), State (44,491), County (2,631) Aq. - Federal (755,791), State (223,166), County (918)

#### GAP management categories (acres) -

Terr. - GAP 1 (6,640), GAP 2 (10,656), GAP 3 (141,762), GAP 4 (4,340) Aq. - GAP 1 (80,152), GAP 2 (198,928), GAP 3 (698, 289), GAP 4 (2,504)

**Key Partners/Stakeholders** – Natural Resource Conservation Service (NRCS), state departments of agriculture and water quality, Farm Bureau, Agricultural Extension offices, soil conservation districts, land trusts, and private farmers

Cost Ranking: High

- 1) Work with key farmowners in priority conservation areas to improve farming practices via federal incentive programs.
- 2) Assist federal and state regulatory agencies with protecting stream quality from poor implementation of farm BMPs.
- 3) Engage federal and state partners that provide assistance to farmers to restore streamsides, establish buffer zones, and develop alternative water sources for livestock and irrigation in priority conservation areas.
- 4) Work with local conservation groups, land trusts, & others on strategic acquisition of land/easements for important farm tracts in high biodiversity areas.

# Box 7. Strategies for Abating Threats from Fire Suppression

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 109 (705 occ.) **Sources of stress** – fire suppression by public land management agencies, arson on public/private forest lands

**Leverage ranking** – Medium

#### Feasibility:

**Total acreage of conservation areas** – Terrestrial (1,796,853) / Aquatic (0) **States (acres)** –

Terr. - AL (636,694), GA (399,428), KY (422,316), TN (289,047), VA (49,366), WV (0)

Aq. - AL (0), GA (0), KY (0), TN (0), VA (0), WV (0)

#### Ownership -

*Terr.* - Federal (604,491), State (97,065), County (1,422)

Aq. - Federal (0), State (0), County (0)

#### GAP management categories (acres) -

Terr. - GAP 1 (36,556), GAP 2 (151,157), GAP 3 (513,693), GAP 4 (1,571)

Aq. - GAP 1 (0), GAP 2 (0), GAP 3 (0), GAP 4 (0)

**Key Partners/Stakeholders** – U.S. Forest Service, state forestry agencies, Natural Heritage programs, state wildlife management agencies, private forest owners

Cost Ranking: High

- 1) Engage federal/state partners to identify priority areas in need of fire management.
- 2) Work with partners to develop regional fire cooperatives to restore priority conservation areas.
- 3) Work with private landowners to reintroduce fire in key areas/investigate sources of federal incentive programs for reestablishing native grassland areas.
- 4) Engage local communities in developing anti-arson campaigns to help prevent inappropriate application of fire.

#### Box 8. Strategies for Abating Threats from Impoundments/Stream Modification

#### Benefits:

Total # of conservation targets affected (# of occurrences) – 182 (480 occ.)

Sources of stress – reservoir management, construction of small to mid-size impoundments, pond construction in ephemeral streamheads, stream channelization, levee construction, and municipal water withdrawal

Leverage ranking - Medium

#### Feasibility:

**Total acreage of conservation areas –** Terrestrial (218,216) / Aquatic (4,887,942) **States (acres) –** 

Terr. - AL (0), GA (0), KY (0), TN (0), VA (0), WV (218,216)

*Aq.* - AL (1,790,194), GA (429,255), KY (493,852), TN (1,696,406), VA (0), WV (0)

#### Ownership -

Terr. - Federal (0), State (86,367), County (0)

Aq. - Federal (351,855), State (193,867), County (0)

#### GAP management categories (acres) -

Terr. - GAP 1 (0), GAP 2 (59,934), GAP 3 (26,432), GAP 4 (0)

Aq. - GAP 1 (26,051), GAP 2 (76,346), GAP 3 (443, 253), GAP 4 (71)

Key Partners/Stakeholders – Tennessee Valley Authority, Army Corps of Engineers, National Park Service, Natural Resource Conservation Service, U.S. Fish & Wildife Service, state water quality agencies, county/local governments, water utility districts, federal/state/local politicians, Farm Bureau, watershed associations, conservation NGOs, private developers, and landowners

Cost Ranking: High

- 1) Engage key stakeholders at the local, state, regional level to create opportunities for land/water planning.
- 2) Assist state water quality agencies to ensure compliance with water quality regulations.
- 3) Work with reservoir managing agencies to modify operations to be more environmentally beneficial.
- 4) Work with NRCS, the Farm Bureau, and local farmowners to minimize damage to streams from pond construction, stream modification, etc.
- 5) Engage political leaders, agency partners, and developers to study water supply issues and limit potential impoundment construction into priority aquatic conservation areas.

#### Box 9. Strategies for Abating Threats from Incompatible Forestry Practices

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 276 (1,326 occ.) **Sources of stress** – highgrading of timber, clearcutting, overharvesting, conversion to pine plantations, forestry roads, poor implementation of Best Management Practices (BMPs)

Leverage ranking - High

#### Feasibility:

**Total acreage of conservation areas** – Terrestrial (6,596,558) / Aquatic (4,170,397) **States (acres)** –

Terr. - AL (1,694,948), GA (264,564), KY (1,880,283), TN (2,184,845), VA (488,038), WV (83,889)

*Aq.* - AL (951,894), GA (72,652), KY (1,233,329), TN (657,445), VA (1,254,527), WV (11)

#### Ownership -

Terr. - Federal (1,045,818), State (439,789), County (0)

Aq. - Federal (341,743), State (91,260), County (0)

# GAP management categories (acres) -

Terr. - GAP 1 (90,020), GAP 2 (191,274), GAP 3 (1,177,594), GAP 4 (26,715)

Aq. - GAP 1 (49,977), GAP 2 (17,091), GAP 3 (365,834), GAP 4 (0)

Key Partners/Stakeholders – U.S. Forest Service, U.S. Fish & Wildlife Service, Environmental Protection Agency, state forestry & water quality agencies, state wildlife mgmt. agencies, forestry associations, professional forestry societies, conservation NGOs, and private forest owners

Cost Ranking: High

- 1) Work with large, private forest owners in priority conservation areas to improve forest management via federal incentive programs.
- 2) Engage federal and state partners managing forest resources to evaluate current practices for purposes of enhancing biodiversity protection.
- 3) Work with private, industrial timber companies to minimize negative effects from large-scale forestry operations.
- 4) Assist federal and state regulatory agencies with protecting stream quality from poor implementation of BMPs.
- 5) Work with local conservation groups, land trusts, & others on strategic acquisition of land/easements for high-biodiversity forest tracts.
- 6) Approach timber industry & other partners to develop compatible models for protecting biodiversity in working forestlands.
- 7) Seek private investor funding to develop sustainable forestry models.
- 8) Work with federal and state agencies, timber companies, and other forestry interests to minimize creation of new pine plantations within conservation areas and seek opportunities to retire current plantations.

#### Box 10. Strategies for Abating Threats from Incompatible Recreation

#### Benefits:

Total # of conservation targets affected (# of occurrences) – 28 (99 occ.)

Sources of stress – All Terrain Vehicles (ATVs), caving, rock climbing, and horseback riding in sensitive habitats or during inappropriate times

Leverage ranking – Medium

# Feasibility:

**Total acreage of conservation areas –** Terrestrial (102,329) / Aquatic (217,524) **States (acres) –** 

*Terr.* - AL (4), GA (108,062), KY (0), TN (102,480), VA (0), WV (0) *Aq.* - AL (5,847), GA (15,594), KY (9,381), TN (0), VA (0), WV (71,509)

# Ownership -

*Terr.* - Federal (10,130), State (26,433), County (0) Aq. - Federal (22,286), State (45,305), County (0)

#### GAP management categories (acres) -

*Terr.* - GAP 1 (5,449), GAP 2 (0), GAP 3 (31,113), GAP 4 (0) Ag. - GAP 1 (4,144), GAP 2 (17,946), GAP 3 (45,502), GAP 4 (0)

Key Partners/Stakeholders – National Park Service, U.S. Forest Service, state parks, state wildlife management agencies, state forestry agencies, ACCESS Fund, cave conservation organizations, local caving grottos, ATV riding clubs/organizations, horseback riding clubs/businesses

Cost Ranking: High

- 1) Work with federal/state land management agencies to develop/modify management plans for compatible recreation.
- 2) Engage private recreational organizations/clubs to modify usage of public recreational areas and develop alternate use areas for members.
- 3) Develop public outreach campaigns about compatible recreational use.
- 4) Work with cave conservation organizations and local grottos to limit recreational overuse, vandalism, etc. in order to protect important cave conservation areas.
- 5) Work with federal/state land management agencies to identify and protect important cave
- 6) Work with private landowners to protect priority conservation areas from degradation/ destruction of natural resources from illegal recreational use (e.g. gating of roads, caves, rerouting of trails, etc.)

#### Box 11. Strategies for Abating Threats from Industrial/Municipal Pollution

#### Benefits:

**Total # of conservation targets affected (# of occurrences) – 207** (470)

**Sources of stress** – industrial discharges of effluent into streams, municipal wastewater treatment

Leverage ranking - Medium

#### Feasibility:

**Total acreage of conservation areas –** Terrestrial (251,973) / Aquatic (5,028,505) **States (acres) –** 

Terr. - AL (76,442), GA (90,048), KY (0), TN (85,483), VA (0), WV (0)

Aq. - AL (1,498,468), GA (467,903), KY (1,047,906), TN (763,032), VA (1,123,866) WV (11)

# Ownership -

Terr. - Federal (37,795), State (13,228), County (952)

Aq. - Federal (400,022), State (98,736), County (0)

#### GAP management categories (acres) -

Terr. - GAP 1 (902), GAP 2 (8,905), GAP 3 (41,068), GAP 4 (1,100)

Ag. - GAP 1 (72,075), GAP 2 (55,978), GAP 3 (370,705), GAP 4 (0)

Key Partners/Stakeholders – National Park Service, Environmental Protection Agency, state water quality agencies, county governments, chambers of commerce, water utility districts, watershed associations, conservation NGOs, planning commissions, and private businesses

Cost Ranking: High

- 1) Work with EPA, state water quality agencies, conservation NGOs, watershed associations, and others to assist with water quality monitoring/compliance.
- 2) Seek federal/state funding sources to clean up mitigate for current/past pollution.
- 3) Work with local county governments, water utility districts, and others to develop better infrastructure for proper wastewater treatment.
- 4) Engage local/state/regional planning commissions to develop land use plans that ensure proper location of industry away from priority aquatic conservation areas.
- 5) Work with private businesses, county governments, chambers of commerce, other NGOs to mitigate/cleanup past damages from industrial pollution.

### Box 12. Strategies for Abating Threats from Invasive Exotic Species

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 22 (107 occ.) **Sources of stress** – roadside plantings for erosion control by state transportation departments and developers, introduction of exotics via agricultural use, accidental escape/ release of exotics from gardens, aquariums, etc. into natural habitats, historic regional infestations of pathogens & insect pests, and creations of invasion corridors via hiking, ATV, & horseback trails.

Leverage ranking - Medium

# Feasibility:

**Total acreage of conservation areas** – Terrestrial (153,495) / Aquatic (0) **States (acres)** –

Terr. - AL (0), GA (6,787), KY (0), TN (0), VA (0), WV (146,707)

Aq. - AL (0), GA (0), KY (0), TN (0), VA (0), WV (0)

# Ownership -

Terr. - Federal (5,449), State (59,934), County (0)

Aq. - Federal (0), State (0), County (0)

# GAP management categories (acres) -

Terr. - GAP 1 (5,449), GAP 2 (59,934), GAP 3 (0), GAP 4 (0)

Aq. - GAP 1 (0), GAP 2 (0), GAP 3 (0), GAP 4 (0)

Key Partners/Stakeholders – National Park Service, U.S. Forest Service, U.S. Fish & Wildlife Service, state parks, state wildlife management agencies, state forestry agencies, TVA, state/regional Exotic Pest Plant Councils, state departments of transportations, developers, NRCS, Farm Bureau, Agricultural Extension Offices, and private farmers.

Cost Ranking: High

- 1) Work with federal/state land management agencies to initiate integrated pest control measures focused on early identification and eradication of invasive exotic species on public lands.
- 2) Work with regional/state Exotic Pest Plant Councils to educate/promote awareness of damages by invasive exotic plants.
- 3) Work with state departments of transportation, private developers, and others to find alternative sources of needed plant material for erosion control, landscaping, etc.
- 4) Work with NRCS, Farm Bureau, Agricultural Extension offices to educate/assist private farm owners with eradicating invasive exotic species.
- 5) Seek federal/state funding sources for preventing infestations, eradication of current infestations, and restoration of natural communities on private lands in the most critical habitats within priority conservation areas.

### **Box 13. Strategies for Abating Threats from Mining Practices**

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 225 (721 occ.) **Sources of stress** – coal mining, gravel quarries, acid mine drainage, hydraulic fluid & fuel from mining equipment

**Leverage ranking** – Medium

### Feasibility:

**Total # of conservation areas (acres) –** Terrestrial (2,420,345) / Aquatic (5,213,961) **States (acres) –** 

*Terr.* - AL (83,849), GA (0), KY (1,152,029), TN (1,100,562), VA (64,527), WV (19,385)

Aq. - AL (1,659,831), GA (180,047), KY (567,910), TN (2,488,227), VA (317,963) WV (0)

### Ownership -

Terr. - Federal (245,960), State (299,345), County (2,631)

Aq. - Federal (472,407), State (236,926), County (918)

# GAP management categories (acres) -

Terr. - GAP 1 (27,805), GAP 2 (27,233), GAP 3 (490,266), GAP 4 (2,631)

Aq. - GAP 1 (38,019), GAP 2 (150,263), GAP 3 (519,464), GAP 4 (2,504)

Key Partners/Stakeholders – coal mining companies, Tennessee Valley Authority, National Park Service, U.S. Forest Service, Federal Office of Surface Mining (OSM), U.S. Fish & Wildlife Service, state mining agencies, state wildlife agencies, state water quality agencies, conservation NGOs, and local communities

Cost Ranking: Medium

- 1) Work with EPA and other federal/state agencies to ensure compliance of mining operations with water quality regulations and NEPA.
- 2) Engage coal companies, agencies, and communities for better planning to minimize environmental damage from current and planned coalmining operations.
- 3) Work with OSM and state mining agencies to prioritize funding for reclamation of abandoned mines.
- 4) Seek funds for buyout of mining rights for critical habitats in priority conservation areas.
- 5) Work with OSM to apply federal statutes regarding lands unsuitable for mining.

### Box 14. Strategies for Abating Threats from Oil & Natural Gas Drilling

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 33 (55 occ.) **Sources of stress** – oil spills into streams, drilling/contamination of underground aquifers/caves, brine disposal/spills into streams, and road construction to well sites. **Leverage ranking** – Medium

# Feasibility:

**Total acreage of conservation areas** – Terrestrial (0) / Aquatic (1,240,631) **States (acres)** –

Terr. - AL (0), GA (0), KY (0), TN (0), VA (0), WV (0) Ag. - AL (0), GA (0), KY (73,915), TN (1,166,719), VA (0), WV (0)

### Ownership -

Terr. - Federal (0), State (0), County (0)

Aq. - Federal (136,163), State (189,890), County (0)

# GAP management categories (acres) -

Terr. - GAP 1 (0), GAP 2 (0), GAP 3 (0), GAP 4 (0)

Aq. - GAP 1 (0), GAP 2 (130,252), GAP 3 (195,801), GAP 4 (0)

**Key Partners/Stakeholders** – National Park Service, U.S. Forest Service, U.S. Fish & Wildlife Service, EPA, state water quality agencies, conservation NGOs, state oil/gas commissions, oil/gas industry, and private landowners.

Cost Ranking: Medium

- 1) Work with EPA, state water quality agencies, conservation NGOs, state oil/gas commissions, and others to assist with compliance to drilling regulations.
- 2) Work with state oil/gas commissions and conservation NGOs to review/adopt strict environmental standards for industry.
- 3) Seek federal/state or private industry funding sources to clean up and/or mitigate for past and current pollution.
- 4) Work with oil/gas industry to minimize damage to conservation areas through road construction.
- 5) Seek funds for buyout of oil/gas drilling rights for critical habitats in priority conservation areas.

### **Box 15. Strategies for Abating Threats from Residential Development**

#### Benefits:

**Total # of conservation targets affected (# of occurrences)** – 254 (921 occ.) **Sources of stress** – development of primary homes via urban growth, secondary homes/vacation resort developments, expansion of road/utilities infrastructure, subdivisions, and septic systems

Leverage ranking - High

# Feasibility:

**Total acreage of conservation areas** – Terrestrial (4,159,724) / Aquatic (4,869,840) **States (acres)** –

Terr. - AL (1,607,376), GA (200,200), KY (208,151), TN (2,010,160), VA (109,491), WV (24,349)

Aq. - AL (2,002,730), GA (508,640), KY (1,047,762), TN (1,309,939), VA (226), WV (0)

### Ownership -

*Terr.* - Federal (659,337), State (374,038), County (4,054)

Aq. - Federal (159,956), State (117,359), County (0)

# GAP management categories (acres) -

Terr. - GAP 1 (42,730), GAP 2 (180,151), GAP 3 (783,631), GAP 4 (30,916)

Aq. - GAP 1 (34,113), GAP 2 (51,233), GAP 3 (190,311), GAP 4 (1,657)

**Key Partners/Stakeholders** – county governments, chambers of commerce, state tourism agencies, state/local planning commissions, state transportation departments, private developers, land trusts and other conservation NGOs

Cost Ranking: High

- 1) Engage key stakeholders at the local, state, regional level to create opportunities for landuse planning.
- 2) Work with local conservation groups, land trusts, & others on strategic acquisition of land/easements for high-biodiversity tracts of land.
- 3) Work with federal and state land managers to acquire inholdings and buffer areas for public landholdings in priority conservation areas.
- 4) Work with state departments of transportation to minimize effects or defray road/utility projects in priority conservation areas.
- 5) Work with county governments, tourism commissions, chambers of commerce, developers, and others to create opportunities for environmentally friendly tourism & development.
- 6) Seek opportunities for mitigation (wetlands, greenspace, etc.) to generate funds to offset lands lost to development.
- 7) Work with private investors to create opportunities for 'green' development and 'ecobased' tourism opportunities.
- 8) Assist regulatory agencies in enforcing current environmental standards for septic systems, road construction, stormwater runoff, etc.

# Implementation of the CSRV Plan

To assist with the execution of this ecoregional plan, the core planning team conducted an implementation meeting to identify the highest priority conservation areas for initiating strategies. During the meeting, the core team, various technical team members, and other experts used a spreadsheet tool developed by TNC to select 'action' sites. Action sites are conservation areas with considerable biodiversity value that are either currently or soon to be facing a critical threat, and have high potential for conservation success.

Using worksheets from the action site selection tool, conservation areas were based scored on their relative complementarity. leverage, conservation value (i.e. number/diversity of targets, biodiversity health), urgency/degree of threat, and feasibility see Box 16. A tier ranking was assigned to each criterion for conservation areas where information was known. Areas with little available information were not included in the analysis and were left as data gaps. Once ranks were completed, the action site spreadsheet tabulated a combined tier ranking and generated a response of YES, MAYBE, or NO for the suitability of the conservation area as an action site. Overall, 31 areas were listed as YES sites, 7 as MAYBE sites, and 10 as NO sites see accompanying CD.

From the spreadsheet results, meeting participants then narrowed the number of potential action sites by evaluating the current capacity and opportunities of various TNC state chapters and partners to enact conservation strategies within the highest tier-rated sites over the next 10 years. The result was a final list of conservation areas constituting TNC action sites in each state. All terrestrial (matrix, non-matrix, and functional sites), aquatic, and cave conservation areas were considered, but preference was given to highly ranked tier sites with overlapping conservation area types. Consensus of opinion was sought among represented partners on the core planning team and TNC staff, especially for cross-state areas. However, the final action site list was left to the discretion of each TNC state chapter. Selected TNC action sites for each state are as follows:

### Alabama:

(Terrestrial) – Bibb County Glades, Coosa Valley Prairies, Huntsville Mountains, Franklin/Marion/Jackson Mountains, Talladega Mountains

(Aquatic) - Paint Rock River, Upper Cahaba River

### Georgia:

(Terrestrial) - Blacks Bluff, Coosa Valley Prairies, Horseleg Mountain, Lookout & Pigeon Mountains, Pigeon Mountains, Sag Ponds

(Aquatic) Upper Conasauga River

### Kentucky:

(Terrestrial) - Big South Fork (South),
Horse Lick Creek, Pine Mountain Ridge
(East & West), Rockcastle River Corridor,
Rockcastle River (South), Upper Laurel
River Wetlands Corridor

(Aquatic) - Buck Creek, Rockcastle River, South Fork Cumberland River

#### Tennessee:

(Terrestrial) - Big South Fork (South), Clinch River & Bluffs, Emory/Obed/ Catoosa/Cumberland Mountains, Fiery Gizzard, Franklin/Marion/Jackson Mountains

(Aquatic) - Emory River, Lower Nolichucky River, Paint Rock River, South Fork Cumberland River, Upper Clinch River

#### Virginia:

(*Terrestrial*) – Cleveland, Clinch Mountain (VA), Clinch River & Bluffs, Copper Creek, High Knob, Pinnacle, The Cedars

(Aquatic) - North Fork Holston River, Powell River, Upper Clinch River

#### West Virginia:

(Terrestrial) - Gauley River, Meadow River, New River Gorge

(Aquatic) - Elk River, Upper Gauley River

#### Box 16. Action Site Selection Criteria

#### Complementarity:

<u>Tier 1</u> – No occurrence of the coarse-scale target is currently conserved or designated as a TNC action site within the ecoregional subregion.

<u>Tier 2</u> – One occurrence of the coarse-scale target is currently conserved or has been designated as a TNC action site within the ecoregional subregion.

<u>Tier 3</u> – Two or more occurrences of the coarse-scale target are currently conserved or designated as TNC action sites within the ecoregional subregion.

### Leverage:

<u>Tier 1</u> – The conservation area affords clearly-specified, demonstrable high leverage for building partnerships, tools, or funding to conserve multiple other portfolio areas, with plans and capacity to capitalize on the leverage.

<u>Tier 2</u> – The conservation area affords clearly-specified, potential high leverage for building partnerships, tools, or funding to conserve multiple other portfolio areas.

<u>Tier 3</u> – No clearly specified, demonstrable high leverage.

# **Number/Diversity of Targets:**

<u>High</u> – Large # of targets relative to other conservation areas, both terrestrial and aquatic targets, and targets at all spatial scales.

Medium – Two of above, or a moderate # of targets relative to other areas.

<u>Low</u> – One of the above, or a low # of targets relative to other areas.

### **Biodiversity Health:**

 $\underline{\text{High}}$  – The targets, overall, have very good biodiversity health based on their size, condition, and landscape context.

<u>Medium</u> – The targets, overall, have good biodiversity health based on their size, condition, and landscape context.

<u>Low</u> – The targets, overall, have fair or poor biodiversity health based on their size, condition, and landscape context.

#### **Urgency/Degree of Threat:**

<u>High</u> – A critical threat now exists or is likely to exist within 2 – 4 years.

Medium – A critical threat is likely to exist within 5 – 10 years.

<u>Low</u> – A critical threat is not likely to exist within ten years.

### **Feasibility/Opportunity to Abate Threat:**

<u>High</u> – TNC and its partners have the potential capacity to implement strategies to abate the critical threat, and there is reasonably high probability of success, and the strategies can be implemented with a reasonable expenditure of discretionary TNC funding.

<u>Medium</u> – TNC and its partners have uncertain capacity to implement strategies to abate critical threats, and the probability of success is medium, and the cost of implementing strategies is likely to be high.

<u>Low</u> – The capacity for TNC and its partners to implement strategies is unlikely to exist over the next 10 years, or the probability of success is low, or the cost of implementing strategies is excessively high.

Ultimately, a total of 44 conservation areas were selected as action sites. 29 of these sites represent terrestrial conservation areas and 15 aquatic. Though caves were not specifically selected, a total of 68 cave conservation areas are captured within the boundaries of the selected action sites.

Designation of action sites serves as a quide for TNC chapters and partners to set goals for commitment of fiscal resources and staff to the ecoregion. Action sites in this iteration of the ecoregional plan represent the most important places to begin conservation work in the CSRV. However, as conditions change over time and more information is gathered, the status of action sites may rise or fall. Regardless. it is realized that these sites may never have the same priority for all conservation groups and agencies. Implementation of various strategies within action sites will inevitably involve differing levels of interest and participation by organizations. Partners are encouraged to use data from this plan to develop more customized assessments for prioritizing their own conservation work.

#### **Resources for Implementation**

The biodiversity of the CSRV Ecoregion has long attracted the interest of a number of public agencies, conservation groups and private foundations. Hopefully, provided in conservation vision this ecoregional plan will help agencies and foundations alike to identify funding priorities. Likewise, this plan should assist TNC chapters and partner organizations with formulating strong justifications for funding needs. Finding additional funding sources is a requirement for many strategies. However, not all strategy types are financially driven. Many financial constraints can be overcome with better partnerships and sharing of resources.

To successfully implement this ecoregional plan, a concerted effort must be made to collaborate and communicate with a multitude of partners and stakeholders. Many federal and state agencies were

identified as key factors to implementation of various profiled strategies. However. much work remains to connect with specific offices and key individuals that are best suited to make decisions and initiate conservation action in the CSRV. Likewise. non-governmental other conservation groups, private landowners, and academic institutions have been mentioned in this document only in a general context. More outreach must be conducted at the local level to identify and unite with these important organizations and individuals. To achieve a sufficient scale of implementation will require the combined resources of all groups.

The Nature Conservancy and many other conservation organizations have worked hard through the years to protect the natural resources of the CSRV Ecoregion. Currently, approximately 7,000 acres of land are owned by TNC as part of a network of 30 preserves in the ecoregion. Thousands more acres have been conserved through purchase by TNC, local land trusts, historic foundations, preservation and conservation organizations. Many of the public lands currently within the CSRV Ecoregion were acquired thanks to the advocacy of these groups. The Southern Appalachian Forest Coalition has been a leader among groups in the CSRV for many years. SAFC and others have played key roles in advocating for more protection and better management of public and private lands throughout the ecoregion. Similarly, NatureServe and the network of Natural Heritage programs have been instrumental in gathering and disseminating scientific data, identifying priorities for protection, and developing conservation deals.

### **Final Steps and the Next Iteration**

Most of the conservation work directed by this ecoregional plan will occur at the state and local level. However, coordination is still needed at a higher level to monitor progress toward conservation goals and to re-assess strategies. As such, an ecoregional oversight team should continue

to meet on a regular basis to coordinate efforts among TNC chapters and partner groups. Membership on the team should constitute key leaders from each state of the CSRV, who will be tasked with implementing strategies. The success of ecoregional planning depends upon a continual process of refinement of ideas. The ecoregional oversight team will be responsible for carrying new information into the next iteration of the plan.

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# **Glossary of Terms**

**Action sites** – high priority conservation areas selected from the full portfolio of ecoregional sites where the Conservancy is committed to achieving conservation within the next 10 years. Criteria considered during the "action site" selection process are complementarity, conservation value, threats, feasibility, and leverage.

**Aquatic ecological system –** dynamic spatial assemblages of ecological communities (e.g. rivers, streams, and lakes) with similar geomorphological patterns tied together by ecological processes (e.g. hydrologic and nutrient regimes, access to floodplains) or environmental gradients (e.g. temperature, chemical and habitat volume), and form a cohesive, distinguishable unit on a hydrography map.

**Biodiversity** – the full range of natural variety and variability within and among living organisms, and the ecological and environmental complexes in which they occur. It encompasses multiple levels of organization, including genes, species, communities, and ecological systems or ecosystems.

**Coarse-filter/fine-filter approach** – a working hypothesis that assumes that conservation of multiple, viable examples of all coarse-filter targets (communities and ecological systems) will also conserve the majority of species (fine-filter targets).

**Coarse scale approach** – the first step in the portfolio assembly process where all coarse-scale targets (i.e. ecological systems or matrix plant communities which occur across a large spatial scale) are represented or "captured" in the ecoregion (including those that are feasibly restorable).

**Complementarity** – the principle of selecting action sites that complement or are "most different" from sites that are already conserved.

**Conservation area –** an area selected for inclusion in the conservation portfolio for an ecoregion, which is defined by the presence of conservation targets and their cumulative habitat/spatial requirements. Conservation areas are the focus of conservation action, and are the locus for measuring conservation success.

**Conservation goal** – in ecoregional planning, the number and spatial distribution of on-the-ground occurrences of targeted species, natural communities, and ecological systems that are needed to adequately conserve the target in an ecoregion.

**Conservation value** – a criterior in the action site selection process that is based on the number, diversity (scale, aquatic/terrestrial), and health of conservation targets.

**Conservation target –** (see Target)

**Decline/declining** – the historical or recent decrease of a conservation target through all or part of its range. Declining species exhibit significant, long-term decreases in habitat and/or numbers, are subject to a high degree of threat, or may have unique habitat or behavioral requirements that expose them to great risk.

**Disjunct** – distributional range of a species or community which is found in an ecoregion a significant distance from its primary range in other disconnected ecoregions. Disjunct species have populations that are geographically isolated.

**Distribution pattern** – the overall pattern of occurrence for a particular conservation target. In ecoregional planning, distribution patterns are often described in terms of the relative proportion of the target's natural range occurring within a given ecoregion (i.e. endemic, limited, disjunct, peripheral, and widespread).

**Ecological communities –** (see Natural communities)

**Ecological drainage unit (EDU)** – groups of watersheds (8-digit U.S. Geological Survey Hydrologic Units) within aquatic ecoregions with similar patterns of zoogeographic sources and constraints, physiography, drainage density, hydrologic characteristics and connectivity.

**Ecological land unit (ELU)** – derived units of land using spatial data sets such as digital elevation models, surficial geology, and hydrography. ELUs are defined from combinations of several of these environmental variables. In ecoregional planning, ELUs are useful tools for predicting locations of natural communities or ecological systems, when such information is lacking, and for capturing ecological variation based upon environmental factors.

**Ecological systems** – ecological systems are dynamic assemblages of native plant and/or animal communities that 1) occur together on the landscape or in the water, 2) are tied together by similar ecological processes (e.g., fire, hydrology), underlying environmental features (e.g., soils, geology), or environmental gradients (e.g., elevation).

**Ecoregion –** a relatively large geographic unit of land and water defined by the climate, vegetation, geology, and other ecological and environmental patterns.

**Element occurrence (EO)** – a term originating from methodology of the Natural Heritage Program network that refers to species, natural communities, or other entities (e.g. migratory bird stopovers, ecological systems) of biodiversity that serve as both conservation targets and as units for organizing and tracking information.

**Endemic –** distributional range of a species or community which primarily or only occurs in one ecoregion.

**Exotic species** – nonindigenous species which have been introduced either intentionally or accidentally into areas outside their natural range.

**Feasibility** – a principle used in ecoregional planning to select Action Sites by evaluating the staff capacity of the Conservancy and other partners to abate threats, the probability of success, and the financial costs of implementation.

**Fine-filter approach** – to ensure that the coarse-fine filter strategy adequately captures all viable, native species and ecological communities, ecoregional planning teams also target species that cannot be reliable conserved through the coarse-filter approach and may require individual attention through the fine-filter approach. Wide-ranging, very rare, extremely localized, narrowly endemic, or keystone species are all likely to need fine-filter strategies.

**Fine-filter/coarse-filter approach –** (see Coarse-filter/fine-filter approach)

**Functional site** – small conservation areas which maintain targets and their supporting ecological processes within their natural ranges of variability. A functional site will conserve a small number of ecological systems, natural communities, or species at one or two scales below the regional scale; and targets tend to be relatively few, often sharing similar ecological processes.

**Functional landscape** – conservation areas which capture a large number of ecological systems, natural communities, and species at all scales below regional. Functional landscapes are similar to functional sites in that they both maintain targets and their supporting ecological process within their natural ranges of variability. However, functional landscapes differ often by the scale of ecological systems/natural communities captured (e.g. matrix communities).

**Functionality** – refers to a principle during the portfolio assembly process where all sites in the conservation portfolio are ensured as being functional or feasibly restorable to a functional condition. Such areas maintain the size, condition, and landscape context within the natural range of variability of the perspective conservation targets.

**Global rank** – a numeric assessment of a biological element's relative imperilment and conservation status across its range of distribution ranging from G1 (critically imperiled) to G5 (secure). Assigned by the Natural Heritage Programs, global ranks for species and natural communities are determined primarily by the number of occurrences or total area of coverage (communities only), modified by other factors such as condition, historic trend in distribution or condition, vulnerability, and threats.

**Irreplaceable –** refers to the single most outstanding example of a target species, natural community, or ecological system; or a population that is critical to a species remaining extant and not going extinct.

**Large-patch community** – a natural community that forms large areas of interrupted cover. Individual occurrences of this community patch type typically range in size from 50 to 2,000 hectares (app. 50 to 500 acres). Large-patch communities are associated with environmental conditions that are more specific than those of matrix communities, and are less common or less extensive in the landscape. Like matrix communities, large-patch communities are also influenced by large-scale processes, but these tend to be modified by specific site features that influence the community.

**Leverage** – the principle of selecting action sites by evaluating if conservation at a site will influence conservation elsewhere, if the site provides an opportunity to test a strategy, or if staff or a mechanism exists to help export conservation experience from one site to others.

**Limited** – distributional range of a species or natural community which occurs in the ecoregion and within a few other adjacent ecoregions.

**Matrix community** – natural communities that form extensive and contiguous cover over a broad range. Matrix communities occur on the most extensive landforms and typically have wide ecological tolerances. They may be characterized by a complex mosaic of successional stages resulting from characteristic disturbance processes. Individual occurrences range in size from 2,000 to 500,000 hectares (app. 5,000 to over 1.2 million acres). Matrix community types are often influenced by large-scale processes (e.g. climate patterns, fire) and are important habitat for wide-ranging or large area-dependent fauna, such as large herbivores or birds.

**Metadata** – documents the content, source, reliability, and other characteristics of data. Metadata are particularly important in the iterative ecoregional planning process because this documentation will expedite the review of existing tabular and geospatial data sets when an ecoregional plan is revisited and will minimize the likelihood of "lost" data.

**Natural communities** – terrestrial plant communities of definite floristic composition, uniform habitat conditions, and uniform physiognomy. Natural communities are defined by the finest level of classification, the "plant association" level of the National Vegetation Classification. Like ecological systems, natural plant communities are characterized by both a biotic and abiotic component. Even though natural communities are classed based upon dominant vegetation, they are also used as inclusive conservation units that include all component species (plant and animal) and the ecological processes that support them.

**Occurrence** – a spatially referenced population of a species or a location of a natural plant community or ecological system. Many occurrences are tracked by the various Natural Heritage Programs and are known as Element Occurrences. Occurrences may also be more loosely defined locations delineated through the definition/mapping or other spatial data or through the identification of areas by experts.

**Peripheral** – distributional range of a species or community which rarely occurs in the ecoregion and is more common in other nearby ecoregions.

**Portfolio** – the suite of conservation areas within an ecoregion selected to represent and conserve the conservation targets and their genetic and ecological variation.

**Representation** – a principle of reserve selection and design referring to the capture of the full spectrum of biological and environmental variation within a network of reserves or conservation areas (sites), including all genotypes, species, communities, ecosystems, habitats, and landscapes.

**Site** – (see Conservation area)

**Small-patch community** – natural plant communities that form small, discrete areas of vegetative cover. Individual occurrences of this community type typically range in size from 1 to 50 hectares (or approximately 2 to 125 acres). Small-patch communities occur in very specific ecological settings, such as on specialized landform types or in unusual microhabitats. The specialized conditions of small patch communities, however, are often dependent on the maintenance of ecological processes in the surrounding matrix and large-patch communities. In many ecoregions, small-patch communities contain a disproportionately large percentage of the total flora, and also support a specific and restricted set of associated fauna (e.g. invertebrates or herpetofauna) dependent on specialized conditions.

**Source (of stress)** – an extraneous factor, either human (i.e. activities, policies, land uses) or biological (e.g. non-native species), that infringes upon a conservation target in a way that results in stress.

**Stratification (unit)** – a hierarchical division of an ecoregion into nested, progressively smaller geographic units. Spatial stratification is used to represent each conservation target across its range of variation (in internal composition and landscape setting) within the ecoregion, to ensure

long-term viability of the type by buffering against degradation in one portion of its range, and to allow for possible geographic variation.

**Stress** – something which impairs or degrades the size, condition, or landscape context of a conservation target, resulting in reduced viability.

**Target –** Specific components of biodiversity used to design ecoregional portfolios and develop and prioritize conservation strategies. Conservation targets consist of ecological systems, natural communities, and species.

**Threat –** the combined concept of ecological stresses to a target and the sources of that stress to the target.

**Urgency** – a qualitative measure referring to the immediacy of severe threats – taking into account how severe the threat is and how likely it is to destroy or seriously degrade the targets.

**Viable/viability** – the ability of a species to persist for many generations or a natural community or ecological system to persist over some time period. An assessment of viability will often focus on the minimum area and number of occurrences necessary for persistence.

**Widespread** – distributional range of a species or natural community which is typically found in the ecoregion, but common in many others also; the bulk of distribution may be elsewhere however.

# Appendix A.

**Conservation Targets for the CSRV Ecoregion** 

Aquatic Animals			
Element Code	Scientific Name	Common Name	G-Rank
AAAAC01010	Cryptobranchus alleganiensis	Hellbender	G4
AAAAE01010	Necturus alabamensis	Black Warrior Waterdog	G2
AFBAA01010	Ichthyomyzon bdellium	Ohio Lamprey	G3G4
AFC4E02??2	Cottus sp.	Fivemile Sculpin	?
AFC4E02??3	Cottus sp. cf. C. bairdi	Tallapoosa Sculpin	?
AFC4E02040	Cottus baileyi	Black Sculpin	G3
AFC4E02210	Cottus paulus	Pygmy Sculpin	G1
AFC4E02300	Cottus sp.	Clinch Sculpin	G2
AFCAA01020	Acipenser fulvescens	Lake Sturgeon	G3
AFCAB01010	Polyodon spathula	Paddlefish	G4
AFCJB14010	Hemitremia flammea	Flame Chub	G3
AFCJB15??1	Hybopsis sp. cf. H. winchelli	(undescribed chub)	?
AFCJB15040	Hybopsis lineapunctata	Lined Chub	G3
AFCJB28100	Notropis ariommus	Popeye Shiner	G3
AFCJB28A90	Notropis albizonatus	Palezone Shiner	G1
AFCJB28B20	Notropis rupestris	Bedrock Shiner	G2
AFCJB28B60	Notropis cahabae	Cahaba shiner	G2
AFCJB28X40	Notropis sp. cf. N. spectrunculus	Sawfin Shiner	G3G4
AFCJB31010	Phoxinus cumberlandensis	Blackside Dace	G2
AFCJB31060	Phoxinus tennesseensis	Tennessee Dace	G3
AFCJB31070	Phoxinus saylori	Laurel Dace	G1
AFCJB49020	Cyprinella caerulea	Blue Shiner	G2
AFCJB49150	Cyprinella monacha	Spotfin Chub	G2
AFCJB50010	Erimystax cahni	Slender Chub	G1
AFCJB52030	Lythrurus bellus alegnotus	Pretty Shiner	G5
AFCJB53??1	Macrhybopsis sp. cf. M. aestivalis	(undescribed chub)	?
AFCJB53050	Macrhybopsis sp. cf. M. aestivalis	(undescribed chub)	?
AFCJC04010	Cycleptus elongatus	Blue Sucker	G3G4
AFCJC13010	Thoburnia atripinnis	Blackfin Sucker	G2
AFCKA02??1	Noturus sp. cf. N. munitus	Coosa Madtom	?
AFCKA02060	Noturus flavipinnis	Yellowfin Madtom	G1
AFCKA02170	Noturus munitus	Frecklebelly Madtom	G3
AFCKA02210	Noturus stanauli	Pygmy Madtom	G1
AFCKA02270	Noturus sp. cf. N. elegans	Chucky Madtom	G1
AFCLA04010	Typhlichthys subterraneus	Southern Cavefish	G4
AFCNB04240	Fundulus julisia	Barrens Topminnow	G1
AFCQC01040	Ammocrypta clara	Western Sand Darter	G3
AFCQC02??1	Etheostoma sp. cf. E. bellator	Sipsey Darter	?
AFCQC02??2	Etheostoma sp. cf. E. bellator	Locust Fork Darter	?
AFCQC02??3	Etheostoma sp. cf. E. brevirostrum	(undescribed darter)	?
AFCQC02??7	Etheostoma sp. cf. E. lachneri	Fall Line Tombigbee Darter	?
AFCQC02??8	Etheostoma sp. cf. E. ramseyi	Fall Line Alabama Darter	?
AFCQC02??9	Etheostoma sp. cf. E. zonistium	Blueface Darter	?
AFCQC02080	Etheostoma boschungi	Slackwater Darter	G1
AFCQC02130	Etheostoma cinereum	Ashy Darter	G2

Aquatic Animals			
Element Code	Scientific Name	Common Name	G-Rank
AFCQC02190	Etheostoma ditrema	Coldwater Darter	G1G2
AFCQC02420	Etheostoma maculatum	Spotted Darter	G2
AFCQC02500	Etheostoma nuchale	Watercress Darter	G1
AFCQC02550	Etheostoma osburni	Candy Darter	G3
AFCQC02660	Etheostoma sagitta sagitta	Arrow Darter	G3G4
AFCQC02661	Etheostoma sagitta spilotum	Arrow Darter	G3G4
AFCQC02800	Etheostoma tippecanoe	Tippecanoe Darter	G3
AFCQC02810	Etheostoma trisella	Trispot Darter	G1
AFCQC02820	Etheostoma tuscumbia	Tuscumbia Darter	G2
AFCQC02890	Etheostoma acuticeps	Sharphead Darter	G3
AFCQC02A10	Etheostoma vulneratum	Wounded Darter	G3
AFCQC02A30	Etheostoma chermocki	Vermilion Darter	G1
AFCQC02A40	Etheostoma brevirostrum	Holiday Darter	G2
AFCQC02B10	Etheostoma douglasi	Tuskaloosa Darter	G2
AFCQC02B20	Etheostoma chuckwachatte	Lipstick Darter	G2G3
AFCQC02B30	Etheostoma forbesi	Barrens Darter	G1
AFCQC02C20	Etheostoma denoncourti	Golden Darter	G2
AFCQC02C30	Etheostoma sp. cf. E. ditrema	Lower Coosa Darter	G1G2Q
AFCQC02C40	Etheostoma sp. cf. E. ditrema	Upper Coosa Darter	G1G2Q
AFCQC02D40	Etheostoma susanae	Cumberland Johnny Darter	G1
AFCQC02D50	Etheostoma phytophilum	Rush Darter	G1
AFCQC02X30	Etheostoma percnurum	Duskytail Darter	G1
AFCQC02X80	Etheostoma bellator	Warrior Darter	G2
AFCQC02XD0	Etheostoma sp. cf. E. stigmaeum	Bluemask or Jewel Darter	G1
AFCQC02XJ0	Etheostoma scotti	Cherokee Darter	G2
AFCQC04010	Percina antesella	Amber Darter	G1G2
AFCQC04020	Percina aurantiaca	Tangerine Darter	G4
AFCQC04030	Percina aurolineata	Goldline Darter	G2
AFCQC04040	Percina burtoni	Blotchside Logperch	G2
AFCQC04110	Percina lenticula	Freckled Darter	G2
AFCQC04120	Percina macrocephala	Longhead Darter	G3
AFCQC04280	Percina squamata	Olive Darter	G2
AFCQC04290	Percina tanasi	Snail Darter	G2G3
AFCQC04320	Percina jenkinsi	Conasauga Logperch	G1
AFCQC04340	Percina sp. cf. P. macrocephala	Upland Bridled Darter	G1Q
AFCQC04350	Percina brevicauda	Coal Darter	G2
AFCQC04390	Percina sp. cf. P. macrocephala	Warrior Bridled Darter	G1Q
AFCQC04X30	Percina sp. cf. P. macrocephala	Muscadine Bridled Darter	G2Q
AFCQC05030	Stizostedion sp. cf. S. vitreum	Southern Walleye	G3
ARAAE02020	Sternotherus depressus	Flattened Musk Turtle	G2
ICMAL07030	Cambarus bouchardi	Big South Fork Crayfish	G2G3
ICMAL07450	Cambarus cymatilis	(a crayfish)	G1
ICMAL07480	Cambarus englishi	(a crayfish)	G3
ICMAL07690	Cambarus pristinus	(a crayfish)	G1
ICMAL07830	Cambarus veteranus	(a crayfish)	G3

Aquatic Animals			
Element Code	Scientific Name	Common Name	G-Rank
ICMAL07870	Cambarus elkensis	Elk River Crayfish	G2
IIODO12210	Ophiogomphus alleghaniensis	Allegheny Snaketail	G3Q
IMBIV02020	Alasmidonta atropurpurea	Cumberland Elktoe	G1G2
IMBIV02040	Alasmidonta marginata	Elktoe	G4
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5
IMBIV03030	Amblema elliottii	Coosa Fiveridge	G3
IMBIV06010	Arcidens confragosus	Rock Pocketbook	G4
IMBIV08010	Cumberlandia monodonta	Spectaclecase	G2G3
IMBIV10020	Cyprogenia stegaria	Fanshell	G1
IMBIV12010	Dromus dromas	Dromedary Pearlymussel	G1
IMBIV13010	Ellipsaria lineolata	Butterfly	G4
IMBIV14030	Elliptio arca	Alabama Spike	G3Q
IMBIV14040	Elliptio arctata	Delicate Spike	G3G4
IMBIV16030	Epioblasma brevidens	Cumberlandian Combshell	G1
IMBIV16040	Epioblasma capsaeformis	Oyster Mussel	G1
IMBIV16062	Epioblasma florentina walkeri	Tan Riffleshell	G1T1
IMBIV16100	Epioblasma metastriata	Upland Combshell	GH
IMBIV16120	Epioblasma othcaloogensis	Southern Acornshell	GHQ
IMBIV16130	Epioblasma penita	Southern Combshell	G1
IMBIV16181	Epioblasma torulosa gubernaculum	Green Blossom	G2TX
IMBIV16190	Epioblasma triquetra	Snuffbox	G2
IMBIV17020	Fusconaia barnesiana	Tennessee Pigtoe	G2G3
IMBIV17040	Fusconaia cor	Shiny Pigtoe	G1
IMBIV17050	Fusconaia cuneolus	Finerayed Pigtoe	G1
IMBIV17120	Fusconaia subrotunda	Longsolid	G3
IMBIV20010	Hemistena lata	Cracking Pearlymussel	G1
IMBIV21010	Lampsilis altilis	Finelined Pocketbook	G2
IMBIV21110	Lampsilis abrupta	Pink Mucket	G2
IMBIV21120	Lampsilis ornata	Southern Pocketbook	G5
IMBIV21140	Lampsilis perovalis	Orangenacre Mucket	G2
IMBIV22011	Lasmigona complanata alabamensis	Alabama Heelsplitter	G5T2T3
IMBIV22050	Lasmigona holstonia	Tennessee Heelsplitter	G3
IMBIV23010	Lemiox rimosus	Birdwing Pearlymussel	G1
IMBIV25010	Lexingtonia dolabelloides	Slabside Pearlymussel	G2
IMBIV26020	Ligumia recta	Black Sandshell	G5
IMBIV28010	Medionidus acutissimus	Alabama Moccasinshell	G1
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4
IMBIV28040	Medionidus parvulus	Coosa Moccasinshell	G1
IMBIV31010	Obovaria jacksoniana	Southern Hickorynut	G1G2
IMBIV31060	Obovaria unicolor	Alabama Hickorynut	G3
IMBIV32010	Pegias fabula	Littlewing Pearlymussel	G1
IMBIV34010	Plethobasus cicatricosus	White Wartyback	G1
IMBIV34020	Plethobasus cooperianus	Orangefoot Pimpleback	G1
IMBIV34030	Plethobasus cyphyus	Sheepnose	G3
IMBIV35050	Pleurobema chattanoogaense	Painted Clubshell	G1

Aquatic Animals			
Element Code	Scientific Name	Common Name	G-Rank
IMBIV35090	Pleurobema cordatum	Ohio Pigtoe	G3
IMBIV35110	Pleurobema decisum	Southern Clubshell	G1G2
IMBIV35130	Pleurobema furvum	Dark Pigtoe	G1
IMBIV35140	Pleurobema georgianum	Southern Pigtoe	G1
IMBIV35150	Pleurobema gibberum	Cumberland Pigtoe	G1
IMBIV35160	Pleurobema hanleyianum	Georgia Pigtoe	G1
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	G3
IMBIV35230	Pleurobema perovatum	Ovate Clubshell	G1
IMBIV35240	Pleurobema plenum	Rough Pigtoe	G1
IMBIV35250	Pleurobema rubrum	Pyramid Pigtoe	G2
IMBIV35310	Pleurobema troshelianum	Alabama Clubshell	G1
IMBIV37030	Potamilus capax	Fat Pocketbook	G1
IMBIV37040	Potamilus inflatus	Alabama Heelsplitter	G1
IMBIV38020	Ptychobranchus greenii	Triangular Kidneyshell	G1
IMBIV38050	Ptychobranchus subtentum	Fluted Kidneyshell	G2G3
IMBIV39??1	Quadrula archeri	Tallapoosa Orb	?
IMBIV39041	Quadrula cylindrica cylindrica	Rabbitsfoot	G3T3
IMBIV39042	Quadrula cylindrica strigillata	Rough Rabbitsfoot	G3T2
IMBIV39070	Quadrula intermedia	Cumberland Monkeyface	G1
IMBIV39140	Quadrula rumphiana	Ridged Mapleleaf	G3
IMBIV39150	Quadrula sparsa	Appalachian Monkeyface	G0
IMBIV39190	Quadrula kierneriana	Coosa Orb	G3Q
IMBIV42010	Strophitus conasaugensis	Alabama Creekmussel	G3
IMBIV42020	Strophitus subvexus	Southern Creekmussel	G3
IMBIV43020	Toxolasma cylindrellus	Pale Lilliput	G1
IMBIV43031	Toxolasma lividus lividus	Purple Lilliput	G2T1
IMBIV45020	Truncilla donaciformes	Fawnsfoot	G5
IMBIV47050	Villosa fabalis	Rayed Bean	G1G2
IMBIV47080	Villosa nebulosa	Alabama Rainbow	G3
IMBIV47110	Villosa perpurpurea	Purple Bean	G1
IMBIV47130	Villosa taeniata	Painted Creekshell	G3G4
IMBIV47140	Villosa trabalis	Cumberland Bean	G1
IMBIV47152	Villosa vanuxemensis umbrans	Coosa Creekshell	G4T2
IMGASE8010	Lioplax cyclostomaformis	Cylindrical Lioplax	G1
IMGASE9010	Tulotoma magnifica	Tulotoma Snail	G1
IMGASH2010	Lyperium showalteri	Flat Pebblesnail	G1
IMGASJ0050	Pyrgulopsis scalariformis	Moss Pyrg	G1
IMGASJ0450	Pyrgulopsis ogmorhaphe	Royal Springsnail	G1
IMGASJ5010	Stiobia nana	Sculpin Snail	G3
IMGASK2040	Elimia ampla	Ample Elimia	G1
IMGASK2050	Elimia annettae	Lily Shoals Elimia	G1Q
IMGASK2090	Elimia bellacrenata	Princess Elimia	G1
IMGASK2100	Elimia bellula	Walnut Elimia	G1
IMGASK2110	Elimia bentoniensis	Rusty Elimia	G1
IMGASK2160	Elimia capillaris	Spindle Elimia	G1

Aquatic Animals			
Element Code	Scientific Name	Common Name	G-Rank
IMGASK2200	Elimia chiltonensis	Prune Elimia	G1
IMGASK2210	Elimia clara	Riffle Elimia	G3
IMGASK2240	Elimia cochliaris	Cockle Elimia	G1
IMGASK2260	Elimia comma	Hispid Elimia	G1
IMGASK2280	Elimia crenatella	Lacy Elimia	G1
IMGASK2370	Elimia flava	Yellow Elimia	G4
IMGASK2400	Elimia haysiana	Silt Elimia	G1
IMGASK2410	Elimia hydei	Gladiator Elimia	G2
IMGASK2480	Elimia nassula	Round-rib Elimia	G1
IMGASK2540	Elimia porrecta	Nymph Elimia	G1
IMGASK2630	Elimia striatula	File Elimia	GU
IMGASK2670	Elimia teres	Elegant Elimia	G1
IMGASK2680	Elimia troostiana	Mossy Elimia	G1G2
IMGASK2900	Elimia ornata	Ornate Elimia	G3
IMGASK3010	lo fluvialis	Spiny Riversnail	G2
IMGASK5??2	Leptoxis downiei	Georgia Rocksnail	?
IMGASK5010	Leptoxis ampla	Round Rocksnail	G1G2
IMGASK5090	Leptoxis plicata	Plicate Rocksnail	G1
IMGASK5100	Leptoxis praerosa	Onyx Rocksnail	G1G3
IMGASK5110	Leptoxis taeniata	Painted Rocksnail	G1
IMGASK5141	Leptoxis crassa anthonyi	Anthony Riversnail	G1T1
IMGASK5180	Leptoxis melanoides	Black Mudalia	G2
IMGASK6042	Lithasia geniculata pinguis	(a snail)	G3G4T?
IMGASK6060	Lithasia jayana	Rugose Rocksnail	G2
IMGASK7??1	Pleurocera unicale	(a snail)	G?
IMGASK7020	Pleurocera alveare	Rugged Hornsnail	G3G4
IMGASK7030	Pleurocera annulifera	Ringed Hornsnail	G1
IMGASK7080	Pleurocera foremani	Rough Hornsnail	G1Q
IMGASK7090	Pleurocera gradatum	Bottle Hornsnail	G3
IMGASK7150	Pleurocera showalteri	Upland Hornsnail	G1Q
IMGASK7160	Pleurocera trochiformis	Sulcate Hornsnail	G2
IMGASK7190	Pleurocera walkeri	Telescope Hornsnail	G1
IMGASV3010	Antrorbis breweri	(a snail)	G1

Aquatic S	ystems		
AS-EDU			
Code	EDU Name	Aquatic System Description	G-Rank
A001-1.03	Tennessee River -	Large Ridge and Valley rivers, origin in Blue Ridge and	
	Cumberland Plateau	Ridge and Valley	na
A001-1.05	Lower Tennessee River	Large Ridge and Valley rivers, origin in Blue Ridge and	
		Ridge and Valley	na
A001-4.02	Coosa River	Large Ridge and Valley rivers, origin in Blue Ridge and	
		Ridge and Valley	na
A003-1.05	Lower Tennessee River	Large Nashville Basin and Highland Rim rivers, origin in	
		Blue Ridge and Ridge and Valley	na
B001-1.01	Tennessee River - Ridge	Medium Ridge and Valley rivers, origin in the Blue	
5004 400	and Valley	Ridge/Ridge and Valley	na
B001-4.02	Coosa River	Medium Ridge and Valley rivers, origin in the Blue	
0004.4.04		Ridge/Ridge and Valley	na
C001-1.01	Tennessee River - Ridge	Small Ridge and Valley rivers, origin in Ridge and Valley	
0004 4 00	and Valley	Constituidos and valles divers existin in Didne and Valles	na
C001-1.03	Tennessee River -	Small ridge and valley rivers, origin in Ridge and Valley	no
C001-4.02	Constant Plateau	Cmall ridge and valley rivers, origin in ridge and valley	na
C001-4.02 C002-1.01	Coosa River Tennessee River - Ridge	Small ridge and valley rivers, origin in ridge and valley Small Ridge and Valley River, origin in the Cumberland	na
C002-1.01	_	Plateau	na
C002-1.03	and Valley Tennessee River -	Small Ridge and Valley River, origin in the Cumberland	na
C002-1.03	Cumberland Plateau	Plateau	na
C003-1.02	Tennessee River - Blue	Small Ridge and Valley rivers, origin in the Blue	Ha
C003-1.02	Ridge	Ridge/Piedmont	na
C003-4.02	Coosa River	Small Ridge and Valley rivers, origin in the Blue	Πα
0000-4.02	Coosa Niver	Ridge/Piedmont	na
C004-4.03	Cahaba River	Small Ridge and Valley rivers in sandstones, origin in	110
		Ridge and Valley limestones	na
C005-1.06	Cumberland Mountain	Small Cumberland Mountain/Coal Fields rivers, origin in	
		the Cumberland Mountains	na
C006-1.03	Tennessee River -	Small Cumberland Plateau rivers, in moderate elevation,	
	Cumberland Plateau	origin in Cumberland Plateau	na
C006-1.06	Cumberland Mountain	Small Cumberland Plateau rivers, in moderate elevation,	
		origin in Cumberland Plateau	na
C006-1.07	Upper Cumberland River	Small Cumberland Plateau rivers, in moderate elevation,	
		origin in Cumberland Plateau	na
C006-4.02	Coosa River	Small Cumberland Plateau rivers, in moderate elevation,	
		origin in Cumberland Plateau	na
C006-5.01	Kentucky/Licking Rivers	Small Cumberland Plateau rivers, in moderate elevation,	
		origin in Cumberland Plateau	na
C007-4.05	Upper Black Warrior River	Small Cumberland Plateau rivers, in low elevation, origin	
		in Cumberland Plateau	na
C008-1.05	Lower Tennessee River	Small Cumberland Plateau rivers, origin in Highland Rim	na
C009-1.07	Upper Cumberland River	Small Highland Rim rivers, origin in the Cumberland	i i a
3009-1.07	Oppor Guillbellalla Nivel	Plateau	na
C010-1.05	Lower Tennessee River	Small Highland Rim rivers, origin in Highland Rim	na
C010-1.03	Tennessee River - Blue	Small Blue Ridge rivers, origin in Blue Ridge	i iu
0012 1.02	Ridge	Sinaii Bido Mago Moro, origin in Bido Mago	na
C014-4.01	Tallapoosa River	Small Piedmont rivers, origin in Piedmont	na

Aquatic S	<u>y</u> stems		
AS-EDU			
Code	EDU Name	Aquatic System Description	G-Rank
C016-4.06	Upper Tombigbee/Lower	Small Coastal Plain rivers, origin in the Cumberland	
	Black Warrior Rivers	Plateau	na
C018-4.06	Upper Tombigbee/Lower	Small Coastal Plain rivers, origin in Coastal Plain	
	Black Warrior Rivers		na
C038-5.02	Lower	Small Coal Fields rivers with origin in the Alleghany	
	Kanawha/Guyandotte	Mountains	
0000 5 00	Rivers	0 10 15:11 : 20 :::: 11 All 1	na
C038-5.03	Upper Kanawha River	Small Coal Fields rivers with origin in the Alleghany	
D001-1.01	Tonnoggo Divor Didgo	Mountains  Didge and Valley streems	na
D001-1.01	Tennessee River - Ridge and Valley	Ridge and Valley streams	na
D002-1.01	Tennessee River - Ridge	Ridge and Valley streams	na
D002-1.01	and Valley	Riuge and valley streams	na
D002-4.02	Coosa River	Ridge and Valley streams	na
D002-4.02 D003-1.01	Tennessee River - Ridge	Ridge and Valley streams	Πα
D005-1.01	and Valley	Triage and valley streams	na
D003-1.02	Tennessee River - Blue	Ridge and Valley streams	110
20002	Ridge	Thage and valley execute	na
D003-1.03	Tennessee River -	Ridge and Valley streams	
	Cumberland Plateau		na
D003-4.02	Coosa River	Ridge and Valley streams	na
D003-4.03	Cahaba River	Ridge and valley streams	na
D004-1.03	Tennessee River -	Ridge and Valley streams	
	Cumberland Plateau		na
D004-4.02	Coosa River	Ridge and Valley streams	na
D005-4.02	Coosa River	Ridge and Valley streams	na
D006-1.01	Tennessee River - Ridge	Ridge and Valley streams	
	and Valley		na
D007-1.01	Tennessee River - Ridge	Ridge and Valley streams	
	and Valley		na
D008-1.01	Tennessee River - Ridge	Ridge and Valley streams	
	and Valley		na
D008-1.02	Tennessee River - Blue	Ridge and Valley streams	
D000 4 02	Ridge Tennessee River -	Didge and Valley streems	na
D008-1.03	Cumberland Plateau	Ridge and Valley streams	no
D012-4.03	Cahaba River	Ridge and Valley streams, limestone to sandstone	na na
D012-4.05	Upper Black Warrior River	Ridge and Valley streams, limestone to sandstone	na
D012-4.05 D013-4.05	Upper Black Warrior River	Ridge and Valley streams, sandstone to sandstone	na
D013-4.03 D014-4.03	Cahaba River	Ridge and Valley streams, in sandstones	na
D015-1.03	Tennessee River -	Transitional streams, Cumberland Plateau to Ridge and	i iu
2010 1.00	Cumberland Plateau	Valley, escarpment	na
D016-1.03	Tennessee River -	Transitional streams, Cumberland Plateau to Ridge and	
_ 0.0 1.00	Cumberland Plateau	Valley, escarpment	na
D018-1.01	Tennessee River - Ridge	Transitional streams, Cumberland Plateau to Ridge and	
	and Valley	Valley	na
D019-1.01	Tennessee River - Ridge	Transitional streams, Cumberland Plateau to Ridge and	
	and Valley	Valley	na
D021-1.03	Tennessee River -	Ridge and Valley streams, few headwaters in plateau	
	Cumberland Plateau	sandstones	na

Aquatic S	ystems		
AS-EDU			
Code	EDU Name	Aquatic System Description	G-Rank
D021-1.05	Lower Tennessee River	Ridge and Valley streams, few headwaters in plateau	
		sandstones	na
D022-1.06	Cumberland Mountain	Cumberland mountain streams	na
D023-1.01	Tennessee River - Ridge	Cumberland mountain streams	
	and Valley		na
D023-1.06	Cumberland Mountain	Cumberland mountain streams	na
D023-5.01	Kentucky/Licking Rivers	Cumberland mountain streams	na
D023-5.02	Lower	Cumberland mountain streams	
	Kanawha/Guyandotte		
	Rivers		na
D023-5.03	Upper Kanawha River	Cumberland mountain streams	na
D024-1.03	Tennessee River -	Cumberland mountain, plateau streams	
5004400	Cumberland Plateau		na
D024-1.06	Cumberland Mountain	Cumberland mountain, plateau streams	na
D024-4.02	Coosa River	Cumberland mountain, plateau streams	na
D024-4.05	Upper Black Warrior River	Cumberland mountain, plateau streams	na
D025-1.03	Tennessee River -	Cumberland mountain, plateau streams	
D00= 4.0=	Cumberland Plateau		na
D025-4.05	Upper Black Warrior River	Cumberland mountain, plateau streams	na
D026-1.07	Upper Cumberland River	Transitional streams Cumberland Plateau to Highland Rim	na
D028-1.06	Cumberland Mountain	Cumberland Plateau streams headwaters in limestones	na
D029-1.07	Upper Cumberland River	Highland Rim streams, some headwaters in plateau sandstones	na
D030-1.05	Lower Tennessee River	Highland Rim streams	na
D030-1.07	Upper Cumberland River	Highland Rim streams	na
D032-1.07	Upper Cumberland River	Highland Rim streams	na
D039-1.02	Tennessee River - Blue Ridge	Transitional streams, Blue Ridge to Ridge and Valley	na
D040-1.02	Tennessee River - Blue	Transitional streams, Blue Ridge to Ridge and Valley	
20.002	Ridge	Translational salesante, 2100 i nuge to i nuge and i anely	na
D040-4.02	Coosa River	Transitional streams, Blue Ridge to Ridge and Valley	na
D041-4.02	Coosa River	Transitional streams, Piedmont to Ridge and Valley	na
D043-4.02	Coosa River	Piedmont streams, headwaters in limestones	na
D044-1.02	Tennessee River - Blue	Blue Ridge streams	
	Ridge		na
D049-4.01	Tallapoosa River	Piedmont streams	na
D049-4.02	Coosa River	Piedmont streams	na
D050-1.02	Tennessee River - Blue	Blue Ridge streams	no
D057 4 04	Ridge Tallapoosa River	Piedmont streams	na
D057-4.01	•		na
D057-4.02	Coosa River	Piedmont streams	na
D058-4.01	Tallapoosa River	Piedmont streams on manadageke	na
D061-4.01	Tallapoosa River	Piedmont streams, on monadnocks	na
D064-4.01	Tallapoosa River	Piedmont streams	na
D069-4.03	Cahaba River	transitional streams, coastal plain to ridge and valley	na
D070-4.05	Upper Black Warrior River	Transitional streams, Cumberland Plateau to Coastal Plain	na

<b>Aquatic S</b>	Aquatic Systems			
AS-EDU				
Code	EDU Name	Aquatic System Description	G-Rank	
D070-4.06	Upper Tombigbee/Lower	Transitional streams, Cumberland Plateau to Coastal		
	Black Warrior Rivers	Plain	na	
	Upper Tombigbee/Lower			
D076-4.06	Black Warrior Rivers	Coastal Plain streams	na	
D077-4.06	Upper Tombigbee/Lower	Coastal Plain streams		
	Black Warrior Rivers		na	
D080-4.06	Upper Tombigbee/Lower	Coastal Plain streams, in gravels and sands		
	Black Warrior Rivers	-	na	
D123-5.02	Lower	High Allegheny Mountains streams, with headwaters in		
	Kanawha/Guyandotte	limestone, shale		
	Rivers		na	
D123-5.03	Upper Kanawha River	High Allegheny Mountains streams	na	
D124-5.02	Lower	High Allegheny Mountains streams		
	Kanawha/Guyandotte			
	Rivers		na	
D124-5.03	Upper Kanawha River	High Allegheny Mountains streams	na	
D125-5.02	Lower	Alleghany Plateau streams, shale and sandstone		
	Kanawha/Guyandotte			
	Rivers		na	

Natural Plant	Natural Plant Communities			
Element Code	Scientific Name	Common/Group Name	G-Rank	
CECX001000	Nashville Basin/Moulton Valley Limestone Glade Complex	Nashville Basin/Moulton Valley Limestone Glade Complex	na	
CEGL002596	Thuja occidentalis / Carex eburnea - Pellaea atropurpurea Woodland	Appalachian Cliff White- cedar Woodland	G2G3	
CEGL003560	Pinus echinata / Schizachyrium scoparium Appalachian Woodland	Shortleaf Pine / Little Bluestem Appalachian Woodland	G2	
CEGL003606	Pinus palustris - Pinus echinata - Pinus taeda / Kalmia latifolia - Vaccinium pallidum Woodland	Montane Mixed Longleaf Woodlands	G1?	
CEGL003617	Pinus rigida / Schizachyrium scoparium - Sorghastrum nutans - Baptisia tinctoria Woodland	Appalachian Pitch and Table Mountain Pine Woodlands	G2?	
CEGL003737	Acer rubrum var. trilobum / Alnus serrulata / Calamagrostis coarctata Saturated Woodland	Interior Streamhead Seepage Swamps	G2G3	
CEGL003758	Juniperus virginiana var. virginiana - Quercus muehlenbergii - (Quercus austrina) / Croton alabamensis Woodland	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G1	
CEGL003836	Arundinaria gigantea ssp. gigantea Shrubland	Unforested Floodplain Canebrake	G2?	
CEGL003914	Alnus serrulata - Rhododendron arborescens / Sarracenia oreophila - Rhynchospora rariflora Shrubland	Appalachian Bogs, Fens, and Seeps	G1	
CEGL003937	Juniperus virginiana var. virginiana - Croton alabamensis - Andrachne phyllanthoides / Carex eburnea Shrubland	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G1	
CEGL004061	Schizachyrium scoparium - Danthonia sericea - Liatris microcephala - (Aster surculosus) Wooded Herbaceous Vegetation	Appalachian Sandstone Glades and Barrens	G2Q	
CEGL004078	Schizachyrium scoparium - Sporobolus compositus var. compositus - Rudbeckia fulgida var. fulgida Wooded Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2	
CEGL004080	Schizachyrium scoparium - Sporobolus junceus - Rudbeckia triloba var. pinnatiloba - Onosmodium sp. 1 Wooded Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G1	
CEGL004169	Eleocharis compressa - Schoenolirion croceum - Carex crawei - Allium cernuum Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2Q	

Natural Plant	Natural Plant Communities			
Element Code	Scientific Name	Common/Group Name	G-Rank	
CEGL004285	Hymenocallis caroliniana - Justicia americana Herbaceous Vegetation	Eastern Interior Rocky Riverbed Herbaceous Vegetation	G1	
CEGL004301	Heuchera parviflora var. parviflora - Thalictrum mirabile - (Ageratina luciae- brauniae, Solidago albopilosa) Herbaceous Vegetation	Shaded Outcrops	G2	
CEGL004343	Diamorpha smallii - Minuartia glabra Sandstone Herbaceous Vegetation	Appalachian Sandstone Glades and Barrens	G2G3	
CEGL004392	Asplenium montanum - Silene rotundifolia Sparse Vegetation	Shaded Outcrops	G2G3	
CEGL004395	Toxicodendron radicans / Heuchera americana - (Dichanthelium depauperatum, Woodsia obtusa) Herbaceous Vegetation	Shaded Outcrops	G?	
CEGL004417	Betula alleghaniensis - Acer saccharum - Aesculus flava / Acer pensylvanicum / Trillium grandiflorum Forest	Appalachian Northern Hardwood Forests	G2G3Q	
CEGL004445	Pinus echinata - Quercus prinus - Quercus stellata / Vaccinium pallidum / Pityopsis graminifolia var. latifolia Woodland	Shortleaf Pine Woodlands and Forests	G2?	
CEGL004476	Asplenium ruta-muraria - Pellaea atropurpurea Sparse Vegetation	Shaded Outcrops	G3G4	
CEGL004622	Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala Herbaceous Vegetation	Appalachian Sandstone Glades and Barrens	G2	
CEGL004738	Juniperus virginiana / Schizachyrium scoparium - (Andropogon gerardii, Sorghastrum nutans) - Silphium (trifoliatum, terebinthinaceum) Wooded Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2	
CEGL004742	Cephalanthus occidentalis / Hibiscus moscheutos ssp. moscheutos Shrubland	Depressional Buttonbush Ponds	G2G3	
CEGL004757	Schizachyrium scoparium - Andropogon gerardii - Sorghastrum nutans Coosa Valley Barren Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G1	
CEGL004767	Tsuga canadensis - (Liriodendron tulipifera, Fagus grandifolia) / (Magnolia macrophylla, Ilex opaca) / Polystichum acrostichoides Forest	Appalachian Cove (Mixed Mesophytic) Forests	G1G2	
CEGL004944	Carex leptalea - Parnassia grandifolia - Juncus coriaceus - Solidago patula Ridge and Valley Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G2G3	

Natural Plant Communities			
Element Code	Scientific Name	Common/Group Name	G-Rank
CEGL004988	Cystopteris bulbifera / Dumortiera hirsuta Sinkhole Wall Sparse Vegetation	Shaded Outcrops	G1
CEGL005131	Quercus muehlenbergii - Juniperus virginiana / Schizachyrium scoparium - Manfreda virginica Wooded Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2G3
CEGL006234	Scirpus robustus - Juncus gerardii - Hordeum jubatum - Atriplex patula Herbaceous Vegetation	Inland Salt Marshes and Pannes	G1
CEGL006283	Andropogon gerardii - Panicum virgatum - Baptisia australis Herbaceous Vegetation	Riverscour Prairies	G2G3
CEGL007539	Pinus virginiana - Quercus prinus - Quercus rubra / Vaccinium pallidum - Kalmia latifolia Forest	Appalachian Shale Glades and Barrens	G2?
CEGL007565	Tsuga canadensis - Acer rubrum - (Liriodendron tulipifera, Nyssa sylvatica) / Rhododendron maximum / Sphagnum spp. Forest	Appalachian Forested Bogs	G2
CEGL007771	Carex gynandra - Scirpus cyperinus - Eriophorum virginicum - Osmunda cinnamomea Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G1Q
CEGL007931	Andropogon gerardii - Panicum (anceps, virgatum) Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G2?
CEGL007932	Schizachyrium scoparium - Sorghastrum nutans - Silphium spp. Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G2?
CEGL008406	Quercus stellata - Pinus virginiana / (Schizachyrium scoparium, Piptochaetium avenaceum) Woodland	Eastern Glades and Barrens	G2?
CEGL008426	Thuja occidentalis - Pinus strobus - Tsuga canadensis / Dirca palustris Forest	Northern White-cedar Bluffs	G1G2
CEGL008432	Osmunda cinnamomea - Rhynchospora capitellata - Thalictrum mirabile Cumberland Seepage Cliff Herbaceous Vegetation	Cliffs	G1G2Q
CEGL008435	Heuchera villosa - Asplenium trichomanes - Thalictrum clavatum / Conocephalum conicum Herbaceous Vegetation	Cliffs	G2

Natural Plant Communities			
Element Code	Scientific Name	Common/Group Name	G-Rank
CEGL008437	Pinus palustris - Pinus echinata - (Pinus virginiana) / Quercus marilandica - (Quercus prinus) / Vaccinium pallidum Woodland	Montane Mixed Longleaf Woodlands	G2
CEGL008439	Cephalanthus occientalis - (Salix nigra, Quercus lyrata) Karst Depression Shrubland	Depressional Buttonbush Ponds	G1Q
CEGL008440	Quercus alba - Nyssa sylvatica Sandstone Ridgetop Depression Forest	Oak Ponds	G2Q
CEGL008442	Quercus shumardii - Quercus muehlenbergii / Acer (barbatum, leucoderme, saccharum) - Ostrya virginiana Forest	Circumneutral Eastern Dry- mesic Oak Forests	G2G3
CEGL008449	Juniperus virginiana var. virginiana - Pinus virginiana - Quercus stellata / Amelanchier spicata / Danthonia spicata - Melica mutica Woodland	Appalachian Gorge Evergreen/Deciduous Riverside Flatrock Woodland	G2?
CEGL008458	Fraxinus americana - Carya ovata / Frangula caroliniana / Helianthus hirsutus Forest	Circumneutral Eastern Dry- mesic Oak Forests	G1?
CEGL008459	Osmunda cinnamomea - Carex Iurida - Juncus effusus - (Carex crinata, Carex intumescens, Sphagnum spp.) Cumberlands Mountain Seepage Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G2G3
CEGR031010	Oak Ponds	Oak Ponds	na
CEGR031050	Depressional Buttonbush Ponds	Depressional Buttonbush Ponds	na
CEGR038010	Southeastern Floodplain Forests Oak Bottomland Forests	Southeastern Floodplain Forests Oak Bottomland Forests	na
CEGR038015	Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests	Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests	na
CEGR038020	Floodplain Eastern Hemlock Forests	Floodplain Eastern Hemlock Forests	na
CEGR038025	Riverbank Shrublands	Riverbank Shrublands	na
CEGR038030	Floodplain Shrublands	Floodplain Shrublands	na
CEGR038040	Eastern Interior Rocky Riverbed Herbaceous Vegetation	Eastern Interior Rocky Riverbed Herbaceous Vegetation	na
CEGR039010	Eastern Dry-mesic Oak Forests	Eastern Dry-mesic Oak Forests	na
CEGR039015	Circumneutral Eastern Dry-mesic Oak Forests	Circumneutral Eastern Dry- mesic Oak Forests	na

Natural Plant	Natural Plant Communities				
Element Code	Scientific Name	Common/Group Name	G-Rank		
CEGR040010	Eastern Mesic Hardwood Forests	Eastern Mesic Hardwood Forests	na		
CEGR040015	Eastern Small Stream / Terrace / Low Slope Hardwood Forests	Eastern Small Stream / Terrace / Low Slope Hardwood Forests	na		
CEGR040740	Southeastern Interior Acid Cliffs	Southeastern Interior Acid Cliffs	na		
CEGR040750	Southeastern Interior Alkaline Cliffs	Southeastern Interior Alkaline Cliffs	na		
CEGR040765	Southeastern Interior Rock House	Southeastern Interior Rock House	na		
CEGR041005	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	na		
CEGR041025	Appalachian Sandstone Glades and Barrens	Appalachian Sandstone Glades and Barrens	na		
CEGR042010	Appalachian High Elevation Spruce-Fir Forests	Appalachian High Elevation Spruce-Fir Forests	na		
CEGR042020	Appalachian Northern Hardwood Forests	Appalachian Northern Hardwood Forests	na		
CEGR044010	Appalachian Oak Forests	Appalachian Oak Forests	na		
CEGR045010	Appalachian Cove (Mixed Mesophytic) Forests	Appalachian Cove (Mixed Mesophytic) Forests	na		
CEGR045020	Upland Eastern Hemlock Forests	Upland Eastern Hemlock Forests	na		
CEGR045820	Southeastern Interior Limesink Wooded Ponds	Southeastern Interior Limesink Wooded Ponds	na		
CEGR046010	Xeric Oak-Pine Forests	Xeric Oak-Pine Forests	na		
CEGR046030	Shortleaf Pine Woodlands and Forests	Shortleaf Pine Woodlands and Forests	na		
CEGR046040	Upland White Pine Forests	Upland White Pine Forests	na		
CEGR047020	Interior Streamhead Seepage Swamps	Interior Streamhead Seepage Swamps	na		
CEGR047040	Appalachian Bogs, Fens, and Seeps	Appalachian Bogs, Fens, and Seeps	na		
CEGR047050	Northern White-cedar Fens	Northern White-cedar Fens	na		
CEGR068010	Miscellaneous Aquatics	Miscellaneous Aquatics	na		
CEGR068020	Shallow Freshwater Vegetation	Shallow Freshwater vegetation	na		
CEGR068030	Deep Feshwater (Non-riverine) Pond Vegetation	Deep Freshwater (Non-riverine) Pond Vegetation	na		
CEGR082010	Miscellaneous Aquatic Shrub Swamps	Miscellaneous Aquatic Shrub Swamps	na		

Plants			
Element Code	Scientific Name	Common Name	G-Rank
PDSCR01130	Agalinis auriculata	Earleaf Foxglove	G3
PDASTBX0E0	Ageratina luciae-brauniae	Lucy Braun's White Snakeroot	G3
PMLIL02290	Allium speculae	Little River Canyon Onion	G2
PDBET01030	Alnus maritima	Seaside Alder	G3
PDEUP06020	Andrachne phyllanthoides	Missouri Buck-brush	G4
PDFAB0D020	Apios priceana	Price's Potato-bean	G2
PDBRA060N0	Arabis georgiana	Georgia Rock-cress	G2
PDBRA061D0	Arabis patens	Spreading Rock-cress	G3
	Asplenium scolopendrium var.		
PPASP021E1	americana .	Hart's-tongue Fern	G4T3
PDAST0T180	Aster georgianus	Georgia Aster	G2G3
PDAST0T460	Aster pratensis	Barrens Silky Aster	G3?
PDAST0T4P0	Aster saxicastellii	Rockcastle Aster	G1G2
PDFAB0F8S0	Astragalus tennesseensis	Tennessee Milk-vetch	G3
PDSCR05040	Aureolaria patula	Spreading False-foxglove	G2G3
PDBER02010	Berberis canadensis	American Barberry	G3
PDBET020J0	Betula uber	Virginia Round-leaf Birch	G1Q
PDLAM06030	Blephilia subnuda	Cumberland Pagoda-plant	G1G2
PMPOA18010	Calamovilfa arcuata	Cumberland Sandreed	G2
	Calystegia catesbiana ssp.		
PDCON04022	sericata	Catesby's False Bindweed	G3T2T3
PDBRA0K0E0	Cardamine flagellifera	Bitter Cress	G3
PMCYP03JY0	Carex brysonii	Bryson's Sedge	G1
PDSCR0D3Y0	Castilleja sp. 1	(an undescribed indian-paintbrush)	G2
PDRAN07060	Cimicifuga rubifolia	Appalachian Bugbane	G3
PDRAN081A0	Clematis morefieldii	Morefield's Leather-flower	G1
PDRAN08130	Clematis socialis	Alabama Leather-flower	G1
NBHEP0X090	Cololejeunea ornata	Liverwort	G2G4
PDLAM0D050	Conradina verticillata	Cumberland Rosemary	G3
PDAST2L0S0	Coreopsis pulchra	Woodland Tickseed	G2
PDROS0H540	Crataegus triflora	Three-flowered Hawthorn	G2
PMSTE01010	Croomia pauciflora	Croomia	G3
	Croton alabamensis var.		
PDEUP0H012	alabamensis	Alabama Croton	G3T3
PDCUS010U0	Cuscuta harperi	Harper's Dodder	G2
PMORC0Q0F0	Cypripedium kentuckiense	Southern Lady's Slipper	G3
PDFAB1A0K0	Dalea foliosa	Leafy Prairie-clover	G2G3
PDFAB1A1W0	Dalea sp. 1	(an undescribed prairie-clover)	G2
PDRAN0B010	Delphinium alabamicum	Alabama Larkspur	G2
PDRAN0B0J0	Delphinium exaltatum	Tall Larkspur	G3
PDPRI03060	Dodecatheon frenchii	French's Shootingstar	G3
PDAST3M3W4	Erigeron strigosus var. 1	(an undescribed daisy fleabane)	G5T2?
	Eriogonum longifolium var.		
PDPGN083R2	harperi	Harper's Umbrella-plant	G4T2
PDEUP0Q1T0	Euphorbia purpurea	Glade Spurge	G3

Plants			
Element Code	Scientific Name	Common Name	G-Rank
PMCYP0B0V0	Fimbristylis brevivaginata	Glade Fimbry	G2
PMCYP0B0F0	Fimbristylis perpusilla	Harper's Fimbristylis	G2
PDHAM01020	Fothergilla major	Mountain Witch-alder	G3
PDAST4N0J0	Helianthus eggertii	Eggert's Sunflower	G3
PDAST4N0U0	Helianthus longifolius	Longleaf Sunflower	G2
PDAST4N240	Helianthus verticillatus	Whorled Sunflower	G1
PDARI03020	Hexastylis contracta	Southern Heartleaf	G3
PMLIL15040	Hymenocallis coronaria	Shoals Spiderlily	G2
PPHYM010P0	Hymenophyllum tayloriae	Taylor's Filmy Fern	G1G2
PDCLU03010	Hypericum adpressum	Creeping St. John's-wort	G2G3
PDAQU01080	llex collina	Long-stalked Holly	G3
PDAST5A010	Jamesianthus alabamensis	Alabama Jamesianthus	G3
	Leavenworthia alabamica var.		G2G3T2
PDBRA1L011	alabamica	Alabama Gladecress	T3Q
PDBRA1L030	Leavenworthia crassa	Fleshy-fruit Gladecress	G2
	Leavenworthia exigua var.		
PDBRA1L043	lutea	Pasture Gladecress	G4T1
PDBRA1N120	Lesquerella lyrata	Lyrate Bladderpod	G1
PDAST5X1D0	Liatris sp. 1	(an undescribed blazing-star)	G1
PDPRI07070	Lysimachia fraseri	Fraser Loosestrife	G2
PDAST68030	Marshallia grandiflora	Large-flowered Barbara's Buttons	G2
PDAST68040	Marshallia mohrii	Mohr's Barbara's Buttons	G3
PDAST68080	Marshallia trinervia	Broadleaf Barbara's Buttons	G3
PDCAR0G0Z0	Minuartia cumberlandensis	Cumberland Sandwort	G2
PDMON04020	Monotropsis odorata	Sweet Pinesap	G3
PDROS14010	Neviusia alabamensis	Alabama Snow-wreath	G2
PDBOR0S060	Onosmodium sp. 1	(an undescribed false gromwell)	G1G2
PDSAX0P060	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3G4
PDCAR0L0S0	Paronychia virginica	Yellow Nail-wort	G4
PDCEL0A010	Paxistima canbyi	Canby's Mountain-lover	G2
PDPLM0D1K0	Phlox pulchra	Wherry's Phlox	G2G3
PMORC1Y0D0	Platanthera integrilabia	White Fringless Orchid	G2G3
PDAST7G020	Polymnia laevigata	Tennessee Leafcup	G3
PMPOT03130	Potamogeton tennesseensis	Tennessee Pondweed	G2
PDAST7K060	Prenanthes barbata	Barbed Rattlesnake-root	G3
PDAPI1Y020	Ptilimnium costatum	Eastern Bishop-weed	G3?
PDAPI1Y040	Ptilimnium nodosum	Harperella	G2
PDLAM1N0G0	Pycnanthemum torrei	Torrey's Mountain Mint	G2
PDFAG052F0	Quercus boyntonii	Boynton's Sand Post Oak	G1
PMCYP0N2B0	Rhynchospora thornei	Thorne's Beakrush	G1G2
PDAST85010	Rudbeckia auriculata	Eared Coneflower	G1
PDAST85070	Rudbeckia heliopsidis	Sun-facing Coneflower	G2
27.10.1007.0	Rudbeckia triloba var.	can identify contend to	
PDAST850H1	pinnatiloba	Pinnate-lobed Black-eyed Susan	G4T2?
PDGEN0F090	Sabatia capitata	Rose Gentian	G2

#### Appendix A. Conservation Targets for the CSRV Ecoregion

Plants			
Element Code	Scientific Name	Common Name	G-Rank
PMALI040U0	Sagittaria secundifolia	Little River Arrow-head	G1
PDSAR02050	Sarracenia oreophila	Green Pitcher Plant	G2
PDSAX0U0A0	Saxifraga caroliniana	Carolina Saxifrage	G2
PDSCH01020	Schisandra glabra	Bay Starvine	G3
PMLIL1S030	Schoenolirion wrightii	Texas Sunnybell	G3
PDLAM1U010	Scutellaria alabamensis	Alabama Skullcap	G2
PDLAM1U0U0	Scutellaria montana	Large-flowered Skullcap	G2
PDCRA0A0Q0	Sedum nevii	Nevius' Stonecrop	G3
PDAST8H220	Senecio millefolium	Blue Ridge Ragwort	G2
PDMAL100C0	Sida hermaphrodita	Virginia Mallow	G2
PDCAR0U180	Silene ovata	Ovate Catchfly	G2G3
PDCAR0U1G0	Silene regia	Royal Catchfly	G3
PDAST8L040	Silphium brachiatum	Cumberland Rosinweed	G2
PDAST8L0N0	Silphium sp. 1	(an undescribed rosinweed)	G2
PDAST8L0K0	Silphium wasiotense	Kentucky Rosinweed	G3?
	Solanum carolinense var.		
PDSOL0Z093	hirsutum	Carolina Horse-nettle	G5T1
PDAST8P010	Solidago albopilosa	White-haired Goldenrod	G2
	Spigelia gentianoides var.		
PDLOG08021	alabamensis	Alabama Gentian Pinkroot	G2T1
PDROS1Q0E0	Spiraea virginiana	Virginia Spiraea	G2
PDPOR08050	Talinum calcaricum	Limestone Fame-flower	G3
PDPOR080C0	Talinum mengesii	Menge's Fame-flower	G3
PDRAN0M070	Thalictrum debile	Southern Meadow-rue	G2
PDRAN0M0D0	Thalictrum mirabile	Little Mountain Meadow-rue	G2G3Q
	Thelypteris pilosa var.		
PPTHE05171	alabamensis	Streak-sorus Fern	G4T1
PDFAB402L0	Trifolium calcaricum	Running Glade Clover	G1
PMLIL20080	Trillium decumbens	Trailing Trillium	G4
PMLIL200G0	Trillium lancifolium	Narrow-leaved Trillium	G3
PMLIL200Q0	Trillium pusillum	Least Trillium	G3
PMLIL20130	Trillium rugelii	Southern Nodding Trillium	G3
PDCPR07030	Viburnum bracteatum	Limerock Arrowwood	G1
PDVIO04030	Viola appalachiensis	Appalachian Blue Violet	G3
PDVIT040J0	Vitis rupestris	Rock Grape	G3
PMXYR010M0	Xyris tennesseensis	Tennessee Yellow-eyed Grass	G1

#### Appendix A. Conservation Targets for the CSRV Ecoregion

Terrestrial Ani	imals		
Element Code	Scientific Name	Common Name	G-Rank
ABPBX91050	Aimophila aestivalis	Bachman's Sparrow	G3
AAAAA01120	Ambystoma talpoideum	Mole Salamander	G5
AAAAD01010	Aneides aeneus	Green Salamander	G3G4
AMAFF09023	Clethrionomys gapperi maurus	Kentucky Red-backed Vole	G5T3T4
AMACC08020	Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	G3G4
AMACC08012	Corynorhinus townsendii virginianus	Virginia Big-eared Bat	G4T2
ABPBX03240	Dendroica cerulea	Cerulean Warbler	G4
AAAAD03010	Desmognathus aeneus	Seepage Salamander	G3G4
AAAAD03140	Desmognathus ocoee	Ocoee Salamander	G2G3
AAAAD03090	Desmognathus welteri	Black Mountain Salamander	G4
AAABC02100	Hyla gratiosa	Barking Treefrog	G5
ABPBX09010	Limnothlypis swainsonii	Swainson's Warbler	G4
AMACC01040	Myotis grisescens	Gray Myotis	G3
AMACC01130	Myotis leibii	Eastern Small-footed Myotis	G3
AMACC01100	Myotis sodalis	Indiana or Social Myotis	G2
AMAFH02010	Napaeozapus insignis	Woodland Jumping Mouse	G5
AMAFF08016	Neotoma floridana illinoensis	Eastern Woodrat	G5T5
AMAFF08100	Neotoma magister	Allegheny Woodrat	G3G4
AMABB03010	Parascalops breweri	Hairy-tailed Mole	G5
ABNYF07060	Picoides borealis	Red-cockaded Woodpecker	G3
ARADB26012	Pituophis melanoleucus melanoleucus	Northern Pine Snake	G4T4
AAAAD12310	Plethodon petraeus	Pigeon Mountain Salamander	G1G2
AAAAD12220	Plethodon wehrlei	Wehrle's Salamander	G5
AMABA01211	Sorex dispar blitchi	Long-tailed or Rock Shrew	G4T3?
AMAFH01010	Zapus hudsonius	Meadow Jumping Mouse	G5

#### Appendix A. Conservation Targets for the CSRV Ecoregion

<b>Terrestrial Anim</b>	als (Neo-tropical Migratory F	orest Interior Birds)	
Element Code	Scientific Name	Common Name	G-Rank
ABPAE33020	Empidonax virescens	Acadian Flycatcher	G5
ABPBX08010	Helmitheros vermivorus	Worm-eating Warbler	G5
ABPBJ19010	Hylocichla mustelina	Blue-headed Vireo	G5
ABPBX05010	Mniotilta varia	Black-and-White Warbler	G5
ABPBX11010	Oporomis formusus	Kentucky Warbler	G5
ABPBX45040	Piranga olivacea	Scarlet Tanager	G5
ABPBX10010	Seiurus aurocapillus	Ovenbird	G5
ABPBX10030	Seiurus motacilla	Louisiana Waterthrush	G5
ABPBW01160	Vireo solitarius	Wood Thrush	G5
ABPBX16010	Wilsonia citrina	Hooded Warbler	G5

Map 9. Conservation Targets in the CSRV 50 0 50 Miles Scale 1:3,484,800 or 1 inch = 55 miles CSRV Conservation Targets:

■ Viable Animal

□ Non-Viable Animal

◆ Community

▲ Viable Plant

△ Non-Viable Plant



**Scorecard of Conservation Target Goals and Goals Met** 

Aquatic Animals	nimals			Distribution by	Distribution by Major River Basin					ļ	
Element Code	Scientific Name	Common Name	Global	South Atlantic Gulf	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap CSRV	EDU Name	CSRV Goal Met	Goal Met All
AAAAC01010	Cryptobranchus alleganiensis	Hellbender	G4		Widespread	1	3	3	Tennessee River - Ridge and Valley	Yes	
AAAAC01010	Cryptobranchus alleganiensis	Hellbender	G4		Widespread	1	2	2	Tennessee River - Cumberland Plateau	Yes	Yes
AAAAE01010	Necturus alabamensis	Black Warrior Waterdog	G2			10	9	5	Upper Black Warrior River	9 N	No
AFBAA01010	Ichthyomyzon bdellium	Ohio Lamprey	G3G4		Widespread	1	2	2	Tennessee River - Ridge and Valle)	Yes	Yes
AFBAA01010	Ichthyomyzon bdellium	Ohio Lamprey	G3G4		Widespread	1	1	1	Cumberland Mountair	Yes	Yes
AFBAA01010	Ichthyomyzon bdellium	Ohio Lamprey	G3G4		Widespread	1	1	1	Upper Cumberland River	Yes	Yes
AFBAA01010	Ichthyomyzon bdellium	Ohio Lamprey	G3G4		Widespread	1	1	1	Lower Kanawha/Guyandotte Rivers	Yes	Yes
AFC4E02??2	Cottus sp.	Fivemile Sculpin	ن			2	1	1	Upper Black Warrior River	N <sub>o</sub>	No
AFC4E02??3	Cottus sp. cf. C. bairdi	Tallapoosa Sculpin	ن			10	10	7	Tallapoosa River	Yes	Yes
AFC4E02040	Cottus baileyi	Black Sculpin	63		Endemic	10	3	3	Tennessee River - Ridge and Valle)	9N	No
AFC4E02210	Cottus paulus	Pygmy Sculpin	G1			10	1	1	Coosa River	8	No
AFC4E02300	Cottus sp.	Clinch Sculpin	G2		Endemic	10	1	1	Tennessee River - Ridge and Valle)	9 N	No
AFCAA01020	Acipenser fulvescens	Lake Sturgeon	63		Widespread	1	2	2	Tennessee River - Ridge and Valley	Yes	Yes
AFCAA01020	Acipenser fulvescens		63		Widespread	1	1	1	Tennessee River - Blue Ridge	Yes	Yes
AFCAA01020	Acipenser fulvescens	Lake Sturgeon	63		Widespread	1	1	1	Tennessee River - Cumberland Plateau	Yes	Yes
AFCAB01010	Polyodon spathula	Paddlefish	P4	Widespread	Widespread	1	2	2	Tennessee River - Ridge and Valle)	Yes	Yes
AFCAB01010	Polyodon spathula	Paddlefish	G4	Widespread	Widespread	1	1	1	Lower Tennessee River	Yes	Yes
AFCAB01010	Polyodon spathula	Paddlefish		Widespread	Widespread	1	1	1	Cumberland Mountair	Yes	Yes
AFCJB14010	Hemitremia flammea	Flame Chub				2	1	1	Coosa River	N <sub>o</sub>	No
AFCJB15??1	Hybopsis sp. cf. H. winchelli	(an undescribed chub)	ن			2	7	1	Coosa River	Yes	Yes
AFCJB15040	Hybopsis lineapunctata	Lined Chub	63			3	10	8	Tallapoosa River	Yes	Yes
AFCJB15040	Hybopsis lineapunctata		63			3	5	3	Coosa River	Yes	Yes
AFCJB28100	Notropis ariommus		63		Widespread	2	3	3	Tennessee River - Ridge and Valley	Yes	No
AFCJB28100	Notropis ariommus		G3		Widespread	2	1	1	Tennessee River - Cumberland Plateau	No	No
AFCJB28100	Notropis ariommus		G3		Widespread	2	2	2	Cumberland Mountair	Yes	No
AFCJB28100	Notropis ariommus		G3		Widespread	2	1	1	Upper Cumberland River	No No	No
AFCJB28100	Notropis ariommus	Popeye Shiner	G3		Widespread	2	_	1	Kentucky/Licking Rivers	No No	No
AFCJB28A90	Notropis albizonatus		G1		Endemic	3	1	1	Lower Tennessee River	No	No
AFCJB28A90	Notropis albizonatus	Palezone Shiner	G1		Endemic	3	1	1	Cumberland Mountair	No	No
AFCJB28B20	Notropis rupestris	Bedrock Shiner	G2		Endemic	3	5	3	Upper Cumberland River	Yes	No
AFCJB28B60	Notropis cahabae	Cahaba Shiner	G2			2	1	1	Cahaba River	No	No
AFCJB28B60	Notropis cahabae	r	G2			2	1	1	Upper Black Warrior River	9 N	No
AFCJB28X40	Notropis sp. cf. N. spectrunculus		G3G4		Endemic	2	3	က	Tennessee River - Ridge and Valle)	Yes	S S
AFCJB28X40	Notropis sp. ct. N. spectrunculus		6364		Endemic	2	-		l ennessee River - Blue Ridge	2	<u>ا</u>
AFCJB28X40	Notropis sp. cf. N. spectrunculus		G3G4		Endemic	2	_	1	Cumberland Mountair	8	8 8
AFCJB31010	Phoxinus cumberlandensis		G2		Endemic	10	1		Tennessee River - Ridge and Valle)	9 N	No
AFCJB31010	Phoxinus cumberlandensis		G2		Endemic	10	2	2	Cumberland Mountair	<u>8</u>	No
AFCJB31060	Phoxinus tennesseensis	Tennessee Dace	G3		Endemic	3	2	1	Tennessee River - Ridge and Valle)	9 N	No
AFCJB31060	Phoxinus tennesseensis	Tennessee Dace	G3		Endemic	3	5	3	Tennessee River - Blue Ridge	Yes	No
AFCJB31060	Phoxinus tennesseensis	Tennessee Dace	G3		Endemic	3	1	1	Tennessee River - Cumberland Plateau	No	No
AFCJB31070	Phoxinus saylori	Laurel Dace	G1		Endemic	3	1	1	Tennessee River - Ridge and Valley	No	No
AFCJB31070	Phoxinus saylori		G1		Endemic	3	1	1	Tennessee River - Blue Ridge	No	No
AFCJB31070	Phoxinus saylori	Laurel Dace	G1		Endemic	3	4	4	Tennessee River - Cumberland Plateau	Yes	No
AFCJB49020	Cyprinella caerulea	Blue Shiner	G2			10	10	7	Coosa River	Yes	Yes
AFCJB49150	Cyprinella monacha	Spotfin Chub	G2		Endemic	2	2	2	Tennessee River - Ridge and Valle)	Yes	No
AFCJB49150	Cyprinella monacha	Spotfin Chub	G2		Endemic	2	1	1	Tennessee River - Cumberland Plateau	9 N	No
AFCJB50010	Erimystax cahni	0	G1		Endemic	2	2	2	Tennessee River - Ridge and Valley	Yes	Yes
AFCJB52030	Lythrurus bellus alegnotus	Pretty Shiner	G5			10	5	2	5 Upper Black Warrior River	<u>N</u>	No No

Aquatic Animals	nimals			Distribution by	Distribution by Major River Basin						
Element Code	Scientific Name	Common Name	Global	South Atlantic Gulf	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap CSRV	EDU Name	CSRV Goal Met	Goal
AFCJB53??1	Macrhybopsis sp. cf. M. aestivalis	(an undescribed chub)	خ			2	8	3	Coosa River	Yes	92
AFCJB53050	Macrhybopsis sp. cf. M. aestivalis	(an undescribed chub)	ن			2	2	_	Cahaba River	2	8
AFCJC04010	Cycleptus elongatus	Blue Sucker	G3G4		Widespread	1	1	1	Tennessee River - Ridge and Valley	Yes	Yes
AFCJC04010	Cycleptus elongatus	Blue Sucker	G3G4		Widespread	1	1	1	Tennessee River - Blue Ridge	Yes	Yes
AFCJC13010	Thoburnia atripinnis	Blackfin Sucker	G2		Peripheral	3	1	1	Upper Cumberland River	No	No
AFCKA02??1	Noturus sp. cf. N. munitus		ن			2	9	2		Yes	Yes
AFCKA02060	Noturus flavipinnis		G1		Endemic	3	2	2		No	No
AFCKA02170	Noturus munitus	dtom	G3	Widespread		_	2	2	_	Yes	Yes
AFCKA02210	Noturus stanauli	Pygmy Madtom	G1		Endemic	10	1	1	Tennessee River - Ridge and Valle)	9 N	No No
AFCKA02270	Noturus sp. cf. N. elegans	Chucky Madtom	G1		Endemic	10	1	1	Tennessee River - Blue Ridge	No	No
AFCLA04010	Typhlichthys subterraneus	Southern Cavefish	G4			2	1	1	Coosa River	9 N	%
AFCNB04240	Fundulus julisia	Barrens Topminnow	G1		Endemic	3	2	2		No	No
AFCQC01040	Ammocrypta clara	Western Sand Darter	63	Widespread	Widespread	1	2	2	Tennessee River - Ridge and Valley	Yes	Yes
AFCQC01040	Ammocrypta clara	Western Sand Darter	63	Widespread	Widespread	1	1	1	Kentucky/Licking Rivers	Yes	Yes
AFCQC02??1	Etheostoma sp. cf. E. bellator	Sipsey Darter				10	3	3		No	No
AFCQC02??2	Etheostoma sp. cf. E. bellator	Locust Fork Darter				10	2	2	Upper Black Warrior River	No	No
AFCQC02??3	Etheostoma sp. cf. E. brevirostrum	(an undescribed darter)				10	3	3	3 Coosa River	No	No
AFCQC02??7	Etheostoma sp. cf. E. lachneri	Fall Line Tombigbee Darter				10	1	1	Upper Tombigbee/Lower Black Warrior Rivers	No	No
AFCQC02??8	Etheostoma sp. cf. E. ramseyi	Fall Line Alabama Darter				10	4	4		No	No
AFCQC02??9	Etheostoma sp. cf. E. zonistium	Blueface Darter				10	2	2	Upper Black Warrior River	No	No
AFCQC02080	Etheostoma boschungi	Slackwater Darter	G1		Endemic	10	9	1	1 Lower Tennessee River	9 N	No
AFCQC02130	Etheostoma cinereum	Ashy Darter	G2		Endemic	2	1	1	Tennessee River - Ridge and Valley	N <sub>o</sub>	No
AFCQC02130	Etheostoma cinereum		G2		Endemic	2	1	1	Tennessee River - Blue Ridge	No	No
AFCQC02130	Etheostoma cinereum		G2		Endemic	2	2	2	Tennessee River - Cumberland Plateau	Yes	8 N
AFCQC02130	Etheostoma cinereum	Ashy Darter	G2		Endemic	2	2	2	Cumberland Mountair	Yes	8 N
AFCQC02130	Etheostoma cinereum	Ashy Darter	G2		Endemic	2	1	1	Upper Cumberland River	No	No
AFCQC02190	Etheostoma ditrema	ter	G1G2			10	17	17		Yes	Yes
AFCQC02420	Etheostoma maculatum	Spotted Darter	G2			1	1	1	Kentucky/Licking Rivers	Yes	Yes
AFCQC02500	Etheostoma nuchale	Watercress Darter	G1			10	3	3		No	No
AFCQC02550	Etheostoma osburni	Candy Darter	G3			1	1	1	Upper Kanawha River	Yes	Yes
AFCQC02660	Etheostoma sagitta sagitta		G3G4		Endemic	10	1	1	Cumberland Mountair	No No	No No
AFCQC02661	Etheostoma sagitta spilotum	Arrow Darter	G3G4			10	5	5		8	8 N
AFCQC02800	Etheostoma tippecanoe	Tippecanoe Darter	G3		Widespread	1	1	1	Cumberland Mountair	Yes	Yes
AFCQC02800	Etheostoma tippecanoe		G3		Widespread	1	1	1	Kentucky/Licking Rivers	Yes	Yes
AFCQC02800	Etheostoma tippecanoe	arter	G3		Widespread	-	-	1		Yes	Yes
AFCQC02810	Etheostoma trisella		G1			10	2	5		2	§
AFCQC02820	Etheostoma tuscumbia	Tuscumbia Darter	G2		Endemic	10	5	2		9	8
AFCQC02890	Etheostoma acuticeps	Sharphead Darter	G3		Endemic	1	_	1	Tennessee River - Ridge and Valle)	Yes	Yes
AFCQC02890	Etheostoma acuticeps	Sharphead Darter	G3		Endemic	1	1	1	Tennessee River - Blue Ridge	Yes	Yes
AFCQC02A10	Etheostoma vulneratum	Wounded Darter	G3		Endemic	1	3	3		Yes	Yes
AFCQC02A10	Etheostoma vulneratum	Wounded Darter	G3		Endemic	1	2	2		Yes	Yes
AFCQC02A10	Etheostoma vulneratum	Wounded Darter	G3		Endemic	1	2	2		Yes	Yes
AFCQC02A30	Etheostoma chermocki	ər	G1			10	1	1	Upper Black Warrior River	9 N	No
AFCQC02A40	Etheostoma brevirostrum	Holiday Darter	G2			10	1	1	Coosa River	No	No
AFCQC02B10	Etheostoma douglasi	ırter	G2			10	7	7		8	No
AFCQC02B20	Etheostoma chuckwachatte		6263			10	10	4		Yes	Yes
AFCQC02B30	Etheostoma forbesi		G1		Endemic	3	4	4	Upper Cumberland River	Yes	S S
AFCQC02C20	Etheostoma denoncourti	Golden Darter	G2		Endemic	2		1	Tennessee River - Ridge and Valle)	8	No

Aquatic Animals	nimals			Distribution by	Distribution by Major River Basin						
Element Code	Scientific Name	Common Name	Global	South Atlantic Gulf	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap CSRV	EDU Name	CSRV Goal Met	Goal Met All
AFCQC02C20	Etheostoma denoncourti	Golden Darter	G2		Endemic	5	1	-	Tennessee River - Cumberland Plateau	8	2
AFCQC02C30	Etheostoma sp. cf. E. ditrema	Lower Coosa Darter	G1G2Q			10	9	6	Coosa River	No	No
AFCQC02C40	Etheostoma sp. cf. E. ditrema	Upper Coosa Darter	G1G2Q			10	1	1	Coosa River	No	No
AFCQC02D40	Etheostoma susanae	Cumberland Johnny Darter	G1		Endemic	10	1	1	Cumberland Mountair	No	No
AFCQC02D50	Etheostoma phytophilum	Rush Darter	G1			10	2	2		No No	No No
AFCQC02X30	Etheostoma percnurum	Duskytail Darter	G1		Endemic	2	1	_	Tennessee River - Ridge and Valley	<u>8</u>	S S
AFCQC02X30	Etheostoma percnurum	Duskytail Darter	G1		Endemic	2	2	_	Tennessee River - Blue Ridge	Yes	S S
AFCQC02X30	Etheostoma percnurum	Duskytail Darter	<b>G</b> 1		Endemic	2	1	_		9 N	S S
AFCQC02X80	Etheostoma bellator	Warrior Darter	G2			10	3	3		<u>8</u>	S S
AFCQC02XD0	Etheostoma sp. cf. E. stigmaeum	Bluemask (Jewel) Darter	G1		Endemic	5	3	3		9 N	S S
AFCQC02XJ0	Etheostoma scotti	Cherokee Darter	G2			10	13	1		Yes	Yes
AFCQC02XJ0	Etheostoma scotti	Cherokee Darter	G2			10	13	2	Coosa River	Yes	Yes
AFCQC04010	Percina antesella	Amber Darter	G1G2			5	7	4	4 Coosa River	Yes	Yes
AFCQC04020	Percina aurantiaca	Tangerine Darter	G4		Endemic	1	3	3	3 Tennessee River - Ridge and Valle)	Yes	Yes
AFCQC04020	Percina aurantiaca	Tangerine Darter	G4		Endemic	1	1	1		Yes	Yes
AFCQC04020	Percina aurantiaca	Tangerine Darter	G4		Endemic	_	2	2	Tennessee River - Cumberland Plateau	Yes	Yes
AFCQC04030	Percina aurolineata	Boldline Darter	G2			2	3	2	2 Cahaba River	Yes	Yes
AFCQC04040	Percina burtoni	Blotchside Logperch	G2		Endemic	2	2	2	Tennessee River - Ridge and Valley	Yes	Yes
AFCQC04040	Percina burtoni	Blotchside Logperch	G2		Endemic	2	3	2		Yes	Yes
AFCQC04040	Percina burtoni	Blotchside Logperch	G2		Endemic	2	4	1	Lower Tennessee River	Yes	Yes
AFCQC04110	Percina lenticula	Freckled Darter	G2	Widespread		-	5	2	2 Coosa River	Yes	Yes
AFCQC04110	Percina lenticula	Freckled Darter	G2	Widespread		1	3	2	Cahaba River	Yes	Yes
AFCQC04120	Percina macrocephala	Longhead Darter	G3		Widespread	1	2	2		Yes	Yes
AFCQC04120	Percina macrocephala	Longhead Darter	G3		Widespread	1	1	_	Tennessee River - Blue Ridge	Yes	Yes
AFCQC04120	Percina macrocephala	Longhead Darter	G3		Widespread	1	1	_	Tennessee River - Cumberland Plateau	Yes	Yes
AFCQC04120	Percina macrocephala	Longhead Darter	G3		Widespread	1	1	_	Lower Kanawha/Guyandotte Rivers	Yes	Yes
AFCQC04280	Percina squamata	Olive Darter	G2		Endemic	2	1	_	Cumberland Mountair	<u>8</u>	<u>و</u>
AFCQC04290	Percina tanasi	Snail Darter	G2G3		Endemic	2	1	_		9	S S
AFCQC04290	Percina tanasi	Snail Darter	G2G3		Endemic	2	2	2	Tennessee River - Blue Ridge	Yes	S S
AFCQC04290	Percina tanasi	Snail Darter	G2G3		Endemic	2	2	2	Tennessee River - Cumberland Plateau	Yes	N <sub>o</sub>
AFCQC04290	Percina tanasi	Snail Darter	G2G3		Endemic	2	_	-		<u>8</u>	₽:
AFCQC04320	Percina jenkinsi	Conasauga Logperch	G1			5	2	2		<u>و</u>	2 :
AFCQC04340	Percina sp. cf. P. macrocephala	Upland Bridled Darter	G1Q			10	9 0	3	Coosa Kiver	oN S	9 2
AFCQC04350	Percina brevicada	Coal Datel	25 62			7 0	0 +	7 +	2 Callaba Rivel	res	0 2
AFCOCO4330	Percina previoadua	Warrior Bridled Darter	GZ G10			7 (1	- 4	1		2 2	
AFCOCO4X30	Percina sp. cf. P. macrocephala	Muscadine Bridled Darter	970			10	11	7		Yes	Yes
AFCOC05030	Stizostedion so cf. S. vitreum	Southern Walleye	3 2			6			Cahaba River	X A	S 2
AFCQC05030	Stizostedion sp. cf. S. vitreum	Southern Walleye	83			2	2	2		Yes	2 2
ARAE02020	Stemotherus depressus	Flattened Musk Turtle	G2			10	7	6		S S	2
ICMAL07030	Cambarus bouchardi	Big South Fork Crayfish	G2G3		Endemic	10	2	2	Cumberland Mountair	8 8	8 8
ICMAL07450	Cambarus cymatilis	(a crayfish)	G1			10	2	2	Coosa River	8	8
ICMAL07480	Cambarus englishi	(a crayfish)	63			10	1	_	Tallapoosa River	N <sub>o</sub>	8
ICMAL07690	Cambarus pristinus	(a crayfish)	G1		Endemic	10	4	4	4 Upper Cumberland River	9 N	N <sub>o</sub>
ICMAL07830	Cambarus veteranus	(a crayfish)	G3			10	2	2	2 Lower Kanawha/Guyandotte Rivers	No	No
ICMAL07870	Cambarus elkensis	Elk River Crayfish	G2			10	2	2	Lower Kanawha/Guyandotte Rivers	No	No
IIODO12210	Ophiogomphus alleghaniensis	Allegheny Snaketail	G3Q		Widespread	2	4	4	Upper Cumberland River	Yes	Yes
IMBIV02020	Alasmidonta atropurpurea	Cumberland Elktoe	G1G2		Endemic	5	3	8	3 Cumberland Mountair	<u>8</u>	<b>№</b>

Aquatic Animals	Inimals			Distribution by	Distribution by Major River Basin						
Element Code	Scientific Name	Common Name	Global Rank	South Atlantic Gulf	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap CSRV	EDU Name	CSRV Goal Met	Goal Met All
IMBIV02040	Alasmidonta marginata	Elktoe	64		Widespread	1	. 8	3	Tennessee River - Ridge and Valle)	Yes	
IMBIV02040	Alasmidonta marginata	Elktoe	G4		Widespread	1	2	2	Tennessee River - Blue Ridge	Yes	Yes
IMBIV02040	Alasmidonta marginata	Elktoe	G4		Widespread	1	1	1	Lower Tennessee River	Yes	Yes
IMBIV02040	Alasmidonta marginata	Elktoe	G4		Widespread	1	1	1	Cumberland Mountair	Yes	Yes
IMBIV02040	Alasmidonta marginata	Elktoe	G4		Widespread	1	1	1	Lower Kanawha/Guyandotte Rivers	Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	2	2	Tennessee River - Ridge and Valley	Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	1	1	Tennessee River - Blue Ridge	Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	1	1	Tennessee River - Cumberland Plateau	Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	2	2		Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	3	3		Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	1	1	Upper Cumberland River	Yes	Yes
IMBIV02110	Alasmidonta viridis	Slippershell Mussel	G4G5		Widespread	1	1	1	Kentucky/Licking Rivers	Yes	Yes
IMBIV03030	Amblema elliottii	Coosa Fiveridge	63			5	10	10		Yes	Yes
IMBIV06010	Arcidens confragosus	Rock Pocketbook	G4	Widespread		1	7	2	_	Yes	Yes
IMBIV08010	Cumberlandia monodonta	Spectaclecase	G2G3		Widespread	2	3	3		Yes	N <sub>o</sub>
IMBIV08010	Cumberlandia monodonta	Spectaclecase	G2G3		Widespread	2	-	1		<b>8</b>	<b>№</b> :
IMBIV08010	Cumberlandia monodonta	Spectaclecase	6263		Widespread	2	2	2		Yes	2
IMBIV10020	Cyprogenia stegaria	Fanshell	G1		Widespread	2	-	1	Tennessee River - Ridge and Valle)	2	8
IMBIV10020	Cyprogenia stegaria	Fanshell	G1		Widespread	2	1	1	Lower Tennessee River	<u>8</u>	N <sub>o</sub>
IMBIV12010	Dromus dromas	Dromedary Pearlymussel	G1		Endemic	2	2	2		Yes	Yes
IMBIV13010	Ellipsaria lineolata	(a butterfly)	G4	Widespread		1	1	1	Upper Black Warrior River	Yes	Yes
IMBIV13010	Ellipsaria lineolata	(a butterfly)	G4	Widespread		1	5	2		Yes	Yes
IMBIV14030	Elliptio arca	Alabama Spike	G3Q			2	4	4		Yes	S N
IMBIV14030	Elliptio arca	Alabama Spike	G3Q			2	3	3		<u>8</u>	N <sub>o</sub>
IMBIV14030	Elliptio arca	Alabama Spike	G3Q			2	9	2		Yes	<u>8</u>
IMBIV14040	Elliptio arctata	Delicate Spike	G3G4	Widespread		1	2	1		Yes	Yes
IMBIV14040	Elliptio arctata	Delicate Spike	G3G4	Widespread		-	2	2		Yes	Yes
IMBIV14040	Elliptio arctata	Delicate Spike	6364	Widespread		1	1	1	Cahaba River	Yes	Yes
IMBIV14040	Elliptio arctata	Delicate Spike	G3G4	Widespread		1	4	4		Yes	Yes
IMBIV14040	Elliptio arctata	Delicate Spike	G3G4	Widespread		1	2	2		Yes	Yes
IMBIV16030	Epioblasma brevidens	Cumberlandian Combshell	<b>G1</b>		Endemic	2	2	2		Yes	o N
IMBIV16030	Epioblasma brevidens	Cumberlandian Combshell	G1		Endemic	2	1	1	Cumberland Mountair	8	o N
IMBIV16030	Epioblasma brevidens	Cumberlandian Combshell	<b>G</b> 1		Endemic	2	1	1	Upper Cumberland River	§	o N
IMBIV16040	Epioblasma capsaetormis	Oyster Mussel	19		Endemic	2	1	1	lennessee River - Ridge and Valle)	2	2
IMBIV16040	Epioblasma capsaeformis	Oyster Mussel	G1		Endemic	2	_	1	Tennessee River - Blue Ridge	2	8
IMBIV 16040	Epioblasma capsaerormis	Oyster Mussel			Endemic	2	- 1	1	Cumberiand Mountair	2 :	<u>و</u>
IMBIV 16040	Epioblasma capsaerormis	Oyster Mussel	פֿו		Endemic	7	-		Upper Cumberiand River	9	ON.
IMBIV16062	Epioblasma florentina walkeri	Tan Riffleshell	G1T1		Endemic	2	1	1	Tennessee River - Blue Ridge	8	No No
IMBIV16062	Epioblasma florentina walkeri	Tan Riffleshell	G1T1		Endemic	2	1	1	Cumberland Mountair	%	No
IMBIV16100	Epioblasma metastriata		ВН			5	0	0		8 N	N <sub>o</sub>
IMBIV16120	Epioblasma othcaloogensis		GHQ			10	0	0		N <sub>o</sub>	No
IMBIV16130	Epioblasma penita	shell	G1			5	1	1	Upper Tombigbee/Lower Black Warrior Rivers	8	No N
IMBIV16181	Epioblasma torulosa gubernaculum	Green Blossom	G2TX		Endemic	2	1	1		8	o N
IMBIV16190	Epioblasma triquetra	Snuffbox	<b>G</b> 2		Widespread	2	3	3		Yes	o N
IMBIV16190	Epioblasma triquetra	Snuffbox	G2		Widespread	2	1	1	Tennessee River - Blue Ridge	2	<u>8</u>
IMBIV16190	Epioblasma triquetra	Snuffbox	G2		Widespread	2	1	1	Lower Tennessee River	8	o N
IMBIV16190	Epioblasma triquetra	Snuffbox	G2		Widespread	2	-	1	Upper Cumberland River	2	<b>9</b>
IMBIV16190	Epioblasma triquetra	Snuffbox	<b>G</b> 2		Widespread	2	1	1	1 Kentucky/Licking Rivers	2	<u>8</u>

Aquatic Animals	nimals			Distribution by R	Distribution by Major River Basin						
	O City Company	N STATE OF THE PARTY OF THE PAR		South Atlantic	Ohio and	FWI Overall	E C	Total Cap	Service III	CSRV Goal	Goal
IMBIV17020	Scientific Name	Tennessee Pictoe	G2G3		Fodemic	Goal	l Otal Cap	4	Tennessee River - Ridge and Valley	Aps.	Yes
IMBIV17020	Fusconaia barnesiana	Tennessee Pigtoe	G2G3		Endemic	2	4		Tennessee River - Blue Ridge	Yes	Yes
IMBIV17020	Fusconaia barnesiana	Tennessee Pigtoe	G2G3		Endemic	2	2	2	Tennessee River - Cumberland Plateau	Yes	Yes
IMBIV17020	Fusconaia barnesiana	Tennessee Pigtoe	G2G3		Endemic	2	3	2	2 Lower Tennessee River	Yes	Yes
IMBIV17040	Fusconaia cor	Shiny Pigtoe	G1		Endemic	2	4	4	4 Tennessee River - Ridge and Valley	Yes	No
IMBIV17040	Fusconaia cor	Shiny Pigtoe	G1		Endemic	2	1	1	Lower Tennessee River	No	No
IMBIV17050	Fusconaia cuneolus	Finerayed Pigtoe	G1		Endemic	2	3	3	Tennessee River - Ridge and Valle)	Yes	No
IMBIV17050	Fusconaia cuneolus	Finerayed Pigtoe	G1		Endemic	2	1	1	Tennessee River - Blue Ridge	No	No
IMBIV17050	Fusconaia cuneolus	Finerayed Pigtoe	G1		Endemic	2	1	1	Tennessee River - Cumberland Plateau	No	No
IMBIV17050	Fusconaia cuneolus	Finerayed Pigtoe	G1		Endemic	2	2		Lower Tennessee River	Yes	No
IMBIV17120	Fusconaia subrotunda	Longsolid	63		Widespread	-	က		Tennessee River - Ridge and Valle)	Yes	Yes
IMBIV17120	Fusconaia subrotunda	Longsolid	63		Widespread	-	· 3	3	Tennessee River - Blue Ridge	Yes	Yes
IMBIV17120	Fusconaia subrotunda	Longsolid	63		Widespread	-	-	-	Tennessee River - Cumberland Plateau	Yes	Yes
IMBIV17120	Fusconaia subrotunda	Longsolid	63		Widespread	-	-		Lower Tennessee River	Yes	Yes
IMBIV17120	Fusconaia subrotunda	Longsolid	63		Widespread	-	2		Kentucky/Licking Rivers	Yes	Yes
IMBIV20010	Hemistena lata	Cracking Pearlymussel	<b>G</b> 1		Widespread	2	2		Tennessee River - Ridge and Valle)	Yes	Yes
IMBIV21010	Lampsilis altilis	Finelined Pocketbook	<b>G</b> 2				2	2	Tallapoosa River	Yes	Yes
IMBIV21010	Lampsilis altilis	Finelined Pocketbook	<b>G</b> 2			3	13			Yes	Yes
IMBIV21010	Lampsilis altilis	Finelined Pocketbook				3	3	3	Cahaba River	Yes	Yes
IMBIV21110	Lampsilis abrupta	Pink Mucket			Widespread	2	2	2	Tennessee River - Ridge and Valle)	Yes	N <sub>o</sub>
IMBIV21110	Lampsilis abrupta	Pink Mucket			Widespread	2	2	2	Tennessee River - Blue Ridge	Yes	No No
IMBIV21110	Lampsilis abrupta	Pink Mucket	G2 V		Widespread	2	-	_	Tennessee River - Cumberland Plateau	No	No No
IMBIV21110	Lampsilis abrupta	Pink Mucket		Widespread	Widespread	2	-	_	Lower Tennessee River	No	N <sub>o</sub>
IMBIV21110	Lampsilis abrupta	Pink Mucket		Widespread	Widespread	2	_		Upper Cumberland River	N <sub>O</sub>	N <sub>o</sub>
IMBIV21120	Lampsilis ornata	Southern Pocketbook		Widespread		-	3	3	Coosa River	Yes	Yes
IMBIV21120	Lampsilis ornata	Southern Pocketbook		Widespread		_	_		Cahaba River	Yes	Yes
IMBIV21120	Lampsilis ornata	Southern Pocketbook		Widespread		-	2		Upper Black Warrior River	Yes	Yes
IMBIV21120	Lampsilis ornata	Southern Pocketbook		Widespread		-	7	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes
IMBIV21140	Lampsilis perovalis	Orangenacre Mucket	G2			က	2	2	Cahaba River	8 N	8
IMBIV21140	Lampsilis perovalis	Orangenacre Mucket	G2			ဂ	က	3	Upper Black Warrior River	Yes	<u>8</u>
IMBIV21140	Lampsilis perovalis	Orangenacre Mucket	G2			3	7		Upper Tombigbee/Lower Black Warrior Rivers	Yes	2
IMBIV22011	Lasmigona complanata alabamensis	Alabama Heelsplitter	G5T2T3			2	2	2	Coosa River	Yes	8
IMBIV22011	Lasmigona complanata alabamensis	Alabama Heelsplitter	G5T2T3			2	- 0		Upper Black Warrior River	<u>۶</u>	<u>۶</u>
IMBIV22011	Lasmigona complanata alabamensis	Alabama Heelsplitter	G51213			2	9 ;		Upper Tombigbee/Lower Black Warrior Rivers	Yes	<u>و</u>
IMBIV22050	Lasmigona noistonia	Terressee Heelsplitter	5 63		Widespread	7 0		LL	Tourses River	Yes	02
IMBIV22050	Lasmigona holstonia	Tennessee Heelspiliter	3 6		Widespread	7 0	0 +		Tennessee River - Cumberland Plateau	S S	2 2
IMBIV22050	Lasmigona Holstonia	Tennessee Heelspiliter	3 6		Widespread	7 0	-	-	Lower Tennessee River	2 2	2 2
IMBIV23010	I emiox rimosus	Birdwing Pearlymussel	3 6		Findemic	2 0	- c:	- 6	Tennessee River - Ridge and Valley	Yes	2 2
IMBIV23010	Lemiox rimosus	Birdwing Pearlymussel	G1		Endemic	2	-			8	2
IMBIV25010	Lexingtonia dolabelloides	Slabside Pearlymussel	G2		Endemic	2	က	3	Tennessee River - Ridge and Valle)	Yes	8
IMBIV25010	Lexingtonia dolabelloides	Slabside Pearlymussel	G2		Endemic	2	-	1	Tennessee River - Blue Ridge	8	8 8
IMBIV25010	Lexingtonia dolabelloides	Slabside Pearlymussel	G2		Endemic	2	1	1	Tennessee River - Cumberland Plateau	N <sub>o</sub>	N <sub>o</sub>
IMBIV25010	Lexingtonia dolabelloides	Slabside Pearlymussel			Endemic	2	2	1	Lower Tennessee River	Yes	No
IMBIV26020	Ligumia recta	Black Sandshell		Widespread		1	4			Yes	Yes
IMBIV28010	Medionidus acutissimus	Alabama Moccasinshell	G1			2	3	2	Coosa River	Yes	Yes
IMBIV28010	Medionidus acutissimus	Alabama Moccasinshell	G1			2	2	2	Upper Black Warrior River	Yes	Yes
IMBIV28010	Medionidus acutissimus	Alabama Moccasinshell	<b>G</b> 1			2	9	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes

Aquatic Animals	nimals			Distribution by	Distribution by Major River Basin						
Element Code	Scientific Name	Common Name	Global	South Atlantic	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap	E DU Name	CSRV Goal	Goal
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4		Endemic	1	. С	က	Tennessee River - Ridge and Valle)	Yes	Yes
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4		Endemic	1	-	-	Tennessee River - Blue Ridge	Yes	Yes
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4		Endemic	1	_	1	Lower Tennessee River	Yes	Yes
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4		Endemic	1	2		Cumberland Mountair	Yes	Yes
IMBIV28020	Medionidus conradicus	Cumberland Moccasinshell	G3G4		Endemic	1	2		Upper Cumberland River	Yes	Yes
IMBIV28040	Medionidus parvulus	Coosa Moccasinshell	G1			2	2		Coosa River	Yes	Yes
IMBIV31010	Obovaria jacksoniana	Southern Hickorynut	G1G2	Widespread		2	7	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	No
IMBIV31060	Obovaria unicolor	Alabama Hickorynut	G3	Widespread		2	8	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	No
IMBIV32010	Pegias fabula	Littlewing Pearlymussel	G1		Peripheral	2	2		Tennessee River - Ridge and Valley	Yes	No
IMBIV32010	Pegias fabula	Littlewing Pearlymussel	G1		Peripheral	2	2	2	Cumberland Mountair	Yes	No
IMBIV32010	Pegias fabula	Littlewing Pearlymussel	G1		Peripheral	2	3	3	Upper Cumberland River	Yes	No
IMBIV34010	Plethobasus cicatricosus	White Wartyback	G1		Widespread	1	1	1	Tennessee River - Ridge and Valley	Yes	Yes
IMBIV34010	Plethobasus cicatricosus	White Wartyback	G1		Widespread	1	1	1	Lower Tennessee River	Yes	Yes
IMBIV34020	Plethobasus cooperianus	Orangefoot Pimpleback	G1		Widespread	1	_	_	Tennessee River - Blue Ridge	Yes	Yes
IMBIV34020	Plethobasus cooperianus	Orangefoot Pimpleback	G1		Widespread	1	1		Tennessee River - Cumberland Plateau	Yes	Yes
IMBIV34020	Plethobasus cooperianus	Orangefoot Pimpleback	G1	-	Widespread	- '	2		Lower Tennessee River	Yes	Yes
IMBIV 34030	Plethobasus cyphyus	Sneepnose	53	Widespread	Widespread	- 1	m ·	Σ	Tennessee Kiver - Kidge and Valle)	Yes	Yes
IMBIV34030	Plethobasus cyphyus	Sheepnose	63	Widespread	Widespread	-			I ennessee River - Blue Ridge	Yes	Yes
IMBIV34030	Plethobasus cyphyus	Sheepnose	63	Widespread	Widespread	1	2		Tennessee River - Cumberland Plateau	Yes	Yes
IMBIV34030	Plethobasus cyphyus	Sheepnose	63	Widespread	Widespread	1	2		Lower Tennessee River	Yes	Yes
IMBIV35050	Pleurobema chattanoogaense	Painted Clubshell	G1			5	2		Coosa River	8 N	N <sub>o</sub>
IMBIV35090	Pleurobema cordatum	Ohio Pigtoe	63		Widespread	1	2		Tennessee River - Ridge and Valle)	Yes	Yes
IMBIV35090	Pleurobema cordatum	Ohio Pigtoe	<b>G</b> 3		Widespread	1	2		Tennessee River - Blue Ridge	Yes	Yes
IMBIV35090	Pleurobema cordatum	Ohio Pigtoe	G3		Widespread	1	3	. 8	Tennessee River - Cumberland Platea⊔	Yes	Yes
IMBIV35090	Pleurobema cordatum	Ohio Pigtoe	G3		Widespread	1	4	4	4 Lower Tennessee River	Yes	Yes
IMBIV35110	Pleurobema decisum	Southern Clubshell	G1G2			2	4	4	4 Coosa River	Yes	Yes
IMBIV35110	Pleurobema decisum	Southern Clubshell	G1G2			2	9		Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes
IMBIV35130	Pleurobema furvum	Dark Pigtoe	G1			10	3		Upper Black Warrior River	8	S N
IMBIV35140	Pleurobema georgianum	Southern Pigtoe	G1			5	8	8	Coosa River	Yes	Yes
IMBIV35150	Pleurobema gibberum	Cumberland Pigtoe	G1		Endemic	2	1	1	Lower Tennessee River	8 N	N <sub>o</sub>
IMBIV35150	Pleurobema gibberum	Cumberland Pigtoe	G1		Endemic	2	4	4	Upper Cumberland River	Yes	N <sub>o</sub>
IMBIV35160	Pleurobema hanleyianum	Georgia pigtoe	<b>G</b> 1			5	2		Coosa River	2	Š
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	63		Endemic	2	က		Tennessee River - Ridge and Valley	Yes	2
IMBIV35220	Pleurobema ovitorme	l ennessee Clubshell	63		Endemic	2	4	4	I ennessee Kiver - Blue Kidge	Yes	<u>8</u>
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	63		Endemic	2	1		Tennessee River - Cumberland Plateau	2	õ
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	63		Endemic	2	3	2	Lower Tennessee River	Yes	9 N
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	<b>G</b> 3		Endemic	2	2	2 (	Cumberland Mountair	Yes	N <sub>o</sub>
IMBIV35220	Pleurobema oviforme	Tennessee Clubshell	<b>G</b> 3		Endemic	2	_	_	Upper Cumberland River	8	8 N
IMBIV35230	Pleurobema perovatum	Ovate Clubshell	G1			2	5	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	No
IMBIV35240	Pleurobema plenum	Rough Pigtoe	G1		Widespread	2	1	1	Tennessee River - Ridge and Valley	No	No
IMBIV35240	Pleurobema plenum	Rough Pigtoe	G1		Widespread	2	1	1	Tennessee River - Cumberland Plateau	No	No
IMBIV35240	Pleurobema plenum	Rough Pigtoe	G1		Widespread	2	2	2	Lower Tennessee River	Yes	No
IMBIV35250	Pleurobema rubrum	Pyramid Pigtoe	G2	Widespread	Widespread	2	1	1	Tennessee River - Ridge and Valley	No	No
IMBIV35250	Pleurobema rubrum	Pyramid Pigtoe	G2	Widespread	Widespread	2	_	_	Lower Tennessee River	8 N	%
IMBIV35310	Pleurobema troshelianum	Alabama Clubshell	G1			5	0	0	Coosa River	Š	Š
IMBIV37030	Potamilus capax	Fat Pocketbook	<b>G</b> 1	Widespread	Peripheral	2	1	_	1 Lower Tennessee River	2	Š
IMBIV37040	Potamilus inflatus	Alabama Heelsplitter	<b>G</b> 1	Widespread		1	4	_	Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes
IMBIV38020	Ptychobranchus greenii	Triangular Kidneyshell	61			3	80	8	8 Coosa River	Yes	No No

Aquatic Animals	nimals			Distribution by N	Distribution by Major River Basin						
Flament Code	Scientific Name	Common Name	Global	South Atlantic	Ohio and	FWI Overall	Total Can	Total Cap	FDII Namo	CSRV Goal Met	Goal
IMBIV38020	Ptychobranchus areenii	Triangular Kidnevshell	G1	5		3	- Oral Culp	-	Cahaba River	2	9 2
IMBIV38020	Ptychobranchus greenii	Triangular Kidneyshell	G1			8	8	3 (	Upper Black Warrior River	Yes	N <sub>o</sub>
IMBIV38050	Ptychobranchus subtentum	Fluted Kidneyshell	G2G3		Endemic	2	8	3	Tennessee River - Ridge and Valley	Yes	N <sub>o</sub>
IMBIV38050	Ptychobranchus subtentum	Fluted Kidneyshell	G2G3	1	Endemic	7	2	2 (	Cumberland Mountair	Yes	No
IMBIV38050	Ptychobranchus subtentum	Fluted Kidneyshell	G2G3	1	Endemic	2	1	1	Upper Cumberland River	No	No
IMBIV39??1	Quadrula archeri	Tallapoosa Orb				2	2	<del>-</del>	Tallapoosa River	Yes	Yes
IMBIV39041	Quadrula cylindrica cylindrica	Rabbitsfoot	G3T3	Widespread	Widespread	1	2	1	Lower Tennessee River	Yes	Yes
IMBIV39041	Quadrula cylindrica cylindrica	Rabbitsfoot	G3T3	Widespread	Widespread	1	1	1	1 Kentucky/Licking Rivers	Yes	Yes
IMBIV39042	Quadrula cylindrica strigillata	Rough Rabbitsfoot	G3T2	1	Endemic	1	3	3	Tennessee River - Ridge and Valley	Yes	Yes
IMBIV39070	Quadrula intermedia	Cumberland Monkeyface	G1	1	Endemic	2	4	4	Tennessee River - Ridge and Valle)	Yes	No
IMBIV39070	Quadrula intermedia	Cumberland Monkeyface	G1		Endemic	2	2		Lower Tennessee River	Yes	No
IMBIV39140	Quadrula rumphiana	Ridged Mapleleaf	G3			2	-	-	Coosa River	8	N <sub>o</sub>
IMBIV39140	Quadrula rumphiana	Ridged Mapleleaf	G3			2	1	1	Upper Black Warrior River	No	No
IMBIV39140	Quadrula rumphiana	Ridged Mapleleaf	G3			2	9	2 1	Upper Tombigbee/Lower Black Warrior Rivers	Yes	No
IMBIV39150	Quadrula sparsa	Appalachian Monkeyface	G0	1	Endemic	-	2	2	Tennessee River - Ridge and Valle)	Yes	Yes
IMBIV39150	Quadrula sparsa	Appalachian Monkeyface	G0	1	Endemic	1	1	1	Lower Tennessee River	Yes	Yes
IMBIV39190	Quadrula kierneriana	Coosa Orb	G3Q			2	0	0	Coosa River	No	No
IMBIV42010	Strophitus conasaugensis	Alabama Creekmussel	G3			10	6	6	Coosa River	No	No
IMBIV42020	Strophitus subvexus	Southern Creekmussel	G3			1	1	1	Upper Black Warrior River	Yes	Yes
IMBIV42020	Strophitus subvexus	Southern Creekmussel	G3			1	7	2 (	Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes
IMBIV43020	Toxolasma cylindrellus	Pale Lilliput	G1	1	Endemic	ε	1	. 1	Tennessee River - Cumberland Plateau	No	No
IMBIV43020	Toxolasma cylindrellus	Pale Lilliput	G1	1	Endemic	ε	1	1	Lower Tennessee River	No	No
IMBIV43031	Toxolasma lividus lividus	Purple Lilliput	G2T1	1	Endemic	2	2	2	Tennessee River - Ridge and Valley	Yes	No
IMBIV43031	Toxolasma lividus lividus	Purple Lilliput	G2T1	1	Endemic	2	4	2	2 Lower Tennessee River	Yes	No
IMBIV43031	Toxolasma lividus lividus	Purple Lilliput	G2T1	1	Endemic	2	1	1	1 Cumberland Mountair	No	No
IMBIV43031	Toxolasma lividus	Purple Lilliput	G2T1	1	Endemic	2	1		Upper Cumberland River	No	No
IMBIV45020	Truncilla donaciformes	Fawnsfoot		Widespread		1	2		Coosa River	Yes	Yes
IMBIV45020	Truncilla donaciformes	Fawnsfoot	G5	Widespread		1	5	2	Upper Tombigbee/Lower Black Warrior Rivers	Yes	Yes
IMBIV47050	Villosa fabalis	Rayed Bean	G1G2		Widespread	2	1	1	Tennessee River - Blue Ridge	No	No
IMBIV47080	Villosa nebulosa	Alabama Rainbow	G3		Widespread	1	8	7	Coosa River	Yes	Yes
IMBIV47080	Villosa nebulosa	Alabama Rainbow	G3		Widespread	1	2	2 (	Upper Black Warrior River	Yes	Yes
IMBIV47080	Villosa nebulosa	Alabama Rainbow	G3		Widespread	-	2		Lower Tennessee River	Yes	Yes
IMBIV47110	Villosa perpurpurea	Purple Bean	G1		Endemic	2	3	3	Tennessee River - Ridge and Valley	Yes	No
IMBIV47110	Villosa perpurpurea	Purple Bean	G1		Endemic	2	-	-	Tennessee River - Cumberland Plateau	9 N	No
IMBIV47130	Villosa taeniata	Painted Creekshell	G3G4		Endemic	-	-	-	1 Lower Tennessee River	Yes	Yes
IMBIV47130	VIIIosa taeniata	Painted Creeksnell	6364		Endemic		7 1			Yes	Yes
IMBIV47130	Villosa taeniata	Painted Creekshell	6364		Endemic	_	5	5	Upper Cumberland River	Yes	Yes
IMBIV47140	Villosa trabalis	Cumberland Bean	G1		Endemic	2	2	2	Tennessee River - Ridge and Valle)	Yes	<u>ا</u>
IMBIV47140	Villosa trabalis	Cumberland Bean	G1		Endemic	2	2	2	Tennessee River - Blue Ridge	Yes	No
IMBIV47140	Villosa trabalis	Cumberland Bean	G1		Endemic	2	-	_	Tennessee River - Cumberland Plateau	9 N	No
IMBIV47140	Villosa trabalis	Cumberland Bean	G1		Endemic	2	-		Lower Tennessee River	9 N	No No
IMBIV47140	Villosa trabalis	Cumberland Bean	G1		Endemic	2	2	2 (	Cumberland Mountair	Yes	No No
IMBIV47140	Villosa trabalis	Cumberland Bean	G1	1	Endemic	2	-		Upper Cumberland River	<u>8</u>	No No
IMBIV47152	Villosa vanuxemensis umbrans	Coosa Creekshell	G4T2		Widespread	2	11		Coosa River	Yes	Yes
IMBIV47152	Villosa vanuxemensis umbrans	Coosa Creekshell	G4T2		Widespread	-	2	2 1	Lower Tennessee River	Yes	Yes
IMGASE8010	Lioplax cyclostomaformis	Cylindrical Lioplax	G1			2	-	-	Cahaba River	<u>8</u>	<b>%</b>
IMGASE9010	Tulotoma magnifica	Tulotoma Snail	G1			2	9	8	3 Coosa River	Yes	Yes
IMGASH2010	Lyperium showalteri	Flat Pebblesnail	61			5	2	2	Cahaba River	<u>8</u>	8

Aquatic Animals	Inimals			Distribution by N	Distribution by Major River Basin						
Element Code	Scientific Name	Common Name	Global Rank	South Atlantic Gulf	Ohio and Tennessee	FWI Overall Goal	Total Cap	Total Cap CSRV	EDU Name	CSRV Goal Met	Goal Met All
IMGASJ0050	Pyrgulopsis scalariformis	Moss Pyrg	G1		Endemic	5		-	Lower Tennessee River	2	8
IMGASJ0450	Pyrgulopsis ogmorhaphe	Royal Springsnail	G1		Endemic	10	-	1	Tennessee River - Cumberland Plateau	9	No
IMGASJ5010	Stiobia nana	Sculpin Snail	63			10	1	1	Coosa River	No	No
IMGASK2040	Elimia ampla	Ample Elimia	G1			9	1	1	Cahaba River	No	No
IMGASK2050	Elimia annettae	Lily Shoals Elimia	G1Q			9	2	2	Cahaba River	9N	No
IMGASK2090	Elimia bellacrenata	Princess Elimia	G1			10	-	1	Cahaba River	2	N <sub>o</sub>
IMGASK2100	Elimia bellula	Walnut Elimia	G1			1	ဇ	3	Coosa River	Yes	Yes
IMGASK2110	Elimia bentoniensis	Rusty Elimia	G1			3	9	9	Coosa River	Yes	Yes
IMGASK2160	Elimia capillaris	Spindle Elimia	G1			2	2	2	Coosa River	9	No No
IMGASK2200	Elimia chiltonensis	Prune Elimia	G1			10	2	2	Coosa River	9	N <sub>o</sub>
IMGASK2210	Elimia clara	Riffle Elimia	63			2	7	7	Cahaba River	Yes	Yes
IMGASK2240	Elimia cochliaris	Cockle Elimia	G1			10	3	3	Cahaba River	9	N <sub>o</sub>
IMGASK2260	Elimia comma	Hispid Elimia	G1			2	٦	1	Upper Black Warrior River	2	N <sub>o</sub>
IMGASK2280	Elimia crenatella	Lacy Elimia	G1			10	3	3	Coosa River	2	<u>8</u>
IMGASK2370	Elimia flava	Yellow Elimia	G4				4	1	Tallapoosa River	Yes	Yes
IMGASK2400	Elimia haysiana	Silt Elimia	G1			1	2	1	Coosa River	Yes	Yes
IMGASK2410	Elimia hydei	Glaldiator Elimia	G2			2	-	1	Upper Black Warrior River	<u>8</u>	9 N
IMGASK2480	Elimia nassula	Round-rib Elimia	G1		Endemic	10	٢	1	Lower Tennessee River	9	N <sub>o</sub>
IMGASK2540	Elimia porrecta	Nymph Elimia	G1		Endemic	10	-	1	Tennessee River - Ridge and Valle)	9	No
IMGASK2630	Elimia striatula	File Elimia	GU			10	4	4	Coosa River	2	N <sub>o</sub>
IMGASK2670	Elimia teres	Elegant Elimia	G1		Endemic	10	1	1	Tennessee River - Cumberland Plateau	No	No
IMGASK2680	Elimia troostiana	Mossy Elimia	G1G2		Endemic	10	1	1	Tennessee River - Ridge and Valley	9N	No
IMGASK2900	Elimia ornata	Omata Elimia	63			9	2	2	Coosa River	Yes	Yes
IMGASK3010	Io fluvialis	Spiny Riversnail	G2		Endemic	7	2	2	Tennessee River - Ridge and Valley	Yes	No
IMGASK3010	Io fluvialis	Spiny Riversnail	G2		Endemic	7	1	1	Tennessee River - Blue Ridge	No	No
IMGASK5??2	Leptoxis downiei	Georgia Rocksnail	ن			l	1	1	Coosa River	Yes	Yes
IMGASK5010	Leptoxis ampla	Round Rocksnail	G1G2			2	9	5	Cahaba River	Yes	Yes
IMGASK5090	Leptoxis plicata	Plicate Rocksnail	G1			9	1	1	Upper Black Warrior River	9N	No
IMGASK5100	Leptoxis praerosa	Onyx Rocksnail	G1G3		Widespread	7	1	1	Cumberland Mountair	No	No
IMGASK5110	Leptoxis taeniata	Painted Rocksnail	G1			10	4	4	Coosa River	No	No
IMGASK5141	Leptoxis crassa anthonyi	Anthony Riversnail	G1T1		Endemic	2	1	1	Tennessee River - Cumberland Plateau	No	No
IMGASK5180	Leptoxis melanoides	Black Mudalia	G2			5	1	1	Upper Black Warrior River	No	No
IMGASK6042	Lithasia geniculata pinguis	(a snail)	G3G4T?		Endemic	l	4	4	Upper Cumberland River	Yes	Yes
IMGASK6060	Lithasia jayana	Rugose Rocksnail	G2		Endemic	7	4	4	Upper Cumberland River	Yes	No
IMGASK7??1	Pleurocera unicale	(a snail)	G?		Endemic	5	4	4	Tennessee River - Ridge and Valley	No	No
IMGASK7??1	Pleurocera unicale	(a snail)	G?		Endemic	2	4	4	Tennessee River - Blue Ridge	No	No
IMGASK7020	Pleurocera alveare	Rugged Hornsnail	G3G4		Widespread	l	1	1	Lower Tennessee River	Yes	Yes
IMGASK7020	Pleurocera alveare	Rugged Hornsnail	G3G4		Widespread	_	_	1	Cumberland Mountair	Yes	Yes
IMGASK7030	Pleurocera annulifera	Ringed Hornsnail	G1			_	2	1	Upper Black Warrior River	Yes	Yes
IMGASK7080	Pleurocera foremani	Rough Homsnail	G1Q			1	1	1	Coosa River	Yes	Yes
IMGASK7090	Pleurocera gradatum	Bottle Hornsnail	G3		Endemic	2	1	1	Tennessee River - Ridge and Valle)	No	No
IMGASK7150	Pleurocera showalteri	Upland Hornsnail	G1Q			1	2	5	Coosa River	Yes	Yes
IMGASK7160	Pleurocera trochiformis	Sulcate Hornsnail	G2		Endemic	5	Ψ-	1	Tennessee River - Cumberland Plateau	8	No No
IMGASK7190	Pleurocera walkeri	Telescope Hornsnail	G1		Endemic	9	_	1	Tennessee River - Cumberland Plateau	9 N	N <sub>o</sub>
IMGASV3010	Antrorbis breweri	(a snail)	<b>G</b> 1			က	1	1	Coosa River	<u>8</u>	No

Aquatic	Aquatic Systems												
		=		Cap	Aquatic	Goal	Goal Met All Aq. Regions		Proportion of	Percent of	Length	Proportion	Percent
AS-EDU Code	_	Goal	Cap	CSRV	Ē	et	or CSRV	Length	Length	Length	Captured	Captured	Captured
A001-4:02	Coosa River	_	7	7			No	3423728.65	0.028521501	2.852150128	/92581.84	0.231496687	23.149668/1
B001-4.02	Coosa River	-	-	- 1			oN :	801210.03	0.006674511	0.667451052	345118.72	0.430746879	43.07468792
B004-4.05	Upper Black Warrior River	<b>-</b> c	- 0	0	Ť		Yes	1055641.26	0.00879406	0.879405952	169084.63	0.160172434	16.0172434
C001-4.02	Coosa River	7	٥	٥		_	Yes	1608691.16	0.013401263	0.054768402	861808.72	0.53572043	
C002-4.02	Coosa River	2	0 (	0		Ì	ON :	62142.93	0.000517684	0.051/68403	11387.22	0.183242406	_
C003-4.02	Coosa River	2	3	3		,	No	1564343.71	0.013031825	1.303182456	414041.77	0.264674424	26.46744238
C004-4.03	Cahaba River	2	1	1			No	669176.55	0.005574601	0.557460061	669176.55	1	100
C006-4.02	Coosa River	2	1	-	MB	No ON	No	41759.88	0.000347882	0.034788226	41759.88	1	100
C007-4.05	Upper Black Warrior River	2	1	1	MB	No ON	No	3098179.64	0.025809503	2.580950291	839689.58	0.271026757	27.10267569
C013-4.02	Coosa River	2	2	0	MB	Yes	Yes	1413626.04	0.011776265	1.17762653	537899.86	0.380510718	38.05107184
C014-4.01	Tallapoosa River	2	4	-	MB	Yes	Yes	1830157.22	0.015246194	1.524619408	1402009.26	0.766059465	76.60594646
D002-4.02	Coosa River	က	3	က	MB		Yes	418494.14	0.003486281	0.348628129	295266.01	0.705543953	70.55439534
D003-4.02	Coosa River	3	2	2	MB	Yes	No	1556297.33	0.012964794	1.296479389	1274458.99	0.818904566	81.89045663
D003-4.03	Cahaba River	3	-	-	MB	No No	٥N	186676.72	0.001555117	0.155511749	186676.72	1	100
D004-4.02	Coosa River	3	2	2	MB	Yes	٥N	1729323.51	0.014406195	1.440619504	775063.82	0.448189026	44.81890262
D005-4.02	Coosa River	3	10	10		Yes	٥N	2527638.62	0.021056589	2.105658932	1509956.77	0.597378422	59.73784219
D012-4.03	Cahaba River	3	3	3	MB	Yes	Yes	1005899.43	0.008379683	0.837968332	1005899.43	1	100
D012-4.05	Upper Black Warrior River	3	2	2	MB	Yes	Yes	1187620.21	0.009893515	0.989351517	690434.43	0.581359617	58.13596166
D013-4.05	Upper Black Warrior River	3	2	2	MB		No	497770.9	0.004146699	0.414669935	497770.9		100
D014-4.03	Cahaba River	က	-	-	MB	No No	No	103611.95	0.000863143	0.086314328	103611.95	_	100
D016-4.02	Coosa River	က	0	0	MB	No	No	233009.49	0.001941094	0.194109439	0	0	0
D024-4.02	Coosa River	က	-	3	MB	No No	No	565354.01	0.004709703	0.470970301	467026.9	0.82607869	82.60786901
D024-4.02	Coosa River	က	3	လ	MB		0	565354.01	0.004709703	0.470970301	467026.9	0.82607869	82.60786901
D024-4.05	Upper Black Warrior River	က	6	10			No	4132510.12	0.034426032	3.442603217	1444192.74	0.349471072	34.94710716
D025-4.05	Upper Black Warrior River	က	3	ဂ	MB		0	1259875.77	0.010495443	1.049544285	725187.24	0.57560218	57.56021802
D040-4.02	Coosa River	8	4	4			No	768324.84	0.006400559	0.64005592	768324.84	L.	
D041-4.02	Coosa River	3	8	8			Yes	3107852.61	0.025890084	2.589008395	1707508.89	0.54941759	
D043-4.02	Coosa River	3	1	1			No	644921.75	0.005372545	0.537254508	346711.15	0.537601887	
D049-4.02	Coosa River	3	2	1			No	805827.29	0.006712975	0.671297478	383654.86	0.476100605	47.61006046
D057-4.01	Tallapoosa River	3	11	3			O	1298238.44	0.010815025	1.081502453	1298238.44	1	
D057-4.02	Coosa River	3	1	1			O	184672.01	0.001538417	0.153841718	115783.51	0.626968375	
D058-4.01	Tallapoosa River	3	3	2			Yes	1032849.24	0.00860419	0.860418974	504361.46	0.488320503	48.83205026
D061-4.01	Tallapoosa River	3	3	3			es	244371.92	0.00203575	0.203574954	244371.92	1	100
D064-4.01	Tallapoosa River	3	1	1			No	31656.91	0.000263719	0.026371909	31656.91	1	100
D064-4.02	Coosa River	3	2	0	MB	No No	No	644672.58	0.005370469	0.537046936	634150.18	0.983677916	98.3677916
D069-4.03	Cahaba River	3	3	3			Yes	525251.48	0.004375627	0.437562736	525251.48	1	100
D070-4.05	Upper Black Warrior River	3	2	2		No N	No	1133889.57	0.00944591	0.944591004	431180.32	0.38026659	38.02665898
D070-4.06	Upper Tombigbee/Lower Black Warrior Rivers	3	8	7	WB ∖		0	1391247.68	0.011589842	1.158984153	1391247.68	1	100
A001-1.01	Tennessee River - Ridge and Valley	1	0	0		No N	No	1027655.71	0.007093031	0.709303051	19794.12	0.019261431	1.926143144
B001-1.01	Tennessee River - Ridge and Valley	1	2	2	TC	Yes N	No	2039014.78	0.014073579	1.407357921	617414.08	0.302800198	30.28001984
B002-1.01	Tennessee River - Ridge and Valley	1	0	0			No	717334.54	0.004951148	0.495114826	0	0	
C001-1.01	Tennessee River - Ridge and Valley	2	2	2		Yes	Yes	5948495.87	0.041057391	4.105739137	2294962.2	0.385805462	38.58054624
C002-1.01	Tennessee River - Ridge and Valley	2	1	1	TC	Yes	No	85004.39	0.000586713	0.058671277	85004.39		
C003-1.01	Tennessee River - Ridge and Valley	2	0	0		No	No	154479.43	0.00106624	0.106623969	16302.32	0.105530685	10.55306846

Aduatic Systems	Journa de la company de la com												
		FWI Overall T	Total C	Total /	Aquatic	Goal	Goal Met All Aq. Regions		Proportion of	Percent of	Length	Proportion	Percent
AS-EDU Code	EDU Name	Goal	Cap CS	_	Region	Met	of CSRV	Length	Length	Length	Captured	Captured	Captured
D001-1.01	Tennessee River - Ridge and Valley	2	8	8	TC Y	Ĺ	Yes	572438.93	0.003951057	0.395105749	551420.01	0.963281812	96.32818124
D002-1.01	Tennessee River - Ridge and Valley	2	9	9		۲es	Yes	1481824.54	0.01022777	1.022777042	821670.24	0.55449901	55.44990097
D003-1.01	Tennessee River - Ridge and Valley	2	1	1			No	364770.05	0.002517696	0.251769641	87875.96	0.240907827	24.09078267
D004-1.01	Tennessee River - Ridge and Valley	2	0	0		No N	No	73124.32	0.000504715	0.050471479	0	0	0
D006-1.01	Tennessee River - Ridge and Valley	2	ဗ	7	TC		No	554626.78	0.003828115	0.382811542	554626.78	_	100
D007-1.01	Tennessee River - Ridge and Valley	2	4	4			No	1250708.83		0.863257587	754407.81	0.603184204	60.3184204
D008-1.01	Tennessee River - Ridge and Valley	2	3	က			Yes	1029089.87		0.710292929	134752.46	0.130943335	13.09433354
D009-1.01	Tennessee River - Ridge and Valley	2	0	0	TC	No	No	27771.16	0.000191681	0.019168062	0	0	0
D010-1.01	Tennessee River - Ridge and Valley	2	0	0			No	75236.16	0.000519291	0.051929102	0	0	0
D018-1.01	Tennessee River - Ridge and Valley	2	11	11	TC Y	Yes	Yes	549399.69	0.003792037	0.379203728	549399.69	1	100
D019-1.01	Tennessee River - Ridge and Valley	2	4	4	TC Y	Yes	Yes	1027810.32	0.007094098	0.709409765	600745.01	0.584490152	58.44901518
D020-1.01	Tennessee River - Ridge and Valley	2	0	0			No	15561.35		0.010740672	0	0	0
D023-1.01	Tennessee River - Ridge and Valley	2	-	1		No	No	263291.53	0.001817277	0.181727678	253830.15	0.964065004	96.40650043
D040-1.01	Tennessee River - Ridge and Valley	2	0	0			No	104729.86	0.000722861	0.072286086	3043.58	0.029061244	2.906124385
A001-1.02	Tennessee River - Blue Ridge	-	0	0			No	1427394.49	0.009852086	0.985208622	12503.07	0.008759365	0.875936546
B001-1.02	Tennessee River - Blue Ridge	-	0	0	TC		No	635592.19	0.004386951	0.438695056	31456.5	0.04949164	4.949164023
B007-1.02	Tennessee River - Blue Ridge	٢	0	0	TC		No	391384.38	0.002701392	0.270139242	8815.24	0.022523229	2.252322895
C003-1.02	Tennessee River - Blue Ridge	2	3	က			No	1865357.99	0.012874975	1.287497457	710238.76	0.380751986	38.07519864
C012-1.02	Tennessee River - Blue Ridge	2	10	က			Yes	5801693.23	0.040044138	4.004413801	1901582.81	0.327763419	32.77634192
D003-1.02	Tennessee River - Blue Ridge	2	1	1	TC N	No	No	43691.14	0.000301563	0.030156266	43691.14	1	100
D004-1.02	Tennessee River - Blue Ridge	2	0	0	TC N	No	No	158101.06	0.001091237	0.109123672	0	0	0
D005-1.02	Tennessee River - Blue Ridge	2	0	0	TC N	No N	No	235578.67	0.001625999	0.162599855	0	0	0
D006-1.02	Tennessee River - Blue Ridge	2	0	0	TC N	No	No	6202.97	4.28E-05	0.004281381	0	0	0
D007-1.02	Tennessee River - Blue Ridge	2	0	0		No	No	428935.81	0.002960578	0.29605779	12633.33	0.029452729	2.94527286
D008-1.02	Tennessee River - Blue Ridge	2	3	3	TC Y	Yes	Yes	1031465.76	0.007119328	0.711932803	327475.14	0.317485226	31.74852261
D009-1.02	Tennessee River - Blue Ridge	2	0	0		No	No	61882.49	0.000427122	0.042712203	3274.56	0.052915776	5.291577634
D010-1.02	Tennessee River - Blue Ridge	2	0	0	TC	No	No	932013.56	0.006432894	0.643289435	0	0	0
D011-1.02	Tennessee River - Blue Ridge	2	0	0	TC N	No	No	626272.54	0.004322625	0.432262497	0	0	0
D039-1.02	Tennessee River - Blue Ridge	2	3	3		Yes	Yes	328043.1	0.002264202	0.226420161	325916.72	0.993517986	99.35179859
D040-1.02	Tennessee River - Blue Ridge	2	7	7			No	3676541.75	0.025376031	2.537603065	1422211.46	0.38683403	38.68340296
A001-1.03	Tennessee River - Cumberland Plateau	_	-	-			No	3340834.27	0.023058928	2.305892836	184412.63	0.055199574	5.519957445
C001-1.03	Tennessee River - Cumberland Plateau	2	3	3			Yes	400084.54	0.002761442	0.27614422	343478.9	0.858515803	85.85158027
C002-1.03	Tennessee River - Cumberland Plateau	2	2	2			No	643768.19	0.004443383	0.444338251	617281.44	0.958856697	95.88566965
C006-1.03	Tennessee River - Cumberland Plateau	2	2	2		Yes	No	221422.61	0.001528291	0.152829135	221422.61	_	100
D003-1.03	Tennessee River - Cumberland Plateau	2	1	1	TC	No	No	180659.97	0.001246942	0.124694162	180659.97	1	100
D004-1.03	Tennessee River - Cumberland Plateau	2	1	1	TC	No N	No	340782.2	0.002352129	0.235212875	100303.58	0.294333389	29.43333895
D008-1.03	Tennessee River - Cumberland Plateau	2	4	4	TC Y	۲es	Yes	500221.08	0.003452599	0.34525993	487187.06	0.973943481	97.39434812
D010-1.03	Tennessee River - Cumberland Plateau	2	0	0		No N	No	308502.28	0.002129328	0.212932801	0	0	0
D015-1.03	Tennessee River - Cumberland Plateau	2	4	4	TC	۲es	Yes	2036901.55	0.014058993	1.405899339	1007777.81	0.494760196	49.47601959
D016-1.03	Tennessee River - Cumberland Plateau	2	2	2		Yes	No	593673.73	0.004097623	0.40976232	588960.11	0.992060252	99.20602517
D017-1.03	Tennessee River - Cumberland Plateau	2	0	0			No	1763435.77	0.012171492	1.217149245	0	0	0
D020-1.03	Tennessee River - Cumberland Plateau	2	0	0			No	2406886.97	0.016612687	1.661268705	37213.06	0.015461075	1.546107502
D021-1.03	Tennessee River - Cumberland Plateau	2	_	-			No	393664.91	0.002717133	0.271713297	393664.91	_	100
D024-1.03	Tennessee River - Cumberland Plateau	2	9	9	TC	Yes	No	1645903.65	0.011360269	1.136026851	1581965.83	0.961153364	96.1153364

Aquatic Systems	Systems												
		FWI	To	Total			Goal Met All						
0		=		Cap		Goal	Aq. Regions	4	Proportion of	Percent of	Length	Proportion	Percent
AS-EDU Code	EDU Name	_	cap cs	4	_ :	iet	OT CSRV	Lengtn	Lengtn	Length	Captured	captured	Captured
D025-1.03	Tennessee River - Cumberland Plateau	2	-	-	TC		No	265399.35	0.001831825	0.183182526	265399.35	1	100
D029-1.04	Tennessee River - Nashville Basin	2	0	0	TC No		No	611354.28	0.004219657	0.421965695	5389.85	0.008816246	0.881624645
A001-1.05	Lower Tennessee River	1	1	-	TC Yes		No	1337651.4	0.009232666	0.923266625	711072.07	0.531582496	53.1582496
A003-1.05	Lower Tennessee River	1	1	-	TC Ye	Yes Y	Yes	4967242.24	0.034284635	3.428463483	191704.07	0.038593662	3.859366239
C008-1.05	Lower Tennessee River	2	1	-	TC No		No	1104958.07	0.007626583	0.762658274	403742.36	0.365391566	36.53915664
C010-1.05	Lower Tennessee River	2	4	-	TC Yes		Yes	1350351.69	0.009320326	0.932032551	835791.44	0.618943529	61.89435287
D021-1.05	Lower Tennessee River	2	4	4	TC Yes		No	718744.63	0.004960881	0.49608809	676184.63	0.940785645	94.07856445
D027-1.05	Lower Tennessee River	2	0	0	TC No		No	1965085.12	0.013563306	1.356330585	48380.73	0.02462017	2.462017014
D031-1.05	Lower Tennessee River	2	4	0	TC Yes		Yes	1404900.04	0.009696826	0.969682623	720222.18	0.512650124	51.26501242
D032-1.05	Lower Tennessee River	2	27	0	TC Yes		Yes	4888831.54	0.033743433	3.374343267	4279696.03	0.875402639	87.54026386
D071-1.05	Lower Tennessee River	2	0	0	TC No		No	985795.97	0.006804108	0.680410844	0	0	0
B003-1.06	Cumberland Mountain	1	0	0	TC No		No	41923.26	0.00028936	0.028936049	0	0	0
C005-1.06	Cumberland Mountain	2	2	2	TC Yes		Yes	629845.27	0.004347284	0.434728448	444722.66	0.7060824	70.60824002
C006-1.06	Cumberland Mountain	2	1	1	TC No		No	343768.59	0.002372741	0.237274125	101399.17	0.294963452	29.4963452
D022-1.06	Cumberland Mountain	2	2	2	TC Yes		Yes	325615.9	0.002247449	0.224744872	325615.9	1	100
D023-1.06	Cumberland Mountain	2	20	19	TC Yes		No	3412338.83	0.023552463	2.355246333	3412338.83	1	100
D024-1.06	Cumberland Mountain	2	18	18	TC Yes		No	4237752.79	0.029249592	2.92495916	3432087.66	0.809883877	80.98838772
D028-1.06	Cumberland Mountain	2	3	3	TC Yes		Yes	743143.03	0.005129282	0.512928224	743143.03	1	100
D029-1.06	Cumberland Mountain	2	0	0	TC No		No	417392.71	0.002880906	0.288090573	0	0	0
B003-1.07	Upper Cumberland River	1	0	0	TC No		No	16068.56	0.000110908	0.011090756	0	0	0
B006-1.07	Upper Cumberland River	1	0	0	TC No		No	1541990.28	0.010643043	1.064304318	95594.57	0.061994275	6.199427535
C006-1.07	Upper Cumberland River	2	1	1	TC No		No	61208.51	0.00042247	0.042247012	61208.51	1	100
C009-1.07	Upper Cumberland River	2	1	1	TC No		No	1507146.51	0.010402546	1.040254637	112763.06	0.074818911	7.48189106
D024-1.07	Upper Cumberland River	2	0	0	TC No		No	80285.72	0.000554144	0.055414382	23977.37	0.298650495	29.86504948
D026-1.07	Upper Cumberland River	2	4	4	TC Yes		Yes	2744625.51	0.018943808	1.894380801	1295659.19	0.472071394	47.20713938
D029-1.07	Upper Cumberland River	2	2	2	TC Yes		No	1038029.5	0.007164632	0.716463193	351536.01	0.338657052	33.86570517
D032-1.07	Upper Cumberland River	2	2	1	TC Yes		Yes	2926512.09	0.020199216	2.019921588	426876.28	0.145865203	14.5865203

Appendix B. Scorecard of Conservation Target Goals and Goals Met

						Ecoregional G	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	on and	‡ of Targe	t EOs Ca	aptured by Suk	region & Bu	ıffer			
							Northern				Southern					
Natural	Natural Plant Communities					Cumberland Mountains	Cumberland Plateau	s,	(Northern) Ridge & Valley	alley	Cumberland Plateau	(Southern) S. Ridge & Va	(Southern) Ridge & Valley			
Element Code	e Scientific Name	Common Name	Global E	Eco. Total Dist. EOs	Total Overall EOs Goal	Goal Cap Cap	Goal Cap C	Buff. Cap Goal	Сар		Goal Cap Cap	f. Goal Cap	Buff. Cap	Total 4	# Pub. CAs Land	Goal
CECX001000	Nashville Basin/Moulton Valley Limestone Glade Complex	Nashville Basin/Moulton Valley Limestone Glade Complex		,	19	13					13 10			9	п	No
CEGL002596	Thuja occidentalis / Carex ebumea - Pellaea atropurpurea Woodland	Appalachian Cliff White-cedar Woodland G2G3		>	0	20			5							8
CEGL003560	Pinus echinata / Schizachyrium scoparium Appalachian Woodland	Shortleaf Pine / Little Bluestem Appalachian Woodland	G2 L		n	-	<b>o</b>							-	-	<sup>o</sup> Z
CEGL003606	Pinus palustris - Pinus echinata - Pinus taeda / Kalmia latifolia - Vaccinium pallidum Woodland	af Woodlands	G1? E	Ш	0	18						18				ž
CEGL003617	- Sorghastrum	.⊑	G2? E	ш	0	18 18										8
CEGL003737	Acer rubrum var. trilobum / Alnus serrulata / Calamagrostis coarctata Saturated Woodland	Interior Streamhead Seepage Swamps	G2G3 E	Ш	0	25	25									§
CEGL003758	Juniperus virginiana var. virginiana - Quercus muehlenbergii - (Quercus austrina) / Croton alabamensis Woodland	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G1 E	Ш	-	8-						18	-	-	-	8
CEGL003836	Arundinaria gigantea ssp. gigantea Shrubland		G2? V	W	0	9			3			3				No
CEGL003914	Ainus serrulata - Rhododendron arborescens / Sarracenia oreophila - Rhynchospora rariflora Shrubland Appalachian Bogs, Fens, and Seeps		G1 E	В	0	25					25					N <sub>O</sub>
CEGL003937	Juniperus virginiana var. virginiana - Croton alabamensis - Andrachne phyllanthoides / Carex eburnea Shrubland	Appalachian and Interior Low Plateau Carbonate Glades and Barrens		Ш	0	25						25				°Z
CEGL004061			G2Q E	В	ю г	26 13	-				13	2		3	2	<sub>o</sub> N
CEGL004078	um scoparium - Sporobolus compositus var. - Rudbeckia fulgida var. fulgida Wooded s Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2 L		0	0	თ									o N
CEGL004080	m - Sporobolus junceus - nnatiloba - Onosmodium sp. 1 :getation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G1 E	Ш	31	25						25	24 7	31	-	Yes
CEGL004169	n - Carex on	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2Q		22	6.					13 3			က	ю	°Z
CEGL004285	Hymenocallis caroliniana - Justicia americana Herbaceous Vegetation	Eastern Interior Rocky Riverbed Herbaceous Vegetation	G1 L	-	0	13						13				No
CEGL004301	nirabile -		G2 E	Е	0	25 5	5		5		5	5				No
CEGL004343	Diamorpha smallii - Minuartia glabra Sandstone Herbaceous Vegetation	Appalachian Sandstone Glades and Barrens	G2G3 E	Е	-	26	13 1				13			1	1	N <sub>o</sub>
CEGL004392	Asplenium montanum - Silene rotundifolia Sparse Vegetation	Shaded Outcrops	G2G3 L		0	15 5	5				5					No
CEGL004395	Toxioodendron radicans / Heuchera americana - (Dichanthelium depauperatum, Woodsia obtusa) Herbaceous Vegetation	Shaded Outcrops	G? L		0	4					7	7				o N
CEGL004417	Betula alleghaniensis - Acer saccharum - Aesculus flava / Acer pensylvanicum / Trillum grandiflorum Forest	Appalachian Northern Hardwood Forests G2G3Q		ш	2	18 18										8

Appendix B. Scorecard of Conservation Target Goals and Goals Met

						Щ	oregional G	oal by Subre	gion and	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	Os Captu	red by Subi	region & Buff	fer			
								Northern			Š	Southern					
Natural	Natural Plant Communities					Oun	Cumberland Mountains	Cumberland Plateau		(Northern) S. Ridge & Valley		Cumberland Plateau	(Southern) S. Ridge & Valley	ern) Valley			
Element Code	Scientific Name	Common Name	Global E Rank D	Eco. Total Dist. EOs	tal Overall Os Goal	Goal	Buff. Cap Cap (	Goal Cap	Buff. Cap	Goal Cap Cap	ff. p Goal	Buff. Cap Cap	Goal Cap	Buff. Cap	Total # Cap CAs	Pub.	Goal Met
CEGL004445	Pinus echinata - Quercus prinus - Quercus stellata / Vaccinium pallidum / Pityopsis graminifolia var. latifolia Woodland	Shortleaf Pine Woodlands and Forests	G2? L?		4	13	4			13					4	<del>-</del>	4 0 0
CEGL004476	Asplenium ruta-muraria - Pellaea atropurpurea Sparse Vegetation	Shaded Outcrops	G3G4 L		0	15		က		n	က		က				ž
CEGL004622	Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala Herbaceous Vegetation	Appalachian Sandstone Glades and Barrens	G2 E		11	26					13	10	13		10	4	5 No
CEGL004738	Juniperus virginiana / Schizachyrium scoparium - (Andiopogon gerardii, Sorghastrum nutans) - Silphium (tirfolatum, terebinthinaceum) Wooded Herbaceous Vegetation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2 E		4	25	-				25				-	-	N 0 0
CEGL004742	Cephalanthus occidentalis / Hibiscus moscheutos ssp. moscheutos Shrubland		G2G3 L		0	4		7			7						S
CEGL004757	Schizachyrium scoparium - Andropogon gerardii - Sorghastrum nutans Coosa Valley Barren Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G1 E		0	25							25				Š.
CEGL004767	Tsuga canadensis - (Liriodendron tulipifera, Fagus grandifolia) / (Magnolia macrophylla, llex opaca) / Polystichum acrostichoides Forest	Cove (Mixed Mesophytic)	G1G2 E			25	co.	-			25				9	n	S S
CEGL004944	Carex leptalea - Parnassia grandifolia - Juncus coriaceus - Solidago patula Ridge and Valley Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G2G3 E		-	25				25 1					-	-	2
CEGL004988	Cystopteris bulbifera / Dumortiera hirsuta Sinkhole Wall Sparse Vegetation	Shaded Outcrops	G1 L		0	13					13						g
CEGL005131	oergii - Juniperus virginiana / parium - Manfreda virginica Wooded ation	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	G2G3 L		51	4				22	7		7 27		64	2	26 Yes
CEGL006234	Scirpus robustus - Juncus gerardii - Hordeum jubatum - Atriplex patula Herbaceous Vegetation	Inland Salt Marshes and Pannes	G1 L		-	13				13 1					-	-	°Z
CEGL006283	Andropogon gerardii - Panicum virgatum - Baptisia australis Herbaceous Vegetation	Riverscour Prairies	G2G3 L		18	14	17	7 1		7					18	3	18 Yes
CEGL007539	Pinus virginiana - Quercus prinus - Quercus rubra / Vaccinium pallidum - Kalmia latifolia Forest	Appalachian Shale Glades and Barrens	G2? L		_	41				41							ž
CEGL007565	Tsuga canadensis - Acer rubrum - (Liriodendron tulipífera, Nyssa sylvatica) / Rhododendron maximum / Sphagnum spp. Forest	Appalachian Forested Bogs	G2 L		2	13 13											No
CEGL007771	Carex gynandra - Scirpus cyperinus - Eriophorum virginicum - Osmunda cinnamomea Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G1Q E		7-	25 25	~								-	-	N ON
CEGL007931	Andropogon gerardii - Panicum (anceps, virgatum) Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G2? E		0	26		13		13							<sup>o</sup> Z
CEGL007932	Schizachyrium scoparium - Sorghastrum nutans - Silphium spp. Herbaceous Vegetation	Appalachian and Interior Low Plateau Patch Prairies, Savannas, and Grasslands	G2? E		0	26		13		13							<u>8</u>
CEGL008406	Quercus stellata - Pinus virginiana / (Schizachyrium scoparium, Piptochaetium avenaceum) Woodland	Eastern Glades and Barrens	G2? E		-	25				25 1					1	1	N N
CEGL008426	Thuja occidentalis - Pinus strobus - Tsuga canadensis / Dirca palustris Forest	Northern White-cedar Bluffs	G1G2 L		0	13				13							2

Appendix B. Scorecard of Conservation Target Goals and Goals Met

						Ecoregiona	I Goal by St	ubregion an	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	Os Captured	by Subreg	jion & Buffer			
							Nort	Northern		Sout	Southern				
Natural	Natural Plant Communities					Cumberland Mountains	Cumb	Cumberland Plateau 8	(Northern) S. Ridge & Valley		Cumberland Plateau S	(Southern) S. Ridge & Valley	ley		
Element Code		Common Name	Global Ec Rank Di	Eco. Total Dist. EOs	Overall Goal	Goal Cap Cap	Goal	Buff. Cap Cap (	Goal Cap C	Buff. Cap Goal C	3uff. Cap	Goal Cap Ca	Buff. Total Cap Cap	# CAs	Pub. Goal Land Met
CEGL008432	Osmunda cinnamomea - Rhynchospora capitellata - Thalictrum mirabile Cumberland Seepage Cliff Herbaceous Vegetation	Cliffs	G162Q E		0 25					25					S Z
CEGL008435	nium trichomanes - Thalictrum m conicum Herbaceous	Cliffs	G2 L		13		13								o Z
CEGL008437	Pinus palustris - Pinus echinata - (Pinus virginiana) / Quercus marilandica - (Quercus prinus) / Vaccinium pallidum Woodland	Montane Mixed Longleaf Woodlands	G2 L		6							<b>o</b>			2
CEGL008439	Cephalanthus occientalis - (Salix nigra, Quercus Iyrata) Karst Depression Shrubland		G1Q E		0 26					13		13			<sup>8</sup>
CEGL008440	Quercus alba - Nyssa sylvatica Sandstone Ridgetop Depression Forest	Oak Ponds	G2Q E		0 25					25					No
CEGL008442	Quercus shumardii - Quercus muehlenbergii / Acer (barbatum, leucoderme, saccharum) - Ostrya virginiana Forest	Circumneutral Eastern Dry-mesic Oak Forests	G2G3 L		0					7		7			8
CEGL008449	Juniperus virginiana var. virginiana - Pinus virginiana - Quercus stellata / Amelanchier spicata / Danthonia spicata - Melica mutica Woodland	Appalachian Gorge Evergreen/Deciduous Riverside Flatrock Woodland	G2? E		25	25 2								_	N N
CEGL008458	Fraxinus americana - Carya ovata / Frangula caroliniana Circumneutral Eastern Dr / Helianthus hirsutus Forest	Circumneutral Eastern Dry-mesic Oak Forests	G1? E		1 25				25 1					-	1 No
CEGL008459	Osmunda cinnamomea - Carex lurida - Juncus effusus - (Carex cinnata, Carex intumescens, Sphagnum spp.) Cumberlands Mountain Seepage Herbaceous Vegetation	Appalachian Bogs, Fens, and Seeps	G2G3 E	15	25	25 15							15	N	9 9
CEGR031010			na L				15			15	2	15 2	4		2 No
CEGR031050		Depressional Buttonbush Ponds	na L	_	4 16	4	4	I		4		4	4		No
CEGR038010	Southeastern Floodplain Forests Oak Bottomland Forests	Southeastern Floodplain Forests Oak Bottomland Forests	na L	·	7 12	3 1	6	-		က		е	8	ო	o Z
CEGR038015	Aixed Hardwood	Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests	na	23		-	8	7	ω	œ		- ω	21		11 0
CEGR038020 CEGR038025	Floodplain Eastern Hemlock Forests Riverbank Shrublands	Floodplain Eastern Hemlock Forests Riverbank Shrublands	na L na L		4 15	3 2	3 2	- c	3 2	m		m	9 8	0 8	1 No
CEGR038030		Floodplain Shrublands	na L	12	15	3 10	8		3	3		3	10		1 No
CEGR038040	Eastern Interior Rocky Riverbed Herbaceous Vegetation	Eastern Interior Rocky Riverbed Herbaceous Vegetation	na L		09 9	12 6	12		12	12		12	9	က	4 No
CEGR039010	Eastern Dry-mesic Oak Forests	Eastern Dry-mesic Oak Forests	na L	32	2 55	11 13	11	10	11	11		11	23	11	17 No
CEGR039015	Circumneutral Eastern Dry-mesic Oak Forests	Circumneutral Eastern Dry-mesic Oak Forests	na L	23		8 7	∞	-	8 12	8		80	21	10	No No
CEGR040010		Eastern Mesic Hardwood	na	25	20	7 4	4	4	4	4	-	4	4	o	12 No
CEGR040015	/ Low Slope Hardwood		na L		0 40	ω ,	ω ,		ω ,	80		ω		,	8 :
CEGR040740	Southeastern Interior Acid Cliffs	Southeastern Interior Acid Cliffs Southeastern Interior Alkaline Cliffs	na	4	30 30	15 1	15	I	15	٣	1	ď		- +	0 Z
CEGR040765	Southeastern Interior Rock House	Southeastern Interior Rock House	na L	$\bot$	10	2 2	7 7		2 2	7 0		7 0		-	0 N
CEGR041005	Appalachian and Interior Low Plateau Carbonate Glades Appalachian and Interior and Barrens Carbonate Glades and B	Appalachian and Interior Low Plateau Carbonate Glades and Barrens	na		9 108		27		27 1	27		27		_	2 No

Appendix B. Scorecard of Conservation Target Goals and Goals Met

							Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	Goal by	Subregi	t pue uc	# of Targe	t EOs	Captured	by Sub	region &	Buffer				
								ž	Northern				Southern	hem						
						ರ	Cumberland	Cur	Cumberland	_	(Northern)	(F	Cump	Cumberland	8)	(Southern)	_			
Natural	Natural Plant Communities					≥	Mountains	Ъ	Plateau	S.	Ridge & Valley	/alley	Plat	Plateau	S. Rid	S. Ridge & Valley	alley			
		;	_	-		_			ω,	Buff.		Buff.		Buff						
Element Code	Scientific Name	Common Name	Rank	Dist.	EOS	Goal Goal	Cap Cap	Goal	Cap	Cap Goal	al Cap	Cap	Goal	Cap Cap	Goal	Cap Cap		Cap CAs	s Land	Met
		Appalachian Sandstone Glades and																		
CEGR041025	Appalachian Sandstone Glades and Barrens	Barrens	na	_	က	12	2	က			က		က		က			7	7	2 No
		Appalachian High Elevation Spruce-Fir																		
CEGR042010	Appalachian High Elevation Spruce-Fir Forests	Forests	na	_	က	15	8	က			3	-	က		က			က	_	1 8
CEGR042020	CEGR042020 Appalachian Northern Hardwood Forests	Appalachian Northern Hardwood Forests na	na		2	9					3							-	-	N N
CEGR044010	CEGR044010 Appalachian Oak Forests	Appalachian Oak Forests	na		8	15 5	2 2	2			5							7	4	7 No
		Appalachian Cove (Mixed Mesophytic)																		
CEGR045010	Appalachian Cove (Mixed Mesophytic) Forests	Forests	na	_	92	15	5 12	5	52	4	5 7							75	21	56 Yes
CEGR045020	CEGR045020 Upland Eastern Hemlock Forests	Upland Eastern Hemlock Forests	na		16	16 4	9	4	5	-	4		4					12	2	10 No
		Southeastern Interior Limesink Wooded																		
CEGR045820	Southeastern Interior Limesink Wooded Ponds	Ponds	na		4	15 3	3	က			3		3		3					No
CEGR046010	CEGR046010   Xeric Oak-Pine Forests	Xeric Oak-Pine Forests	na		24	30 е	01 9	9	6		6 1		9		9			20	6	11 No
CEGR046030	CEGR046030 Shortleaf Pine Woodlands and Forests	Shortleaf Pine Woodlands and Forests	na	7	3	42		14	-				14		14			-	1	1 No
CEGR046040	Upland White Pine Forests	Upland White Pine Forests	na	7	1	10	1	2			2							1	1	No
CEGR047020	Interior Streamhead Seepage Swamps	Interior Streamhead Seepage Swamps	na		10	30	8	9	4		9		9		9			7	5	4 0 0
CEGR047040	CEGR047040 Appalachian Bogs, Fens, and Seeps	Appalachian Bogs, Fens, and Seeps	na			15	5	5	7		5 1							Ŋ	2	N N
CEGR047050	Northern White-cedar Fens	Northern White-cedar Fens	na		2	15 3	3	က			3 1		က		က			-	1	٥N
CEGR068010	Miscellaneous Aquatics	Miscellaneous Aquatics	na		0	30	9	9			9		9		9					οN
CEGR068020	Shallow Freshwater Vegetation	Shallow Freshwater vegetation	na	7	27	60 12	15	3 12			12		12		12			18	4	7 No
CEGR068030	CEGR068030   Deep Feshwater (Non-riverine) Pond Vegetation	Deep Freshwater (Non-riverine) Pond Vegetation	na l		3	45 6	9 2	1			6		6		6			3	2	N <sub>O</sub>
CEGR082010	CEGR082010 Miscellaneous Aquatic Shrub Swamps	Miscellaneous Aquatic Shrub Swamps	na		_	15	3 1	ю			<b>е</b>		က		3			-	_	1 N 0

							Ecoregional G	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	and # of Targ	et EOs C	aptured by Su	bregion 8	& Buffer			
								Northern			Southern			1		
Plants							Cumberland Mountains	Cumberland Plateau	(Northern) S. Ridge & Valle	n) Valley	Cumberland Plateau	S) S. Ride	(Southem) Ridge & Valle	<u> </u>		
Element Code	Scientific Name	Common Name	Global Rank	Eco. To	Total Viable EOs EOs	Overall	Goal Cap Cap	Goal Cap Cap	ő		Goal Cap Cap	Ğ	Buff. Cap Cap	ff. Total p Cap	# CAs	# on Pub. Goal
PDSCR01130	Agalinis auriculata	Earleaf Foxglove	63		2	2		•	3		-			_	-	F
0	Ageratina luciae-brauniae	Lucy Braun's White Snakeroot		Е	93 20	20		20 17						17	3	18 No
	Allium speculae	Little River Canyon Onion		ш	21	20					20 6		·	9	2	4 No
	Alnus maritima	Seaside Alder		ا ۵		2					,	,	- ;		- (	°Z
	Andrachne phyllanthoides	Missouri Buck-brush	64	Δ .	20 20			7			1	10	16	3 20	7 7	, √e
П	Apios priceana	Price's Potato-bean	75	_	, !			n			7	0 !		- (	- 0	2 :
PDBRA060N0	Arabis georgiana	Georgia Rock-cress	622	_	17 13	15			C		4	15	13	13	m +	ON S
	Arabis patens	Spreading Rock-cress	G3		n 1	ט ר			7		- C			- 10	- c	ON Z
T	Asplenium scolopendrium var. americana	Hart's-tongue Fern	G413	_	2 2	Ω,		2 1			2		c		7 0	2
PDAS101180	Aster georgianus	Georgia Aster	6263		37	. ·		C	7	Ī	GI.	C	χ	7 0	7 0	NO
T	Aster praterists	Barrens Silky Aster	637	L L	n (c	0 2	7		4			0		7 6	v (	
7	Aster saxicastemi	Tennessee Milk-vetch	63		7			67 67		I	10 1			2 6	7 +	0N 22
	Aureologia notule	Spreading False foxelove	2003		, 2	0 00		т -	7		-	Ľ	,	- 10	- (*	0 NO
	Auleolalia patula Berheris canadensis	American Barberry		٠ ۱	8 5	4 60	c	0 0	0 6			0	-	. u	o <	2 2
T	Betulo uhor	Virginio Bound log Birah	3	ا ا د	<u>+</u> +	2 +	0		1 4	•				7	1 4	- t
PDI AMORO30	Beruia ubel Riephilla subnuda	Cumberland Pagoda-plant	G1G2	ш	- α	- 00					20 6	ļ		-	- 0	ű c
PMPOA18010	Calamovifa arcuata	Cumberland Sandreed	- CE	1	18 0	202	7	10							1 ←	S S
_	Calvetacia catashiana sen saricata	Catesby's False Bindwood	C3T2T3				-			Ī	2	T.	7		- +	ON N
	Cardamine flagellifers	Bitter Cress	63		18	, r.	10 8		T.				-	-   «	- 1	S S
	Carax hrysonii	Bryson's Sedde	3 5	, L							10			) r	- 0	2 0
		(on indescribed indian	5	ı	,	2				Ī				,	1	1
PDSCR0D3Y0	Castilleia sp. 1	(ari direcsoribed maint paintbrush)	G2	ш	0							20	7	1	_	2
	Cimicifuga rubifolia	Appalachian Bugbane			70 13				18 11		2			1	4	2 No
	Clematis morefieldi.	Morefield's Leather-flower	G1	Ш		10					10 1	_		2	1	No
PDRAN08130	Clematis socialis	Alabama Leather-flower	G1	В	7							10	4	4	က	1 No
NBHEP0X090	Cololejeunea ornata	Liverwort	G2G4		2 2						10 2			2	1	9
PDLAM0D050	Conradina verticillata	Cumberland Rosemary	63	Е			5	15 8				2		8	2	8 No
PDAST2L0S0	Coreopsis pulchra	Woodland Tickseed	G2	_	19 10						10 8	2	-	6	7	1 No
PDROS0H540	Crataegus triflora	Three-flowered Hawthorn	G2	7	16 9						4	7	5	6		3 No
PMSTE01010	Croomia pauciflora	Croomia		_	ľ						7 3	5 8	- (	9 0	2	<u>8</u>
	Croton alabamensis var. alabamensis	Alabama Croton	3	<u></u> ц	.7						1 4	7 16	19	1 23	7 ,	Yes
PUCUSU1000	Cuscuta narperi Cvarinadium kantuckianse	Rarper's Dodder	62	ц %	20 4	70	7	T.			4	Ω		4 0	- и	ON L
	Dalea foliosa	Leafy Prairie-clover	33	:			-			I	10			<u>'</u>		S S
_	Dalea sp. 1	(an undescribed prairie-clover)		Ш	17 14	20						20	12	2 14	-	N <sub>o</sub>
	Delphinium alabamicum	Alabama Larkspur		Э	12 6						20 2		1	က	က	No
	Delphinium exaltatum	Tall Larkspur	63	7	21	10			9 3		1			3	1	3 No
PDPR103060	Dodecatheon frenchii	French's Shootingstar	63		2	10		5			5 1			1	1	1 No
	Erigeron strigosus var. 1	(an undescribed daisy fleabane)	23	Ш	28 20							20	16	4 20	-	Yes
PDPGN083R2	Eriogonum longifolium var. harper.	Harper's Umbrella-plant	G4T2		11 6	15					15 1			1	1	No
PDEUP0Q1T0	Euphorbia purpurea	Glade Spurge	G3	٦	11	15			15 3					3	1	No
	Fimbristylis brevivaginata	Glade Fimbry	G2	В	<del>-</del>	2					5 1				-	No
	Fimbristylis perpusilla	Harper's Fimbristylis		× .							5 1				-	ON :
PDHAM01020	Fothergilla major	Mountain Witch-alder	G3	_	18 6		3	က	8		4	က	2	9	4	3 No
	Helianthus eggertii	Eggert's Sunflower	63	]	9			5 1			2	ľ	Ì	4 (	7 0	2 :
PDAST4N0U0	Helianthus Iongifolius Helianthus varticillatus	Longleaf Sunflower	62		4 n	15					20	7 01	,– u	7 4	7 +	2
	Hevestulis contracts	Southern Heartleaf	5 6	J LL				200				2	0	) (	- 0	L NO
PMI II 15040	Hymenocellis coronaria	Shoale Spiderlik	88	J _	33	7 4		7		Ī	1	10	ĸ	7 0	۱ ۳	2 2
	Tyllellocans colonara	Ollogia Opidaling	3	_							5	2	٥	,	>	:

												i.				-			
							Ecore	gional GC	al by Sub	region ar	Ecoregional Goal by Subregion and # or Larget EOS Captured by Subregion & Burrer	get EUS	Captured	by subrec	jion & But	je.			
1							Cumberland	land	Northern		(Northern)	(me	Soutnem		(Southern)	Ę.			
Plants					ł		Mountains	sins	Plateau	T	S. Ridge 8	Valley	Plateau	an S.	. Ridge &		ł		
Element Code	Scientific Name	Common Name	Global Rank	Eco. Dist.	Total Viable EOs EOs	ble Overal	III Goal Cap	Buff. Cap	Goal	Buff. Cap	Goal	Buff. Cap	Goal Cap	Buff. Cap	Goal Cap	Buff. Cap	Total # Cap CAs	# on Pub.	. Goal Met
	Hymenophyllum tayloriae	Taylor's Filmy Fern	6162		_	-	0												1 No
	Hypericum adpressum	Creeping St. John's-wort	G2G3	8	-		3						m	1			-	1	1 No
	llex collina	Long-stalked Holly	G3	7	4	2 1	15 15					1					1	1	2 No
	Jamesianthus alabamensis	Alabama Jamesianthus	63		54		20						10	2	10 5	1	8	3	2 No
	Leavenworthia alabamica var. alabamica	Alabama Gladecress	G2G3T2T3Q	Е	ნ		2							2			2	2	S N
	Leavenworthia crassa	Fleshy-fruit Gladecress	G2	ш	80		10							4			4	2	2 No
	Leavenworthia exigua var. lutes	Pasture Gladecress	G4T1	ш	o ;		15						5 !		10	4	4	-	2
	Lesquerella lyrata	Lyrate Bladderpod	G1	ш	7	5	15						15	n			က	2	9 N
0	Liatris sp. 1	(an undescribed blazing-star)	G1	Ш	7	7	10								10 7	_	7	1	No
PDPRI07070 L	Lysimachia fraseri	Fraser Loosestrife	G2	_	7	2	10						2		5	01	2	2	1 No
PDAST68030 M	Marshallia grandiflora	Large-flowered Barbara's Buttons	G2	_	27		3		15	2	7		i		i		9	n	No S
	Marshallia mohrii	Mohr's Barbara's Buttons	63	ш	71		0,				ŀ	I	2			3	25	2	1 Yes
	Marshallia trinervia	Broadleaf Barbara's Buttons	63	_	7	6	15			2	ŀ		2	-	5 2		2	3	2 No
PDCAR0G0Z0 M	Minuartia cumberlandensis	Cumberland Sandwort	G2	Ш	35		0;		20 1	15	ŀ		ŀ			L	15	1	15 No
	Monotropsis odorata	Sweet Pinesap	63	۵	22		.5 3			1	n	-	15			İ	4	4	1 No
PDROS14010 A	Neviusia alabamensis	Alabama Snow-wreath	G2	٦	32		2							10 2	5	-	14	8	1 No
PDBOR0S060	Onosmodium sp. 1	(an undescribed false gromwell)	G1G2	Ш	30		0;								20 21	7	28	1	Yes
PDSAX0P060 P	Parnassia grandifolia	pamassus	G3G4	>			10 2				2	2			3		3	3	<u>8</u>
	aronychia virginica	Yellow Nail-wort	84	_	21	21 1	15								15 17	4	21	1	Yes
	Paxistima canbyi	Canby's Mountain-lover	G2	_			15		8		7	-			2		1	1	1 No
PDPLM0D1K0 P	Phlox pulchra	Wherry's Phlox	6263	٦	4		15						2		10 1		1	1	No
(	Platanthera integrilabia	White Fringless Orchid	G2G3	Е	29	23 2	35		15 20	0			2		5 1	1	22	9	11 No
	Polymnia laevigata	Tennessee Leafcup	63	Г	17		15		2				2	2	5 1		3	2	No
	Potamogeton tennesseensis	Tennessee Pondweed	G2	_ :	œ (	e (	15			က							က	-	2
_	Prenanthes barbata	Barbed Rattlesnake-root	G3	≥ (	o I	6	0								10 8	~	80	2	No :
	Ptilimnium costatum	Eastern Bishop-weed	637	۵ د	υ <u>′</u>	- 0	2 4			I			7	c	4		- 0		<u>و</u>
PDAPITY040	Pullmium nodosum Diceasthemim foresi	Harperella Torrey's Mountain Mint	25	_ د	- 6	υ <sub>τ</sub>			ł	I	ц	-	CI.	2		1	η <sub>τ</sub>	- +	ON ON
	yenaninemuni toher	Powden's Sand Boot Oak	2 6	J U	7 0	- 0	0 4		l	I	?	I	14	7	0,		- u	- 0	NO V
Т.	Quercus boynoriii Rhvnchospora thomei	Doyllotts Saild Post Oak Thome's Beakrish	G1G2	u _	0 1	0 17	υ <del>τ</del>		ı	I	ł	I	0	Ī	15 11		0 7	0 0	0 2
	Rudbeckia auriculata	Fared Coneflower	G1 G1	J	9	. 5	2		ı	I	ŀ	I	15				. 4	1 (0)	S S
	Rudbeckia heliopsidis	Sun-facing Coneflower	62		21	9 6	15		l	I	ŀ		10	2			6	4	No No
	Rudbeckia triloba var. pinnatilobe	Pinnate-lobed Black-eyed Susan G4T	G4T2?	_	46	30 1	15				m	1			12 25	4	30	2	Yes
(	Sabatia capitata	Rose Gentian	G2	Е	14	6 2	03			2			7	3	6 1		9	4	3 No
	Sagittaria secundifolia	Little River Arrow-head	G1	ш	8		50						15	2	5		9	3	1 No
	Sarracenia oreophila	Green Pitcher Plant	G2	ш.	42	9	20		2		-		10	2	5		9	4	٥ ا
	Saxifraga caroliniana	Carolina Saxifrage	G2	7	14	,	2				10	N					7	2	No.
	Schisandra glabra	Bay Starvine	63	۵	15	ر. د	0		2						8 2	-	က	_	No No
	Schoenolinon wrighti	Texas Sunnybell	63	ا ۵	e (	e ;	0 9			I	ł		10	8			e ;	2	J No
	Scutellaria alabamensis	Alabama Skulicap		ш	16		02						2				11	1	ON :
	Scutellaria montana	Large-flowered Skullcap	G2	ш	136	30	25		2	16	2		2		10 10	0	26	6	9 Yes
_	Sedum nevii	Nevius' Stonecrop	63	_	35		15						∞	3	7 16	<b>6</b>	21	3	Yes
	Senecio millefolium	Blue Ridge Ragwort	G2	Δ.	80 5		:				15	7					7	e .	S :
_	Sida hermaphrodita	Virginia Mallow	622	٦.	19		15 10	20 0	S C	I	ł		ł		L	1	n 0	1	3 No
	Silene ovata	Ovate Catchily	6263		17.		,	N	χ τ	I	•		c	I			7 7		NO Z
	Welle Legia	Cumborland Bosingood	3 8	<u>, u</u>	00		2 14		- 1		+	I	2 0	ď	2	7	2 0	- 4	S 04
PDASTRIONO S	Silphium sp. 1	(an undescribed rosinweed	25)	л п	32	2 2	20	1	,	0		I	0		20 12	0	8 4	0 +	2 2
_	inplinant sp	(מון מוומפסטוואפט וספווואפטא)	GZ	_	30		0.1										ŗ		2

Appendix B. Scorecard of Conservation Target Goals and Goals Met

							ш	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	inal Goa	l by Sub	region a	nd # of	Target E	EOs Cap	otured by	, Subreç	jion & Bι	ıffer			
										Northern	m				Southern	_					
Dispto							วี วี	Cumberland	p p	Cumberland	land	S)	(Northern)		Cumberland		(Southern)	em)			
רומווט				ŀ			≥	Mountains	S	Plateau	au.	S. Ridg	S. Ridge & Valley	ey	Plateau	S)	. Ridge & Valley	, Valley			
				Eco. T	otal Vi.	Total Viable Overal	Į	ш	Buff.		Buff.	ı	Buff	Ħ.		Buff.	i	Buff.	Total	# ou	# on Pub. Goal
Element Code	Scientific Name	Common Name	Global Rank Dist.		EOS	EOs Goal	Goal	Сар	Cap	Goal Cap	Cap	Goal	Cap Cap	ap Goal	Сар	Cap	Goal Cap	Cap	Cap	CAs La	Land Met
PDAST8L0K0	Silphium wasiotense	Kentucky Rosinweed	G3?	Е	2	2	20			20			2						2	-	2
PDSOL0Z093	Solanum carolinense var. hirsutum	Carolina Horse-nettle	11	Е	18	14 2	20										20 1	12 2	14	1	S N
PDAST8P010	PDAST8P010 Solidago albopilosa	White-haired Goldenrod	G2	Е	47	19 2	25			25 15	5 4								19	1	17 No
PDLOG08021	Spigelia gentianoides var. alabamensis	Alabama Gentian Pinkroot	G2T1	Е	17	17 2	20										20 1	17	17	1	No
PDROS1Q0E0	PDROS1Q0E0 Spiraea virginiana	Virginia Spiraea	G2 I	_	26	22	30 7	4 4		18 15	2				3 1		2	2	22	11	15 No
PDPOR08050	Talinum calcaricum	Limestone Fame-flower	1 89		2	2	10							1	1 0				1	1	No
PDPOR080C0	Talinum mengesi	Menge's Fame-flower	1 89		16	10 1	15			4					8	ဇ	3	1	6	9	3 No
PDRANOM070	Thalictrum debile	Southern Meadow-rue	C2	_	4	1	10								2		2				No
PDRANOMODO	PDRAN0M0D0   Thalictrum mirabile	Little Mountain Meadow-rue	GZG3Q	В	7	7 2	20			10				1	0 3	1			4	4	1 No
PPTHE05171	Thelypteris pilosa var. alabamensis	Streak-sorus Fern	G4T1	Е	19	19 2	20							2	20 19				19	1	14 No
PDFAB402L0	Trifolium calcaricum	Running Glade Clover	G1 I		2	2	2					2	2						2	1	No
PMLIL20080	Trillium decumbens	Trailing Trillium		Е	16	3 1	15								8 1		7	1	2	2	No
PMLIL200G0	Trillium lancifolium	Narrow-leaved Trillium		Ь	14	5 1	10			2					5			1 1	2	2	No
PMLIL200Q0	Trillium pusillum	Least Trillium	C3	M	6	8	25			10	2			1	10 1		2	1	4	3	2 No
PMLIL20130	Trillium rugelii	Southern Nodding Trillium	1 83		4	+	15					7					8	1	1	1	No
PDCPR07030	Vibumum bracteatum	Limerock Arrowwood	G1	ш	10		20								9 0		10	1	7	3	3 No
PDVI004030	Viola appalachiensis	Appalachian Blue Violet	1 63		8	5 1	15 15	2 2											2	1	2 No
PDVIT040J0	Vitis rupestris	Rock Grape	G3	M	6		10	3		7	7								7	1	5 No
PMXYR010M0	PMXYR010M0   Xyris tennesseensis	Tennessee Yellow-eyed Grass	G1 I		18	9	15										15	4	4	4	1 No

Appendix B. Scorecard of Conservation Target Goals and Goals Met

								Ecoregional		al by Sub	region a	Goal by Subregion and # of Target EOs Captured by Subregion & Buffer	rget ΕΟε	s Capture	d by Su.	bregion ¿	& Buffer					
itrial	Terrestrial Animals						O.	Cumberland Mountains	O	Northern Cumberland Plateau		Northern Ridge & Valley	idge &	Southern Cumberland Plateau	Southern erland Plat		Southern Ridge Valley	Ridge & ey				
Flement Code	Scientific Name	Common Name	Global	Eco. To	TotalE Viable	le Overall	=	Can	Buff.	Can	Buff. Can	Goal	Buff.	Goal	e G	Buff.	Cap	Buff.	. Total	# CAs	# on Pub.	Goal
	Aimophila aestivalis	Bachman's Sparrow	G3		4	0	2	d 50		5	_					_	0.1		_	2	3	92
AAAAA01120	Ambystoma talpoideum	Mole Salamander	G5	٥	18	0	20			2		2		2			2					9
	Aneides aeneus	Green Salamander	G3G4		88	16 2	20 5		47	2		2		5	5			5	16	4	8	9
	Clethrionomys gapperi maurus	Kentucky Red-backed Vole	G5T3T4	Ш	15	15 1	10 10	က											14	4	3	Yes
AMACC08020	Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	G3G4	M	202	17 2	20 2		14	1 16		2		0			2		14	7	16	9
	Corynorhinus townsendii		Ę		6															,	(	
	virginianus	Virginia Big-eared Bat	G412	_	7,9	8 0			10	9		Ω (C		0			0		~	4	9	9 :
	Dendroica cerulea	Cerulean Warbler	G4	۱ ≥	4	0	10 2					7		2			2 5					2 :
	Desmognathus aeneus	Seepage Salamander	G3G4	Д.	1	•	10										10					No No
	Desmognathus ocoee	Ocoee Salamander	G2G3	Ь	7	9	10							2	4		2		4			No
	Desmognathus welteri	Black Mountain Salamander	G4	Е	27	4 2	20 10	1	1(	0									3	2	1	No
	Hyla gratiosa	Barking Treefrog	G5	Ь	3	, 0	15		47	5				2			5					No
ABPBX09010	Limnothlypis swainsonii	Swainson's Warbler	G4	Μ	22	, 0	10 2		7	2		2		2			2					No
AMACC01040	Myotis grisescens	Gray Myotis	63	Μ	06	9 1	10 2		7	01		2		2	2		2	1		4		No
AMACC01130	Myotis leibii	Eastern Small-footed Myotis	63	Ь	45	0	5 1			1		1		1			1					No
	Myotis sodalis	Indiana or Social Myotis	G2	Μ	107	14 1	15 3	4		3 2		3		8	1		3	1	14	6	9	N <sub>o</sub>
	Napaeozapus insignis	Woodland Jumping Mouse	99	Λ.	11	0	15 5			2		2										No
	Neotoma floridana illinoensis	Eastern Woodrat	G5T5	Μ	2	0 2	20 2		1	2		2		2			0					No
	Neotoma magister	Allegheny Woodrat	6364	^	59	4 2	25 5			5 2		2		2	1		2		4	3	3	No
AMABB03010	Parascalops breweri	Hairy-tailed Mole	99	Λ	3	0	15 5			2		2										No
ABNYF07060	Picoides borealis	Red-cockaded Woodpecker	G3	Ь	140	0	2							2								No
	Pituophis melanoleucus																					
ARADB26012	melanoleucus	Northern Pine Snake	G4T4*		29	,-	12	1		3		က		3			3			_	1	8
	Plethodon petraeus	ımander	G1G2	Е	9	9	5							5				9		1	4	Yes
AAAAD12220	Plethodon wehrlei	Wehrle's Salamander	G5	Е	1	_	2	1												l	1	No
AMABA01211	Sorex dispar blitchi	Long-tailed or Rock Shrew	G4T3?	_	2	5 1	15 5	2	47	2		2		0			0		9	5 2	2	No
AMAFH01010	Zapus hudsonius	Meadow Jumping Mouse	G5	M	9	0 2	25 5			5		2		2			2					No

Appendix B. Scorecard of Conservation Target Goals and Goals Met

																			c		L			
									Ecore	gional G	oal by S	ubregion	and #c	of Target	Ecoregional Goal by Subregion and # of Target EOs Captured by Subregion & Buffer $^{\mathrm{2}}$	otured by	, Subreς	ion & Bu	ffer <sup>2</sup>		,			
Terrestr	ial Animals (Ne	Terrestrial Animals (Neo-tropical Migratory Forest Inter	ţor.	Fore	sst Inte	erior Birds)	irds)	Cumb	Cumberland	, E	Northern	to to	Norther	Northern Ridge &		Southern Cumberland	ımberla		Southern Ridge &	≷idge &				
		)					,	DOM	2	50	2	מנסמ	1	alley		2	2		2					
			1040	Ü		214617	Overall		90			¥		ć	¥		3	2	_	ğ		1	# on	-
Element Code	e Scientific Name	Common Name	Rank	Dist.	TotalEOs	FOS		Goal Cap		Goal	Сар		Goal	Cap C	Cap Goal	oal Cap		n. p Goal	Cap			0	Land <sup>3</sup>	Met
ABPAE33020	Empidonax virescens	Acadian Flycatcher	G5	W	unknown	unknown																		
ABPBX08010	Helmitheros vermivorus	Worm-eating Warbler	G5	W	unknown	unknown	10 sites																	
ABPBJ19010	Hylocichla mustelina	Blue-headed Vireo	G5	W	unknown	unknown	4 000 and										_							
ABPBX05010	Mniotilta varia	Black-and-White Warbler	G5	Μ	unknown	unknown	40,000 ha												_					
ABPBX11010	Oporomis formusus	Kentucky Warbler	G5	Μ	unknown	unknown	with at least	C	^	- "	0	7	C	_	C	·	_	C	C	α	<u>ن</u>	33	0	>
ABPBX45040	Piranga olivacea	Scarlet Tanager	G5	Μ	unknown	unknown	500 breeding	7	,	0	0	-	٧	t	)	7	t	)	7					
ABPBX10010	Seiurus aurocapillus	Ovenbird	G5	Μ	unknown	unknown	pairs												_					
ABPBX10030	Seiurus motacilla	Louisiana Waterthrush	G5	Ν	unknown	unknown											_							
ABPBW01160	Vireo solitarius	Wood Thrush	G5	W	unknown	unknown													_					
ABPBX16010	Wilsonia citrina	Hooded Warbler	G5	Μ	unknown	unknown																		
¹An overall goa	Il was established to meet the	An overall goal was established to meet the range requirements for the entire suite of 10 neo-tropical migratory bird targets.	ntire suite	e of 10	neo-tropical	migratory bi	ird targets.																	

subregions were divided into individual occurrences by subregion. Overall, 33 subregional occurrences were delineated from 28 conservation areas. Occurrences were tallied under the Buffer Capture column, if the majority of the acreage for a subregional occurrence occurrence within the 10 km buffer.

\*Public lands were tallied from conservation areas which have >25% of their area in federal, state, or county landholdings.

#### Appendix C.

**Known Neo-tropical Migratory Bird 'Hotspots' in the CSRV** 

#### Appendix C. Known Neo-tropical Migratory Bird 'Hotspots' in the CSRV

<b>Terrestrial Conservation Areas Captured within</b>	Neo-tropical Bird	Hotspots	
	Meets Goal for	Public	
	Suite of	Lands	Total Acres in
	Neo-tropical	>25% of	Conservation
Conservation Area Name	Migratory Birds	CA	Area
Bankhead/Warrior Mountains	Yes	Yes	216,276.20
Bays Mountain	Yes		28,053.80
Big South Fork North	Yes	Yes	62,443.00
Big South Fork South	Yes	Yes	319,800.70
Coosa Valley Prairies	Yes		14,654.00
Cumberland Falls Region	Yes	Yes	381,366.10
Dick & Taylor Ridges	Yes	Yes	62,194.20
Dugger/Talladega Mountains	Yes	Yes	195,114.30
Emory/Obed/Catoosa/Cumberland Mountains	Yes	Yes	526,782.40
Franklin/Marion/Jackson Mountains	Yes		731,732.40
Gauley River	Yes	Yes	71,508.60
Horse Lick Creek	Yes	Yes	39,116.00
Kentucky River North	Yes		288,934.40
Lavender Mountain	Yes	Yes	42,763.00
Lookout & Pigeon Mountains	Yes		79,705.60
Mid-Cumberland Gorges	Yes		286,603.70
New River Gorge	Yes	Yes	137,107.70
Oak Ridge Reservation	Yes	Yes	57,167.00
Panther State Forest	Yes	Yes	28,304.30
Pigeon Mountains	Yes	Yes	48,870.20
Pine Mountain Ridge East	Yes	Yes	38,340.70
Pine Mountain Ridge West	Yes		69,510.80
Powell River/Norris Lake	Yes		165,890.70
Rockcastle River South	Yes	Yes	55,551.70
Rocky Face/Johns/Horn Mountains	Yes	Yes	93,537.40
Station Camp Creek Corridor	Yes	Yes	49,007.80
Talladega Mountains	Yes	Yes	257,068.90
Tennessee River Corridor	Yes		116,210.30

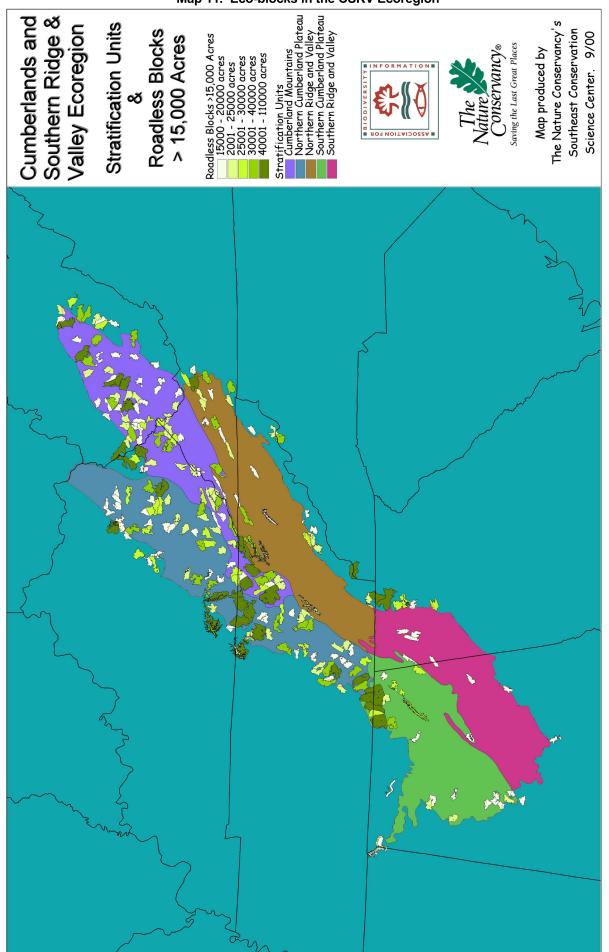
Map 10. Known Neo-tropical Migratory Bird 'Hotspots' in the CSRV 50 0 50 Miles Scale 1:3,484,800 or 1 inch = 55 miles Big SF, Pickett E D Boone Scott's Gulf Mature Forest Bird Conservation Hotspot

CSRV Ecoregion

Subregion Boundary

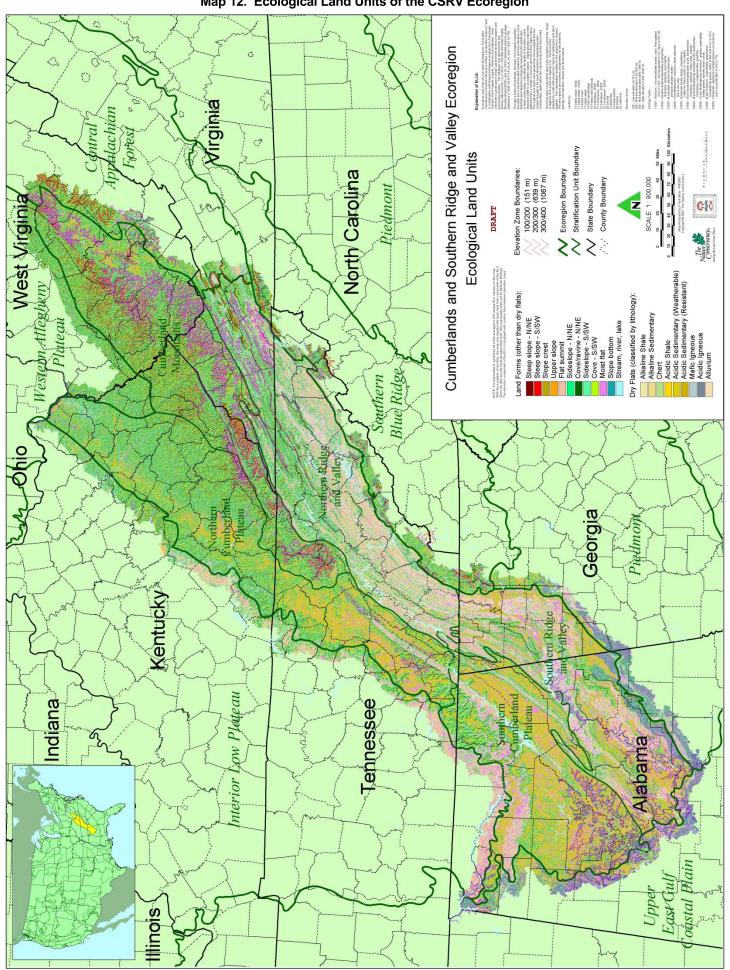
10 km. Buffer MAP PRODUCED 12/03 BY THE TENNESSEE CHAPTER OF THE NATURE CONSERVANCY Conservancy.

#### Appendix D. Eco-blocks in the CSRV Ecoregion



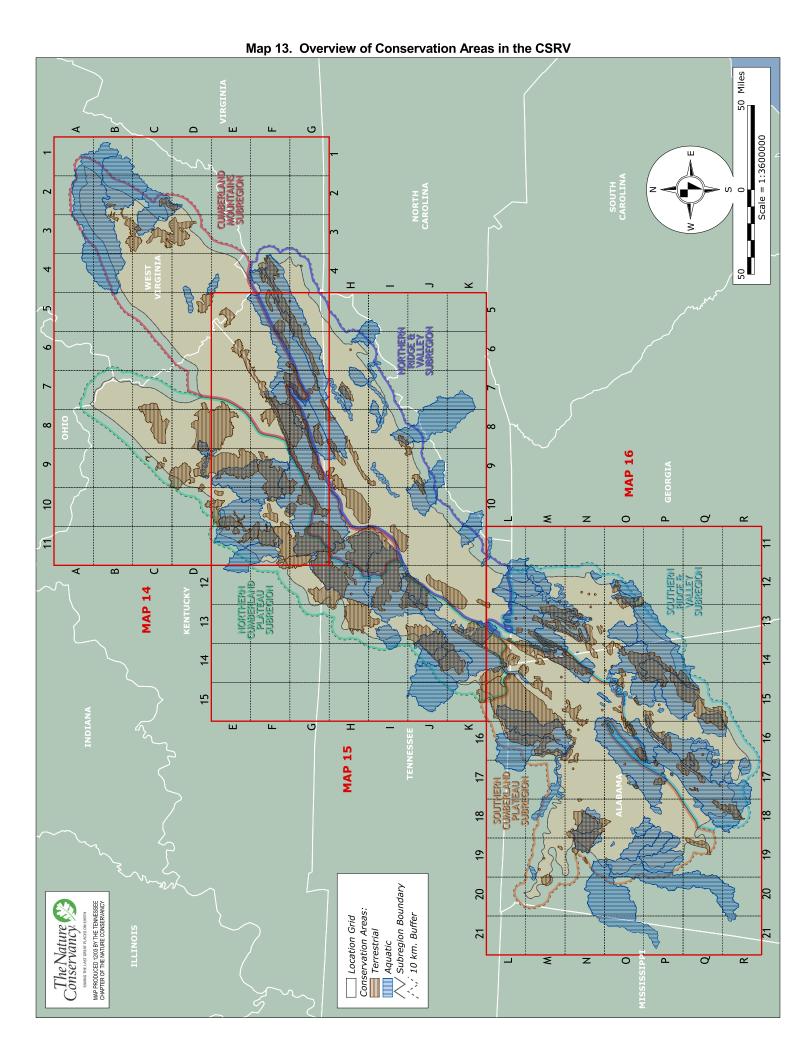
## Appendix E. Ecological Land Units of the CSRV Ecoregion

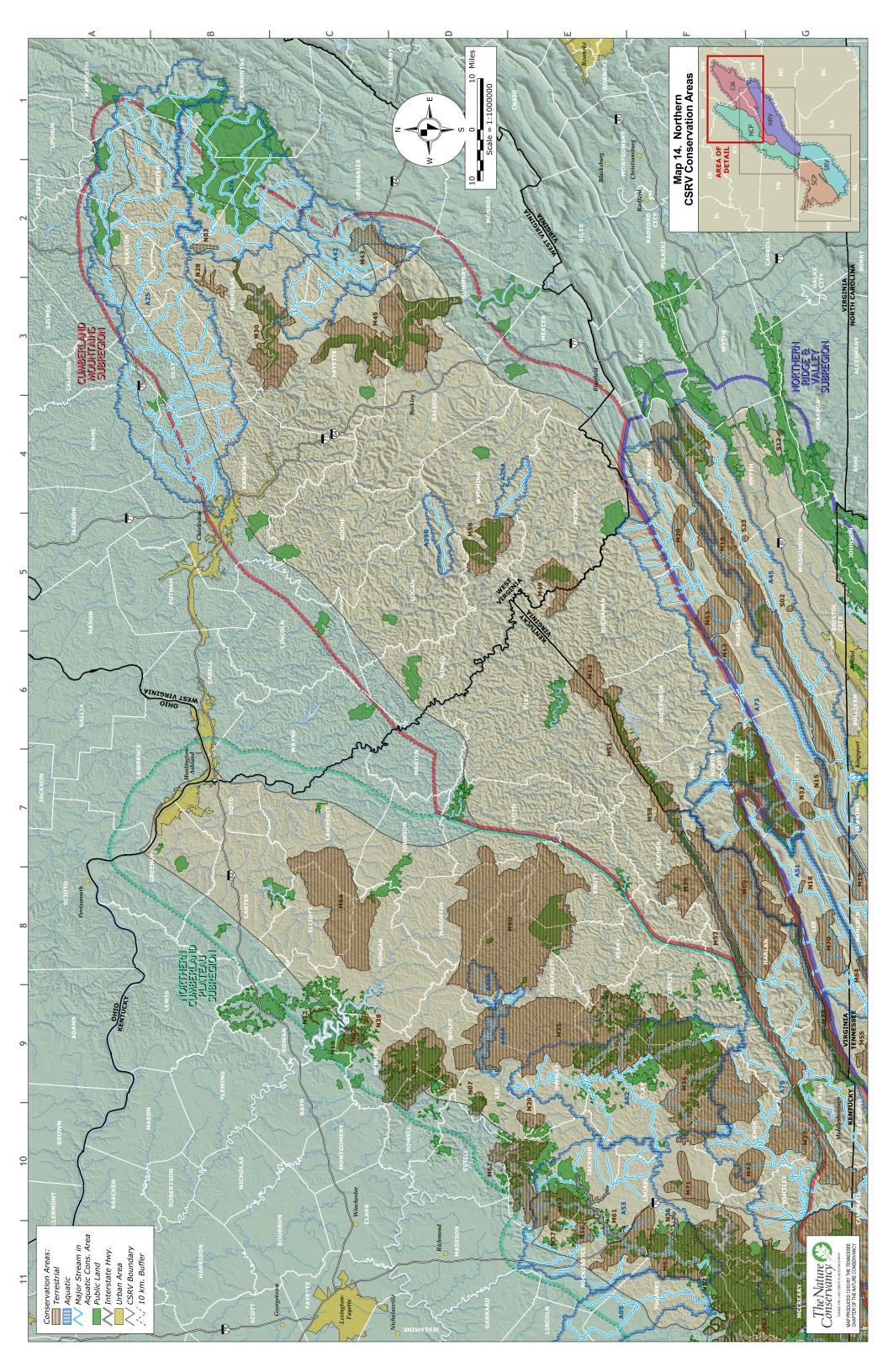
Map 12. Ecological Land Units of the CSRV Ecoregion

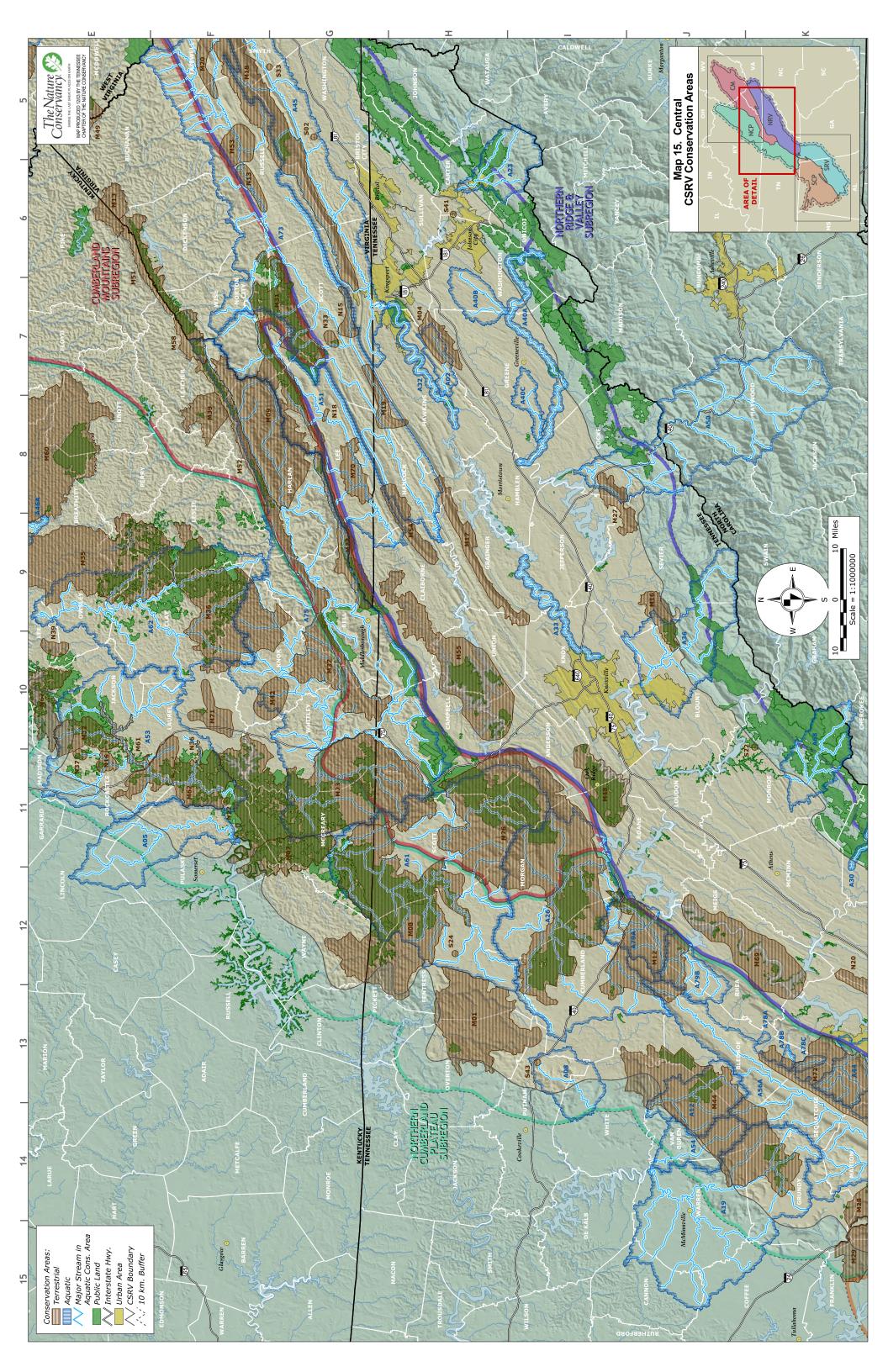


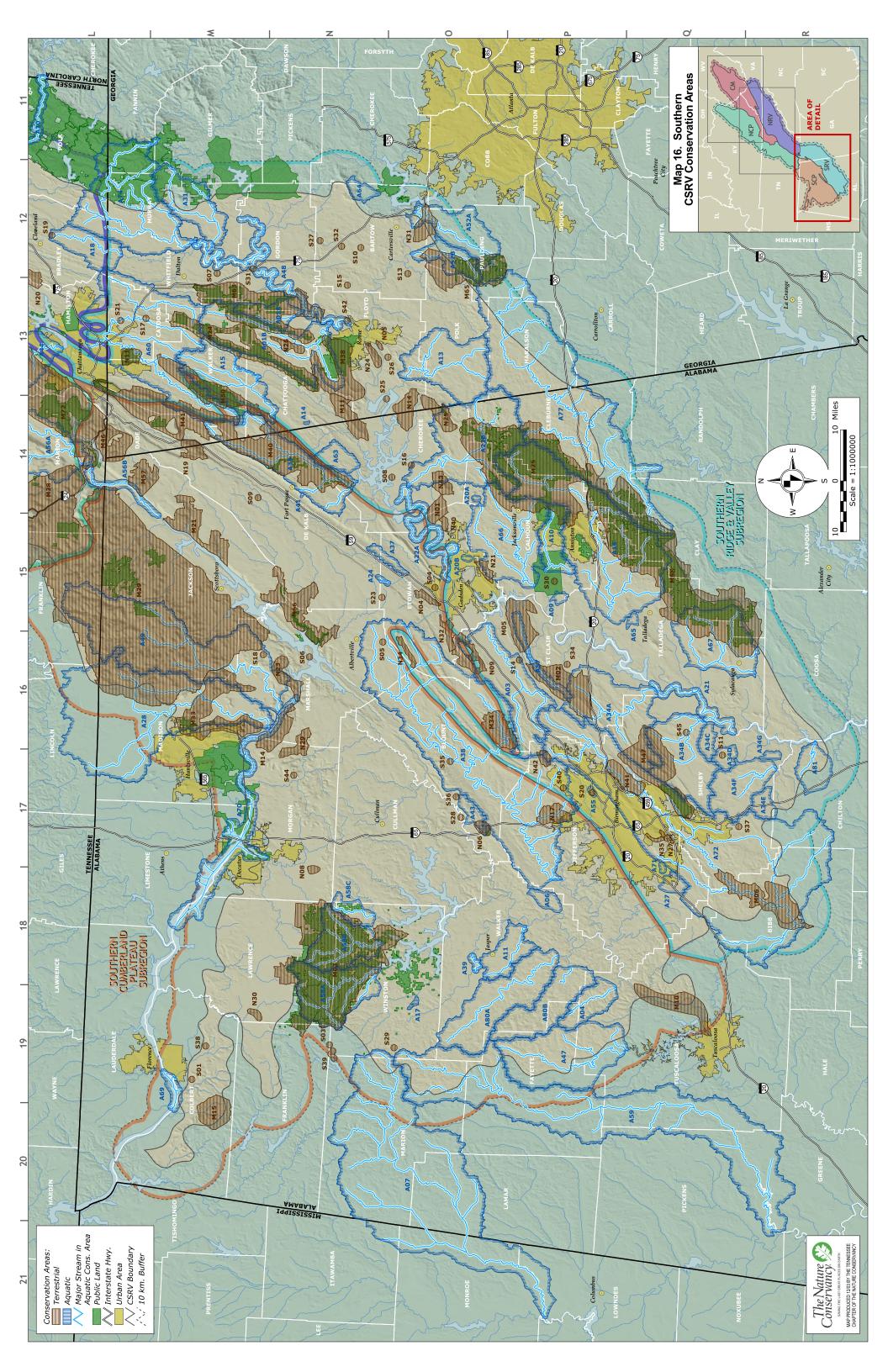
## Appendix F.

**Terrestrial and Aquatic Conservation Areas in the CSRV** 









## Appendix G.

**Cave Conservation Areas by County in the CSRV** 

Map 17. Cave Conservation Areas by County in the CSRV 50 0 50 Miles Scale 1:3,484,800 or 1 inch = 55 miles CSRV Ecoregion

Subregion Boundary

10 km. Buffer

Cave Conservation Areas Per County

## Appendix H. Summary of Conservation Areas

Armuche	e/Johns Cre	eeks	E	<b>DU</b> : Coosa Riv	er		Total A	ea: 17	2,900.5 acres Mott Code: MBE
A01A		Action Sit	e: No				Subsite A	ea: 2	8,668.6 acres Map Location:
States		Subregions	Census 2000	Land Use/Lai	nd Cover (1992	NLCD)	GAP Management		Primary Threats
Georgia	100.0%	SRV 100.0%	Total Pop. 824	Natural	24,842.1 ac.	86.7%	3 10,676.8 ac.	37.2%	Agricultural practices
			Pop./Sq. Mi. 18	Agriculture	3,114.5 ac.	10.9%			Mining practices
				Developed	580.9 ac.	2.0%			
				Water	131.0 ac.	0.5%			
A01B		Action Sit	e: No				Subsite A	ea: 14	4,231.9 acres Map Location:
States		Subregions	Census 2000	Land Use/Lai	nd Cover (1992	NLCD)	GAP Management		Primary Threats
Georgia	100.0%	SRV 100.0%	Total Pop. 7,512	Natural	115,634.2 ac.	80.2%	3 40,278.7 ac.	27.9%	Agricultural practices
g			Pop./Sq. Mi. 33	Agriculture	22,762.7 ac.	15.8%	4 918.1 ac.	0.6%	Mining practices
				Developed	5,002.7 ac.	3.5%		0.07.0	g presence
				Water	832.5 ac.	0.6%			
System Tar	anto			[	332.0 0.01		ies Targets		
	gers Aquatic System	Description		# Occurrences		El. C		mo	Common Name #
		lley rivers, origin in ridge and	vallov	# Occurrences			B1504 Hybopsis linea		Lined Chub
	idge and valley str	, , , ,	valicy				/22050 Lasmigona hol		Tennessee Heelsplitter
	idge and valley str						/47080 Villosa nebulos		Alabama Rainbow
	idge and valley str						/47152 Villosa vanuxei		
		Carris		·-·· -					
Beech Cro	eek		l l	DU: Tennesse	e River-Ridge an	id Valley	Total A	<b>'ea:</b> 3	3,295.7 acres Mott Code: TCB
A02		Action Sit	e: No				Subsite A	<b>ea:</b> 3	3,295.7 acres Map Location:
States		Subregions	Census 2000	Land Use/Lai	nd Cover (1992	NLCD)	GAP Management	Status	Primary Threats
Tennessee	e 100.0%	NRV 100.0%	Total Pop. 1,527	Natural	29,361.1 ac.	88.2%	_		Agricultural practices
			Pop./Sq. Mi. 29	Agriculture	3,824.5 ac.	11.5%			
				Developed	98.8 ac.	0.3%			
				Water	12.3 ac.	0.0%			
System Tar	note			,		Snor	ies Targets		
	Aquatic System	Description		# Occurrences			Code Scientific Na	me	Common Name #
	idge and valley str			# Occurrences			/47110 Villosa perpurp		Purple Bean
		cailis			l	IIVIDIY			<u> </u>
Big Cano	e Creek			DU: Coosa Riv	er		Total A	rea: 12	3,519.9 acres Mott Code: MBE
A03		Action Sit	e: No				Subsite A	ea: 12	3,519.9 acres Map Location:
States		Subregions	Census 2000	Land Use/Lai	nd Cover (1992	NLCD)	GAP Management	Status	Primary Threats
Alabama	100.0%	SRV 95.2%	Total Pop. 14,525	Natural	100,003.4 ac.	81.0%			Impoundments/stream modification
		SCP 4.8%	Pop./Sq. Mi. 75	Agriculture	21,064.9 ac.	17.1%			
				Developed	1,750.7 ac.	1.4%			
				Water	701.3 ac.	0.6%			
System Tar	aets								
						Spec	ies Targets		
AS Code A		Description		# Occurrences			cies Targets	me	Common Name #
	Aquatic System		vallev	# Occurrences		El. C	ode Scientific Na		Common Name #
C001 s	Aquatic System mall ridge and val	lley rivers, origin in ridge and	valley	# Occurrences 1		EI. C	Code Scientific Na /35110 Pleurobema de	cisum	Southern Clubshell
C001 s	Aquatic System	lley rivers, origin in ridge and	valley	# Occurrences 1 2		EI. C IMBI\ IMBI\	Code Scientific Na /35110 Pleurobema de /35140 Pleurobema ge	cisum orgianum	Southern Clubshell Southern Pigtoe
C001 s	Aquatic System mall ridge and val	lley rivers, origin in ridge and	valley	# Occurrences 1 2		EI. C IMBI\ IMBI\	Code Scientific Na /35110 Pleurobema de	cisum orgianum s greenii	Southern Clubshell Southern Pigtoe Triangular Kidneyshell
C001 s	Aquatic System mall ridge and val	lley rivers, origin in ridge and	valley	# Occurrences 1 2		EI. C IMBIN IMBIN IMBIN	Code Scientific Na 735110 Pleurobema de 735140 Pleurobema ge 738020 Ptychobranchu	cisum orgianum s greenii asaugensis	Southern Clubshell Southern Pigtoe Triangular Kidneyshell
C001 s	Aquatic System mall ridge and val	lley rivers, origin in ridge and	valley	# Occurrences 1 2		EI. C IMBIN IMBIN IMBIN IMBIN	Code Scientific Na 735110 Pleurobema de 735140 Pleurobema ge 738020 Ptychobranchu 742010 Strophitus cone	cisum orgianum s greenii asaugensis a	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow
C001 s	Aquatic System mall ridge and val	lley rivers, origin in ridge and	valley	# Occurrences 1 2		EI. C IMBIN IMBIN IMBIN IMBIN	Code Scientific Na /35110 Pleurobema de /35140 Pleurobema ge /38020 Ptychobranchu /42010 Strophitus cons /47080 Villosa nebulos	cisum orgianum s greenii asaugensis a mensis uml	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow
C001 s D003 ri	Aquatic System and vall ridge and vallidge and valley str	lley rivers, origin in ridge and	·	1 2	ck Warrior River	EI. C IMBIN IMBIN IMBIN IMBIN IMBIN	Scientific Na (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Ptychobranchu (47080 Villosa nebulos (47152 Villosa vanuxei (SK216 Elimia capillaris	cisum orgianum s greenii asaugensis a mensis uml	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia
C001 s D003 ri	Aquatic System and vall ridge and vallidge and valley str	lley rivers, origin in ridge and reams	E	1 2	ck Warrior River	EI. C IMBIN IMBIN IMBIN IMBIN IMBIN	Scientific Na (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge Ptychobranchu (42010 Strophitus cona (47080 Villosa nebulos (47152 Villosa vanuxei (SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 88,328.1 acres Mott Code: MBE
C001 s D003 ri	Aquatic System and vall ridge and vallidge and valley str	lley rivers, origin in ridge and reams  Action Sit	e: No	1 2 EDU: Upper Blad		EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMGA	Scientific Na /35110 Pleurobema de /35140 Pleurobema ge /35140 Pleurobema ge /35140 Pleurobema ge /47080 Villosa nebulos /47152 Villosa vanuxei SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
C001 s D003 ri	Aquatic System mall ridge and val idge and valley str	lley rivers, origin in ridge and reams  Action Sit Subregions	e: No Census 2000	1 2 EDU: Upper Blad Land Use/Lat	nd Cover (1992	EI. CIMBINIMBINIMBINIMBINIMBINIMBINIMBINIMBI	Scientific Na (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge Ptychobranchu (42010 Strophitus cona (47080 Villosa nebulos (47152 Villosa vanuxei (SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
C001 s D003 ri	Aquatic System and vall ridge and vallidge and valley str	lley rivers, origin in ridge and reams  Action Sit	e: No Census 2000 Total Pop. 388	1 2  EDU: Upper Blace  Land Use/Lane  Natural	nd Cover (1992 35,640.6 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA	Scientific Na /35110 Pleurobema de /35140 Pleurobema ge /35140 Pleurobema ge /35140 Pleurobema ge /47080 Villosa nebulos /47152 Villosa vanuxei SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
C001 s D003 ri	Aquatic System mall ridge and val idge and valley str	lley rivers, origin in ridge and reams  Action Sit Subregions	e: No Census 2000	1 2  EDU: Upper Blace  Land Use/Lane  Natural  Agriculture	nd Cover (1992 35,640.6 ac. 1,580.6 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMGA NLCD) 93.0%	Scientific Na /35110 Pleurobema de /35140 Pleurobema ge /35140 Pleurobema ge /35140 Pleurobema ge /47080 Villosa nebulos /47152 Villosa vanuxei SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
C001 s D003 ri	Aquatic System mall ridge and val idge and valley str	lley rivers, origin in ridge and reams  Action Sit Subregions	e: No Census 2000 Total Pop. 388	EDU: Upper Blace  Land Use/Lane Natural Agriculture Developed	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac.	EI. C [MBIV] [MBIV] [MBIV] [MBIV] [MBIV] [MGA] [MCD] 93.0% 4.1% 2.3%	Scientific Na /35110 Pleurobema de /35140 Pleurobema ge /35140 Pleurobema ge /35140 Pleurobema ge /47080 Villosa nebulos /47152 Villosa vanuxei SK216 Elimia capillaris Total Ar	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
Big Yellov A04 States Alabama	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%	lley rivers, origin in ridge and reams  Action Sit Subregions	e: No Census 2000 Total Pop. 388	1 2  EDU: Upper Blace  Land Use/Lane  Natural  Agriculture	nd Cover (1992 35,640.6 ac. 1,580.6 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMGA	Scientific Na (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47162 Villosa vanuxei (5K216 Elimia capillaris Total Ar Subsite Ar GAP Management	cisum orgianum s greenii asaugensis a mensis uml s rea: 3	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location:
Big Yellov A04 States Alabama	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%	Action Sit Subregions SCP 100.0%	e: No Census 2000 Total Pop. 388	Land Use/Lan Natural Agriculture Developed Water	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMGA  NLCD) 93.0% 4.1% 2.3% 0.6% Spec	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobem	cisum orgianum s greenii asaugensis a mensis umb s rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats
Big Yellov A04 States Alabama  System Tary AS Code A	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System	Action Sit Subregions SCP 100.0%	e: No Census 2000 Total Pop. 388	EDU: Upper Blace  Land Use/Lane Natural Agriculture Developed	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA  NLCD)  93.0% 4.1% 2.3% 0.6%	Scientific Na /35110 Pleurobema de /35110 Pleurobema de /35140 Pleurobema ge /35140 Pleurobema ge /35140 Pleurobema ge /47080 Villosa nebulos /47152 Villosa vanuxei /5K216 Elimia capillaris  Total Al  Subsite Ar  GAP Management  cies Targets  Code Scientific Na	cisum orgianum s greenii asaugensis a mensis uml s rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name #
Big Yellov A04 States Alabama  System Tary AS Code A	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System	Action Sit Subregions SCP 100.0%	e: No Census 2000 Total Pop. 388	Land Use/Lan Natural Agriculture Developed Water	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA  NLCD)  93.0% 4.1% 2.3% 0.6%	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobem	cisum orgianum s greenii asaugensis a mensis uml s rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats
Big Yellov A04 States Alabama  System Tary AS Code A D024 C	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Cumberland mount	Action Sit Subregions SCP 100.0%	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6	Land Use/Lan Natural Agriculture Developed Water  # Occurrences	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA  NLCD)  93.0% 4.1% 2.3% 0.6%	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Al  Subsite Al  GAP Management  Sies Targets Code Scientific Na (EL0202 Stemotherus de	cisum orgianum s greenii ssaugensis a mensis uml s ea: 3 tea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Cumberland mount	Action Sit Subregions SCP 100.0%  Description tain, plateau streams	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6	Land Use/Lan Natural Agriculture Developed Water	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA  NLCD)  93.0% 4.1% 2.3% 0.6%	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Al  Subsite Al  GAP Management  Sies Targets Code Scientific Na EE0202 Stemotherus d  Total Al	cisum orgianum s greenii saugensis a mensis umb i rea: 3 tea: 3 tea: 3 tea: 1 tea: 1 tea: 3 tea: 4 t	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Cumberland mount	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1  EDU: Upper Cur	35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac.	EI. C IMBIN IMBIN IMBIN IMBIN IMGA  NLCD) 93.0% 4.1% 2.3% 0.6%  Spec	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Al  Subsite Al  GAP Management  Cies Targets Code Scientific Na (4E0202 Stemotherus de  Total Al  Subsite Al	cisum orgianum s greenii saugensis a mensis umb i rea: 3 rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location:
Big Yellov A04 States Alabama  System Tarr AS Code A D024 C Buck Cree A05 States	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Lumberland mount ek	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac.	EI. C   MBIN   M	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (47080 Villosa pebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5C020 Stemotherus de  Total Ar  Subsite Ar	cisum orgianum s greenii saaa mensis uml s ea: 3 ea: 3 t Status  mee: 18 ea: 18 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Cumberland mount	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions SUBREGION SUBRE	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6  Ee: Yes  Census 2000  Total Pop. 12,784	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac.	EI. C   MBIN   M	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Al  Subsite Al  GAP Management  Cies Targets Code Scientific Na (4E0202 Stemotherus de  Total Al  Subsite Al	cisum orgianum s greenii saugensis a mensis umb i rea: 3 rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow Brans Coosa Creekshell Spindle Elimia 88,328.1 acres Mott Code: MBE 88,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices
Big Yellov A04 States Alabama  System Tarr AS Code A D024 C Buck Cree A05 States	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Lumberland mount ek	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions SCP 38.0% OUT 35.7%	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural Agriculture	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac.	EI. C   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MCA    NLCD) 93.0%   4.1%   2.3%   0.6%    Spec   EI. C   ARAA   MLCD)   60.9%   38.2%	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (47080 Villosa pebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5C020 Stemotherus de  Total Ar  Subsite Ar	cisum orgianum s greenii saaa mensis uml s ea: 3 ea: 3 t Status  mee: 18 ea: 18 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats
Big Yellov A04 States Alabama  System Tarr AS Code A 2024 C Buck Cree A05 States	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Lumberland mount ek	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions SUBREGION SUBRE	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6  Ee: Yes  Census 2000  Total Pop. 12,784	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural Agriculture Developed	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MBIN   MGA   MBIN   MBI	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (47080 Villosa pebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5C020 Stemotherus de  Total Ar  Subsite Ar	cisum orgianum s greenii saaa mensis uml s ea: 3 ea: 3 t Status  mee: 18 ea: 18 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow Brans Coosa Creekshell Spindle Elimia 88,328.1 acres Mott Code: MBE 88,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices
Big Yellov A04 States Alabama  System Tarr AS Code A 2024 C Buck Cree A05 States	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Lumberland mount ek	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions SCP 38.0% OUT 35.7%	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6  Ee: Yes  Census 2000  Total Pop. 12,784	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural Agriculture	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac.	EI. C   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MCA    NLCD) 93.0%   4.1%   2.3%   0.6%    Spec   EI. C   ARAA   MLCD)   60.9%   38.2%	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (47080 Villosa pebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5C020 Stemotherus de  Total Ar  Subsite Ar	cisum orgianum s greenii saaa mensis uml s ea: 3 ea: 3 t Status  mee: 18 ea: 18 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBt 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices
Big Yellov A04 States Alabama  System Tary AS Code A 2024 C Buck Cree A05 States Kentucky	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions NCP 38.0% OUT 35.7% NCP - BUFF 26.3%	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6  Ee: Yes  Census 2000  Total Pop. 12,784	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural Agriculture Developed Water	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN   M	Scientific Na (35110 Pleurobema de (35110 Pleurobem	cisum orgianum s greenii saugensis a mensis umb i rea: 3 rea: 3 rea: 3 rea: 18 rea: 18 rea: 18 rea: 18	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBE 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Cumberland mount ek	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions NCP 38.0% OUT 35.7% NCP - BUFF 26.3%	e: No  Census 2000  Total Pop. 388  Pop./Sq. Mi. 6  Ee: Yes  Census 2000  Total Pop. 12,784	Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 EDU: Upper Cur Land Use/Lan Natural Agriculture Developed	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN   M	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxe) (SK216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Scies Targets Code Scientific Na (E0202 Sternothrus d  Total Ar  Subsite Ar  Subsite Ar  GAP Managemen  3 1,831.5 ac.	cisum orgianum s greenii saugensis a mensis umb i rea: 3 rea: 3 rea: 3 rea: 18 rea: 18 rea: 18 rea: 18	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  System Tary AS Code A	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Lumberland mount ek  100.0%  gets Aquatic System Aquatic System	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  Action Sit Subregions NCP 38.0% OUT 35.7% NCP - BUFF 26.3%	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	El. C   MBIN	Scientific Na (35110 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna ge (35140 Pleuroberna ge (35140 Pleuroberna ge (35140 Pleuroberna ge (347080 Villosa nebulos (47152 Villosa nebulos (47152 Villosa vanuxe) (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5code Scientific Na (5AC) (5COMPANAGEMENT)  Total Ar  Subsite Ar  GAP Managemen  3 1,831.5 ac.	cisum orgianum s greenii saugensis a mensis uml s rea: 3 rea: 3 rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices
Big Yellon A04 States Alabama  System Tarr AS Code A Octobre Kentucky  System Tarr AS Code A States Kentucky	Aquatic System mall ridge and val idge and valley str  w Creek  100.0%  gets Aquatic System Lumberland mount ek  100.0%  gets Aquatic System Aquatic System	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Description Plateau rivers, in moderate e	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	El. C   MBIN	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (36100 Ptychobranchu (42010 Strophitus con- (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (50de Scientific Na (5400 Subsite Ar  Subsite Ar  GAP Managemen  3 1,831.5 ac.	cisum orgianum s greenii saugensis a mensis uml s rea: 3 rea: 3 rea: 3 t Status	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow Brans Coosa Creekshell Spindle Elimia 88,328.1 acres Mott Code: MBB 88,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 85,567.5 acres Mott Code: TCE 85,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices Common Name #
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S C000 H	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System 2.cmberland mount ek  100.0%  gets Aquatic System and Cumberland	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	El. C   MBIN	Scientific Na (35110 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna ge (35140 Pleuroberna ge (35140 Pleuroberna ge (35140 Pleuroberna ge (347080 Villosa nebulos (47152 Villosa nebulos (47152 Villosa vanuxe) (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (5code Scientific Na (5AC) (5COMPANAGEMENT)  Total Ar  Subsite Ar  GAP Managemen  3 1,831.5 ac.	cisum orgianum s greenii s greenii sa mensis umb seea: 3 rea: 3 rea: 3 rea: 18 sea: 18 sea: 18 sea: 18 sea: 18 sea: 18	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey
Big Yellov A04 States Alabama  System Tary AS Code A O024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	El. C   MBIN	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Subsite Ar  GAP Managemen  3 1,831.5 ac.  Sies Targets  Code Scientific Na (5A) (5A) (5A) (5A) (5A) (5A) (5A) (5A)	cisum orgianum s greenii s greenii a mensis umb s rea: 3 rea: 3 rea: 3 rea: 18 st Status 1.0%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner
Big Yellov A04 States Alabama  System Tary AS Code A O024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. CC   MBIN	Scientific Na (35110 Pleurobema de (35110 Pleurobema de (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxe) (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Scies Targets Code Scientific Na (E0202 Sternothrus d  Total Ar  Subsite Ar  GAP Managemen  3 1,831.5 ac.	cisum orgianum s greenii s greenii saugensis a mensis umb i rea: 3 rea: 3 rea: 3 rea: 18 rea: 18 rea: 18 rea: 18 rea: 10%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia B,328.1 acres Mott Code: MBI B,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle B,567.5 acres Mott Code: TCE B,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel
Big Yellov A04 States Alabama  System Tary AS Code A O024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. CC   IMBIN   IMB	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (36100 Ptychobranchu (42010 Strophitus cone (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Subsite Ar  GAP Managemen  3 1,831.5 ac.  Sies Targets  Code Scientific Na (4000 Ranagemen  Accord Scientific Na (5400 Ranagemen  Accord	rea: 3 rea: 3 rea: 3 rea: 18 rea: 18 rea: 18 rea: 18 rea: 10%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S C000 H	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN	Scientific Na (35110 Pleuroberna de (35140 Pleuroberna de (347080 Villosa pebulos (347152 Villosa vanuxe) (34840 Subsite Al (3494 Managemen (3494 Subsite Al (3594 Managemen (3594	cisum orgianum s greenii s area: 3 rea: 3 rea: 3 rea: 18 rea:	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S C000 H	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	El. C   MBIN	Scientific Na (35110 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna de (35140 Pleuroberna ge (35140 Pleuroberna ge (35140 Pleuroberna ge (347080 Villosa nebulos (47152 Villosa nebulos (47152 Villosa vanuxe) (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Sies Targets (50de Scientific Na (5E0202 Sternotherus de (5E0202 Sternotherus de (5E0203 Sternotherus de (5E0204 Sternotherus de (5E0205 Sternotherus de (5E0206 Scientific Na (5E0206 Scientific Na (5E0207 Sternotherus de  (5E0207 Ste	cisum orgianum s greenii s greenii sa mensis umb s rea: 3 rea: 3 rea: 3 rea: 18 s rea: 18 s t Status 1.0%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe Soutfloox
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN	Scientific Na (35110 Pleurobema de (35140 Pleurobema de (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (35140 Pleurobema ge (47080 Villosa nebulos (47152 Villosa vanuxei (5K216 Elimia capillaris  Total Ar  Subsite Ar  GAP Managemen  Subsite Ar  GAP Managemen  3 1,831.5 ac.  Cies Targets Code Scientific Na (5K2020 Sternotherus de  Subsite Ar  GAP Managemen  3 1,831.5 ac.  Cies Targets Code Scientific Na (5K2020 Sternotherus de  Code Scientific	cisum orgianum s greenii asaugensis a mensis uml s rea: 3 rea: 3 rea: 3 rea: 18 rea: 18 rea: 18 rea: 18 rea: 10%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe Soutfloox
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A C006 S C006 S C000 H	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. CC   IMBIN   IMB	Scientific Na	rea: 3 rea: 3 rea: 3 rea: 18	Southern Clubshell Southern Pigloe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBI 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe Oyster Mussel Snuffbox Cumberland Moccasinsh Tennessee Clubshell
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   IMBIN   IMBI	Scientific Na	reisum regianum s greenii s greenii saugensis a mensis uml s rea: 3 rea: 3 t Status  rea: 18 t Status  1.0%	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow brans Coosa Creekshell Spindle Elimia 8,328.1 acres Mott Code: MBB 8,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle 15,567.5 acres Mott Code: TCE 15,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe Soyster Mussel Snuffbox Cumberland Moccasinsh Tennessee Clubshell
Big Yellov A04 States Alabama  System Tary AS Code A D024 C Buck Cree A05 States Kentucky  AS Code A	Aquatic System mall ridge and val idge and valley str  W Creek  100.0%  gets Aquatic System Cumberland mount ek  100.0%  gets Aquatic System mall Cumberland dighland Rim strea	Action Sit Subregions SCP 100.0%  Description tain, plateau streams  NCP 38.0% OUT 35.7% NCP - BUFF 26.3%  Description Plateau rivers, in moderate earns	e: No  Census 2000  Total Pop. 388 Pop./Sq. Mi. 6  e: Yes  Census 2000  Total Pop. 12,784 Pop./Sq. Mi. 44	Land Use/Land Use/Lan	nd Cover (1992 35,640.6 ac. 1,580.6 ac. 876.8 ac. 229.7 ac. mberland River nd Cover (1992 113,055.0 ac. 70,842.2 ac. 1,141.2 ac.	EI. C   MBIN	Scientific Na	cisum orgianum s greenii s greenii saugensis a mensis umb seea: 3 rea: 3 rea: 3 rea: 18 rea: 1	Southern Clubshell Southern Pigtoe Triangular Kidneyshell Alabama Creekmussel Alabama Creekmussel Alabama Rainbow Brans Coosa Creekshell Spindle Elimia  88,328.1 acres Mott Code: MBE 88,328.1 acres Map Location: Primary Threats  Common Name # Flattened Musk Turtle  55,567.5 acres Mott Code: TCE 55,567.5 acres Map Location: Primary Threats  Agricultural practices Incompatible forestry practices  Common Name # Ohio Lamprey Popeye Shiner Ashy Darter Slippershell Mussel Cumberlandian Combshe Cyster Mussel Snuffbox Cumberland Moccasinshe Tennessee Clubshell M Fluted Kidneyshell

		E	DU: Upper Blac	k Warrior River			Total Area:	11,524.4 acr	es Mott Code: MB
A06	Action Sit	e: No					Subsite Area:	11,524.4 acr	es Map Location:
States	Subregions	Census 2000	Land Use/Lar	d Cover (1992	NLCD)	GAP I	Management Statu	us Primary T	hreats
Alabama 100.0%	SCP 100.0%	Total Pop. 3,199	Natural	10,413.6 ac.	90.4%		-	_	
		Pop./Sq. Mi. 178	Agriculture	739.9 ac.	6.4%				
			Developed	348.9 ac.	3.0%				
			Water	22.3 ac.	0.2%				
System Targets			·		Snor	ies Tar	rnete		
bystem rangets					El. C		Scientific Name		Common Name #
							Lythrurus bellus alegn		Pretty Shiner
Buttahatchee River		E	<b>DU</b> : Upper Tom	ibigbee/Lower E	Black War	rior Rive	ers Total Area:	554,597.1 acr	es Mott Code: MB
A07	Action Sit	e: No					Subsite Area:	554,597.1 acr	es Map Location:
States	Subregions	Census 2000	Land Use/Lar	d Cover (1992	NLCD)	GAP I	Management Statu	us Primary T	hreats
Alabama 77.0%	OUT 87.5%	Total Pop. 28,941	Natural	450,364.8 ac.	81.2%		-	Impoundm	nents/stream modific
Mississippi 23.0%	SCP - BUFF 10.7%	Pop./Sq. Mi. 33	Agriculture	67,270.8 ac.	12.1%			Industrial/r	municipal pollution
	SCP 1.8%		Developed	36,048.7 ac.	6.5%				
			Water	911.4 ac.	0.2%				
System Targets			,		Snor	ies Tar	rnote		
AS Code Aquatic Syste	m Description		# Occurrences		El. C		Scientific Name		Common Name #
		and Distance	# Occurrences						
	nin rivers, origin in the Cumberla						Noturus munitus		Frecklebelly Madtom
	nin rivers, origin in Coastal Plair						Stizostedion sp. cf. S.		Southern Walleye
	ms, Cumberland plateau to coa	stai plain	4				Arcidens confragosus		Rock Pocketbook
0076 coastal plain stre			2				Ellipsaria lineolata		Butterfly
0077 coastal plain stre			1				Elliptio arca		Alabama Spike
0080 coastal plain stre	ams, in gravels and sands		1				Elliptio arctata		Delicate Spike
							Epioblasma penita		Southern Combshell
							Lampsilis ornata		Southern Pocketbook
							Lampsilis perovalis		Orangenacre Mucket
							Lasmigona complanata		Alabama Heelsplitter
							Ligumia recta		Black Sandshell
					IMBI\	/28010	Medionidus acutissimu	IS I	Alabama Moccasinshell
					IMBI\	/31010	Obovaria jacksoniana	9	Southern Hickorynut
					IMBIN	/31060	Obovaria unicolor		Alabama Hickorynut
					IMBIN	/35110	Pleurobema decisum		Southern Clubshell
					IMBIN	/35230	Pleurobema perovatur	n (	Ovate Clubshell
							Quadrula rumphiana		Ridged Mapleleaf
					IMBIN		Strophitus subvexus		Southern Creekmussel
							Truncilla donaciformes		Fawnsfoot
C-161-111 Di		-	DIL Hanas Cum	sharland Diver					es Mott Code: TC
Calfkiller River			DU: Upper Cun	iberianu River			Total Area:	•	
804	Action Sit						Subsite Area:		es Map Location:
States	Subregions	Census 2000		d Cover (1992		GAP I	Management Statu		
Tennessee 100.0%	NCP 58.9%	Total Dan E E20							al aracticas
. 51111055000 100.070	·	Total Pop. 5,530	Natural	73,795.9 ac.	86.1%			Agricultura	
. 3711100000 100.070	NCP - BUFF 40.3%	Pop./Sq. Mi. 41	Agriculture	11,015.3 ac.	12.8%				nents/stream modific
100.076	·		Agriculture Developed	11,015.3 ac. 840.9 ac.	12.8% 1.0%				
. 511105555	NCP - BUFF 40.3%		Agriculture	11,015.3 ac.	12.8%				
	NCP - BUFF 40.3%		Agriculture Developed	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1%	ies Tar	rgets		
System Targets	NCP - BUFF 40.3% OUT 0.8%		Agriculture Developed	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1%		rgets Scientific Name	Impoundm	
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec	ode	Scientific Name	Impoundm	nents/stream modific
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec El. C	ode B28B2	Scientific Name Notropis rupestris	Impoundm	nents/stream modific  Common Name # Bedrock Shiner
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA	ode B28B2 L07690	Scientific Name Notropis rupestris Cambarus pristinus	Impoundm	nents/stream modifications and modifications with the common Name #Bedrock Shiner (a crayfish)
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA	Dode B28B2 L07690 D12210	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha	Impoundm ( I aniensis	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIV	Dode B28B2 L07690 D12210 /28020	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha Medionidus conradicus	Impoundm	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIN	Code  B28B2  L07690  D12210  /28020  /35150	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegh Medionidus conradicus Pleurobema gibberum	Impoundm	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN	Code 1B28B2 1L07690 012210 1/28020 1/35150 1/47130	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha Medionidus conradicus Pleurobema gibberum Villosa taeniata	Impoundm  ( Inpoundm  ( Inpoun	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell
System Targets AS Code Aquatic Syste	NCP - BUFF 40.3% OUT 0.8%	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMBIN	Code B28B2 L07690 D12210 /28020 /35150 /47130 SK604	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin	Impoundm  ( interpretation of the second of	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail)
System Targets AS Code Aquatic Syste Highland Rim str	m Description earms, some headwaters in plat	Pop./Sq. Mi. 41	Agriculture Developed Water  # Occurrences	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMBIN	Code B28B2 L07690 D12210 /28020 /35150 /47130 SK604	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha Medionidus conradicus Pleurobema gibberum Villosa taeniata	Impoundm  ( interpretation of the second of	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail
System Targets AS Code Aquatic Syste Highland Rim str	m Description earms, some headwaters in plat	Pop./Sq. Mi. 41	Agriculture Developed Water	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMBIN	Code B28B2 L07690 D12210 /28020 /35150 /47130 SK604	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin	Impoundm  ( interpretation of the second of	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail)
System Targets AS Code Aquatic Syste 029 Highland Rim str	MCP - BUFF 40.3% OUT 0.8%  m Description earns, some headwaters in plate	Pop./Sq. Mi. 41	Agriculture Developed Water  # Occurrences	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMBIN	Code B28B2 L07690 D12210 /28020 /35150 /47130 SK604	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleghe Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area:	Impoundm	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB
System Targets AS Code Aquatic Syste 029 Highland Rim str Calhoun County Sp.	m Description earns, some headwaters in plate	Pop./Sq. Mi. 41  eau sandstones  Ee: No	Agriculture Developed Water  # Occurrences 1	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMGA	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area:	Impoundm  ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste O29 Highland Rim str  Calhoun County Spi NO9 States	m Description earns, some headwaters in plate strongs  Action Sit Subregions	Pop./Sq. Mi. 41  eau sandstones  e: No Census 2000	Agriculture Developed Water  # Occurrences 1	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIDDC IMBIN IMBIN IMGA	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristirus Ophiogomphus allegh Medionidus conradicus Pleurobema gibberum Villosa taeriata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statu	aniensis () guis () 4,061.5 acr 4,061.5 acr	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste 1029 Highland Rim str 1029 Agreement Ag	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  1  EDU: Coosa Rive  Land Use/Lar  Natural	11,015.3 ac. 840.9 ac. 96.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIV IMBIV IMGA  NLCD) 81.0%	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus allegha Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area:	aniensis () guis () 4,061.5 acr 4,061.5 acr	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste Mighland Rim str  Calhoun County Sp.  A09 States	m Description earns, some headwaters in plate strongs  Action Sit Subregions	Pop./Sq. Mi. 41  eau sandstones  e: No Census 2000	# Occurrences  # Occurrences  1  EDU: Coosa Rive  Land Use/Lar  Natural  Agriculture	11,015.3 ac. 840.9 ac. 96.5 ac. 96.5 ac. 1d Cover (1992 3,290.9 ac. 761.5 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7%	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristirus Ophiogomphus allegh Medionidus conradicus Pleurobema gibberum Villosa taeriata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statu	aniensis () guis () 4,061.5 acr 4,061.5 acr	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste Mighland Rim str  Calhoun County Sp.  A09 States	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  Land Use/Lar  Natural Agriculture Water	er  d Cover (1992 3,290.9 ac. 74.4 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2%	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristirus Ophiogomphus allegh Medionidus conradicus Pleurobema gibberum Villosa taeriata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statu	aniensis () guis () 4,061.5 acr 4,061.5 acr	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste AS Code Highland Rim str  Calhoun County Spi A09  States  Alabama 100.0%	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  1  EDU: Coosa Rive  Land Use/Lar  Natural  Agriculture	11,015.3 ac. 840.9 ac. 96.5 ac. 96.5 ac. 1d Cover (1992 3,290.9 ac. 761.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIODC IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 /28020 /35150 /47130 .SK604 .SK606	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statu 444.8 ac. 10.99	aniensis () guis () 4,061.5 acr 4,061.5 acr	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsi Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location:
System Targets AS Code Aquatic Syste AS Code Highland Rim str  Calhoun County Spi A09  States  Alabama 100.0%	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  Land Use/Lar  Natural Agriculture Water	er  d Cover (1992 3,290.9 ac. 74.4 ac.	12.8% 1.0% 0.1%  Spec EI. C. AFCJ ICMA IIODC IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 /28020 /35150 /47130 LSK604 LSK606  GAP I 3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana  Total Area: Subsite Area: Management Statt 444.8 ac. 10.96	aniensis guis 4,061.5 acr 4,061.5 acr Frimary T	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: hreats
System Targets AS Code Aquatic Syste AS Code Highland Rim str  Calhoun County Spi A09  States  Alabama 100.0%	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  Land Use/Lar  Natural Agriculture Water	er  d Cover (1992 3,290.9 ac. 74.4 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCL ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 V28020 V35150 SK6004 SK606  GAP I 3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statu 444.8 ac. 10.94	Impoundm  (inpoundm)  (inpound	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats
System Targets AS Code Aquatic Syste AS Code Highland Rim str  Calhoun County Spi A09  States  Alabama 100.0%	m Description earns, some headwaters in plate strongs  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339	# Occurrences  # Occurrences  Land Use/Lar  Natural Agriculture Water	er  d Cover (1992 3,290.9 ac. 74.4 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCL ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 V28020 V35150 SK6004 SK606  GAP I 3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana  Total Area: Subsite Area: Management Statt 444.8 ac. 10.96	Impoundm  (inpoundm)  (inpound	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: hreats
Calhoun County Spitates  [Alabama 100.0%]	m Description earns, some headwaters in plate subregions  Subregions  SRV 100.0%	eau sandstones  Ee: No Census 2000 Total Pop. 339 Pop./Sq. Mi. 53	# Occurrences # Occurrences  # Use/Land	er  d Cover (1992 3,290.9 ac. 761.5 ac. 2.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCL ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 V28020 V35150 SK6004 SK606  GAP I 3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.96	Impoundm  (inpoundm)  (inpound	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia #
System Targets AS Code Aquatic Syste AS Code Highland Rim str  Calhoun County Sport A09 States Alabama 100.0%  System Targets  Cane Creek (Coosa	m Description earns, some headwaters in plate some some headwaters in plate some some some some some some some som	eau sandstones  E: No Census 2000 Total Pop. 339 Pop./Sq. Mi. 53	# Occurrences  # Occurrences  Land Use/Lar  Natural Agriculture Water	er  d Cover (1992 3,290.9 ac. 761.5 ac. 2.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCL ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%	Code B28B2 L07690 D12210 V28020 V35150 SK6004 SK606  GAP I 3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana  Total Area: Subsite Area: Management Statu 444.8 ac. 10.96	Impoundm  (inpoundm)  (inpound	Common Name # Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinst Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name # Rusty Elimia res Mott Code: MB
Calhoun County Sparts  AS Code Aquatic System  AS Code Aquatic System  Alighland Rim str  Calhoun County Sparts  ALIGH  AS System Targets  Cane Creek (Coosa  ALIGH  AS CODE Aquatic System  A County Sparts  Cane Creek (Coosa  ALIGH  AND ADD ACCOUNTY  AND ACCOUNTY  AS COUNTY  AS COUNTY  AND ADD ACCOUNTY  AND AC	m Description eams, some headwaters in plate  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit	eau sandstones  Ee: No Census 2000 Total Pop. 339 Pop./Sq. Mi. 53	# Occurrences # Occurrences  # Use/Land	er  d Cover (1992 3,290.9 ac. 761.5 ac. 2.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCL ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 18.7% 0.2% 0.1%  Spec EI. C	Code B28B2 L07690 1012210 1/28020 335150 1/47130 SK604  GAP I  3	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.9999  rgets Scientific Name Elimia bentoniensis Total Area: Subsite Area:	Impoundm	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
System Targets AS Code Aquatic Syste 3029 Highland Rim str  Calhoun County Sp. A09 States Alabama 100.0%  System Targets  Cane Creek (Coosa A10 States	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339 Pop./Sq. Mi. 53  Ee: No Census 2000	# Occurrences  # Occurrences  1  EDU: Coosa Rive  Land Use/Lar  Natural  Agriculture  Water  Developed  EDU: Coosa Rive  Land Use/Lar	er  dd Cover (1992 3,290.9 ac. 761.5 ac. 2.5 ac.	12.8% 1.0% 0.1% Spec EI. C AFCJ ICMA IIODC IMBIN IMGA IMGA  NLCD) 81.0% 2% 0.1% Spec EI. C IMGA	Code B28B2 L07690 D12210 D28020 D28020 D35150 D47130 SK606  GAP I  GAP I  GAP I	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.99999999999999999999999999999999999	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
System Targets AS Code Aquatic Syste AS Code Aquatic Syste AS Code Aquatic Syste Algorithm Algorithm County Sport A09 States Alabama 100.0% ASSISTED AGENTAL AGENT	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	Pop./Sq. Mi.	# Occurrences  # Occurrences  1  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Water Developed  EDU: Coosa Rive  Land Use/Lar Natural	er  er  dd Cover (1992 3,290.9 ac. 761.5 ac. 2.5 ac.  ad Cover (1992 3,290.9 ac. 7.4 ac. 2.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFGJ ICMA IIODC IMBIN IMBIN IMGA IMGA  NLCD) 81.0% 0.2% 0.1%  Spec EI. C IMGA	Code B28B2 L07690 D12210 D28020 D28020 D35150 D47130 SK606  GAP I  GAP I  GAP I	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.9999  rgets Scientific Name Elimia bentoniensis Total Area: Subsite Area:	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
System Targets AS Code Aquatic Syste 3029 Highland Rim str  Calhoun County Sp. AO9 States Alabama 100.0%  Cane Creek (Coosa A10 States	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	eau sandstones  Ee: No Census 2000 Total Pop. 339 Pop./Sq. Mi. 53  Ee: No Census 2000	# Occurrences  # Occurrences  # Occurrences  Land Use/Lar Natural Agriculture Water Developed  Land Use/Lar Natural Agriculture Agriculture Agriculture	er  dd Cover (1992 3,290.9 ac. 74 ac. 2.5 ac.  dd Cover (1992 3,290.9 ac. 74 ac. 2.5 ac.  dd Cover (1992 3,0926.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIIODC IMBIN, IMBIN, IMGA IMGA  NLCD) 81.0% 0.2% 0.1%  Spec EI. C IMGA	Code B28B2 L07690 D12210 D28020 D28020 D35150 D47130 SK606  GAP I  GAP I  GAP I	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.99999999999999999999999999999999999	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
System Targets AS Code Aquatic Syste Mighland Rim str  Calhoun County Sp. A09 States Alabama 100.0%  System Targets  Cane Creek (Coosa A10 States	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	Pop./Sq. Mi.	# Occurrences # Occurrences  # Occurrences  Land Use/Lar Natural Agriculture Water  Developed  Land Use/Lar Natural Agriculture Developed	er  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 30,926.5 ac. 3,798.2 ac. 3,649.9 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ IMBIN IMBIN IMBIN IMGA IMGA  NLCD) Spec EI. C IMGA  NLCD) 80.5% 9.9% 9.5%	Code B28B2 L07690 D12210 D28020 D28020 D35150 D47130 SK606  GAP I  GAP I  GAP I	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.99999999999999999999999999999999999	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
Calhoun County Sp. Albama 100.0%  Cane Creek (Coosa  A10  States	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	Pop./Sq. Mi.	# Occurrences  # Occurrences  # Occurrences  Land Use/Lar Natural Agriculture Water Developed  Land Use/Lar Natural Agriculture Agriculture Agriculture	er  dd Cover (1992 3,290.9 ac. 74 ac. 2.5 ac.  dd Cover (1992 3,290.9 ac. 74 ac. 2.5 ac.  dd Cover (1992 3,0926.5 ac.	12.8% 1.0% 0.1%  Spec EI. C AFCJ ICMA IIIODC IMBIN, IMBIN, IMGA IMGA  NLCD) 81.0% 0.2% 0.1%  Spec EI. C IMGA	Code B28B2 L07690 D12210 D28020 D28020 D35150 D47130 SK606  GAP I  GAP I  GAP I	Scientific Name Notropis rupestris Cambarus pristinus Ophiogomphus alleght Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana Total Area: Subsite Area: Management Statt 444.8 ac. 10.99999999999999999999999999999999999	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
Calhoun County Spanners  AS Code Aquatic System Agents  AS Code Aquatic System Agents  Calhoun County Spanners  A09  States  Alabama 100.0%  Cane Creek (Coosa A10  States  Alabama 100.0%	m Description earns, some headwaters in plat  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions	Pop./Sq. Mi.	# Occurrences # Occurrences  # Occurrences  Land Use/Lar Natural Agriculture Water  Developed  Land Use/Lar Natural Agriculture Developed	er  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 30,926.5 ac. 3,798.2 ac. 3,649.9 ac.	12.8% 1.0% 0.1%  Spec EI. C. AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA   NLCD)  Spec EI. C. IMGA  NLCD)  Spec EI. C. IMGA  NLCD)  Spec O.1%	Code B28B2 L07690 D12210 D28020 C35150 C47130 SK604 SK606  GAP I 3 GAP I 3 19	Scientific Name Notropis rupestris Cambarus pristinus Ophicogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana  Total Area: Subsite Area: Management Statu 444.8 ac. 10.94  rgets Scientific Name Elimia bentoniensis  Total Area: Subsite Area: Management Statu 49.979.8 ac. 52.04	4,061.5 acr 4,061.5 acr 4,061.5 acr 38,435.7 acr 38,435.7 acr	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:
System Targets  AS Code Aquatic Syste  D029 Highland Rim str  Calhoun County Sp.  A09  States  Alabama 100.0%  System Targets  Cane Creek (Coosa  A10  States	m Description eams, some headwaters in plate  rings  Action Sit Subregions  SRV 100.0%  River)  Action Sit Subregions  SRV 100.0%	Pop./Sq. Mi.	# Occurrences # Occurrences  # Occurrences  Land Use/Lar Natural Agriculture Water  Developed  Land Use/Lar Natural Agriculture Developed	er  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 3,290.9 ac. 74. ac. 2.5 ac.  d Cover (1992 30,926.5 ac. 3,798.2 ac. 3,649.9 ac.	12.8% 1.0% 0.1%  Spec EI. C. AFCJ ICMA IIODC IMBIN IMBIN IMBIN IMGA IMGA   NLCD)  Spec EI. C. IMGA  NLCD)  Spec EI. C. IMGA  NLCD)  Spec O.1%	Code B28B2 L07690 B28B2 L07690 P28020 P28020 P28020 P28020 P35150	Scientific Name Notropis rupestris Cambarus pristinus Ophicogomphus alleghi Medionidus conradicus Pleurobema gibberum Villosa taeniata Lithasia geniculata pin Lithasia jayana  Total Area: Subsite Area: Management Statu 444.8 ac. 10.94  rgets Scientific Name Elimia bentoniensis  Total Area: Subsite Area: Management Statu 49.979.8 ac. 52.04	Impoundm  (inpoundm)  (inpound	Common Name #Bedrock Shiner (a crayfish) Allegheny Snaketail Cumberland Moccasinsl Cumberland Pigtoe Painted Creekshell (a snail) Rugose Rocksnail res Mott Code: MB res Map Location: Threats  Common Name #Rusty Elimia res Mott Code: MB Rugose Rocksnail res Map Location:

Cane Creek (Upper B	lack Warrior River	) E	DU: Upper Blac	ck Warrior River		Total Area:	40,656.6 acres Mott Code: MBE
A11	Action Sit		1 111 /1	1 0 (4000	NII OD)	Subsite Area:	40,656.6 acres Map Location:
States	Subregions	Census 2000		nd Cover (1992		GAP Management Statu	is Primary inreats
Alabama 100.0%	SCP 100.0%	Total Pop. 15,641	Natural	34,029.8 ac.	83.7%		
		Pop./Sq. Mi. 246	Agriculture	3,572.3 ac.	8.8%		
			Developed	2,882.6 ac.	7.1%		
			Water	170.6 ac.	0.4%		
System Targets					Spec	ies Targets	
AS Code Aquatic System	Description		# Occurrences		El. C		Common Name #
	tain, plateau streams		1			B5203 Lythrurus bellus alegno	
	•	-	DU Haran	abadaad Dissa	711 00		•
Cane Creek (Upper C	•		DU: Upper Cun	nberland River			105,080.6 acres Mott Code: TCB
A12	Action Sit						105,080.6 acres Map Location:
States	Subregions	Census 2000		nd Cover (1992		GAP Management Statu	
Tennessee 100.0%	NCP 90.6%	Total Pop. 3,209	Natural	95,346.6 ac.	90.7%	3 15,620.9 ac. 14.9°	
	NCP - BUFF 9.4%	Pop./Sq. Mi. 20	Agriculture	8,769.0 ac.	8.3%		Impoundments/stream modification
			Developed	565.8 ac.	0.5%		Mining practices
			Water	400.3 ac.	0.4%		
Systom Targets						ios Targots	
System Targets	Description		# 0			ies Targets	0-: 11 "
AS Code Aquatic System			# Occurrences		EI. C		Common Name #
0026 transitional streams	s Cumberland plateau to High	land Rim	1		AFCJ	B28B2 Notropis rupestris	Bedrock Shiner
	<u></u>	·			AFCJ	C1301 Thoburnia atripinnis	Blackfin Sucker
					AFCC	C02X Etheostoma sp. cf. E. s	stigmaeum Bluemask or Jewel Darte
						L07690 Cambarus pristinus	(a crayfish)
						012210 Ophiogomphus allegha	
						712210 Opniogompnus aliegna 721110 Lampsilis abrupta	Pink Mucket
						28020 Medionidus conradicus	
						/32010 Pegias fabula	Littlewing Pearlymussel
					IMBIV	35150 Pleurobema gibberum	Cumberland Pigtoe
					IMBIV	47130 Villosa taeniata	Painted Creekshell
						SK604 Lithasia geniculata pin	
						SK606 Lithasia jayana	Rugose Rocksnail
					IMOA	7,7	•
Cedar Creek			DU: Coosa Rive	er		Total Area:	108,067.6 acres <b>Mott Code:</b> MB
A13	Action Sit	e: No				Subsite Area:	108,067.6 acres Map Location:
States	Subregions	Census 2000	Land Use/Lar	nd Cover (1992	NLCD)	GAP Management Statu	is Primary Threats
Georgia 100.0%	SRV 100.0%	Total Pop. 23,182	Natural	78,557.5 ac.	72.7%	-	Impoundments/stream modific
Alabama 0.0%		Pop./Sq. Mi. 137	Agriculture	24,955.4 ac.	23.1%		Incompatible recreation
7 Habama 0.076		1 op./oq. IIII. 107	Developed	4,301.7 ac.	4.0%		Residential development
			Water	252.0 ac.	0.2%		residential development
			Water	202.0 ac.			
			".0			ies Targets	
			# Occurrences		El. C		Common Name #
AS Code Aquatic System						1220E0 Laamigana halatania	
AS Code Aquatic System 2001 small ridge and val	Description ley rivers, origin in ridge and	valley	1		IIVIDIV	'22050 Lasmigona holstonia	Tennessee Heelsplitter
AS Code Aquatic System 2001 small ridge and val	ley rivers, origin in ridge and	valley	1		IIVIBIV	22030 Lasinigona noistonia	I ennessee Heelsplitter
AS Code Aquatic System  C001 small ridge and val  C005 ridge and valley str	ley rivers, origin in ridge and eams		1 2 EDU: Coosa Rive	er	IIVIBIV	Total Area:	·
AS Code Aquatic System  2001 small ridge and val  2005 ridge and valley str  Chattooga County sp	ley rivers, origin in ridge and eams	E	1 2 :DU: Coosa Rive	er	IIMBIV		439.0 acres Mott Code: MB
AS Code Aquatic System  2001 small ridge and val  2005 ridge and valley str  Chattooga County sp	ley rivers, origin in ridge and eams	E		er nd Cover (1992		Total Area:	439.0 acres Mott Code: MB 439.0 acres Map Location:
AS Code Aquatic System COO1 small ridge and val COO2 ridge and valley str Chattooga County sp A14 States	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000	Land Use/Lar	nd Cover (1992	NLCD)	Total Area: Subsite Area:	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats
AS Code Aquatic System 5001 small ridge and val 5005 ridge and valley str Chattooga County sp	ley rivers, origin in ridge and eams rring Action Sit	e: No Census 2000 Total Pop. 73	Land Use/Lar	nd Cover (1992 211.1 ac.	NLCD) 48.0%	Total Area: Subsite Area:	439.0 acres Mott Code: MB 439.0 acres Map Location:
S Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp 314 States	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000	Land Use/Lar Natural Developed	nd Cover (1992 211.1 ac. 203.6 ac.	NLCD) 48.0% 46.3%	Total Area: Subsite Area:	439.0 acres Mott Code: MB 439.0 acres Map Location: IS Primary Threats
S Code Aquatic System 001 small ridge and val 005 ridge and valley str  Chattooga County sp 1.14 States  Georgia 100.0%	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000 Total Pop. 73	Land Use/Lar	nd Cover (1992 211.1 ac.	NLCD) 48.0% 46.3% 5.7%	Total Area: Subsite Area: GAP Management Statu	439.0 acres Mott Code: MB 439.0 acres Map Location: IS Primary Threats
Aquatic System small ridge and vall ridge and valley str Chattooga County sp A14 States Georgia 100.0%	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000 Total Pop. 73	Land Use/Lar Natural Developed	nd Cover (1992 211.1 ac. 203.6 ac.	NLCD) 48.0% 46.3% 5.7%	Total Area: Subsite Area: GAP Management Statu	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats Agricultural practices
AS Code Aquatic System 2001 small ridge and vall 2005 ridge and valley str  Chattooga County sp  A14  States  Georgia 100.0%	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000 Total Pop. 73	Land Use/Lar Natural Developed	nd Cover (1992 211.1 ac. 203.6 ac.	NLCD) 48.0% 46.3% 5.7%	Total Area: Subsite Area: GAP Management Statu	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats Agricultural practices
Aquatic System small ridge and vall ridge and valley str Chattooga County sp A14 States Georgia 100.0%	ley rivers, origin in ridge and eams rring Action Sit Subregions	e: No Census 2000 Total Pop. 73	Land Use/Lar Natural Developed	nd Cover (1992 211.1 ac. 203.6 ac.	NLCD) 48.0% 46.3% 5.7% Spec	Total Area: Subsite Area: GAP Management Statu	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats Agricultural practices
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str  Chattooga County sp A14  States  Georgia 100.0%  System Targets	ley rivers, origin in ridge and eams  ring  Action Sit  Subregions  SRV 100.0%	e: No Census 2000  Total Pop. 73 Pop./Sq. Mi. 106	Land Use/Lar Natural Developed Agriculture	nd Cover (1992 211.1 ac. 203.6 ac. 25.1 ac.	NLCD) 48.0% 46.3% 5.7% Spec	Total Area:  Subsite Area:  GAP Management Statu  iles Targets  ode Scientific Name  (C0219 Etheostoma ditrema	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats Agricultural practices  Common Name # Coldwater Darter
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str  Chattooga County sp  A14  States  Georgia 100.0%  System Targets  Chattooga River hear	ley rivers, origin in ridge and eams  ring  Action Sit  Subregions  SRV 100.0%	e: No  Census 2000  Total Pop. 73  Pop./Sq. Mi. 106	Land Use/Lar Natural Developed	nd Cover (1992 211.1 ac. 203.6 ac. 25.1 ac.	NLCD) 48.0% 46.3% 5.7% Spec	Total Area: Subsite Area: GAP Management Statu  iles Targets ode Scientific Name (C0219 Etheostoma ditrema  Total Area:	439.0 acres Mott Code: MB 439.0 acres Map Location:  S Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MB
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp A14 States Georgia 100.0%  System Targets  Chattooga River head A15	ley rivers, origin in ridge and eams  ring  Action Sit Subregions  SRV 100.0%  dwaters  Action Sit	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106	Land Use/Lar Natural Developed Agriculture	nd Cover (1992 211.1 ac. 203.6 ac. 25.1 ac.	NLCD) 48.0% 46.3% 5.7% Spec	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (C0219 Etheostoma ditrema  Total Area:  Subsite Area:	439.0 acres Mott Code: MB 439.0 acres Map Location:  Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MB 99,941.6 acres Map Location:
Chattooga County sp A14 States Georgia 100.0%  System Targets  Chattooga River head A15 States	ley rivers, origin in ridge and eams  ring  Action Sit  Subregions  [SRV 100.0%]  dwaters  Action Sit Subregions	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No Census 2000	Land Use/Lar Natural Developed Agriculture  DU: Coosa Rive	nd Cover (1992 211.1 ac. 203.6 ac. 25.1 ac.	NLCD) 48.0% 46.3% 5.7% Spec EI. C AFCC	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp A14 States Georgia 100.0%  System Targets  Chattooga River head A15		e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No  Census 2000  Total Pop. 1383	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive Land Use/Lar Natural	nd Cover (1992 211.1 ac. 203.6 ac. 25.1 ac. er d Cover (1992 75,049.1 ac.	NLCD) 48.0% 46.3% 5.7% Spec EI. C AFCC  NLCD) 75.1%	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (C0219 Etheostoma ditrema  Total Area:  Subsite Area:	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp A14 States Georgia 100.0%  System Targets  Chattooga River head A15 States States	ley rivers, origin in ridge and eams  ring  Action Sit  Subregions  [SRV 100.0%]  dwaters  Action Sit Subregions	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No Census 2000	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture	er (1992 75,049.1 ac. 22,644.5 ac.	NLCD) 48.0% 46.3% 5.7% Spec EI. C AFCC  NLCD) 75.1% 22.7%	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices
AS Code Aquatic System Cod		e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No  Census 2000  Total Pop. 1383	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive Land Use/Lar Natural	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7%  Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8%	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu	439.0 acres Mott Code: MB 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MB 99,941.6 acres Map Location: IS Primary Threats Agricultural practices
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp A14 States Georgia 100.0%  System Targets  Chattooga River head A15 States States		e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No  Census 2000  Total Pop. 1383	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture	er (1992 75,049.1 ac. 22,644.5 ac.	NLCD) 48.0% 46.3% 5.7% Spec EI. C AFCC  NLCD) 75.1% 22.7%	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices
Aquatic System small ridge and vall ridge and valley str.  Chattooga County sp.  A14  States  Georgia 100.0%  Chattooga River head  A15  States  Georgia 100.0%		e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No  Census 2000  Total Pop. 1383	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Developed	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7% Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4%	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices
AS Code Aquatic System 2001 small ridge and val 2005 ridge and valley str Chattooga County sp A14 States Georgia 100.0%  Chattooga River head A15 States Georgia 100.0%  System Targets  System Targets		e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  Ee: No  Census 2000  Total Pop. 1383	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Developed Water	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7% Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4%  Spec	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu  3 13,247.4 ac. 13.34  iles Targets	439.0 acres Mott Code: MBI  439.0 acres Map Location:  Primary Threats  Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI  99,941.6 acres Map Location:  Primary Threats  Agricultural practices  Impoundments/stream modific
AS Code Aquatic System 2001 small ridge and vall ridge and valley str.  Chattooga County sp. A14  States  Georgia 100.0%  System Targets  Chattooga River head 15  States  Georgia 100.0%  System Targets  A15  States  Georgia 100.0%  A25  A35  A35  A35  A35  A35  A36  A40  A40  A40  A40  A40  A40  A40  A4	ley rivers, origin in ridge and eams  ring  Action Sit Subregions  SRV 100.0%  dwaters  Action Sit Subregions  SRV 84.0% SCP 16.0%	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  E: No  Census 2000  Total Pop. 16,383 Pop./Sq. Mi. 105	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Developed	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7% Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4%  Spec El. C	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (20219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu  3 13,247.4 ac. 13.34  iles Targets ode Scientific Name	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices Impoundments/stream modific  Common Name #
Agrantic System   Aquatic System	ley rivers, origin in ridge and eams  ring  Action Sit Subregions  SRV 100.0%  dwaters  Action Sit Subregions  SRV 84.0% SCP 16.0%  Description ley rivers, origin in ridge and	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  E: No  Census 2000  Total Pop. 16,383 Pop./Sq. Mi. 105	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed Water  # Occurrences	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7% Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4% Spec El. C AFCJ	Total Area:  Subsite Area:  GAP Management Statu  iles Targets  ode Scientific Name  (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu  3 13,247.4 ac. 13.34  iles Targets  ode Scientific Name  B1504 Hybopsis lineapunctate	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices Impoundments/stream modific  Common Name # Lined Chub
AS Code Aquatic System  2001 small ridge and val  2005 ridge and valley str  Chattooga County sp  A14  States  Georgia 100.0%  System Targets  Chattooga River head  A15  States  Georgia 100.0%  System Targets  AS Code Aquatic System	ley rivers, origin in ridge and eams  ring  Action Sit Subregions  SRV 100.0%  dwaters  Action Sit Subregions  SRV 84.0% SCP 16.0%  Description ley rivers, origin in ridge and	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  E: No  Census 2000  Total Pop. 16,383 Pop./Sq. Mi. 105	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Developed Water	er  1,830.8 ac. 1,	NLCD)  48.0% 46.3% 5.7%  Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4%  Spec El. C AFCJ MBIN	Total Area:  Subsite Area:  GAP Management Statu  iles Targets ode Scientific Name (20219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu  3 13,247.4 ac. 13.34  iles Targets ode Scientific Name  Hybopsis lineapunctata (21010 Lampsilis altilis)	439.0 acres Mott Code: MBI 439.0 acres Map Location: IS Primary Threats Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBI 99,941.6 acres Map Location: IS Primary Threats Agricultural practices Impoundments/stream modific  Common Name # Lined Chub Finelined Pocketbook
AS Code Aquatic System    2001	ley rivers, origin in ridge and eams  ring  Action Sit Subregions  SRV 100.0%  dwaters  Action Sit Subregions  SRV 84.0% SCP 16.0%  Description ley rivers, origin in ridge and	e: No  Census 2000  Total Pop. 73 Pop./Sq. Mi. 106  E: No  Census 2000  Total Pop. 16,383 Pop./Sq. Mi. 105	Land Use/Lar Natural Developed Agriculture  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed Water  # Occurrences	er  1,830.8 ac. 1,	NLCD) 48.0% 46.3% 5.7% Spec El. C AFCC  NLCD) 75.1% 22.7% 1.8% 0.4%  Spec El. C AFCJ  MBIV	Total Area:  Subsite Area:  GAP Management Statu  iles Targets  ode Scientific Name  (CO219 Etheostoma ditrema  Total Area:  Subsite Area:  GAP Management Statu  3 13,247.4 ac. 13.34  iles Targets  ode Scientific Name  B1504 Hybopsis lineapunctate	439.0 acres Mott Code: MBE 439.0 acres Map Location:  IS Primary Threats  Agricultural practices  Common Name # Coldwater Darter  99,941.6 acres Mott Code: MBE 99,941.6 acres Map Location:  IS Primary Threats  Agricultural practices  Impoundments/stream modification  Common Name #  Lined Chub Finelined Pocketbook Tennessee Heelsplitter

A16			otion C'	o: No			er					17,757.6 acres Mott Code: 1
A16			Action Sit							Subsite Ar		17,757.6 acres Map Location
States		Subregions		Census 2000			nd Cover (1992			Management		
Alabama	100.0%	SRV	99.7%	Total Pop. 69	,496	Natural	250,169.2 ac.	78.79	6 3 10	2,109.5 ac.	32.1%	Agricultural practices
		SRV - BUFF	0.3%	Pop./Sq. Mi.	140	Agriculture	52,543.8 ac.	16.5%	6 2	7,392.4 ac.	2.3%	Impoundments/stream mod
		-				Developed	13,780.1 ac.	4.39		6,541.7 ac.	2.1%	
						Water	1,264.9 ac.	0.49		, , , , , , , , , , , , , , , , , , , ,		
0	.4-						, 43.					
System Targe									ecies Ta			
AS Code Aq	uatic Systen	n Description				# Occurrences		E	. Code	Scientific Na	me	Common Name
C001 sma	all ridge and va	lley rivers, origin ir	n ridge and	valley		1		AF	C4E0221	Cottus paulus		Pygmy Sculpin
D005 ridg	e and valley st	reams				1		AF	CJB1401	Hemitremia flan	птеа	Flame Chub
D041 tran	sitional stream	s, Piedmont to Rid	dge and Val	lley		3		AF	CJB4902	Cyprinella caero	ılea	Blue Shiner
				•						Etheostoma diti		Coldwater Darter
										Etheostoma bre		
								_		Etheostoma sp.		
										Lampsilis altilis	GI. L. UILI	Finelined Pocketbook
								_				
										Pleurobema ge		
										Strophitus cona		
										Villosa nebulos		Alabama Rainbow
										Villosa vanuxen		
										Tulotoma magn	ifica	Tulotoma Snail
								IM	GASJ501	Stiobia nana		Sculpin Snail
										Elimia bellula		Walnut Elimia
									GASK211	Elimia bentonie	nsis	Rusty Elimia
										Elimia crenatella		Lacy Elimia
								_	GASK511	Leptoxis taenia		Painted Rocksnail
									J, 1011011			
Clear Creel	k tributary	y (Bankhead	INF)		E	DU: Upper Blac	ck Warrior River			Total Ar	ea:	1,696.7 acres Mott Code: I
A17		Δ	Action Sit	e: No						Subsite Ar	ea:	1,696.7 acres Map Location
States		Subregions		Census 2000		I and I lea/I ar	nd Cover (1992	NI CD	GAP	Management		
Alabama	100.00/	SCP	100.00/		71		•				2.4%	
Alabama	100.0%	SCP	100.0%	Total Pop.	71	Natural	1,324.7 ac.	78.09		41.2 ac.	2.4%	Industrial/municipal pollutio
				Pop./Sq. Mi.	27	Developed	353.3 ac.	20.89	- I			
						Agriculture	19.6 ac.	1.29	<b>'</b> 0			
System Targe	ets					·		Sp	ecies Ta	rgets		
, ,								Ē	. Code	Scientific Na	me	Common Name
								_		Etheostoma do		Tuskaloosa Darter
								[Al	OQOUZDI			
Coahulla C	reek tribu	taries and s	prings		Е	DU: Coosa Riv	er			Total Ar	ea: 4	45,816.1 acres Mott Code: I
A18		Α	Action Sit	e: No						Subsite Ar	ea: 4	45,816.1 acres Map Location
States		Subregions		Census 2000		Land Hea/Lar	nd Cover (1992	NI CD	GAR	Management		
	00.50/		04.40/		10.1				1 -			
Tennessee	80.5%	NRV	81.1%		,404	Natural	26,828.6 ac.	58.6%	6 4	70.8 ac.	0.2%	
Georgia	19.5%	SRV	18.9%	Pop./Sq. Mi.								
				r op./oq. ivii.	173	Agriculture	17,281.2 ac.	37.79				Residential development
				r op./oq. wii.	173	Agriculture Developed	17,281.2 ac. 1,648.1 ac.	37.7% 3.6%				Residential development
				r op.roq. ivii.	173				6			Residential development
System Targe	ets			г орлод. ин.	173	Developed	1,648.1 ac.	3.69 0.19	6	raets		Residential development
System Targe		2 Description		r op.roq. wii.		Developed Water	1,648.1 ac.	3.6% 0.1% <b>Sp</b>	6 ecies Ta	-	ma	
AS Code Aq	uatic Systen			r op.roq. mi.		Developed	1,648.1 ac.	3.69 0.19 <b>Sp</b>	ecies Ta	Scientific Na		Common Name
AS Code Aq				i op. oq. im.		Developed Water	1,648.1 ac.	3.6% 0.1% Sp EI	ecies Ta Code CQC0219	Scientific Na Etheostoma dita		Common Name Coldwater Darter
AS Code Aq	uatic Systen			i op.og. im.		Developed Water	1,648.1 ac.	3.6% 0.1% Sp EI	ecies Ta Code CQC0219	Scientific Na	rema	Common Name Coldwater Darter File Elimia
AS Code Aq	uatic Systen le and valley st			i op.ioq. im.		Developed Water	1,648.1 ac. 59.3 ac.	3.6% 0.1% Sp EI	ecies Ta Code CQC0219	Scientific Na Etheostoma dita	rema	Common Name Coldwater Darter
AS Code Aq D005 ridg Collins Rive	uatic Systen le and valley st	reams	Action Sit			Developed Water  # Occurrences	1,648.1 ac. 59.3 ac.	3.6% 0.1% Sp EI	ecies Ta Code CQC0219	Scientific Na Etheostoma ditr Elimia striatula	ea: 50	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code:
AS Code Aq D005 ridg Collins Rive	uatic Systen le and valley st	reams	Action Sit	e: No		# Occurrences 1  DU: Upper Currences	1,648.1 ac. 59.3 ac.	3.69 0.19 Sp EI AF	ecies Ta . Code CQC0219 GASK263	Scientific Na Etheostoma ditr Elimia striatula  Total Ar Subsite Ar	ea: 50	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code: 03,938.4 acres Map Location
AS Code Aq D005 ridg Collins Rive A19 States	uatic System le and valley st	reams A Subregions		e: No Census 2000	E	# Occurrences  1  DU: Upper Cun  Land Use/Lan	1,648.1 ac. 59.3 ac. mberland River	3.69 0.19 Sp EI AF IM	GAP	Scientific Na Etheostoma ditr Elimia striatula Total Ar Subsite Ar Management	ea: 50 ea: 50 Status	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code: 03,938.4 acres Map Location Primary Threats
AS Code Aq D005 ridg Collins Rive	uatic Systen le and valley st	A Subregions	53.0%	e: No Census 2000 Total Pop. 49	,978	Developed Water  # Occurrences 1  DU: Upper Cun  Land Use/Lan  Natural	1,648.1 ac. 59.3 ac. mberland River ad Cover (1992 319,403.9 ac.	3.69 0.19 Sp EI AF IM	GASK263  GAP  GASK263	Scientific Na Etheostoma ditr Elimia striatula Total Ar Subsite Ar Management 7,951.2 ac.	ea: 50 ea: 50 Status 1.6%	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code: 03,938.4 acres Map Location Primary Threats Agricultural practices
AS Code Aq D005 ridg Collins Rive A19 States	uatic System le and valley st	Subregions OUT NCP	53.0% 31.2%	e: No Census 2000	E	Developed Water  # Occurrences 1  DU: Upper Cun  Land Use/Lai  Natural Agriculture	1,648.1 ac. 59.3 ac. mberland River and Cover (1992 319,403.9 ac. 174,407.4 ac.	3.69 0.19 Sp EI AF IM NLCD) 63.49 34.69	GAP  GAP  GAP  GAP  GAP  GAP  GAP	Scientific Na Etheostoma ditr Elimia striatula Total Ar Subsite Ar Management	ea: 50 ea: 50 Status	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code: 03,938.4 acres Map Locatio Primary Threats Agricultural practices Impoundments/stream mod
AS Code Aq D005 ridg Collins Rive A19 States	uatic System le and valley st	A Subregions	53.0% 31.2%	e: No Census 2000 Total Pop. 49	,978	Developed Water  # Occurrences 1  DU: Upper Cun  Land Use/Lar  Natural Agriculture Developed	1,648.1 ac. 59.3 ac. mberland River and Cover (1992 319,403.9 ac. 174,407.4 ac. 9,027.1 ac.	3.69 0.19 Sp EI AF IM NLCD) 63.49 34.69 1.89	GAP  GAP  GAP  GAP  GAP  GAP  GAP  GAP	Scientific Na Etheostoma ditr Elimia striatula Total Ar Subsite Ar Management 7,951.2 ac.	ea: 50 ea: 50 Status 1.6%	Common Name Coldwater Darter File Elimia 03,938.4 acres Mott Code: 03,938.4 acres Map Location Primary Threats Agricultural practices
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AS Code Aq D005 ridg  Collins Riv A19 States Tennessee  System Targe AS Code Aq C009 sm D026 trar D029 Hig D030 Hig D030 Hig AS Colvin Mou	uatic System le and valley st  er  100.0%  Its le uatic System all Highland Rin lisitional stream hland Rim	Subregions  A Subregions OUT NCP NCP - BUFF  In Description In rivers, origin in the second platams, some headwith arms  A Subregions SRV  A Subregions	53.0% 31.2% 15.8% he Cumber teau to High alters in pla	e: No Census 2000 Total Pop. 49 Pop./Sq. Mi.  land Plateau nland Rim teau sandstones  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.		Developed Water  # Occurrences 1 DU: Upper Cur Land Use/Lar Natural Agriculture Developed Water  # Occurrences 1 2 4 DU: Coosa Riv Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Agriculture	nberland River  nd Cover (1992 319,403.9 ac. 174,407.4 ac. 9,027.1 ac. 1,099.4 ac. 1,153.0 ac. 159.0 ac. 5.0 ac. 10d Cover (1992 1,163.0 ac. 1,065.0 ac. 242.2 ac.	3.6% 0.19 Sp EI AFA AFA AFA AFA AFA AFA AFA AFA AFA AF	GAP 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Scientific Na Etheostoma ditu Elimia striatula  Total Ar Subsite Ar Management 7,951.2 ac. 3,245.7 ac.  rgets Scientific Na Fundulus julisia Etheostoma for Etheostoma for Etheostoma spic Ophiogomphus Medionidus con Medionidus con Pegias fabula Pleurobema git Villosa taeniata Lithasia jayana  Total Ar Subsite Ar Management	mea: 50 Status 1.6% 0.6%   mee  mee  mee  mee  mee  mee  mee  m	Common Name Coldwater Darter File Elimia  03,938.4 acres Mott Code: 1  03,938.4 acres Map Locatid Frimary Threats Agricultural practices Impoundments/stream mod Mining practices  Common Name Barrens Topminnow Barrens Darter Bluemask or Jewel D (a crayfish) idensis Allegheny Snaketail Cumberland Moccas Littlewing Pearlymus Cumberland Pigtoe Painted Creekshell is (a snail) Rugose Rocksnail  2,993.4 acres Mott Code: 1  1,317.8 acres Map Locatid Frimary Threats
AS Code Aq D005 ridg  Collins Riv. A19 States Tennessee  System Targe AS Code Aq C009 sme D026 trar D029 Hig D030 Hig  Colvin Mou A20A States Alabama  A20B States Alabama	uatic System le and valley st  er  100.0%  hts  uatic System lal Highland Rim sitional stream hland Rim strea  100.0%	Subregions  A Subregions OUT NCP NCP - BUFF  In Description In rivers, origin in the second platams, some headwith arms  A Subregions SRV  A Subregions	53.0% 31.2% 15.8% he Cumber teau to High alters in pla	e: No Census 2000 Total Pop. 49 Pop./Sq. Mi.  land Plateau nland Rim teau sandstones  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.		Developed Water  # Occurrences 1 DU: Upper Cun Land Use/Lan Natural Agriculture Developed Water  # Occurrences 1 2 4 DU: Coosa Riv Land Use/Lan Natural Agriculture Developed Land Use/Lan Natural Agriculture Developed	nberland River  nd Cover (1992 319,403.9 ac. 174,407.4 ac. 1,099.4 ac. 1,153.0 ac. 159.0 ac. 5.0 ac. 166.0 ac. 363.2 ac.	3.6% 0.19 Sp EI AFA 1.8% 1.8% 1.8% 1.8% 1.8% 1.8% 1.8% 1.8%	GAP 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Scientific Na Etheostoma ditu Elimia striatula  Total Ar Subsite Ar Management 7,951.2 ac. 3,245.7 ac.  rgets Scientific Na Fundulus julisia Etheostoma for Etheostoma for Etheostoma spic Ophiogomphus Medionidus con Medionidus con Pegias fabula Pleurobema git Villosa taeniata Lithasia jayana  Total Ar Subsite Ar Management	mea: 50 Status 1.6% 0.6%   mee  mee  mee  mee  mee  mee  mee  m	Common Name Coldwater Darter File Elimia  03,938.4 acres Mott Code: 1  03,938.4 acres Map Locatid Frimary Threats Agricultural practices Impoundments/stream mod Mining practices  Common Name Barrens Topminnow Barrens Darter Bluemask or Jewel D (a crayfish) idensis Allegheny Snaketail Cumberland Moccas Littlewing Pearlymus Cumberland Pigtoe Painted Creekshell is (a snail) Rugose Rocksnail  2,993.4 acres Mott Code: 1  1,317.8 acres Map Locatid Frimary Threats
AS Code Aq D005 ridg  Collins Riv A19 States Tennessee  System Targe AS Code Aq C009 sm D026 trar D029 Hig D030 Hig D030 Hig AS Colvin Mou	uatic System le and valley st  er  100.0%  hts  uatic System lal Highland Rim sitional stream hland Rim strea  100.0%	Subregions  A Subregions OUT NCP NCP - BUFF  In Description In rivers, origin in the second platams, some headwith arms  A Subregions SRV  A Subregions	53.0% 31.2% 15.8% he Cumber teau to High alters in pla	e: No Census 2000 Total Pop. 49 Pop./Sq. Mi.  land Plateau nland Rim teau sandstones  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.		Developed Water  # Occurrences 1 DU: Upper Cur Land Use/Lar Natural Agriculture Developed Water  # Occurrences 1 2 4 DU: Coosa Riv Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Agriculture	nberland River  nd Cover (1992 319,403.9 ac. 174,407.4 ac. 9,027.1 ac. 1,099.4 ac. 1,153.0 ac. 159.0 ac. 5.0 ac. 10d Cover (1992 1,163.0 ac. 1,065.0 ac. 242.2 ac.	3.6% 0.19 Sp EI AFA AFA AFA AFA AFA AFA AFA AFA AFA AF	GAP 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Scientific Na Etheostoma ditus Elimia striatula Total Ar Subsite Ar Management 7,951.2 ac. 3,245.7 ac. 3,245.7 ac. 3,245.7 ac. Cambarus prist Ophiogomphus Medionidus com Pegias fabula Pleurobema git Villosa taeniata Lithasia jayana Total Ar Subsite Ar Management Subsite Ar Management	mea: 50 Status 1.6% 0.6%   mee  mee  mee  mee  mee  mee  mee  m	Common Name Coldwater Darter File Elimia  03,938.4 acres Mott Code: 1  03,938.4 acres Map Locatid Frimary Threats Agricultural practices Impoundments/stream mod Mining practices  Common Name Barrens Topminnow Barrens Darter Bluemask or Jewel D (a crayfish) idensis Allegheny Snaketail Cumberland Moccas Littlewing Pearlymus Cumberland Pigtoe Painted Creekshell is (a snail) Rugose Rocksnail  2,993.4 acres Mott Code: 1  1,317.8 acres Map Locatid Frimary Threats
AS Code Aq D005 ridg  Collins Riv. A19 States Tennessee  System Targe AS Code Aq C009 sme D026 trar D029 Hig D030 Hig  Colvin Mou A20A States Alabama  A20B States Alabama	uatic System le and valley st  er  100.0%  hts  uatic System lal Highland Rim sitional stream hland Rim strea  100.0%	Subregions  A Subregions OUT NCP NCP - BUFF  In Description In rivers, origin in the second platams, some headwith arms  A Subregions SRV  A Subregions	53.0% 31.2% 15.8% he Cumber teau to High alters in pla	e: No Census 2000 Total Pop. 49 Pop./Sq. Mi.  land Plateau nland Rim teau sandstones  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.		Developed Water  # Occurrences 1 DU: Upper Cur Land Use/Lar Natural Agriculture Developed Water  # Occurrences 1 2 4 DU: Coosa Riv Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Land Use/Lar Natural Agriculture Developed Agriculture	nberland River  nd Cover (1992 319,403.9 ac. 174,407.4 ac. 9,027.1 ac. 1,099.4 ac. 1,153.0 ac. 159.0 ac. 5.0 ac. 10d Cover (1992 1,163.0 ac. 1,065.0 ac. 242.2 ac.	3.6% 0.19 Sp EI AF MLCD) 63.4% 34.6% 1.8% 0.29 Sp EI AF	GAP 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Scientific Na Etheostoma ditus Elimia striatula Total Ar Subsite Ar Management 7,951.2 ac. 3,245.7 ac. 3,245.7 ac. 3,245.7 ac. Cambarus prist Ophiogomphus Medionidus com Pegias fabula Pleurobema git Villosa taeniata Lithasia jayana Total Ar Subsite Ar Management Subsite Ar Management	mea: 50 Status 1.6% 0.6%   mee  mee  mee  mee  mee  mee  mee  m	Common Name Coldwater Darter File Elimia  03,938.4 acres Mott Code: 1  03,938.4 acres Map Locatid Frimary Threats Agricultural practices Impoundments/stream mod Mining practices  Common Name Barrens Topminnow Barrens Darter Bluemask or Jewel D (a crayfish) idensis Allegheny Snaketail Cumberland Moccas Littlewing Pearlymus Cumberland Pigtoe Painted Creekshell is (a snail) Rugose Rocksnail  2,993.4 acres Mott Code: 1  1,317.8 acres Map Locatid Frimary Threats

		_	EDU: Coosa Rive	CI			27,775.1 acres Mott Code: ME
A21	Action Sit						27,775.1 acres Map Location
States	Subregions	Census 2000		nd Cover (1992	NLCD)	GAP Management Status	
Alabama 100.0%	SRV 100.0%	Total Pop. 2,701	Natural	15,733.9 ac.	56.6%		Impoundments/stream modifie
		Pop./Sq. Mi. 62	Agriculture	7,469.2 ac.	26.9%		
			Water	3,718.5 ac.	13.4%		
			Developed	852.4 ac.	3.1%		
System Targets					Spec	cies Targets	
AS Code Aquatic System	n Description		# Occurrences			Code Scientific Name	Common Name #
	alley rivers, origin in Blue Rid	ne and Ridge and Valley	1			ASK210 Elimia bellula	Walnut Elimia
rico i largo riago una v	uncy mvoro, origin in blue ma	go ana raago ana vanoy	•			ASK240 Elimia haysiana	Silt Elimia
						ASK708 Pleurocera foremani	Rough Hornsnail
						ASK715 Pleurocera showalteri	Upland Hornsnail
					IIVIOA		•
Dead River Coosa/To	errapin Creek	E	DU: Coosa Rive	er		Total Area: 2	223,695.4 acres Mott Code: ME
A22A	Action Sit	e: No				Subsite Area:	40,531.3 acres Map Location
States	Subregions	Census 2000	Land Use/Lar	nd Cover (1992	NLCD)	GAP Management Status	
Alabama 100.0%	SRV 55.3%	Total Pop. 8,446	Natural	20,472.2 ac.	50.5%	<b>3</b>	Agricultural practices
,abaa 100.070	SCP 44.7%	Pop./Sq. Mi. 133	Agriculture	15,250.4 ac.	37.6%		Impoundments/stream modific
	3CF 44.1 /0	F Up./3q. IVII. 133	Water	2,819.8 ac.	7.0%		Mining practices
							willing practices
			Developed	1,989.4 ac.	4.9%		
A22B	Action Sit						83,164.0 acres Map Location
States	Subregions	Census 2000	Land Use/Lar	nd Cover (1992	NLCD)	GAP Management Status	Primary Threats
Alabama 96.1%	SRV 100.0%	Total Pop. 11,436	Natural	151,632.5 ac.	82.8%	3 19,464.7 ac. 10.6%	Agricultural practices
Georgia 3.9%		Pop./Sq. Mi. 40	Agriculture	24,869.4 ac.	13.6%	2 6,282.5 ac. 3.4%	
2.070			Developed	5,986.3 ac.	3.3%	1 4,300.7 ac. 2.3%	
			Water	674.5 ac.	0.4%	. 1,000.1 do. 2.070	
Custom Tour-4-				27 1.5 40.		sian Taurata	
System Targets	- December		# 0			cies Targets	0
AS Code Aquatic System	•		# Occurrences			Code Scientific Name	Common Name #
	alley rivers, origin in Blue Rid		1			QC0219 Etheostoma ditrema	Coldwater Darter
	lley rivers, origin in ridge and	valley	1			V03030 Amblema elliottii	Coosa Fiveridge
D002 ridge and valley st			1		IMBI\	V21010 Lampsilis altilis	Finelined Pocketbook
D041 transitional stream	s, Piedmont to Ridge and Val	lley	1		IMBI\	V21120 Lampsilis ornata	Southern Pocketbook
					IMBI\	V22011 Lasmigona complanata	alabamensis Alabama Heelsplitter
						V22050 Lasmigona holstonia	Tennessee Heelsplitter
						V35050 Pleurobema chattanoog	
						12E110 Plaurahama dagiaum	
						V35110 Pleurobema decisum	Southern Clubshell
					IMBI\	V35160 Pleurobema hanleyianu	m Georgia Pigtoe
					IMBI\	V35160 Pleurobema hanleyianu V39140 Quadrula rumphiana	m Georgia Pigtoe Ridged Mapleleaf
					IMBI\ IMBI\ IMBI\	V35160 Pleurobema hanleyianu V39140 Quadrula rumphiana V45020 Truncilla donaciformes	m Georgia Pigtoe
					IMBI\ IMBI\ IMBI\	V35160 Pleurobema hanleyianu V39140 Quadrula rumphiana	m Georgia Pigtoe Ridged Mapleleaf
					IMBI\ IMBI\ IMBI\	V35160 Pleurobema hanleyianu V39140 Quadrula rumphiana V45020 Truncilla donaciformes	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot
					IMBIN IMBIN IMBIN IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow
. Dog Bivar		F	FNII: Tennessee	a River-Blue Rid	IMBIN IMBIN IMBIN IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VSK211 Elimia bentoniensis VSK715 Pleurocera showalteri	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail
- Doe River			EDU: Tennessee	e River-Blue Rid	IMBIN IMBIN IMBIN IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Viliosa nebulosa ASK211 Elimia bentoniensis ASK715 Pleurocera showalteri  Total Area:	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC
A23	Action Sit	e: No			IMBI\ IMBI\ IMBI\ IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VSK211 Elimia bentoniensis VSK715 Pleurocera showalteri  Total Area: Subsite Area:	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location
A23 States	Subregions	e: No Census 2000	Land Use/Lar	nd Cover (1992	IMBIN IMBIN IMBIN IMGA IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VSK211 Elimia bentoniensis ASK715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats
A23	Subregions OUT 67.1%	e: No Census 2000 Total Pop. 16,731	Land Use/Lar	nd Cover (1992 81,442.4 ac.	IMBINIMBINIMBINIMBINIMGA	\( \sqrt{35160} \) \( Pleurobema hanleyianu. \( \sqrt{39140} \) \( \sqrt{0adrula rumphiana} \) \( \sqrt{47080} \) \( 71000000000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices
A23 States	Subregions	e: No Census 2000	Land Use/Lar	nd Cover (1992	IMBIN IMBIN IMBIN IMGA IMGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VSK211 Elimia bentoniensis ASK715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices
A23 States Tennessee 99.4%	Subregions OUT 67.1%	e: No Census 2000 Total Pop. 16,731	Land Use/Lar	nd Cover (1992 81,442.4 ac.	IMBINIMBINIMBINIMBINIMGA	\( \sqrt{35160} \) \( Pleurobema hanleyianu. \( \sqrt{39140} \) \( \sqrt{0adrula rumphiana} \) \( \sqrt{47080} \) \( 71000000000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
A23 States Tennessee 99.4%	OUT         67.1%           NRV - BUFF         30.2%	e: No Census 2000 Total Pop. 16,731	Land Use/Lar Natural Agriculture	nd Cover (1992 81,442.4 ac. 3,120.4 ac.	IMBIN IMBIN IMBIN IMGA IMGA IMGA 3.6%	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
States         99.4%           North Carolina         0.6%	OUT         67.1%           NRV - BUFF         30.2%	e: No Census 2000 Total Pop. 16,731	Land Use/Lar Natural Agriculture Developed	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
A23           States         Tennessee         99.4%           North Carolina         0.6%   System Targets	Subregions           OUT         67.1%           NRV - BUFF         30.2%           NRV         2.6%	e: No Census 2000 Total Pop. 16,731	Land Use/Lar Natural Agriculture Developed Water	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
A23           States         Tennessee         99.4%           North Carolina         0.6%    System Targets  AS Code Aquatic System	Subregions           OUT         67.1%           NRV - BUFF         30.2%           NRV         2.6%	Census 2000 Total Pop. 16,731 Pop./Sq. Mi. 122	Land Use/Lar Natural Agriculture Developed Water	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
A23           States           Tennessee         99.4%           North Carolina         0.6%           System Targets           AS Code         Aquatic System D039           transitional stream	Subregions           OUT         67.1%           NRV - BUFF         30.2%           NRV         2.6%   n Description s, Blue Ridge to Ridge and V	Census 2000 Total Pop. 16,731 Pop./Sq. Mi. 122	Land Use/Lar Natural Agriculture Developed Water	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
A23           States         Tennessee         99.4%           North Carolina         0.6%    System Targets  AS Code Aquatic System	Subregions           OUT         67.1%           NRV - BUFF         30.2%           NRV         2.6%   n Description s, Blue Ridge to Ridge and V	Census 2000  Total Pop. 16,731  Pop./Sq. Mi. 122	Land Use/Lar Natural Agriculture Developed Water	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \) \( \)	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location primary Threats Agricultural practices Incompatible forestry practice
North Carolina   99.4%	Subregions	Census 2000 Total Pop. 16,731 Pop./Sq. Mi. 122  alley	Land Use/Lar Natural Agriculture Developed Water # Occurrences 3	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.	MBI\\   IMBI\\   IMBI\\   IMGA\\   IM	\( \frac{135160}{35160}  \text{Pleurobema hanleyianu.} \( \frac{133140}{30140}  \text{Quadrula rumphiana} \\ \frac{145020}{447080}  \text{Villosa nebulosa} \\ \frac{147080}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{488715}  \text{Pleurocera showalteri} \\ \frac{1814}{18880}  \text{aca:}  \text{Subsite Area:} \\ \frac{1889}{18880}  \text{aca:}  \text{18.5} \\ \frac{1}{2}  \text{181.7}  \text{ac.}  \text{1.3} \\ \frac{181.7}{2}  \text{ac.}  \text{1.3} \\ \frac{181.7}{2}  \text{ac.}  \text{1.3} \\ \text{cies Targets} \end{align*}	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development
A23           States           Tennessee         99.4%           North Carolina         0.6%    System Targets  AS Code Aquatic System  D039 transitional stream  Duck Springs/Little  A24	Subregions	re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.	MBI\   MBI\   MBI\   MBI\   MGA	\( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Quadrula rumphiana \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( \frac{1450200}{2} \) \( 1450200000000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
A23           States           Tennessee         99.4%           North Carolina         0.6%    System Targets  AS Code Aquatic Systen  D039 transitional stream  Duck Springs/Little  A24  States	Subregions	Re: No  Census 2000  Total Pop. 16,731  Pop./Sq. Mi. 122  alley  Exe: No  Census 2000	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MGA	\( \frac{135160}{35160}  \text{Pleurobema hanleyianu.} \( \frac{133140}{30140}  \text{Quadrula rumphiana} \\ \frac{145020}{447080}  \text{Villosa nebulosa} \\ \frac{147080}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{47080}  \text{Villosa nebulosa} \\ \frac{18715}{488715}  \text{Pleurocera showalteri} \\ \frac{1814}{18880}  \text{aca:}  \text{Subsite Area:} \\ \frac{1889}{18880}  \text{aca:}  \text{18.5} \\ \frac{1}{2}  \text{181.7}  \text{ac.}  \text{1.3} \\ \frac{181.7}{2}  \text{ac.}  \text{1.3} \\ \frac{181.7}{2}  \text{ac.}  \text{1.3} \\ \text{cies Targets} \end{align*}	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
A23           States           Tennessee         99.4%           North Carolina         0.6%    System Targets  AS Code Aquatic System  D039 transitional stream  Duck Springs/Little  A24	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er and Cover (1992 1,673.4 ac.	IMBI\   IMBI\   IMBI\   IMBI\   IMBI\   IMGA   IM	\( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Quadrula rumphiana \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( \frac{1450200}{2} \) \( 1450200000000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
A23           States           Tennessee         99.4%           North Carolina         0.6%           System Targets           AS Code         Aquatic Systen           D039         transitional stream           Duck Springs/Little           A24         States	Subregions	Re: No  Census 2000  Total Pop. 16,731  Pop./Sq. Mi. 122  alley  Exe: No  Census 2000	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural Agriculture	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac.	IMBI\\   IMBI\\   IMBI\\   IMBI\\   IMBI\\   IMGA\\   I	\( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Quadrula rumphiana \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( \frac{1450200}{2} \) \( 1450200000000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
A23           States           Tennessee         99.4%           North Carolina         0.6%           System Targets           AS Code         Aquatic Systen           D039         transitional stream           Duck Springs/Little           A24         States	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er and Cover (1992 1,673.4 ac.	IMBI\   IMBI\   IMBI\   IMBI\   IMBI\   IMGA   IM	\( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Pleurobema hanleyianu. \( \frac{135160}{2} \) \( Quadrula rumphiana \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{145020}{2} \) \( Truncilla donaciformes \) \( \frac{14502}{2} \) \( 14502	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural Agriculture	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac.	IMBI\\   IMBI\\   IMBI\\   IMBI\\   IMBI\\   IMGA\\   I	\( \frac{35160}{2} \) \( Pleurobema hanleyianu, \( \frac{35160}{3} \) \( Pleurobema hanleyianu, \( \frac{35160}{3} \) \( Quadrula rumphiana \) \( \frac{45020}{45020} \) \( \frac{7700}{77000000000000000000000000000000	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3 EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VSK211 Elimia bentoniensis VSK715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 1.3%  Cies Targets	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Map Location s Primary Threats	
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural Agriculture	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKC11 Elimia bentoniensis VKK715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 1.3%  Cies Targets  Cies Targets  Code Scientific Name	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME  2,186.8 acres Map Location Primary Threats  Common Name	
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  Exe: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er ad Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKC11 Elimia bentoniensis VKC15 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location Primary Threats Common Name
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  Exe: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3 EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er ad Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKC11 Elimia bentoniensis VKC15 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME  2,186.8 acres Map Location Primary Threats  Common Name
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er ad Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MGA	V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V45020   Villosa nebulosa   SKZ11   Elimia bentoniensis   SKK715   Pleurocera showalteri	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Map Location Primary Threats  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location Primary Threats  Common Name Southern Cavefish 881,160.2 acres Mott Code:
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  Ee: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive  Land Use/Lar Natural Agriculture Developed  # Occurrences 1  # Occurrences	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160 Pleurobema hanleyianu. V35140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKC11 Elimia bentoniensis VKC15 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Code Scientific Name A0401 Typhlichthys subterrane  Total Area: 9  Subsite Area: 9  Subsite Area: 9	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats Common Name Southern Cavefish 881,160.2 acres Mott Code: Map Location	
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  Re: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rivi Land Use/Lar Natural Agriculture Developed  # Occurrences	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKR11 Elimia bentoniensis VKR715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  Cies Targets  Total Area:  Subsite Area: GAP Management Status 2 1,191.7 ac. 1.3%  Cies Targets  Cies Ta	Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Map Location Primary Threats  Common Name Southern Cavefish  881,160.2 acres Mott Code:  881,160.2 acres Map Location Primary Threats	
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan Natural Land Use/Lar Natural Natural	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awha/Guyandot  nd Cover (1992 919,933.6 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   Villosa	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats  Common Name Southern Cavefish 181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats
North Carolina   99.4%	Subregions	Re: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  Re: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3 EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1 EDU: Lower Kan  Land Use/Lar Natural Agriculture	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac. awha/Guyandot nd Cover (1992 919,933.6 ac. 39,445.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160 Pleurobema hanleyianu. V39140 Quadrula rumphiana V45020 Truncilla donaciformes V47080 Villosa nebulosa VKK715 Pleurocera showalteri  Total Area:  Subsite Area:  GAP Management Status 3 16,183.9 ac. 18.5% 1 2,485.2 ac. 2.8% 2 1,181.7 ac. 1.3%  cies Targets  Total Area:  Subsite Area: GAP Management Status 2 1,191.7 ac. 1.3%  cies Targets  Cies	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats  Common Name Southern Cavefish 181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan Natural Land Use/Lar Natural Natural	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   Villosa	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats  Common Name Southern Cavefish 181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats
North Carolina   99.4%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3 EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1 EDU: Lower Kan  Land Use/Lar Natural Agriculture	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   Villosa	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats  Common Name Southern Cavefish 181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats
States Tennessee 99.4% North Carolina 0.6%  System Targets AS Code Aquatic System D039 transitional stream Duck Springs/Little  A24 States Alabama 100.0%  System Targets AS Code Aquatic System D004 ridge and valley stridge	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Natural Agriculture Developed	nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac. er d Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac. awha/Guyandot nd Cover (1992 919,933.6 ac. 39,445.9 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   SKZ11   Elimia bentoniensis   SKX715   Pleurocera showalteri   Total Area:   Subsite Area:   GAP Management Status   3   16,183.9   ac.   18.5%   1   2,485.2   ac.   2.8%   2   1,181.7   ac.   1.3%   2.485.2   ac.   2.8%   2   1,181.7   ac.   1.3%   Cies Targets   Total Area:   Subsite Area:   GAP Management Status   GAP Management Status   GAP Management Status   3   41,669.7   ac.   4.2%   2   19,554.8   ac.   2.0%	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC 87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location s Primary Threats  Common Name Southern Cavefish 181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats	
States Tennessee 99.4% North Carolina 0.6%  System Targets AS Code Aquatic Systen D039 transitional stream Duck Springs/Little  A24 States AB Code Aquatic Systen D039 transitional stream Duck Springs/Little  A24 States AS Code Aquatic Systen D004 ridge and valley stridge and val	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed Water	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   Vil	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location Primary Threats Common Name Southern Cavefish 181,160.2 acres Mott Code: 181,160.2 acres Mott Code: 181,160.2 acres Map Location S Primary Threats	
North Carolina   0.6%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038 Pop./Sq. Mi. 40	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Natural Agriculture Developed	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160   Pleurobema hanleyianun   V39140   Quadrula rumphiana   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   SK211   Elimia bentoniensis   SK715   Pleurocera showalteri     Total Area:   Subsite Area:   GAP Management Status   3	Residential development  Common Name  Common Name  Resided Map Location  Residential development  Common Name  Residential development  Common Name  Residential development  Common Name  Residential development  Common Name	
North Carolina   0.6%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038 Pop./Sq. Mi. 40	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed Water	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   Vil	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail 87,619.6 acres Mott Code: TC 87,619.6 acres Map Location Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location Primary Threats Common Name Southern Cavefish 181,160.2 acres Mott Code: 181,160.2 acres Mott Code: 181,160.2 acres Map Location S Primary Threats	
North Carolina   0.6%	Subregions	E: No  Census 2000  Total Pop. 16,731 Pop./Sq. Mi. 122  alley  E: No  Census 2000  Total Pop. 106 Pop./Sq. Mi. 31  E: Yes  Census 2000  Total Pop. 61,038 Pop./Sq. Mi. 40	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan  Land Use/Lar Natural Agriculture Developed Water	er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160   Pleurobema hanleyianun   V39140   Quadrula rumphiana   V45020   Truncilla donaciformes   V47080   Villosa nebulosa   SK211   Elimia bentoniensis   SK715   Pleurocera showalteri     Total Area:   Subsite Area:   GAP Management Status   3	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME  2,186.8 acres Map Location s Primary Threats  Common Name ### Southern Cavefish  181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats  Common Name  Common Name ### Southern Cavefish  181,160.2 acres Map Location s Primary Threats
North Carolina	Subregions	Census 2000	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan Land Use/Lar Natural Agriculture Developed  # Occurrences 1   er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA   MGA	V35160   Pleurobema hanleyianu,   V35140   Quadrula rumphiana   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V45020   Truncilla donaciformes   V45020   Villosa nebulosa   Villosa   Villosa nebulosa   V	Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location Frimary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME 2,186.8 acres Map Location Frimary Threats  Common Name Southern Cavefish  881,160.2 acres Mott Code:  881,160.2 acres Map Location Frimary Threats  Common Name Figure Southern Cavefish  Residential Code:  Common Name Figure Southern Cavefish  Common Name	
North Carolina	Subregions	Census 2000	Land Use/Lar Natural Agriculture Developed Water  # Occurrences 3  EDU: Coosa Rive Land Use/Lar Natural Agriculture Developed  # Occurrences 1  EDU: Lower Kan Land Use/Lar Natural Agriculture Developed  # Occurrences 1   er  nd Cover (1992 81,442.4 ac. 3,120.4 ac. 2,974.8 ac. 81.5 ac.  er  nd Cover (1992 1,673.4 ac. 508.5 ac. 4.9 ac.  awwha/Guyandot  nd Cover (1992 919,933.6 ac. 39,445.9 ac. 16,633.1 ac.	MBIN   MBIN   MBIN   MBIN   MBIN   MBIN   MGA    V35160   Pleurobema hanleyianu,	m Georgia Pigtoe Ridged Mapleleaf Fawnsfoot Alabama Rainbow Rusty Elimia Upland Hornsnail  87,619.6 acres Mott Code: TC  87,619.6 acres Map Location s Primary Threats Agricultural practices Incompatible forestry practice Residential development  2,186.8 acres Mott Code: ME  2,186.8 acres Map Location s Primary Threats  Common Name ### Southern Cavefish  181,160.2 acres Mott Code:  181,160.2 acres Map Location s Primary Threats  Common Name  Common Name ### Southern Cavefish  181,160.2 acres Map Location s Primary Threats		

26 - Emory River		-	DII: Tannassa	ee River-Cumberl	and Plate	211	Total Area:	540 5	874.7 acres Mott Code:	TCR020
A26	Action Sit		DO. Termesse	ce raver-oumben	and i late	au	Subsite Area:		874.7 acres Map Locat	
States	Subregions	Census 2000	Land Hea/La	and Cover (1992	NI CD)	GADA	Management Stat		Primary Threats	1011. 112
Tennessee 100.0%	NCP 75.8%	Total Pop. 62,967	Natural	480,231.4 ac.	87.3%		,761.7 ac. 16.1		Impoundments/stream mo	dification
100.070	CM 23.6%	Pop./Sq. Mi. 73	Agriculture	58,385.2 ac.	10.6%		,855.7 ac. 1.8		Mining practices	<u>ameanor</u> i
	NRV 0.7%	, op., oq	Developed	8,573.0 ac.	1.6%	_ 0	,000.7 40. 7.0	_	Oil & natural gas drilling	
	14144 0.770		Water	2,683.9 ac.	0.5%			E	on a natarar gao arming	
System Targets				,		ies Tar	note			
AS Code Aquatic System	n Description		# Occurrences		El. C		Scientific Name		Common Name	# Pops
	alley River, origin in the Cumb	harland Plateau	# Occurrence	1			Cryptobranchus alleg	anionei		# 1 Op.
	Plateau rivers, in moderate e		d Plateau :	2			Phoxinus tennesseen		Tennessee Dace	
-	tain, plateau streams	iovacon, onginin oumbonan		6			Cyprinella monacha	1010	Spotfin Chub	
	itain, plateau streams			1			Etheostoma cinereun	n	Ashy Darter	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			_	AFCC	QC02A1	Etheostoma vulneratu	um	Wounded Darter	
					AFCC	QC0402	Percina aurantiaca		Tangerine Darter	
					AFCC	QC0412	Percina macrocephal	la	Longhead Darter	
					IMBI	/17020	Fusconaia barnesiana	а	Tennessee Pigtoe	
							Villosa perpurpurea		Purple Bean	
					IMBI\	/47140	Villosa trabalis		Cumberland Bean	
27 - Fivemile Creek		E	DU: Upper Bla	ack Warrior River			Total Area:	10,0	618.0 acres Mott Code:	MBB079
A27	Action Sit	e. No					Subsite Area:	10 (	618.0 acres Map Locat	ion: O1
States	Subregions	Census 2000	Land Use/La	and Cover (1992	NLCD)	GAP N	Management Stat		•	
Alabama 100.0%	SRV 100.0%	Total Pop. 5,943	Natural	7,475.2 ac.	70.4%	"				
		Pop./Sq. Mi. 358	Agriculture	2,411.9 ac.	22.7%					
			Developed	718.4 ac.	6.8%					
			Water	12.3 ac.	0.1%					
System Targets					Spec	ies Tar	aets			
3					EI. C		Scientific Name		Common Name	# Pops
					AFC4		Cottus sp.		Fivemile Sculpin	
					AFCJ	IB5203	Lythrurus bellus alegi	notus	Pretty Shiner	
					AFCC	QC02X8	Etheostoma bellator		Warrior Darter	
28 - Flint River		Е	DU: Lower Te	nnessee River			Total Area:	361.3	313.0 acres Mott Code:	TCB033
A28	Action Sit									
AZO	ACTION SIL									
	Subregions		I and I se/I a	and Cover (1992	NI CD)	GAPI	Subsite Area:		313.0 acres Map Locat	ion: wre
States	Subregions SCP 39.9%	Census 2000		and Cover (1992 197.243.7 ac.			Management Stat	tus F	Primary Threats	ion: wre
States Alabama 77.8%	SCP 39.9%	Census 2000 Total Pop. 72,624	Land Use/La Agriculture Natural	197,243.7 ac.	54.6%			tus F	Primary Threats Agricultural practices	
States Alabama 77.8%	SCP 39.9%	Census 2000 Total Pop. 72,624	Agriculture				Management Stat	tus F 6% /	Primary Threats	
States Alabama 77.8%	SCP 39.9% OUT 30.3%	Census 2000 Total Pop. 72,624	Agriculture Natural	197,243.7 ac. 158,305.7 ac.	54.6% 43.8%		Management Stat	tus F 6% /	Primary Threats Agricultural practices Impoundments/stream mo	
States Alabama 77.8% Tennessee 22.2%	SCP 39.9% OUT 30.3%	Census 2000 Total Pop. 72,624	Agriculture Natural Developed	197,243.7 ac. 158,305.7 ac. 4,147.0 ac.	54.6% 43.8% 1.1% 0.4%	2 2	Management Stat ,077.1 ac. 0.6	tus F 6% /	Primary Threats Agricultural practices Impoundments/stream mo	
States           Alabama         77.8%           Tennessee         22.2%   System Targets	SCP         39.9%           OUT         30.3%           SCP - BUFF         29.8%	Census 2000 Total Pop. 72,624	Agriculture Natural Developed	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%	2 2	Management Stat ,077.1 ac. 0.6 gets	tus F 6% /	Primary Threats Agricultural practices Impoundments/stream mo	odification
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System	SCP         39.9%           OUT         30.3%           SCP - BUFF         29.8%	Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec	2 2	Management Stat 1,077.1 ac. 0.6 gets Scientific Name	tus F	Primary Threats Agricultural practices Impoundments/stream mo Residential development	odification
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir	SCP         39.9%           OUT         30.3%           SCP - BUFF         29.8%	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec El. C	2 2	Management Stat ,077.1 ac. 0.6 gets	tus F 6% A I F	Primary Threats Agricultural practices Impoundments/stream mc Residential development Common Name	odification
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec El. C AFCC AFCC	2 2 cies Tar Code QC0208 QC0282	Management Stat ,077.1 ac. 0.6 gets Scientific Name Etheostoma boschun,	tus F 6% A I F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter	# Pops
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec El. C AFCC AFCC IMBIV	2 2 cies Tar Code QC0208 QC0282 /02110	Management Stat ,077.1 ac. 0.6  gets Scientific Name Etheostoma boschun Etheostoma tuscumb	tus F 6% A I I F	Primary Threats Agricultural practices Impoundments/stream mo Residential development  Common Name Slackwater Darter Tuscumbia Darter	# Pop
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec EI. C AFCC AFCC IMBIN IMBIN	2 2  cies Tar  Code  QC0208  QC0282  //02110  //17020  //17050	gets Scientific Name Etheostoma boschun, Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiani Fusconaia cuneolus	tus F 6% A II F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe	# Pops
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC IMBIN IMBIN IMBIN IMBIN	2 2  cies Tan  code  QC0208  QC0282  /02110  /17020  /17050  /35090	gets Scientific Name Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiani Fusconaia cunedus Pleurobema cordatum	tus F 5% A II F Igi ia	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe	# Pop:
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec El. C AFCC AFCC IMBI\ IMBI\ IMBI\ IMBI\ IMBI\	2 2  cies Tar  Code  QC0208  QC0282  /02110  /17020  /17050  /35090  /35220	gets Scientific Name Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesian Fusconaia cuneolus Pleurobema cordatun Pleurobema oviforme	tus F 5% A II F Igi ia	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Ohio Pigtoe Tennessee Clubshe	# Pop
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN	2 2  cies Tar  code  QC0208  QC0282  /02110  /17020  /17050  /35090  /35220  /47080	gets Scientific Name Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia cuneolus Pleurobema cordatum Pleurobema oviforme Villosa nebulosa	gi ia	Primary Threats Agricultural practices Impoundments/stream mo Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Tennessee Clubshe Alabama Rainbow	# Pop
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla	Census 2000           Total Pop.         72,624           Pop./Sq. Mi.         129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN	2 2  cies Tar.  Code  QC0208  QC0282  /02110  /17020  /17050  /35090  /47080  /47152	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Evensian barnesian Fusconaia barnesian Fusconaia cuneolus Pleurobema cordatume Villosa nebulosa Villosa vanuxemensis	tus F 6% A I I I I I I I I I I I I I I I I I I I	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell	# Pop
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rin D021 ridge and valley st D030 Highland Rim street	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC IMBIN	2 2  cies Tar.  Code  QC0208  QC0282  /02110  /17020  /17050  /35090  /47080  /47152	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesian Fusconaia cuneolus Pleurobema oviforme Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor	tus F 6% A II I I I I I I I I I I I I I I I I I	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg	# Pop
States           Alabama         77.8%           Tennessee         22.2%           System Targets           AS Code         Aquatic System           C010         small Highland Rir           D021         ridge and valley st	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129	Agriculture Natural Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC IMBIN	2 2  cies Tar.  Code  QC0208  QC0282  /02110  /17020  /17050  /35090  /47080  /47152	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Pleurobema oviforme Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area:	FE Solution of the state of the	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg  782.5 acres Mott Code:	# Pop
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir D021   ridge and valley st D030   Highland Rim street     D030	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129  m teau sandstones	Agriculture Natural Developed Water  # Occurrences	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% 0.4% EI. C AFCC AFCC MBIN IMBIN	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Fusconaia barnesian Fusconaia barnesian Fusconaia cuneolus Pleurobema oviforma Pleurobema oviforma Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area:	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg 782.5 acres Mott Code: 299.0 acres Map Locate	# Pop:
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim stress  48 Code Aquatic System C010 small Highland Rim stress  49 - Guyandotte River tri  429A  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129  m teau sandstones  Ee: No Census 2000	Agriculture Natural Developed Water  # Occurrences  # Du: Lower Ka	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.	54.6% 43.8% 1.1% 0.4% Spec EL C AFCC AFCC MBIN IMBIN	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Pleurobema oviforme Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area:	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg 782.5 acres Mott Code: 299.0 acres Map Locate	# Pops
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir D021   ridge and valley st D030   Highland Rim street     D030	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129  m teau sandstones  Ee: No Census 2000  Total Pop. 1,285	Agriculture Natural Developed Water  # Occurrences  # Lower Ka  Land Use/La  Natural	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 8 1 1 2 2 2 26,627.4 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIV IMBIV	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Fusconaia barnesian Fusconaia barnesian Fusconaia cuneolus Pleurobema oviforma Pleurobema oviforma Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area:	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg 782.5 acres Mott Code: 299.0 acres Map Locate	# Pops
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim stress  48 Code Aquatic System C010 small Highland Rim stress  49 - Guyandotte River tri  429A  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129  m teau sandstones  Ee: No Census 2000	Agriculture Natural Developed Water  # Occurrences  # Lower Ka  Land Use/La Natural Agriculture	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 81 1 1 2 2 2 26,627.4 ac. 395.4 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Fusconaia barnesian Fusconaia barnesian Fusconaia cuneolus Pleurobema oviforma Pleurobema oviforma Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area:	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg 782.5 acres Mott Code: 299.0 acres Map Locate	# Pop:
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim stress  48 Code Aquatic System C010 small Highland Rim stress  49 - Guyandotte River tri  429A  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions	Census 2000  Total Pop. 72,624 Pop./Sq. Mi. 129  m teau sandstones  Ee: No Census 2000  Total Pop. 1,285	Agriculture Natural Developed Water  # Occurrences  # Land Use/La Natural Agriculture Developed	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 10,015.3 ac. 11,015.3 ac. 11,015.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC IMBIN IMB	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Fusconaia barnesian Fusconaia barnesian Fusconaia cuneolus Pleurobema oviforma Pleurobema oviforma Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area:	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg 782.5 acres Mott Code: 299.0 acres Map Locate	# Pop
States   Alabama	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions CM 100.0%	Total Pop.   72,624   Pop./Sq. Mi.   129	Agriculture Natural Developed Water  # Occurrences  # Lower Ka  Land Use/La Natural Agriculture	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 81 1 1 2 2 2 26,627.4 ac. 395.4 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  cies Tar  code  QC0208  QC02082  //02110  //17020  //17050  //35090  //35220  //47080  //47152  kSJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma boschun Pleurobema cordatun Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area: Management Stat	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Prinerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow ans Coosa Creekshell Moss Pyrg  782.5 acres Mott Code: 299.0 acres Map Locat Primary Threats	# Pop
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir D021   ridge and valley st D030   Highland Rim street States     Yest Virginia   100.0%     A29B	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit  Subregions CM 100.0%  Action Sit	Total Pop.   72,624   Pop./Sq. Mi.   129	# Occurrences  # Occurrences  # Land Use/La Natural Agricultura Agricultura Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 11 12 20,627.4 ac. 395.4 ac. 264.4 ac. 12.4 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47152  ASJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Fleuroberna oviforna Fusconaia cuneolus Fusconaia barnesiana	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pop
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim street  Page States West Virginia 100.0%  A29B States  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions  CM 100.0%  Action Sit Subregions	Total Pop.   72,624	# Occurrences  # Occurrences  # Land Use/La Agriculture Developed  Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 11 12 20 11 12 21 12 21 21 22 23 24 24 26 26 27 24 26 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20	54.6% 43.8% 1.1% 0.4% 0.4% Spec EL. C AFCC AFCC AFCC MBIN IMBIN IMGA tte Rivers  NLCD) 97.5% 1.4% 1.0%	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47152  ASJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma boschun Pleurobema cordatun Villosa nebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area: Management Stat	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pop
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir D021   ridge and valley st D030   Highland Rim street States     Yest Virginia   100.0%     A29B	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit  Subregions CM 100.0%  Action Sit	Total Pop.   72,624   Pop./Sq. Mi.   129     129	# Occurrences  # Occurrences  # Land Use/La Natural Agriculture Developed Water  Land Use/La Natural Agriculture Land Use/La Natural Agriculture Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 11 12 20 20,627.4 ac. 395.4 ac. 264.4 ac. 12.4 ac. 21.4 ac. 21.4 ac. 21.4 ac. 21.4 ac. 21.4 ac. 21.4 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIN IMBIN	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47152  ASJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Fleuroberna oviforna Fusconaia cuneolus Fusconaia barnesiana	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pop:
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim street  Page States West Virginia 100.0%  A29B States  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions  CM 100.0%  Action Sit Subregions	Total Pop.   72,624	# Occurrences  # Occurrences  # Occurrences  # Land Use/La Natural Agriculture Developed Water  Land Use/La Natural Agriculture Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 11 12 20 and Cover (1992 26,627.4 ac. 395.4 ac. 264.4 ac. 12.4 ac. 12.4 ac. 479.0 ac.	54.6% 43.8% 1.1% 0.4%  Spec EI. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47182  ASJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Fleuroberna oviforna Fusconaia cuneolus Fusconaia barnesiana	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pops
States Alabama 77.8% Tennessee 22.2%  System Targets AS Code Aquatic System C010 small Highland Rir D021 ridge and valley st D030 Highland Rim street  Page States West Virginia 100.0%  A29B States  States	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions  CM 100.0%  Action Sit Subregions	Total Pop.   72,624   Pop./Sq. Mi.   129     129	Agriculture Natural Developed Water  # Occurrences  # Occurrences  # Du: Lower Ka  Land Use/La  Natural Agriculture Developed Water  Land Use/La  Natural Agriculture Developed	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.  1,615.3 ac.  1,615.3 ac.  264.4 ac. 264.4 ac. 12.4 ac.  285.83.3 ac. 479.0 ac. 417.3 ac.	54.6% 43.8% 1.1% 0.4% 1.1% Spec EI. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47182  ASJ005	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Fleuroberna oviforna Fusconaia cuneolus Fusconaia barnesiana	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pops
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rin D021   ridge and valley st D030   Highland Rim strein States     West Virginia   100.0%     A29B   States     West Virginia   100.0%	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions  CM 100.0%  Action Sit Subregions	Total Pop.   72,624   Pop./Sq. Mi.   129     129	# Occurrences  # Occurrences  # Occurrences  # Land Use/La Natural Agriculture Developed Water  Land Use/La Natural Agriculture Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac. 1,615.3 ac. 11 12 20 and Cover (1992 26,627.4 ac. 395.4 ac. 264.4 ac. 12.4 ac. 12.4 ac. 479.0 ac.	54.6% 43.8% 1.1% 0.4% 1.1% Spec EI. C AFCC AFCC IMBIN	2 2  Cies Tar. Code QC0208 QC0282 QC0282 V17020 V17050 V35090 V35220 V47152 QSJ005  GAP N	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Pleurobema cordatume Villosa nebulosa Villosa vanuxemensia Pyrgulopsis scalarifor Total Area: Subsite Area: Management Stat	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pop:
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rir D021   ridge and valley st D030   Highland Rim street States     West Virginia   100.0%     A298	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions CM 100.0%  Action Sit Subregions CM 100.0%	Total Pop.   72,624   Pop./Sq. Mi.   129     129	# Occurrences  # Occurrences  # Occurrences  # Land Use/La Natural Agriculture Developed Water  Land Use/La Natural Agriculture Developed Agriculture Developed Water	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.  1,615.3 ac.  1,615.3 ac.  264.4 ac. 264.4 ac. 12.4 ac. 264.5 ac. 479.0 ac. 417.3 ac. 417.3 ac.	54.6% 43.8% 1.1% 0.4% 1.1% Spec El. C AFCC AFCC MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	2 2  Cies Tar  Code  QC0208  QC0282  (702110  /17020  /17050  /35090  /35220  /47152  ASJ005   GAP M	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Pleurobema cordatun Pleurobema cordatun Pleurobema vifusoa Villosa rebulosa Villosa vanuxemensis Pyrgulopsis scalarifor Total Area: Subsite Area: Management Stat	tus F F F S 33,4	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Prinerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Ala	# Pops  ion: E4
States   Alabama   77.8%     Tennessee   22.2%     System Targets     AS Code   Aquatic System C010   small Highland Rin D021   ridge and valley st D030   Highland Rim strein States     West Virginia   100.0%     A29B   States     West Virginia   100.0%	SCP 39.9% OUT 30.3% SCP - BUFF 29.8%  In Description In rivers, origin in Highland Rir reams, few headwaters in pla ams  Action Sit Subregions CM 100.0%  Action Sit Subregions CM 100.0%	Total Pop.   72,624   Pop./Sq. Mi.   129     129	Agriculture Natural Developed Water  # Occurrences  # Occurrences  # Du: Lower Ka  Land Use/La  Natural Agriculture Developed Water  Land Use/La  Natural Agriculture Developed	197,243.7 ac. 158,305.7 ac. 4,147.0 ac. 1,615.3 ac.  1,615.3 ac.  1,615.3 ac.  264.4 ac. 264.4 ac. 12.4 ac. 264.5 ac. 479.0 ac. 417.3 ac. 417.3 ac.	54.6% 43.8% 1.1% 0.4%  Spec EL. C AFCC AFCC AFCC MBIN IMBIN	2 2  Siles Tar Code QC0208 QC0282 (02110 /17020 /17050 /35090 /35220 /47080 GAP N  GAP N	gets Scientific Name Etheostoma boschun Etheostoma boschun Etheostoma boschun Etheostoma tuscumb Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Pleurobema cordatume Villosa nebulosa Villosa vanuxemensia Pyrgulopsis scalarifor Total Area: Subsite Area: Management Stat	tus F F F F F F F F F F F F F F F F F F F	Primary Threats Agricultural practices Impoundments/stream mc Residential development  Common Name Slackwater Darter Tuscumbia Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Ohio Pigtoe Tennessee Clubshe Alabama Rainbow Alab	# Pops ion: E4

- Hiwassee River cut-o		_						
	Off	E	DU: Tennessee	River-Blue Rid	ge		Total Area:	20,287.9 acres Mott Code: TCB
A30	Action Sit	te: No					Subsite Area:	20,287.9 acres Map Location:
States	Subregions	Census 2000		nd Cover (1992			Management Status	
Tennessee 95.1%	OUT 57.5%	Total Pop. 426	Natural	18,342.5 ac.	90.4%	3 1	4,354.6 ac. 70.8%	
North Carolina 4.9%	NRV - BUFF 34.5%	Pop./Sq. Mi. 13	Agriculture	1,119.2 ac.	5.5%			Impoundments/stream modification
	NRV 7.9%		Water	647.3 ac.	3.2%			
			Developed	177.9 ac.	0.9%			
System Targets						ies Ta	-	
AS Code Aquatic System			# Occurrences		EI. C		Scientific Name	Common Name # F
C012 small Blue Ridge ri	ivers, origin in Blue Ridge		1			B3106	Phoxinus tennesseensis	
							Percina burtoni	Blotchside Logperch
							Alasmidonta marginata	Elktoe
							Epioblasma florentina wa Fusconaia barnesiana	Tan Riffleshell Tennessee Pigtoe
							Fusconaia subrotunda	Longsolid
							Lexingtonia dolabelloides	
							Pleurobema oviforme	Tennessee Clubshell
						/47140	Villosa trabalis	Cumberland Bean
- Holly Creek		F	DU: Coosa Riv	er			Total Area:	72,651.8 acres Mott Code: MBB
	Action Cit			-				72,651.8 acres Map Location:
A31 States	Action Sit Subregions	Census 2000	Land Use/I ar	nd Cover (1992	NLCD)	GAP	Management Status	•
Georgia 100.0%	SRV - BUFF 51.3%	Total Pop. 11,910	Natural	63,975.1 ac.	88.1%		9,770.2 ac. 27.2%	
100.070	SRV 48.7%	Pop./Sq. Mi. 105	Agriculture	5,167.7 ac.	7.1%	1	106.0 ac. 0.1%	<u>-                                   </u>
			Developed	3,462.5 ac.	4.8%	2	16.5 ac. 0.0%	
			Water	47.0 ac.	0.1%		2.370	ı
System Targets			·	·		ies Ta	rgets	
AS Code Aquatic System	n Description		# Occurrences		El. C		Scientific Name	Common Name # F
	s, Blue Ridge to Ridge and V		1				Cyprinella caerulea	Blue Shiner
							Etheostoma trisella	Trispot Darter
					AFCC	QC0401	Percina antesella	Amber Darter
							Percina sp. cf. P. macroo	cephala Upland Bridled Darter
							Cambarus cymatilis	(a crayfish)
							Lampsilis altilis	Finelined Pocketbook
							Lasmigona holstonia	Tennessee Heelsplitter
							Medionidus acutissimus	Alabama Moccasinshell
							Medionidus parvulus	Coosa Moccasinshell
							Pleurobema georgianum	
							Ptychobranchus greenii	Triangular Kidneyshell S Alabama Creekmussel
							Strophitus conasaugensi Villosa nebulosa	Alabama Rainbow
						/47080 /47152		
Holston River above	Cherokee Lake	E	DU: Tennessee	e River-Ridge an	IMBIN	/47152	Villosa vanuxemensis un	nbrans Coosa Creekshell
- Holston River above			DU: Tennessee	e River-Ridge an	IMBIN		Villosa vanuxemensis un Total Area:	nbrans Coosa Creekshell 35,748.7 acres <b>Mott Code:</b> TCB
- Holston River above A32 States	Cherokee Lake  Action Sit Subregions			e River-Ridge an	IMBI\ nd Valley	/47152	Villosa vanuxemensis un Total Area:	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
A32	Action Sit	te: No		•	IMBI\ nd Valley	(47152 GAP	Total Area: Subsite Area:	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
A32 States	Action Sit	te: No Census 2000	Land Use/Lar	nd Cover (1992	IMBIV	(47152 GAP	Total Area: Subsite Area: Management Status	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
A32 States	Action Sit	te: No Census 2000 Total Pop. 8,668	Land Use/Lar	nd Cover (1992 20,101.4 ac.	IMBIV nd Valley NLCD) 56.2%	(47152 GAP	Total Area:  Subsite Area:  Management Status 4,571.5 ac. 12.8%	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
A32 States	Action Sit	te: No Census 2000 Total Pop. 8,668	Land Use/Lar Natural Agriculture	nd Cover (1992 20,101.4 ac. 11,283.1 ac.	MBIV nd Valley NLCD) 56.2% 31.6%	(47152 GAP	Total Area:  Subsite Area:  Management Status 4,571.5 ac. 12.8%	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
A32 States	Action Sit	te: No Census 2000 Total Pop. 8,668	Land Use/Lar Natural Agriculture Water	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4%	(47152 GAP	Villosa vanuxemensis un  Total Area:  Subsite Area:  Management Status 4,571.5 ac. 12.8%  638.8 ac. 1.8%	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%	Total Pop. 8,668 Pop./Sq. Mi. 155	Land Use/Lar Natural Agriculture Water	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4%	GAP 3 4	Villosa vanuxemensis un  Total Area:  Subsite Area:  Management Status 4,571.5 ac. 12.8%  638.8 ac. 1.8%	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
System Targets AS Code Aquatic System B001 medium Ridge and	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155	Land Use/Lan Natural Agriculture Water Developed  # Occurrences	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac.	NLCD) 56.2% 31.6% 6.8% 5.4%	GAP 3 4	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8% rgets	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats
System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac.	NLCD) 56.2% 31.6% 6.8% 5.4%	GAP 3 4	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8% rgets	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location:
System Targets AS Code Aquatic System B001 medium Ridge and - Holston River below  A33	Action Sit Subregions NRV 100.0%  In Description It Valley rivers, origin in the Bit Cherokee Dam Action Sit	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No	Land Use/Lar Natural Agriculture Water Developed # Occurrences 1 DU: Tennessee	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac.	MBIV.  NLCD)  56.2% 31.6% 6.8% 5.4%  Spec	GAP 3 4	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8% rgets Total Area: Subsite Area:	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats  35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location:
System Targets AS Code Aquatic System B001 medium Ridge and - Holston River below  A33 States	Action Sit Subregions NRV 100.0%  1 Description I Valley rivers, origin in the Bi Cherokee Dam Action Sit Subregions	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No Census 2000	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 EDU: Tennessee	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac.	MBI\(\text{MBI\(\text{Valley}}\)   1.6\(\text{Valley}\)   56.2\(\text{Valley}\)   31.6\(\text{Valley}\)   6.8\(\text{Valley}\)   5.4\(\text{Valley}\)   Spec	GAP  GAP  GAP	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats
System Targets AS Code Aquatic System B001 medium Ridge and - Holston River below  A33	Action Sit Subregions NRV 100.0%  In Description It Valley rivers, origin in the Bit Cherokee Dam Action Sit	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397	Land Use/Lan Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee Land Use/Lan Natural	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Special Valley	GAP 3 4	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8% rgets Total Area: Subsite Area:	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices
System Targets  AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States	Action Sit Subregions NRV 100.0%  1 Description I Valley rivers, origin in the Bi Cherokee Dam Action Sit Subregions	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No Census 2000	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. a River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  NLCD) 49.2% 39.6%	GAP  GAP  GAP	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modifica
System Targets  AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States	Action Sit Subregions NRV 100.0%  1 Description I Valley rivers, origin in the Bi Cherokee Dam Action Sit Subregions	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1] EDU: Tennessee  Land Use/Lar Natural Agriculture Water	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec	GAP  GAP  GAP	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices
System Targets AS Code Aquatic System B001 medium Ridge and - Holston River below A33 States Tennessee 100.0%	Action Sit Subregions NRV 100.0%  1 Description I Valley rivers, origin in the Bi Cherokee Dam Action Sit Subregions	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. a River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  NLCD) 49.2% 39.6% 7.2% 4.1%	GAP 3 4	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modifica
System Targets  AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States  Tennessee 100.0%  System Targets	Action Sit Subregions NRV 100.0%  In Description It Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  tue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  MLCD) 10.00 10	GAP 3 4 4 GAP 3	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modifica Residential development
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1] EDU: Tennessee  Land Use/Lar Natural Agriculture Water	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4%  MUCD) 49.2% 39.6% 7.2% 4.1%  Spec	GAP  GAP  GAP  GODE	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name #F
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  In Description It Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  MCD) 49.2% 39.6% 7.2% 4.1% Spec EL.C AFC4	GAP  GAP  GAP  GAP  GAP  GAP  GAP  GAP	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets Scientific Name Cottus baileyi	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name # B Black Sculpin
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBI\\   Spec   Spec	GAP 3 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name #F
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec MCD) 49.2% 39.6% 7.2% 4.1% Spec EL C AFCA AFCA AFCA	GAP 3 4 4 Cicies Ta  GAP 3 4 4 4 Cicies Ta	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  rgets  rgets  continuous particular particul	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificat Residential development  Common Name #F Black Sculpin Lake Sturgeon
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  MLCD) 56.2% 4.1% Spec EI. C AFCA AFCA AFCA AFCA AFCA	GAP  GAP  GAP  3  GAP  3  GAP  3  GAP  B0000  GAP  3  GAP  B0101  B4915	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name # F Black Sculpin Lake Sturgeon Paddlefish
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% MV Alley  NLCD) 49.2% 39.6% 7.2% 4.1%  Spec	GAP  3  GODE  GEO204  MA0101  B4915  GC0289	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Cottus baileyi Cottus baileyi Cotyprinella monacha	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificat Residential development  Common Name # F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN   Spec	GAP  GAP  GAP  GAP  GAP  GAP  GODE  GODE  GOODE  GO	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modifica Residential development  Common Name # F Black Sculpin Lake Sturgeon Paddlefish Spotin Chub Sharphead Darter Snail Darter
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN   MS   MS   MS   MS   MS   MS   MS   M	GAP  GAP  GAP  GAP  3  GAP  7  7  7  7  7  7  7  7  7  7  7  7  7	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name # Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter a Spectaclecase Tennessee Pigtoe
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	NLCD) 56.2% 31.6% 6.8% 5.4% Spec  MCD) 49.2% 39.6% 4.1% Spec EI. C AFCA AFCA AFCA AFCA AFCA AFCA AFCA AF	GAP  GAP  GAP  GAP  3  GAP  3  GAP  3  GAP  3  GAP  3  GAP  3  GAP  10  10  10  10  10  10  10  10  10  1	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia cor	as, notes acres ac
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  3 4  GAP  3 6 GAP  3 6 GAP  3 6 Code E0204 4 0101 18 84915 000289 008010 17/17020 7/17040 7/17120	Villosa vanuxemensis un Total Area: Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia cor Fusconaia subrotunda	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats  35,019.0 acres Mott Code: TCB 35,019.0 acres Map Location: Primary Threats  Agricultural practices Impoundments/stream modifica Residential development  Common Name #F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter Snail Darter Snail Darter Shiny Pigtoe Longsolid
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  GAP  GAP  GAP  GAP  GAP	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  rgets  Subsite Area: Management Status 113.8 ac. 0.3%  rgets  control of the subsite	as, 2003a Creekshell as, 748.7 acres Mott Code: TCB as, 748.7 acres Map Location: Primary Threats as, 2019.0 acres Mott Code: TCB as, 2019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name #F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter a Spectaclecase Tennessee Pigtoe Shiny Pigtoe Longsolid Pink Mucket
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  GAP  GAP  GAP  GODE	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia cor Fusconaia subrotunda Lampsilis abrupta Lasmigona holstonia	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificates Residential development  Common Name # F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter Spectaclecase Tennessee Pigtoe Shiny Pigtoe Longsolid Pink Mucket Tennessee Heelsplitter
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  3  GAP  10  10  10  10  10  10  10  10  10  1	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia subrotunda Lampsilis abrupta Lasmigona holstonia Plethobasus cicatricosus	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modificat Residential development  Common Name # F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter a Spectaclecase Tennessee Pigtoe Shiny Pigtoe Longsolid Pink Mucket Tennessee Heelsplitter White Wartyback
Name	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  GAP  3  GAP  3  GAP  3  GAP  3  GAP  3  GAP  3  GAP  10  GAP  10  10  10  10  10  10  10  10  10  1	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia subrotunda Lampsilis abrupta Lasmigona holstonia Plethobasus cicatricosus Plethobasus cicatricosus Plethobasus cyphyus	as, notes acres ac
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  GAP  GAP  GAP  GAP  GAP	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Cyprinella conditiona Cyprinella c	nbrans Coosa Creekshell 35,748.7 acres Mott Code: TCB 35,748.7 acres Map Location: Primary Threats 35,019.0 acres Map Location: Primary Threats Agricultural practices Impoundments/stream modifica Residential development  Common Name #F Black Sculpin Lake Sturgeon Paddlefish Spotfin Chub Sharphead Darter Snail Darter a Spectaclecase Tennessee Pigtoe Shiny Pigtoe Longsolid Pink Mucket Tennessee Heelsplitter White Wartyback Sheepnose Ohio Pigtoe
System Targets AS Code Aquatic System B001 medium Ridge and Holston River below  A33 States Tennessee 100.0%  System Targets AS Code Aquatic System Targets AS Code Aquatic System Targets AS Code Aquatic System	Action Sit Subregions NRV 100.0%  Description Valley rivers, origin in the Bit Cherokee Dam Action Sit Subregions NRV 100.0%	te: No  Census 2000  Total Pop. 8,668 Pop./Sq. Mi. 155  ue Ridge/Ridge and Valley  Ete: No  Census 2000  Total Pop. 6,397 Pop./Sq. Mi. 117	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1  DU: Tennessee  Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 20,101.4 ac. 11,283.1 ac. 2,440.1 ac. 1,923.4 ac. 2 River-Ridge and Cover (1992 17,216.7 ac. 13,856.9 ac. 2,505.1 ac.	MBIN	GAP  GAP  GAP  GAP  GAP  GAP  GODE	Villosa vanuxemensis un Total Area:  Subsite Area: Management Status 4,571.5 ac. 12.8% 638.8 ac. 1.8%  rgets  Total Area: Subsite Area: Management Status 113.8 ac. 0.3%  rgets  Scientific Name Cottus baileyi Acipenser fulvescens Polyodon spathula Cyprinella monacha Etheostoma acuticeps Percina tanasi Cumberlandia monodont Fusconaia barnesiana Fusconaia subrotunda Lampsilis abrupta Lasmigona holstonia Plethobasus cicatricosus Plethobasus cicatricosus Plethobasus cyphyus	as, notes acres ac

	owiear/ w	axahatchee Cre			DU: Coosa Ri	vei		Total Area:	344,887.3 acres <b>Mott Code:</b> ME
A34A			n Site: No					Subsite Area:	133,495.9 acres Map Location
States		Subregions	Census 2000			and Cover (1992		GAP Management Stat	
Alabama	100.0%	SRV 100.		18,040	Natural	116,138.8 ac.	87.0%		Agricultural practices
			Pop./Sq. Mi.	86	Agriculture	14,695.9 ac.	11.0%		Residential development
					Developed	1,806.1 ac.	1.4%		
					Water	854.9 ac.	0.6%		
A34B		Actio	n Site: No					Subsite Area:	105,518.5 acres Map Location
States		Subregions	Census 2000	)	Land Use/La	and Cover (1992	2 NLCD)	GAP Management Stat	us Primary Threats
Alabama	100.0%	SRV 100.	0% Total Pop.	11,068	Natural	94,838.1 ac.	89.9%	2 499.6 ac. 0.5	% Agricultural practices
			Pop./Sq. Mi.	67	Agriculture	8,736.4 ac.	8.3%		Residential development
					Developed	1,484.9 ac.	1.4%		
					Water	459.6 ac.	0.4%		
A34C		Actio	n Site: No					Subsite Area:	12,166.3 acres Map Location
States		Subregions	Census 2000	)	Land Use/La	and Cover (1992	2 NLCD)	GAP Management Stat	•
Alabama	100.0%	SRV 100.		963	Natural	8,395.5 ac.	69.0%	<b>g</b>	Agricultural practices
rudbarrid	.00.070	0.117	Pop./Sq. Mi.	51	Agriculture	3,626.0 ac.	29.8%		Residential development
			. op., oq. mi.	J.	Developed	128.4 ac.	1.1%		
					Water	17.3 ac.	0.1%		
424D		A	- Cita, No		, vator	17.5 dc.	J. 1 /0	C	11 210 C pares \$1 1
A34D			n Site: No		1 111 "		. NII	Subsite Area:	11,310.6 acres Map Location
States	100 -01	Subregions	Census 2000			and Cover (1992		GAP Management Stat	
Alabama	100.0%	SRV 100.		1,486	Natural	8,513.2 ac.	75.3%		Agricultural practices
			Pop./Sq. Mi.	84	Agriculture	2,334.6 ac.	20.6%		Residential development
					Developed	402.7 ac.	3.6%		
					Water	59.3 ac.	0.5%		
A34E		Action	n Site: No					Subsite Area:	14,469.1 acres Map Location
States		Subregions	Census 2000	)	Land Use/La	and Cover (1992	NLCD)	GAP Management Stat	
Alabama	100.0%	SRV 90.		3,497	Natural	12,071.2 ac.	83.4%	•	Agricultural practices
			5% Pop./Sq. Mi.	155	Agriculture	1,583.6 ac.	10.9%		Residential development
			- 1 1 1 1 1 1 1 1		Developed	795.5 ac.	5.5%		
					Water	19.8 ac.	0.1%		
124E		A 04! = -	n Site: No			70.0 40.	3,0	Subsite Area:	63 836 0 acres Man Logation
A34F				,	Land Has!!	and Cover (400)	NI CD		63,836.9 acres Map Location
States	100.00/	Subregions	Census 2000			and Cover (1992		GAP Management Stat	
Alabama	100.0%	SRV 100.		5,958	Natural	56,073.4 ac.	87.8%		Agricultural practices
			Pop./Sq. Mi.	60	Agriculture	5,061.2 ac.	7.9%		Residential development
					Developed	2,392.2 ac.	3.7%		
					Water	308.9 ac.	0.5%		
A34G			n Site: No					Subsite Area:	4,090.0 acres Map Location
States		Subregions	Census 2000			and Cover (1992		GAP Management Stat	
Alabama	100.0%	SRV 100.		274	Natural	3,323.8 ac.	81.3%		Agricultural practices
			Pop./Sq. Mi.	43	Agriculture	677.1 ac.	16.6%		Residential development
					Developed	78.8 ac.	1.9%		
					Water	9.8 ac.	0.2%		
System Target	ts						Spe	cies Targets	
AS Code Aqu		Description			# Occurrences	s		Code Scientific Name	Common Name #
	and valley str				2	2		QC02C3 Etheostoma sp. cf. E.	
		headwaters in limeston	es			1		V03030 Amblema elliottii	Coosa Fiveridge
								V21010 Lampsilis altilis	Finelined Pocketbook
								V35110 Pleurobema decisum	
								V35110 Pleurobema georgian	
								V38020 Ptychobranchus greei	
								V38020 Ptychobranchus greei V42010 Strophitus conasauge	9 3
								V47080 Villosa nebulosa	Alabama Rainbow
								ASE901 Tulotoma magnifica	Tulotoma Snail
								ASK210 Elimia bellula	Walnut Elimia
								ASK220 Elimia chiltonensis	Prune Elimia
								ASK511 Leptoxis taeniata	Painted Rocksnail
							IMG	ASK715 Pleurocera showalteri	Upland Hornsnail
						ver		Total Area:	132,489.7 acres Mott Code: ME
Little River	(Coosa)			E	DU: Coosa Ri	VCI		Total Alea.	
	(Coosa)	Action	n Site: No	E	DU: Coosa Ri	VCI			132 489 7 acres Man Location
A35	(Coosa)		1 Site: No				2 NI CD)	Subsite Area:	132,489.7 acres Map Location
Little River A35 States		Subregions	Census 2000	)	Land Use/La	and Cover (1992		Subsite Area: GAP Management Stat	us Primary Threats
A35 States Alabama	77.6%	Subregions SCP 95.	Census 2000 4% Total Pop.	7,567	Land Use/La	and Cover (1992 113,785.8 ac.	85.9%	Subsite Area: GAP Management Stat 2 4,779.1 ac. 3.6	us Primary Threats % Agricultural practices
A35 States		Subregions SCP 95.	Census 2000	)	Land Use/La Natural Agriculture	and Cover (1992 113,785.8 ac. 15,969.6 ac.	85.9% 12.1%	Subsite Area:           GAP Management Stat           2         4,779.1 ac.         3.6           1         142.8 ac.         0.1	us Primary Threats    Magnicultural practices     Residential development
A35 States Alabama	77.6%	Subregions SCP 95.	Census 2000 4% Total Pop.	7,567	Land Use/La Natural Agriculture Developed	and Cover (1992 113,785.8 ac. 15,969.6 ac. 2,042.8 ac.	85.9% 12.1% 1.5%	Subsite Area: GAP Management Stat 2 4,779.1 ac. 3.6	us Primary Threats    Magnicultural practices     Residential development
A35 States Alabama	77.6%	Subregions SCP 95.	Census 2000 4% Total Pop.	7,567	Land Use/La Natural Agriculture	and Cover (1992 113,785.8 ac. 15,969.6 ac.	85.9% 12.1%	Subsite Area:           GAP Management Stat           2         4,779.1 ac.         3.6           1         142.8 ac.         0.1	us Primary Threats    Magnicultural practices     Residential development
States Alabama Georgia	77.6% 22.4%	SCP 95. SRV 4.	Census 2000 4% Total Pop.	7,567	Land Use/La Natural Agriculture Developed	and Cover (1992 113,785.8 ac. 15,969.6 ac. 2,042.8 ac.	85.9% 12.1% 1.5% 0.5%	Subsite Area:           GAP Management Stat           2         4,779.1 ac.         3.6           1         142.8 ac.         0.1	us Primary Threats    Magnicultural practices     Residential development
A35 States Alabama	77.6% 22.4%	SCP 95. SRV 4.	Census 2000 4% Total Pop.	7,567 37	Land Use/La Natural Agriculture Developed	113,785.8 ac. 15,969.6 ac. 2,042.8 ac. 691.6 ac.	85.9% 12.1% 1.5% 0.5%	Subsite Area:  GAP Management Stat  2 4,779.1 ac. 3.6  1 142.8 ac. 0.1  3 4.0 ac. 0.0	us Primary Threats    Magnicultural practices     Residential development

Little Ri	iver (Tenness	ee River)	<u> </u>		E	DU: Tennessee	e River-Blue Rid	ge	Total Ar	ea: 22	1,164.2 acre	es Mott Code:	TCB
A36		A	ction Sit	e: No					Subsite Ar	ea: 22	1,164.2 acre	es Map Locati	on:
States		Subregions		Census 2000		Land Use/Lai	nd Cover (1992	NLCD) C	AP Management		Primary T	•	
Tenness	see 100.0%	NRV	44.7%	Total Pop. 7	3,958	Natural	166,653.7 ac.	75.4% 1	10,982.7 ac.	5.0%	Agricultura	Il practices	
North Ca	arolina 0.0%	NRV - BUFF	30.1%	Pop./Sq. Mi.	214	Agriculture	44,609.3 ac.	20.2%	8,203.0 ac.	3.7%	Industrial/r	nunicipal pollutio	n
		OUT	25.2%			Developed	9,584.9 ac.	4.3%		2.6%		l development	
						Water	316.2 ac.	0.1%					
System Ta	oranto								s Targets				
	Aquatic System	Description				# Occurrences		El. Cod		mo		Common Name	#
			in the Dive	Didea/Diadesant		# Occurrences							#
C003	small Ridge and Va		III (IIE DIUE	Riuge/Fieumoni					102 Acipenser fulve			ake Sturgeon  Tennessee Dace	
D003	ridge and valley str					!			106 Phoxinus tenne				
D040	transitional stream	s, Blue Ridge to R	lidge and Vi	alley		4			107 Phoxinus saylor			aurel Dace	
									0213 Etheostoma cin			Ashy Darter	
									02A1 Etheostoma vul			Nounded Darter	
								AFCQC	02X3 Etheostoma per	rcnurum		Duskytail Darter	
								AFCQC	0402 Percina aurantia	аса		Tangerine Darter	
								AFCQC	0404 Percina burtoni		E	Blotchside Logperch	
								AFCQC	)412 Percina macroc	ephala	L	onghead Darter	
								AFCQC	)429 Percina tanasi		5	Snail Darter	
								IMBIV02	110 Alasmidonta vir	idis	5	Slippershell Mussel	
									020 Fusconaia barn			Tennessee Pigtoe	
									050 Fusconaia cune			inerayed Pigtoe	
									110 Lampsilis abrup			Pink Mucket	
									020 Plethobasus co				بام
												Orangefoot Pimpleb	uK
									030 Plethobasus cy			Sheepnose	
									090 Pleurobema coi			Ohio Pigtoe	
									220 Pleurobema ovi			Tennessee Clubshe	I
								IMGASK	7?? Pleurocera unic	ale	(	a snail)	
Little W	ills Creek				E	DU: Coosa Riv	er		Total Ar	ea:	9,442.3 acre	es Mott Code:	MBI
A37			ction Sit	o. No					Subsite Ar	001	0.442.2 por	es Map Locati	
States		Subregions	iction Sit	Census 2000		Land Haaff as	nd Cover (1992	NI CD) C	SAP Management				JII.
Alabama	a 100.0%	SCP	100.0%	Total Pop.	346	Natural	7,436.8 ac.		AP Management	Status	Agricultura		
Alabama	100.0%	SCF	100.076	Pop./Sq. Mi.	23		1,980.2 ac.	78.8% 21.0%			Agricultura	ii practices	
				rop./3q. ivii.	23	Agriculture							
						Developed	24.7 ac.	0.3%					
System Ta	argets							Specie	s Targets				
								орос.с	o . a. goto				
AS Code	Aquatic System	Description				# Occurrences		El. Cod		me	(	Common Name	#
D004	ridge and valley str	reams				1	ck Warrior River	EI. Coo	le Scientific Na 211 Elimia bentonie	nsis	F	Rusty Elimia	
Locust F A38 States	ridge and valley str	reams  arrior  A Subregions	action Sit	Census 2000	E	DU: Upper Black	nd Cover (1992 419,265.6 ac.	EI. Coo	le Scientific Na	nsis ea: 58 ea: 58	9,889.9 acre 9,889.9 acre Primary T	Rusty Elimia es Mott Code: es Map Locati hreats	
Locust F	ridge and valley str	reams arrior	80.5% 19.5%		E	1 <b>DU:</b> Upper Blace		EI. Coo	le Scientific Na 211 Elimia bentonie Total Ar Subsite Ar	nsis ea: 58 ea: 58	9,889.9 acro 9,889.9 acro	Rusty Elimia es Mott Code: es Map Locati hreats Il practices	MBI
Locust F A38 States	ridge and valley str	arrior  A Subregions SCP	80.5%	Census 2000 Total Pop. 12	6,330	DU: Upper Blace  Land Use/Lane  Natural  Agriculture	nd Cover (1992 419,265.6 ac. 152,497.3 ac.	EI. Coo IMGASK NLCD) 0 71.1% 25.9%	le Scientific Na 211 Elimia bentonie Total Ar Subsite Ar	nsis ea: 58 ea: 58	9,889.9 acro 9,889.9 acro Primary To Agricultura	Rusty Elimia es Mott Code: es Map Locati hreats Il practices	MBI
Locust F A38 States Alabama	ridge and valley str	arrior  A Subregions SCP	80.5%	Census 2000 Total Pop. 12	6,330	Land Use/Land Natural Agriculture Developed	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 25.9% 2.2% 0.8%	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar GAP Management	nsis ea: 58 ea: 58	9,889.9 acro 9,889.9 acro Primary To Agricultura	Rusty Elimia es Mott Code: es Map Locati hreats Il practices	MBI
D004  Locust F  A38  States  Alabama	ridge and valley str	arrior  Subregions SCP SRV	80.5%	Census 2000 Total Pop. 12	6,330 137	Land Use/Land Natural Agriculture Developed	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK NLCD) 0 71.1% 25.9% 2.2% 0.8% Specie	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  GAP Management	ea: 58 ea: 58 Status	9,889.9 acro 9,889.9 acro Primary Ti Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices	on:
Locust F A38 States Alabama  System Ta AS Code	ridge and valley str Fork Black W. a 100.0%  argets  Aquatic System	A Subregions SCP SRV	80.5% 19.5%	Census 2000 Total Pop. 12 Pop./Sq. Mi.	6,330 137	DU: Upper Blad  Land Use/Lai  Natural  Agriculture  Developed  Water  # Occurrences	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	NLCD) 0 71.1% 25.9% 2.2% 0.8%  Specie El. Coc	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  S Targets  Be Scientific Na	nsis ea: 58 ea: 58 Status	9,889.9 acro 9,889.9 acro Primary Ti Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices Common Name	MBI
Locust F A38 States Alabama  System Ta AS Code C007	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland	reams  Arrior  A Subregions  SCP  SRV  Description  Plateau rivers, in	80.5% 19.5%	Census 2000 Total Pop. 12: Pop./Sq. Mi.	6,330 137	DU: Upper Blad  Land Use/Lai  Natural  Agriculture  Developed  Water  # Occurrences	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	El. Coc   IMGASK	le Scientific Na 211 Elimia bentonie:  Total Ar  Subsite Ar  GAP Management  s Targets le Scientific Na 101 Necturus alabar	nsis ea: 58 ea: 58 Status  me me mensis	9,889.9 acro 9,889.9 acro Primary TI Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water	MBI
D004  Locust F A38 States Alabama  System Ta AS Code C007 D012	ridge and valley str Fork Black W. a 100.0% a 100.0%  argets Aquatic System small Cumberland ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone to	80.5% 19.5%	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	DU: Upper Blad  Land Use/Lai  Natural  Agriculture  Developed  Water  # Occurrences	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coo IMGASK NLCD) 0 71.1% 25.9% 2.2% 0.8% Specie EI. Coo AAAAEC AFCJB2	le Scientific Na 211 Elimia bentonie:  Total Ar  Subsite Ar  GAP Management  s Targets le Scientific Na 101 Necturus alabar 886 Notropis cahaba	nsis ea: 58 ea: 58 Status  me mensis	F. F	es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner	MBI
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 25.9% 2.2% 0.8% Specie EI. Coc AAAAEC AFCJB2 AFCQCI	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  GAP Management  s Targets le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subs	msis  ea: 58  ea: 58  Status  me  mensis  ae  cf. E. bell.	9,889.9 acri 9,889.9 acri Primary Ti Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Lahaba shiner Locust Fork Darter	MBI
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0% a 100.0%  argets Aquatic System small Cumberland ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	DU: Upper Blad  Land Use/Lai  Natural  Agriculture  Developed  Water  # Occurrences	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	El. Coc IMGASK 71.1% 25.9% 2.2% 0.8% Specie El. Coc AAAAEC AFCJBC AFCJBC AFCJBC	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  s Targets le Scientific Na 101 Necturus alabar 886 Notropis cabar 2272 Etheostoma sp. 2250 Etheostoma nu	msis  ea: 58  ea: 58  Status  me  mensis  ae  cf. E. bellichale	9,889.9 acri 9,889.9 acri Primary TI Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Locats Fork Darter Watercress Darter	MBI
Locust F A38 States Alabama  System Ta AS Code C007 D012	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	El. Coc IMGASK NLCD) (71.1% 25.9% 0.8% Specie El. Coc AAAAEC AFCJB2 AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar  SAP Management  S Targets  Le Scientific Na 101 Necturus alabar Notropis cahabi Notropis cahabi 2027 Etheostoma pu 2023 Etheostoma nu 2023 Etheostoma che	me mensis  cf. E. bell.  chale	9,889.9 acri 9,889.9 acri Primary Ti Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter /ermilion Darter	MBI
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	NLCD) (71.1% 25.9% 0.8% Specie El. Coc AAAAEC AFCJB2 AFCQCI AFCQC	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar  SAP Management  S Targets  Le Scientific Na 101 Necturus alabar Notropis cahabi 2027 Etheostoma pu 2023 Etheostoma che 2028 Etheostoma doi 2028 Etheostoma doi	me mensis ae cf. E. bell. chale ermocki	19,889.9 acri	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Vatercress Darter fuskaloosa Darter	MB on:
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 2.2% 0.8% Specie EI. Coc AAAAEC AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI	Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  S Signature  S Signature  S Scientific Na  S Cientific Na  Notropis cahaba  S Signature  S Signature  S Signature  S Scientific Na  S Signature  S Sig	me mensis  ea: 58  Status  me mensis  ae cf. E. bellichale emmocki uglasi vtophilum	Primary Ti Agricultura Mining pra	es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter //ermilion Darter Fuskaloosa Darter Rush Darter	MBI
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 25.9% 2.2% 0.8% Specie EI. Coc AAAAEC AFCQCI	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  s Targets le Scientific Na 808 Notropis cahabis 227 Etheostoma ob 2020 Etheostoma dot 2021 Etheostoma dot 2025 Etheostoma bel 2028 Etheostoma bel	me mensis  me cf. E. bell. chale ermocking updasi	19,889.9 acri 19,889.9 acri 19,889.9 acri 19,889.9 acri 19,60.0 Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner Locust Fork Darter Varmilion Darter Tuskaloosa Darter Rush Darter Warrior Darter	MB on:
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coo IMGASK  NLCD) (71.1% 25.9% 2.2% 0.8%  Specie EI. Coo AAAAEC AFCQCI	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  S Targets  Le Scientific Na Notropis cahabal  Notropis cahabal  Notropis cahabal  227 Etheostoma ph  2281 Etheostoma che  2281 Etheostoma del  2281 Etheostoma bel  2285 Etheostoma bel  2285 Etheostoma bel  2285 Percina brevica	me mensis ae cf. E. bellichale ermocki uglasii uda	9,889.9 acri 9,889.9 acri Primary TI Agricultura Mining pra	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Cahaba shiner Occust Fork Darter Watercress Darter Vermilion Darter Tuskaloosa Darter Rush Darter Warrior Darter Coal Darter	# #dog
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Cook IMGASK  NLCD) (71.1% 25.9% 2.2% 0.8%  Specie EI. Cook AAAAE(AFCQCI) AFCQCI	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar  SAP Management  S Cientific Na  S Cientific Na  Necturus alabai  Necturus alabai  Necturus alabai  227 Etheostoma nu  2281 Etheostoma doi  2202 Etheostoma bei  2282 Etheostoma bei  2283 Perina brevica  2202 Sternotherus de	me me mensis ae cf. E. bellichale ermocki uglasi dophilum lator epressus	9,889.9 acri	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Lahaba shiner Locust Fork Darter Vermilion Darter Fuskaloosa Darter Rush Darter Varrior Darter Coal Darter Coal Darter	# #dog
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	NLCD) (71.1% 25.9% 0.8% Specie El. Coc AAAAEC AFCJB2 AFCQCI AFQCI AFCQCI	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar SAP Management  S Cientific Na Sibsite Ar SAP Management  S Cientific Na Notropis cahabia Notropis cahabia Cientific Na Sibsite Ar Sibsite	me me mensis ae cf. E. bellichale ermocki uglasi dophilum lator epressus	19,889.9 acri	Rusty Elimia es Mott Code: es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Varmillon Darter Fuskaloosa Darter Rush Darter Warrior Darter Warrior Darter Varrior Darter Coal Darter Elattened Musk Turt Butterfly	# #dog
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	NLCD) (71.1% 25.9% 0.8% Specie El. Coc AAAAEC AFCJB2 AFCQCI AFQCI AFCQCI	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar  SAP Management  S Cientific Na  S Cientific Na  Necturus alabai  Necturus alabai  Necturus alabai  227 Etheostoma nu  2281 Etheostoma doi  2202 Etheostoma bei  2282 Etheostoma bei  2283 Perina brevica  2202 Sternotherus de	me me mensis ae cf. E. bellichale ermocki uglasi dophilum lator epressus	19,889.9 acri	Rusty Elimia es Mott Code: es Map Locati hreats il practices ctices  Common Name Black Warrior Water Lahaba shiner Locust Fork Darter Vermilion Darter Fuskaloosa Darter Rush Darter Varrior Darter Coal Darter Coal Darter	# #dog
Locust F A38 States Alabama System Ta AS Code C007 D012	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 2.2% 0.8% 2.2% 0.8% Specie EI. Coc AFCQCI AF	le Scientific Na 211 Elimia bentonie.  Total Ar  Subsite Ar SAP Management  S Cientific Na Sibsite Ar SAP Management  S Cientific Na Notropis cahabia Notropis cahabia Cientific Na Sibsite Ar Sibsite	me mensis ae cf. E. bell. chale processus ata	9,889.9 acri	Rusty Elimia es Mott Code: es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Varmillon Darter Fuskaloosa Darter Rush Darter Warrior Darter Warrior Darter Varrior Darter Coal Darter Elattened Musk Turt Butterfly	## ## ## ## ## ## ## ## ## ## ## ## ##
Locust F A38 States Alabama  System Ta AS Code C007 D012 D013	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str	reams  A Subregions SCP SRV  Description Plateau rivers, in reams, limestone treams, sandstone	80.5% 19.5% low elevation to sandston to limeston	Census 2000 Total Pop. 120 Pop./Sq. Mi.	6,330 137	Land Use/Lan Natural Agriculture Developed Water  # Occurrences au 1 5 2	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac.	EI. Coc IMGASK 71.1% 25.9% 2.2% 0.8% Specie EI. Coc AAAAEC AFCAGC	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  SAP Management  S Cientific Na Sis Targets  Le Scientific Na Scientific Na Le Scie	me mensis ae cf. E. bell. chale emocki glasi vidophilum lator uda eppressus ata	9,889.9 acri	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter //ermilion Darter Fuskaloosa Darter Rush Darter Rush Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike	######################################
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Lower B  Lower B  A38  States  Alabama  System Ta  AS Code  C007  D012  D013  D024	ridge and valley str Fork Black W.  a 100.0%  argets  Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun	reams  A Subregions SCP SRV  Description Plateau rivers, in lireams, limestone treams, sandstone tain, plateau strea	80.5% 19.5% low elevation to sandston to limeston	Census 2000  Total Pop. 12i Pop./Sq. Mi.  In, origin in Cumberla e e	[6,330] 137]	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 2 6 6	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac.	EI. Coc IMGASK  NLCD) C 71.1% 25.9% 2.2% 0.8%  Specie EI. Coc AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI MBIV13 IMBIV12 IMBIV22 IMBIV33 IMGASK IMGASK IMGASK	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  S Cientific Na  S Cien	me me mensis ae cf. E. bellichale pressus ata applanata al s greenii niana biides ulifera ea:	Primary Ti Agricultura Mining pra  (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog e
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Lower B  Lower B  A38  States  Alabama  System Ta  AS Code  C007  D012  D013  D024	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun	reams  A Subregions SCP SRV  Description Plateau rivers, in lireams, limestone treams, sandstone tain, plateau strea	80.5% 19.5% low elevation to sandston to limeston ims	Census 2000  Total Pop. 12: Pop./Sq. Mi.  In, origin in Cumberla e e  Census 2000  Total Pop.	[6,330] 137]	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 2 6 6	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac.	EI. Coc IMGASK  NLCD) C 71.1% 25.9% 2.2% 0.8%  Specie EI. Coc AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI MBIV13 IMBIV12 IMBIV22 IMBIV33 IMGASK IMGASK IMGASK	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  S Cientific Na  S Cien	me me mensis ae cf. E. bellichale pressus ata applanata al s greenii niana biides ulifera ea:	Primary Ti Agricultura Mining pra  (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog e
Lower B  A39 States  A39 States	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun	reams  arrior  A Subregions SCP SRV  Description Plateau rivers, in Irreams, limestone to reams, sandstone tain, plateau streams.	80.5% 19.5% low elevatic to sandston to limeston mis	Census 2000  Total Pop. 12! Pop./Sq. Mi.  In, origin in Cumberla e e  E  Company  Co	6,330 137	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 6 6	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac.	EI. Coc IMGASK  71.1% 225.9% 2.2% 0.8%  Specie EI. Coc AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI AFCQCI MBIVI3 IMBIV12 IMBIV22 IMBIV38 IMGASK IMGASK IMGASK IMGASK	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  S Cientific Na  S Cien	me me mensis ae cf. E. bellichale pressus ata applanata al s greenii niana biides ulifera ea:	Primary Ti Agricultura Mining pra  (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog e
Lower B  A39 States  A39 States	ridge and valley str Fork Black W. a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun	reams  arrior  A Subregions SCP SRV  Description Plateau rivers, in Irreams, limestone to reams, sandstone tain, plateau streams.	80.5% 19.5% low elevatic to sandston to limeston mis	Census 2000  Total Pop. 12: Pop./Sq. Mi.  In, origin in Cumberla e e  Census 2000  Total Pop.	6,330 137	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 6 6  DU: Upper Blace  Land Use/Lai Natural	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac.	EI. Coc IMGASK 71.1% 25.9% 2.2% 0.8% Specie EI. Coc AAAAEC AFCAGC AFCAGC AFCAGC AFCAGC IMBIVIZI IMBIVI	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  S Cientific Na  S Cien	me me mensis ae cf. E. bellichale pressus ata applanata al s greenii niana biides ulifera ea:	Primary Ti Agricultura Mining pra  (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog e
Lower B A39 States AAS Code 2007 20012 20012 20024	ridge and valley str Fork Black W.  a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun  Blackwater Cr	reams  arrior  A Subregions SCP SRV  Description Plateau rivers, in Irreams, limestone to reams, sandstone tain, plateau streams.	80.5% 19.5% low elevatic to sandston to limeston mis	Census 2000  Total Pop. 12: Pop./Sq. Mi.  In, origin in Cumberla e e  Census 2000  Total Pop.	6,330 137	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 6 6  DU: Upper Blad  Land Use/Lai Natural Agriculture	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac. 4,961.7 ac.	EI. Coo	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  Signature Scientific Na Sc	me me mensis ae cf. E. bellichale pressus ata applanata al s greenii niana biides ulifera ea:	Primary Ti Agricultura Mining pra  (a) (a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog
Lower B  A39 States  A39 States	ridge and valley str Fork Black W.  a 100.0%  argets Aquatic System small Cumberland ridge and valley str ridge and valley str Cumberland moun  Blackwater Cr	reams  arrior  A Subregions SCP SRV  Description Plateau rivers, in Irreams, limestone to reams, sandstone tain, plateau streams.	80.5% 19.5% low elevatic to sandston to limeston mis	Census 2000  Total Pop. 12: Pop./Sq. Mi.  In, origin in Cumberla e e  Census 2000  Total Pop.	6,330 137	Land Use/Lai Natural Agriculture Developed Water  # Occurrences au 1 5 6 6  DU: Upper Blad  Land Use/Lai Natural Agriculture	nd Cover (1992 419,265.6 ac. 152,497.3 ac. 13,164.6 ac. 4,961.4 ac. 4,961.7 ac.	EI. Coo	le Scientific Na 211 Elimia bentonie  Total Ar  Subsite Ar  Subsite Ar  SAP Management  Se Scientific Na  Signature Scien	me me mensis ae cr. E. belli. chale emocki uglasi dophilum lator uda epressus ata a pplanata al s greenii niana boides ulifera ea: ea: Status	9,889.9 acri 9,889.9 acri Primary Ti Agricultura Mining pra  () (ator L () () () () () () () () () () () () ()	Rusty Elimia  es Mott Code:  es Map Locati hreats Il practices ctices  Common Name Black Warrior Water Cahaba shiner .ocust Fork Darter Watercress Darter Vermilion Darter Fuskaloosa Darter Warrior Darter Coal Darter Coal Darter Elattened Musk Turt Butterfly Delicate Spike Southern Pocketboo Nabama Heelspitte Friangular Kidneysh Ridged Mapleleaf dispid Elimia Black Mudalia Ringed Hornsnail es Mott Code: es Map Locati	# dog e

Lower Nolichuck				<b>LDO.</b> 10	nnessee River-Blue R	uge		Total A			eres Mott Code: TCI
A40A		Action Sit	e: Yes					Subsite A	rea: 6	62,015.8 ac	res Map Location:
States	Subregions		Census 2000		Use/Land Cover (199		1 -	Managemen			
Tennessee 100	.0% NRV	69.9%		575 Natura	,			2,969.3 ac.	4.8%		al practices
	NRV - BUFF		Pop./Sq. Mi.	78 Agricu				2,104.0 ac.	3.4%	Mining pra	actices
	OUT	4.6%		Water	1,897.5 ac						
				Devel	ped 1,321.8 ac	2.1%	)				
A40B		Action Sit	e: Yes					Subsite A	rea: 5	50,040.0 ac	res Map Location:
States	Subregions		Census 2000	Land	Use/Land Cover (199	2 NLCD)	GAP	Managemen	t Status	Primary 1	Threats
Tennessee 100	.0% NRV	100.0%	Total Pop. 8,8	836 Agricu	Iture 30,078.0 ac	60.1%	3	24.1 ac.	0.0%	Agricultur	al practices
			Pop./Sq. Mi.	113 Natura	I 19,139.6 ac	38.2%			,	Mining pra	actices
				Devel	pped 817.7 ac	1.6%	,				
				Water	4.9 ac	0.0%	,				
A40C		Action Sit	e. Yes					Subsite A	rea: 2	27 789 1 ac	res Map Location:
States	Subregions		Census 2000	Land	Use/Land Cover (199	2 NLCD)	GAP	Managemen			•
Tennessee 100	.0% NRV	100.0%		828 Natura	•		7	ū			al practices
				157 Agricu	,					Mining pra	
				Devel			1				
				Water			1				
O				- Tato	12.0 00						
System Targets	inton December			# O-			ecies Ta	_			Common Name "
AS Code Aquatic S			D: 1 /D:	# Occu	rences		Code	Scientific Na			Common Name #
	and Valley rivers, origin		Ridge/Piedmont		!		CJB28X4	Notropis sp. cf.			Sawfin Shiner
	Ridge rivers, origin in Blu	ue Ridge			1		CJB3106				Tennessee Dace
D008 ridge and va	lley streams				3		CJC0401	Cycleptus elon			Blue Sucker
								Noturus sp. cf.		S	Chucky Madtom
								Etheostoma ac			Sharphead Darter
								Etheostoma vu			Wounded Darter
								Percina tanasi			Snail Darter
							3IV02040				Elktoe
							3IV08010	Cumberlandia			Spectaclecase
						IME	3IV16040	Epioblasma ca	psaeformis	s	Oyster Mussel
						IME	3IV16190	Epioblasma trio	quetra		Snuffbox
							3IV17020				Tennessee Pigtoe
							3IV17120				Longsolid
							3IV21110				Pink Mucket
						1					
						IME	3IV23010	Lemiox rimosu	S		Birdwing Pearlymussel
											Birdwing Pearlymussel Ohio Pigtoe
						IME	3IV35090	Pleurobema co	ordatum		Ohio Pigtoe
						IME	3IV35090 3IV35220	Pleurobema co Pleurobema ov	ordatum		Ohio Pigtoe Tennessee Clubshell
						IME IME	BIV35090 BIV35220 BIV47050	Pleurobema co Pleurobema ov Villosa fabalis	ordatum viforme		Ohio Pigtoe Tennessee Clubshell Rayed Bean
						IME IME IME	BIV35090 BIV35220 BIV47050 BIV47140	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis	ordatum viforme		Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean
						IME IME IME IMC	BIV35090 BIV35220 BIV47050 BIV47140 BASK301	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis	ordatum viforme		Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail
Manitau Caus				EDII: Co	oca Pivor	IME IME IME IMC	BIV35090 BIV35220 BIV47050 BIV47140	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni	ordatum viforme cale		Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)
Manitou Cave				<b>EDU</b> : Co	osa River	IME IME IME IMC	BIV35090 BIV35220 BIV47050 BIV47140 BASK301	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) res Mott Code: MB
A41		Action Sit				IME IME IME IMC	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States	Subregions		Census 2000	Land	Use/Land Cover (199	IME IME IME IMO IMO	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States			Census 2000 Total Pop.	Land	Use/Land Cover (199	IME IME IME IMO IMO IMO IMO 86.3%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States	Subregions		Census 2000 Total Pop.	Land  164 Natura  346 Devel	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	IME IME IME IMC IMC 2 NLCD) 86.3% 8.1%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States	Subregions		Census 2000 Total Pop.	Land	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	IME IME IME IMC IMC 2 NLCD) 86.3% 8.1%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Al	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States Alabama 100	Subregions		Census 2000 Total Pop.	Land  164 Natura  346 Devel	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	ME M	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7??	Pleurobema od Pleurobema od Villosa fabalis Villosa tabalis Villosa trabalis Pleurocera uni Total Ai Subsite Ai Managemen	ordatum viforme  cale rea:	303.3 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location:
A41 States Alabama 100	Subregions		Census 2000 Total Pop.	Land  164 Natura  346 Devel	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	2 NLCD)  86.3% 8.1% 5.6%	8IV35090 8IV35220 8IV47050 8IV47140 GASK301 GASK7??	Pleurobema od Pleurobema od Villosa fabalis Villosa tabalis Villosa trabalis Pleurocera uni Total Ai Subsite Ai Managemen	ordatum informe  cale  rea:  rea:  t Status	303.3 ac 303.3 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) cres Mott Code: MB cres Map Location: Threats
A41 States Alabama 100	Subregions		Census 2000 Total Pop.	Land  164 Natura  346 Devel	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	2 NLCD)  86.3% 8.1% 5.6%	8IV35090 8IV35220 8IV47050 8IV47140 GASK301 GASK7??	Pleurobema co Pleurobema ov Villosa fabalis Villosa fabalis Io fluvialis Pleurocera uni Total Al Subsite Al Managemen	ordatum viforme  cale rea: rea: t Status	303.3 ac 303.3 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) res Mott Code: MB res Map Location: Threats
A41 States Alabama 100 System Targets	Subregions		Census 2000 Total Pop.	Land 164 346  Natura Devel Agricu	Use/Land Cover (199 il 262.3 ac oped 24.5 ac lture 17.2 ac	2 NLCD)  86.3% 8.1% 5.6%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  argets Scientific Na Antrorbis brew	ordatum viforme  cale rea: rea: t Status	303.3 ac 303.3 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail)
A41 States Alabama 100 System Targets	Subregions .0% SCP	100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	Land 164 346  Natura Devel Agricu	Use/Land Cover (199 Il 262.3 ac oped 24.5 ac	2 NLCD)  86.3% 8.1% 5.6%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ai Subsite Ai Managemen  argets Scientific Na Antrorbis brew Total Ai	cale rea: rea: t Status	303.3 ac 303.3 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  cres Mott Code: MB cres Map Location: Threats  Common Name # (a snail)  cres Mott Code:
A41 States Alabama 100 System Targets Meadow River	Subregions .0% SCP	100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	Land 164 346  Natura Devel Agricu	Use/Land Cover (199 il 262.3 ac oped 24.5 ac lture 17.2 ac	2 NLCD)  86.3% 8.1% 5.6%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP Code GASV301	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni  Total Ar Subsite Ai Managemen  argets Scientific Na Antrorbis brew Total Al Subsite Al	cale cale rea: t Status ame eri rea: 23 rea: 23	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States	Subregions .0% SCP	100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	Land 164 346  Natura Devel Agricu	Use/Land Cover (199 il 262.3 ac oped 24.5 ac lture 17.2 ac	2 NLCD)  86.3% 8.1% 5.6%	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP Code GASV301	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ai Subsite Ai Managemen  argets Scientific Na Antrorbis brew Total Ai	cale cale rea: t Status ame eri rea: 23 rea: 23	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42	Subregions  SCP  Subregions	100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up	Use/Land Cover (199    262.3 ac   24.5 ac   11.2 ac   17.2 ac   per Kanawha River   Use/Land Cover (199	2 NLCD)  86.3%  5.6%  Spe	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni  Total Ar Subsite Ai Managemen  argets Scientific Na Antrorbis brew Total Al Subsite Al	cale cale rea: t Status ame eri rea: 23 rea: 23	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets Meadow River A42 States	Subregions  SCP  Subregions	100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up	Use/Land Cover (199    262.3 ac   24.5 ac   11ture	2 NLCD)  86.3% 5.6%  Spe EI. IMC	BIV35090 BIV35220 BIV47050 BIV47140 GASK301 GASK7?? GAP	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen  Total Ai Antrorbis brew  Total Ai Subsite Ai Antrorbis de Managemen	cale rea: t Status  ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets Meadow River A42 States	Subregions .0% SCP  Subregions CM  Subregions .0% CM	100.0%  Action Sit  48.0% 42.0%	Census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11,	Land 164 Natura 346 Devel Agricu  EDU: Up  Land Natura  Natura	Use/Land Cover (199    262.3 ac   24.5 ac   17.2 ac   17.2 ac   203.086.7 ac   18.2 203.086.7 ac   18.2 203.086.7 ac   18.2 20.547.6 ac	2 NLCD)  86.3%  5.6%  Spp  EI.  IMC	GAP  GAP  GAP  GAP  GAP  GAP	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen  Total Ai Antrorbis brew  Total Ai Subsite Ai Antrorbis de Managemen	cale rea: t Status  ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets Meadow River A42 States	Subregions .0% SCP  Subregions .0% CM .CM - BUFF	100.0%  Action Sit	Census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11,	Land 164 346 Natura Devel Agricu  EDU: Ug  Land Natura 750 32 Agricu Devel	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac	2 NLCD) 86.8% 2 NLCD) 86.8% 3.1%	IIV35090 IIV35090 IIV37050 IIV470 IIV470 IIV470 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050	Pleurobema co Pleurobema ou Villosa fabalis Villosa trabalis Io fluvialis Pleurocera uni  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen  Total Ai Antrorbis brew  Total Ai Subsite Ai Antrorbis de Managemen	cale rea: t Status  ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100	Subregions .0% SCP  Subregions .0% CM .CM - BUFF	100.0%  Action Sit  48.0% 42.0%	Census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11,	Land 164 Natura 346 Devel Agricu  EDU: Up  Land 750 Natura Agricu  Agricu	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status  ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100 System Targets	Subregions  SUBREGIONS  SUBREGIONS  CM CM - BUFF OUT	100.0%  Action Sit  48.0% 42.0%	Census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11,	Land 164 346 Natura Devel Agricu  EDU: Up  Land Natura 750 32 Agricu Devel Water	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IIV35090 IIV35090 IIV37050 IIV470 IIV470 IIV470 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050 IIV47050	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status  ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100 System Targets AS Code Aquatic S	Subregions SCP  Subregions OM CM - BUFF OUT	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Ug  Land Natura 750 32 Agricu Devel	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100  System Targets  Meadow River  A42 States West Virginia 100  System Targets AS Code Aquatic S C038 small Coal F	Subregions .0% SCP  Subregions .0% CM CM - BUFF OUT  ystem Description fields rivers with origin in	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up  Land Natura 750 32 Agricu Devel Water	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
Name	Subregions .0% SCP  Subregions .0% CM CM - BUFF OUT  ystem Description fields rivers with origin if mountain streams	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up  Land Natura 750 32 Agricu Devel Water	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
Name	Subregions .0% SCP  Subregions .0% CM CM - BUFF OUT  yestem Description fields rivers with origin is mountain streams any Mountains streams	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up  Land Natura 750 32 Agricu Devel Water	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100 System Targets AS Code Aquatic S C038 small Coal F 0023 Cumberland D123 High Alleghe	Subregions .0% SCP  Subregions .0% CM CM - BUFF OUT  ystem Description fields rivers with origin if mountain streams	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura Devel Agricu  EDU: Up  Land Natura 750 32 Agricu Devel Water	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 9.68.8% 3.1% 0.5%	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale rea: t Status ame eri rea: 23 rea: 23 t Status	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
Name	Subregions .0% SCP  Subregions .0% CM CM - BUFF OUT  yestem Description fields rivers with origin is mountain streams any Mountains streams	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.	Land 164 346 Natura 346 Pevel Agricu  EDU: Up  Land 750 Natura Agricu Devel Water  # Occu	Use/Land Cover (199 il 262.3 ac oped 24.5 ac liture 17.2 ac  per Kanawha River  Use/Land Cover (199 il 203,086.7 ac liture 22,547.6 ac oped 7,304.2 ac 1,151.5 ac	2 NLCD) 86.3% 8.1% 5.6% Spt [IMC] 2 NLCD) 86.8% 3.1% 5.6% Spx	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ar Subsite Ar Managemen  Total Ar Scientific Na Antrorbis brew Total Ar Subsite Ar Managemen 2,419.9 ac.	cale cale rea: t Status ame eri rea: 23 t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail) Cres Mott Code: MB Cres Map Location: Threats  Common Name # (a snail) Cres Mott Code: Common Name # (a snail) Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Mott Code: Cres Map Location: Cres Map Location: Cres Map Location:
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100 System Targets AS Code Aquatic S C038 small Coal F D023 Cumberland D123 High Alleghe D124 High Alleghe Mill Creek	Subregions .0% SCP  Subregions .0% CM .CM - BUFF .OUT  yestem Description fields rivers with origin if mountain streams any Mountains streams sny Mountains streams	48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  E: No Census 2000  Total Pop. 11, Pop./Sq. Mi.	Land 164 346 Natura 346 Pevel Agricu  EDU: Up  Land 750 Natura Agricu Devel Water  # Occu	Use/Land Cover (199    262.3 ac   24.5 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   25.47.6 ac   26.5 ac   27.304.2 ac   27.304.2 ac   27.304.2 ac   27.304.2 ac   27.304.2 ac   37.304.2 ac   37.	2 NLCD) 86.3% 8.1% 5.6% Spt [IMC] 2 NLCD) 86.8% 3.1% 5.6% Spx	IV35090 IV35090 IV35090 IV35700 IV377100 IV37710	Pleurobema co Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen  Z,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Teres Mott Code: MB Treats  Common Name (a snail)  Threats  Common Name Threats  Common Name Threats
A41 States Alabama 100 System Targets  Meadow River A42 States West Virginia 100 System Targets AS Code Aquatic S C038 small Coal F 0023 Cumberland 0123 High Alleghe 0124 High Alleghe Mill Creek A43	Subregions .0% SCP  Subregions .0% CM - BUFF OUT  ystem Description fields rivers with origin i mountain streams any Mountains streams any Mountains streams	100.0%  Action Sit  48.0% 42.0% 10.0%  In the Alleghan	Census 2000  Total Pop. Pop./Sq. Mi.  Total Pop. Pop./Sq. Mi.  Total Pop. Total Pop. Total Pop. Pop./Sq. Mi.  Total Pop.	EDU: Up  Land 750 32  # Occu  EDU: Up	Use/Land Cover (199    262.3 ac   24.5 ac   11	2 NLCD) 86.3% 8.1% 5.6% EI.	SAS	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni  Total Ar  Subsite Ar  Managemen  Total Ar  Subsite Ar  Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Teres Mott Code: MB Treats  Common Name (a snail)  Threats  Common Name # (a snail)  Threats
A41 States   Alabama	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Tetal Pop. Pop./Sq. Mi.  Total Pop. Total Pop. Total Pop. Total Pop. Annual Pop. Total Pop. To	EDU: Up  Land 750 32 Agricu  Water  # Occu  EDU: Up  Land 750 Water	Use/Land Cover (199    262.3 ac   24.5 ac   11	2 NLCD)  86.3% 8.1% 5.6% 96% 3.1% 0.55% Spe	BIV35090 BIV35290 BIV35220 BIV37140 BISASK301 BASK7??  GAAP  GAAP  GAAP  GAAP  GAAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Villosa trabalis Pleurocera uni  Total Ai  Subsite Ai Managemen  Total Ai  Subsite Ai Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States   Alabama	Subregions .0% SCP  Subregions .0% CM - BUFF OUT  ystem Description fields rivers with origin i mountain streams any Mountains streams any Mountains streams	100.0%  Action Sit  48.0% 42.0% 10.0%  In the Alleghan	census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11, Pop./Sq. Mi.  any Mountains  e: No Census 2000  Total Pop. 1, Total Pop. 1, Total Pop. 1,	EDU: Up  Land 750 32 Agricu  EDU: Up  Land Natura Agricu  # Occu  EDU: Up  Land Natura Agricu  # Occu  EDU: Up  Land Natura Agricu  Agricu  Devel Water	Use/Land Cover (199    262.3 ac   24.5 ac   11ture	2 NLCD)  86.3%  8.1%  5.6%  Spe EI. IMC  2 NLCD)  86.8%  9.6%  3.1%  Spe  2 NLCD)  90.7%	SIV4705090     SIV4705090     SIV47050     SIV47050     SIV47050     SIV47050     GAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni  Total Ar  Subsite Ar  Managemen  Total Ar  Subsite Ar  Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States   Alabama	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	Census 2000  Total Pop. Pop./Sq. Mi.  Tetal Pop. Pop./Sq. Mi.  Total Pop. Total Pop. Total Pop. Total Pop. Annual Pop. Total Pop. To	EDU: Up  Land 750 32  Agricu  EDU: Up  Land 750 32  Agricu  # Occu  EDU: Up  Land 020 Agricu  Agricu  Agricu  Agricu	Use/Land Cover (199    262.3 ac   24.5 ac   17.2 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   25.547.6 ac   25.547.6 ac   25.547.6 ac   26.547.6 ac   27.304.2 ac   1,151.5 ac   28.547.6 ac   29.547.6 ac   39.548.7 ac   49.548.7 ac   10.548.7 ac   10.548.	2 NLCD) 86.3% 5.6% Spp EI. IMC 2 NLCD) 96.7% Spo	SAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Villosa trabalis Pleurocera uni  Total Ai  Subsite Ai Managemen  Total Ai  Subsite Ai Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States   Alabama	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11, Pop./Sq. Mi.  any Mountains  e: No Census 2000  Total Pop. 1, Total Pop. 1, Total Pop. 1,	EDU: Up  Land 750 32  Agricu  EDU: Up  Land 750 32  Agricu  # Occu  EDU: Up  Land Natura Agricu  # Occu  Agricu  # Occu  Land Natura Agricu  Agricu  Agricu  Devel Water	Use/Land Cover (199    262.3 ac   24.5 ac   11.2 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   24.5 ac   24.5 ac   24.5 ac   25.4 ac   26.3 ac   26	2 NLCD) 86.3% 8.1% Special Section 1.1% 86.8% 9.6% 3.1% 0.5% Special Section 1.1% 90.7% 8.15% 90.7% 90.7% 90.7% 90.7%	SAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Villosa trabalis Pleurocera uni  Total Ai  Subsite Ai Managemen  Total Ai  Subsite Ai Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States   Alabama	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11, Pop./Sq. Mi.  any Mountains  e: No Census 2000  Total Pop. 1, Total Pop. 1, Total Pop. 1,	EDU: Up  Land 750 32  Agricu  EDU: Up  Land 750 32  Agricu  # Occu  EDU: Up  Land 020 Agricu  Agricu  Agricu  Agricu	Use/Land Cover (199    262.3 ac   24.5 ac   11.2 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   24.5 ac   24.5 ac   24.5 ac   25.4 ac   26.3 ac   26	2 NLCD) 86.3% 8.1% Special Section 1.1% 86.8% 9.6% 3.1% 0.5% Special Section 1.1% 90.7% 8.15% 90.7% 90.7% 90.7% 90.7%	SAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Villosa trabalis Pleurocera uni  Total Ai  Subsite Ai Managemen  Total Ai  Subsite Ai Managemen  2,419.9 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States Alabama 100  System Targets  Meadow River  A42 States West Virginia 100  System Targets AS Code Aquatic S C038 small Coal F 0023 Cumberland 0123 High Allegh 0124 High Allegh Mill Creek  A43 States Alabama 100	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11, Pop./Sq. Mi.  any Mountains  e: No Census 2000  Total Pop. 1, Total Pop. 1, Total Pop. 1,	EDU: Up  Land 750 32  Agricu  EDU: Up  Land 750 32  Agricu  # Occu  EDU: Up  Land Natura Agricu  # Occu  Agricu  # Occu  Land Natura Agricu  Agricu  Agricu  Devel Water	Use/Land Cover (199    262.3 ac   24.5 ac   11.2 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   24.5 ac   24.5 ac   24.5 ac   25.4 ac   26.3 ac   26	2 NLCD) 86.3% 8.1% 5.6% Spt EI. IMC 2 NLCD) 90.7% 90.7% 0.8% 0.8% 0.8%	SAS	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen 2,419.9 ac.  Total Ai Subsite Ai Managemen 183.3 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac 13,412.1 ac	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats
A41 States   Alabama	Subregions OM SCP Subregions OM CM - BUFF OUT  ystem Description ields rivers with origin in mountain streams any Mountains streams ny Mountains streams Subregions	100.0%  Action Sit 48.0% 42.0% 10.0%	census 2000  Total Pop. Pop./Sq. Mi.  e: No Census 2000  Total Pop. 11, Pop./Sq. Mi.  any Mountains  e: No Census 2000  Total Pop. 1, Total Pop. 1, Total Pop. 1,	EDU: Up  Land 750 32  Agricu  EDU: Up  Land 750 32  Agricu  # Occu  EDU: Up  Land Natura Agricu  # Occu  Agricu  # Occu  Land Natura Agricu  Agricu  Agricu  Devel Water	Use/Land Cover (199    262.3 ac   24.5 ac   11.2 ac   17.2 ac   24.5 ac   17.2 ac   24.5 ac   24.5 ac   24.5 ac   24.5 ac   25.4 ac   26.3 ac   26	2 NLCD) 86.8% 9.6% Special Section 1.1% 2 NLCD) 86.8% 9.6% 9.6% 9.6% 2 NLCD) 86.8% 9.6% 9.6% 9.6% 9.6% 9.6% 9.6% 9.6% 9.6	SAP	Pleurobema co Pleurobema ou Pleurobema ou Villosa fabalis Io fluvialis Pleurocera uni  Total Ai Subsite Ai Managemen  Total Ai Subsite Ai Managemen 2,419.9 ac.  Total Ai Subsite Ai Managemen 183.3 ac.	cale rea: t Status 1.0%	303.3 ac 303.3 ac Primary 1 34,090.8 ac 34,090.8 ac Primary 1 13,412.1 ac Primary 1	Ohio Pigtoe Tennessee Clubshell Rayed Bean Cumberland Bean Spiny Riversnail (a snail)  Gres Mott Code: MB Gres Mott Code: MB Gres Mott Code: Threats  Common Name # (a snail)  Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Mott Code: Gres Map Location: Threats

A44 - North Chickamauga Creek EDU: Tennessee River-Cumberland Plateau Total Area: 76,619.2 acres Mott Code: TCB029 A44 Action Site: No Subsite Area: 76,619.2 acres Map Location: K13 States Land Use/Land Cover (1992 NLCD) GAP Management Status Census 2000 **Primary Threats** Subregions 100.0% 64,944.6 ac. Tennessee NCP Total Pop. 37,760 Natural 84.8% Industrial/municipal pollution Pop./Sq. Mi. 5.791.1 ac 7.6% NRV 18.6% 315 Developed Mining practices SRV 6.9% Agriculture 5,786.1 ac. 7.6% Residential development Water 96.4 ac. 0.1% **System Targets Species Targets** AS Code Aquatic System Description # Occurrences transitional streams, Cumberland plateau to ridge and valley, escarpment EDU: Tennessee River-Ridge and Valley Total Area: 463,419.5 acres Mott Code: TCB004 A45 - North Fork Holston River Subsite Area: 463,419.5 acres Map Location: G5 A45 Action Site: Yes **GAP Management Status** States Census 2000 Land Use/Land Cover (1992 NLCD) **Primary Threats** Subregions Virginia 96.8% NRV 99.0% Total Pop. 36,060 Natural 374,692.7 ac. 80.9% 18,713.7 ac. 4.0% Agricultural practices Tennessee 3.2% NRV - BUFF 1.0% Pop./Sq. Mi. Agriculture 83.122.9 ac. 17.9% 9,197.2 ac. 2.0% Incompatible forestry practices Developed 4,491.1 ac. 1.0% 6,336.6 ac. 1.4% Water 1,111.7 ac. 0.2% System Targets Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops C001 small ridge and valley rivers, origin in ridge and valley AFBAA0101 Ichthyomyzon bdellium Ohio Lamprey D001 ridge and valley streams AFC4E0204 Cottus baileyi Black Sculpin D002 ridge and valley streams AFCJB2810 Notropis ariommus Popeye Shiner Sawfin Shiner D003 ridge and valley streams AFCJB28X4 Notropis sp. cf. N. spectrunculus AFCJB3106 Phoxinus tennesseensis D008 ridge and valley streams Tennessee Dace AFCJB4915 Cyprinella monacha Spotfin Chub AFCQC02A1 Etheostoma vulneratum Wounded Darter AFCQC0402 Percina aurantiaca Tangerine Darter AFCQC0404 Percina burtoni Blotchside Logperch AFCQC0412 Percina macrocephala Longhead Darter IMBIV02040 Alasmidonta marginata Elktoe IMBIV02110 Alasmidonta viridis Slippershell Mussel IMBIV16190 Epioblasma triquetra Snuffbox IMBIV17020 Fusconaia barnesiana Tennessee Pigtoe IMBIV17040 Fusconaia cor Shiny Pigtoe IMBIV17050 Fusconaia cuneolus Finerayed Pigtoe IMBIV22050 Lasmigona holstonia Tennessee Heelsplitter IMBIV23010 Lemiox rimosus Birdwing Pearlymussel IMBIV25010 Lexingtonia dolabelloides Slabside Pearlymussel IMBIV28020 Medionidus conradicus Cumberland Moccasinshell IMBIV32010 Pegias fabula Littlewing Pearlymussel IMBIV35220 Pleurobema oviforme Tennessee Clubshell IMBIV38050 Ptvchobranchus subtentum Fluted Kidnevshell IMBIV39042 Quadrula cylindrica strigillata Rough Rabbitsfoot IMBIV39070 Quadrula intermedia Cumberland Monkeyface IMBIV43031 Toxolasma lividus lividus Purple Lilliput IMBIV47110 Villosa perpurpurea Purple Bean Cumberland Bean IMBIV47140 Villosa trabalis IMGASK7?? Pleurocera unicale (a snail) IMGASK709 Pleurocera gradatum Bottle Hornsnail A46 - North Fork Kentucky River EDU: Kentucky/Licking Rivers Total Area: 55,006.5 acres Mott Code: A46A Action Site: No Subsite Area: 29,659.2 acres Map Location: D9 Census 2000 Land Use/Land Cover (1992 NLCD) States Subregions GAP Management Status Primary Threats 100.0% NCP Kentucky 100.0% Total Pop. 4.471 Natural 27.790.4 ac. 93.7% 4.1% Pop./Sq. Mi. 96 Agriculture 1.204.0 ac. Developed 435.1 ac 1.5% Water 229.9 ac 0.8% Subsite Area: 25,347.3 acres Map Location: D9 Δ46R Action Site: No States Subregions Census 2000 Land Use/Land Cover (1992 NLCD) **GAP Management Status** Primary Threats Kentucky 100.0% NCP 100.0% Total Pop. 647 Natural 25,098.0 ac. 99.0% Pop./Sq. Mi 16 Agriculture 126.0 ac. Developed 118.6 ac. 0.5% Water 4.9 ac. 0.0% **System Targets** Species Targets # Occurrences AS Code Aquatic System Description El. Code Scientific Name Common Name # Pops C006 small Cumberland Plateau rivers, in moderate elevation, origin in Cumberland Plateau AFCQC0104 Ammocrypta clara Western Sand Darter Cumberland mountain streams AFCQC0242 Etheostoma maculatum Spotted Darter AFCQC0266 Etheostoma sagitta spilotum Arrow Darter

IMBIV17120 Fusconaia subrotunda

Longsolid

A47 - North River EDU: Upper Black Warrior River Total Area: 155,726.9 acres Mott Code: MBB081 A47 Action Site: No Subsite Area: 155,726.9 acres Map Location: P19 States Land Use/Land Cover (1992 NLCD) GAP Management Status Primary Threats Census 2000 Subregions 132,690.1 ac. SCP Alabama 100.0% 60.6% Total Pop. 4,569 Natural 85.2% 9.9% SCP - BUFF 39.4% Pop./Sq. Mi. 19 Agriculture 15.350.7 ac. Developed 7.483.9 ac. 4 8% Water 202.5 ac. 0.1% **System Targets** Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops AAAAE0101 Necturus alabamensis transitional streams. Cumberland plateau to coastal plain Black Warrior Waterdog Flattened Musk Turtle ARAAE0202 Sternotherus depressus IMBIV14030 Elliptio arca Alabama Spike IMBIV14040 Elliptio arctata Delicate Spike IMBIV21120 Lampsilis ornata Southern Pocketbook IMBIV21140 Lampsilis perovalis Orangenacre Mucket IMBIV35130 Pleurobema furvum Dark Pigtoe IMBIV42020 Strophitus subvexus Southern Creekmussel 68,184.3 acres Mott Code: MBB004 A48 - Oostanaula/Lower Coosawattee and Conasauga Rivers EDU: Coosa River Total Area: Δ48 Action Site: No. Subsite Area: 68,184.3 acres Map Location: N12 Census 2000 States Subregions Land Use/Land Cover (1992 NLCD) **GAP Management Status Primary Threats** Georgia 100.0% SRV Total Pop. Natural 39,822.0 ac. 58.4% 161.4 ac. 0.2% Agricultural practices 23,874.4 ac. Pop./Sq. Mi. Agriculture 35.0% Industrial/municipal pollution Developed 2,433.1 ac. 3.6% Water 2,055.2 ac. 3.0% System Targets Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops. medium Ridge and Valley rivers, origin in the Blue Ridge/Ridge and Valley AFCQC0411 Percina lenticula B001 Freckled Darter IMBIV03030 Amblema elliottii C003 small Ridge and Valley rivers, origin in the Blue Ridge/Piedmont Coosa Fiveridge IMBIV14030 Elliptio arca Alabama Spike IMBIV21120 Lampsilis ornata Southern Pocketbook IMBIV22011 Lasmigona complanata alabamensis Alabama Heelsplitter IMBIV22050 Lasmigona holstonia Tennessee Heelsplitter IMBIV35050 Pleurobema chattanoogaense Painted Clubshell IMBIV35110 Pleurobema decisum Southern Clubshell IMBIV38020 Ptychobranchus greenii Triangular Kidneyshell IMBIV39140 Quadrula rumphiana Ridged Mapleleaf IMBIV39190 Quadrula kierneriana Coosa Orb IMGASK216 Elimia capillaris Spindle Elimia IMGASK5?? Leptoxis downiei Georgia Rocksnail IMGASK715 Pleurocera showalteri Upland Hornsnail A49 - Paint Rock River EDU: Lower Tennessee River Total Area: 298,764.7 acres Mott Code: TCB032 Subsite Area: 298,764.7 acres Map Location: M16 Δ49 Action Site: Yes States Subregions Census 2000 Land Use/Land Cover (1992 NLCD) GAP Management Status Primary Threats SCP Total Pop. 13,019 86.1% 100.0% 247,752.7 ac. Alabama Natural 5,244.4 ac. 1.8% Agricultural practices Pop./Sq. Mi. 47,549.3 ac. Tennessee 13.9% Agriculture 15.9% Incompatible forestry practices Developed 2,643.6 ac. 0.9% Water 817.8 ac System Targets Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops C008 small Cumberland Plateau rivers, origin in Highland Rim AFCJB28A9 Notropis albizonatus Palezone Shiner AFCQC0404 Percina burtoni Blotchside Logperch ridge and valley streams, few headwaters in plateau sandstones AFCQC0429 Percina tanasi Snail Darter IMBIV02040 Alasmidonta marginata Elktoe Slippershell Mussel IMBIV02110 Alasmidonta viridis IMBIV16190 Epioblasma triquetra Snuffbox IMBIV17020 Fusconaia barnesiana Tennessee Pigtoe IMBIV17040 Fusconaia cor Shiny Pigtoe IMBIV17050 Fusconaia cuneolus Finerayed Pigtoe IMBIV22050 Lasmigona holstonia Tennessee Heelsplitter IMBIV25010 Lexingtonia dolabelloides Slabside Pearlymussel IMBIV28020 Medionidus conradicus Cumberland Moccasinshell IMBIV35090 Pleurobema cordatum Ohio Pigtoe IMBIV35220 Pleurobema oviforme Tennessee Clubshell IMBIV39041 Quadrula cylindrica cylindrica Rabbitsfoot IMBIV43020 Toxolasma cylindrellus Pale Lilliput IMBIV43031 Toxolasma lividus lividus Purple Lilliput IMBIV47080 Villosa nebulosa Alabama Rainbow IMBIV47130 Villosa taeniata Painted Creekshell IMBIV47140 Villosa trabalis Cumberland Bean IMBIV47152 Villosa vanuxemensis umbrans Coosa Creekshell A50 - Pigeon River Total Area: 442,017.4 acres Mott Code: TCB011 EDU: Tennessee River-Blue Ridge Action Site: No Subsite Area: 442,017.4 acres Map Location: A50 Census 2000 Land Use/Land Cover (1992 NLCD) States Subregions **GAP Management Status Primary Threats** North Carolina 77.6% OUT Total Pop. 389,509.1 ac. 4,974.5 ac. 1.1% 80.3% 71,974 Natural 88.1% Agricultural practices 22.4% NRV - BUFF 10.7% Pop./Sq. Mi. 104 Agriculture 33,358.2 ac. 7.5% Agricultural practices Tennessee 2 4,346.1 ac 1.0% 17.877.3 ac 4.0% Impoundments/stream modification Developed NRV 9.0% Water 1,272.4 ac. 0.3% Species Targets System Targets El. Code Scientific Name Common Name # Pops AS Code Aquatic System Description # Occurrences C003 small Ridge and Valley rivers, origin in the Blue Ridge/Piedmont IMGASK7?? Pleurocera unicale (a snail) C012 small Blue Ridge rivers, origin in Blue Ridge transitional streams, Blue Ridge to Ridge and Valley D040 D044 Blue Ridge streams

Blue Ridge streams

D050

- Powell	River					cc raver rauge u	nd Valley		Total Ar	<u> </u>	33,010.7	acres Mott Code: T
A51			Action Sit	e: Yes					Subsite Ar	ea: 35	53,016.7	acres Map Locatio
States		Subregions		Census 2000	Land Use/La	and Cover (1992	NLCD)	GAP	Management	Status	Primar	ry Threats
Virginia	a 90.19	6 NRV	58.2%	Total Pop. 35,576	Natural	286,864.6 ac.	81.3%	3 1	7,415.8 ac.	4.9%	Agricul	Itural practices
Tennes	ssee 9.9%	6 CM	41.8%	Pop./Sq. Mi. 64	Agriculture	55,973.8 ac.	15.9%	2	21.5 ac.	0.0%	Industr	rial/municipal pollution
Kentuc		· · · · · · · · · · · · · · · · · · ·			Developed	9,540.7 ac.	2.7%				Mining	practices
	,				Water	637.5 ac.	0.2%					
0	T							<b>T</b> .	4-			
System 1					".0	7		cies Ta				O N
AS Code		em Description			# Occurrence	S		Code	Scientific Na			Common Name
C002	small Ridge and	l Valley River, origin	in the Cum	perland Plateau		1			Cryptobranchus	alleganie	ensis	Hellbender
D001	ridge and valley	streams				1			Notropis ariomr			Popeye Shiner
D007	ridge and valley	streams				2	AFC	JB28X4	Notropis sp. cf.	N. spectro	runculus	Sawfin Shiner
D008	ridge and valley	streams				2	AFC	JB3101	Phoxinus cumb	erlandens	sis	Blackside Dace
D019	transitional stre	ams, Cumberland pl	ateau to rido	e and valley	-	2	AFC	JB5001	Erimystax cahn	i		Slender Chub
						_			Noturus flavipin			Yellowfin Madtom
									Ammocrypta cla			Western Sand Darter
									Etheostoma vul			Wounded Darter
									Percina aurantia			Tangerine Darter
									Alasmidonta ma			*
										_		Elktoe
									Cumberlandia r		а	Spectaclecase
									Dromus dromas			Dromedary Pearlymus
									Epioblasma bre			Cumberlandian Comb
							IMBI\	V16190	Epioblasma triq	uetra		Snuffbox
									Fusconaia barn	esiana		Tennessee Pigtoe
							IMBI\	V17040	Fusconaia cor			Shiny Pigtoe
									Fusconaia cune	eolus		Finerayed Pigtoe
									Fusconaia subr			Longsolid
									Hemistena lata			Cracking Pearlymusse
									Lemiox rimosus			Birdwing Pearlymusse
									Lexingtonia dola		•	Slabside Pearlymusse
											,	
									Medionidus con			Cumberland Moccasir
									Plethobasus cy			Sheepnose
									Pleurobema ovi			Tennessee Clubshell
									Ptychobranchus			Fluted Kidneyshell
									Quadrula cylino		illata	Rough Rabbitsfoot
									Quadrula intern			Cumberland Monkeyfa
							IMBI\	V39150	Quadrula spars	а		Appalachian Monkeyf
							IMGA	ASK254	Elimia porrecta			Nymph Elimia
							IMGA					Spiny Riversnail
	on/Pumpkin		) -4! O!		EDU: Coosa R	iver		ASK301	lo fluvialis Pleurocera unio Total Ar	<b>ea:</b> 10		Spiny Riversnail (a snail)  acres Mott Code: N
- Raccoo			Action Sit			iver and Cover (1992	IMGA	ASK301 ASK7??	lo fluvialis Pleurocera unio	ea: 10	70,032.7	(a snail)
A52A	•	Subregions		e: No			IMGA	ASK301 ASK7??	lo fluvialis Pleurocera unic Total Ar Subsite Ar	ea: 10	70,032.7 Primai	(a snail) acres Mott Code: Nacres Map Locatio
A52A States	•	Subregions		e: No Census 2000	Land Use/La	and Cover (1992	IMGA	ASK301 ASK7??	lo fluvialis Pleurocera unio Total Ar Subsite Ar Management	ea: 10 ea: 7 Status	70,032.7 Primai	(a snail) acres Mott Code: N acres Map Locatio ry Threats
A52A States	•	Subregions 6 SRV - BUFF	58.9%	e: No Census 2000 Total Pop. 33,492	Land Use/Land	and Cover (1992 61,360.7 ac.	IMGA 2 NLCD) 87.6%	ASK301 ASK7??	lo fluvialis Pleurocera unio Total Ar Subsite Ar Management	ea: 10 ea: 7 Status	70,032.7 Primai	(a snail) acres Mott Code: N acres Map Locatio ry Threats
A52A States	•	Subregions 6 SRV - BUFF OUT	58.9% 36.3%	e: No Census 2000 Total Pop. 33,492	Land Use/Land Use/Lan	and Cover (1992 61,360.7 ac. 4,804.2 ac.	NLCD) 87.6% 6.9%	ASK301 ASK7??	lo fluvialis Pleurocera unio Total Ar Subsite Ar Management	ea: 10 ea: 7 Status	70,032.7 Primai	(a snail) acres Mott Code: N acres Map Locatio ry Threats
A52A States Georgia	•	Subregions SRV - BUFF OUT SRV	58.9% 36.3% 4.8%	e: No Census 2000 Total Pop. 33,492 Pop./Sq. Mi. 306	Land Use/La  Natural  Agriculture  Developed	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac.	87.6% 6.9% 5.2%	ASK301 ASK7??	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.	ea: 10 ea: 7 Status 2.9%	70,032.7 Primai Reside	(a snail) acres Mott Code: N acres Map Locatio ry Threats ential development
A52A States Georgia	a 100.0%	Subregions SRV - BUFF OUT SRV	58.9% 36.3%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No	Land Use/La Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac.	8 NLCD) 87.6% 6.9% 5.2% 0.3%	ASK301 ASK7?? GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.	ea: 10 ea: 7 Status 2.9%	70,032.7 <b>Prima</b> Reside	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Location
A52A States Georgia  A52B States	a 100.0%	Subregions SRV - BUFF OUT SRV	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/La Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac.	87.6% 6.9% 5.2% 0.3%	GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management	ea: 10 ea: 7 Status 2.9% ea: 3	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia	a 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/La Natural Agriculture Developed Water  Land Use/La Natural	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac.	87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3%	GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.	ea: 10 ea: 7 Status 2.9%	70,032.7 Primai Reside	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Location
A52A States Georgia  A52B States	a 100.0%	Subregions SRV - BUFF OUT SRV	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac.	87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9%	GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management	ea: 10 ea: 7 Status 2.9% ea: 3	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia  A52B States	a 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac.	2 NLCD) 87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9% 7.6%	GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management	ea: 10 ea: 7 Status 2.9% ea: 3	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia  A52B States	a 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac.	87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9%	GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management	ea: 10 ea: 7 Status 2.9% ea: 3	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia  A52B States	a 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF	58.9% 36.3% 4.8% Action Sit	e: No	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac.	8 NLCD) 87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9% 7.6% 0.2%	GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management 8,813.3 ac.	ea: 10 ea: 7 Status 2.9% ea: 3	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia  A52B States Georgia	a 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV - BUFF SRV	58.9% 36.3% 4.8% Action Sit	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	8 NLCD) 87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9% 7.6% 0.2%	GAP 3	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management 8,813.3 ac.	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats
A52A States Georgia  A52B States Georgia	a 100.09  a 100.09  Targets  Aquatic Syst	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV - BUFF SRV	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9% 7.6% 0.2% Spec	GAP  GAP  3  GAP  GAP  GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac. Subsite Ar Management 8,813.3 ac.	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%	70,032.7 Primai Reside	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats acres Map Locationy Threats ential development
A52A States Georgia  A52B States Georgia  System 1 AS Code	a 100.09  a 100.09  Targets  Aquatic Syst	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  em Description ams, Piedmont to Ri	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 5.2 80.3%	GAP  GAP  3  GAP  3  GAP  3	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%	70,032.7 Primai Reside	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats ential development Common Name
A52A States Georgia  A52B States Georgia  System AS Code D041 D049	a 100.09  a 100.09  Targets  Aquatic System transitional streen Piedmont strean	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  em Description ams, Piedmont to Ri	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 5.2 80.3%	GAP  GAP  3  GAP  3  GAP  3	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soci	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%	70,032.7 Primar Reside	(a snail) acres Mott Code: Nacres Map Location by Threats ential development acres Map Location by Threats ential development  Common Name Lined Chub Cherokee Darter
A52A States Georgia  A52B States Georgia  System AS Code D041 D049	a 100.09  a 100.09  Targets  Aquatic Syst.  transitional stre.	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  em Description ams, Piedmont to Ri	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 5.2 80.3%	GAP  GAP  3  GAP  3  GAP  3	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%	70,032.7 Primar Reside	(a snail) acres Mott Code: Macres Map Location y Threats ential development acres Map Location y Threats ential development  Common Name Lined Chub
A52A States Georgia  A52B States Georgia  System AS Code D041 D049	a 100.09  a 100.09  Targets  Aquatic System transitional streen Piedmont strean	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  em Description ams, Piedmont to Rins	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 5.2 80.3%	GAP  GAP  3  GAP  3  GAP  3	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soci	ea: 10 ea: 7 Status 2.9% ea: 3 Status 25.0% me bunctata otti ea: 49	70,032.7 Primar Reside 35,187.5 Primar Reside	(a snail) acres Mott Code: Nacres Map Location by Threats ential development acres Map Location by Threats ential development  Common Name Lined Chub Cherokee Darter
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca	a 100.09  Targets Aquatic Syst. transitional stre. Piedmont streau	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  em Description ams, Piedmont to Rins	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 0.2% E.NLCD) 80.3% 12.0% 12.0% 13.0% 14.0% 14.0% 14.0% 15.0% 16.0	GAP  GAP  GAP  GAP  GAP  GAP  GAP  GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soc Total Ar	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata otti ea: 49 ea: 49	70,032.7 Primai Reside 35,187.5 Primai Reside	(a snail) acres Mott Code: Nacres Map Location by Threats ential development acres Map Location by Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: T
A52A States Georgia  A52B States Georgia  System 1 AS Code D041 D049 - Rockca	a 100.0%  a 100.0%  Targets  Aquatic System transitional streen Piedmont streen	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Em Description ams, Piedmont to Rins Subregions	58.9% 36.3% 4.8% Action Sit 60.6% 39.4%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% 0.2% E.NLCD) 80.3% 12.0% 12.0% 13.0% 14.0% 14.0% 14.0% 15.0% 16.0	GAP  3  GAP  3  GAP  GAP  GAP  GAP  GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soc Total Ar Subsite Ar	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata otti ea: 49 ea: 49	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal	(a snail) acres Mott Code: Macres Map Location y Threats ential development acres Map Location y Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Location
A52A States Georgia  A52B States Georgia  System AS Code D041 D049  Rockca A53 States	a 100.0%  a 100.0%  Targets  Aquatic Syst transitional streal Piedmont streal streat s	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Em Description ams, Piedmont to Rins Subregions	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% Action Sit 85.8%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% SPEC AFCO	GAP  3  GAP  3  GAP  GAP  GAP  GAP  GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineag Etheostoma soc Total Ar Subsite Ar Management	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata obtti ea: 48 Status Status	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul	(a snail) acres Mott Code: Macres Map Location y Threats ential development  acres Map Location y Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Location y Threats
A52A States Georgia  A52B States Georgia  System AS Code D041 D049  Rockca A53 States	a 100.0%  a 100.0%  Targets  Aquatic Syst transitional streal Piedmont streal streat s	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% dge and Val	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366  Total Pop. 39,366	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:  Land Use/Li Natural Agriculture Li	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	87.6% 6.9% 5.2% 0.3% 2 NLCD) 80.3% 11.9% 7.6% 0.2% Spec EL.C AFC. AFC. AFC. 11.6%	GAP  3  GAP  3  GAP  GAP  GAP  GAP  GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineag Etheostoma soc Total Ar Subsite Ar Management	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata obtti ea: 48 Status Status	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul Impour	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development
A52A States Georgia  A52B States Georgia  System AS Code D041 D049  Rockca A53 States	a 100.0%  a 100.0%  Targets  Aquatic Syst transitional streal Piedmont streal streat s	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% dge and Val	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366  Total Pop. 39,366	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:  Land Use/Li Natural Agriculture Developed Natural Agriculture Developed Land Use/Li Natural	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 4,518.3 ac.	2 NLCD) 87.6% 6.9% 5.2% 0.3%  2 NLCD) 80.3% 11.9% 7.6% 0.2% EL.C AFC AFC 87.1% 11.6% 0.9%	GAP  3  GAP  3  GAP  GAP  GAP  GAP  GAP	Io fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineag Etheostoma soc Total Ar Subsite Ar Management	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata obtti ea: 48 Status Status	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul Impour	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca  A53 States Kentuc	a 100.09  Targets Aquatic Syst transitional stree Piedmont stream astle River	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% dge and Val	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366  Total Pop. 39,366	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence:  Land Use/Li Natural Agriculture Li	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3%  P. NLCD) 80.3% 11.9% 7.6% 0.2%  Spec El. C AFC AFC AFC 11.6% 0.9% 0.4%	GAP  3  GAP	Io fluvialis Pleurocera unio Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineat Etheostoma sct Total Ar Subsite Ar Management 9,428.2 ac.	ea: 10 ea: 7 Status 2.9%  ea: 3 Status 25.0%  me bunctata obtti ea: 48 Status Status	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca  Kentuc  System  System	a 100.0%  Targets Aquatic Systitransitional streal Piedmont streal astle River  ky 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP NCP - BUFF	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% dge and Val	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366  Total Pop. 39,366	Land Use/Li Natural Agriculture Developed Water  Land Use/Li Natural Agriculture Developed Water  # Occurrence: # Occurrence: Land Use/Li Natural Agriculture Developed Water	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD)  87.6% 6.9% 5.2% 0.3%  11.9% 7.6% 0.2% EL. C AFC AFC  2. NLCD) 87.1% 11.6% 0.9% 0.4% Spec	GAP  GAP  GAP  3  GAP  GAP	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sco Total Ar Subsite Ar Management 9,428.2 ac.	ea: 10 Status 2.9%   Bea: 5 Status 2.9%   Bea: 5 Status 25.0%   Bea: 48 Status 22.2%	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul	(a snail) acres Mott Code: Nacres Map Location by Threats ential development acres Map Location by Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott Code: Tacres Map Location by Threats ential development
A52A States Georgia  A52B States Georgia  AS Code D041 D049  Rockca  A53 States Kentuc  System  AS Code	a 100.0%  Targets Aquatic System transitional stree Piedmont streen astle River  Kky 100.0%	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  SUBPE SRV  SUBP SRV  SUBPE SRV  SUBPE SRV  SUBPE SRV  SUBP SRV  SUBPE SRV  SUBP	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% dge and Val Action Sit 85.8%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366 Pop./Sq. Mi. 51	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	E NLCD)  87.6% 6.9% 0.3%  E NLCD)  80.3% 7.6% 0.2%  Spec EL C AFC AFC 4FC 11.6% 0.9% 0.4%  Spec EL C Spec EL C AFC AFC EL C AFC E	GAP  GAP  GAP  3  GAP  3  GAP  3  GAP  3  GAP  3  GAP  Codes Ta	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineage Etheosloma scc Total Ar Subsite Ar Management 9,428.2 ac.	ea: 10 Status 2.9% Status 25.0% Status 25.0% Status 22.2%	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats ential development  Common Name
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca  A53 States Kentuc  System AS Code	a 100.0%  Targets Aquatic Syst transitional stree Piedmont strear astle River  Aquatic Syst Aquatic Syst small Cumberla	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF NCP - BUFF Description and Plateau rivers, in	58.9% 36.3% 4.8% Action Sit 60.6% 39.4% Action Sit 85.8% 14.2%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366  Total Pop. 39,366	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	**NLCD)** 87.6% 6.9% 5.2% 0.3%  **NLCD)** 80.3% 11.9% 0.2%  **Spec EL.C AFCC AFCC  **Spec **EL.C AFCC  **AFC AFC  FC  **AFC AFC AFC  **AFC AFC AFC AFC  **AFC AFC AFC AFC  **AFC AFC AFC AFC AFC AFC AFC AFC AFC AFC	GAP  GAP  3  GAP  4  CO02XJ	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soc Total Ar Subsite Ar Management 9,428.2 ac.	ea: 10 Status 2.9% Status 2.9% Status 2.50%  ea: 4 Status 2.2.2%	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 93,850.7 Primai Agricul	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366 Pop./Sq. Mi. 51	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3% P. NLCD) 80.3% 11.9% 7.6% 0.2% Spec EL.C AFC. AFC. AFC.  2. NLCD) 87.1% 11.6% 0.9% 0.4% Spec EL.C AFE.AFC. AFE.AFC. AFE.AFC.	GAP  GAP  3  GAP  3  GAP  3  GAP  3  Code  B1504  QC02XJ  GAP  3 10	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sco Total Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon & Notropis ariomr	ea: 10 Status 2.9%  ea: 5 Status 2.9%  ea: 4 Status 25.0%  me me aa: 45 Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats itural practices indinents/stream modipractices  Common Name Ohio Lamprey Popeye Shiner
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca  A53 States Kentuc  System AS Code	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF NCP - BUFF Description and Plateau rivers, in	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366 Pop./Sq. Mi. 51	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3%  P. NLCD) 80.3% 11.9% 7.6% 0.2%  Spec El. C AFC 87.1% 11.6% 0.9% 0.4%  Spec El. C AFC AFC AFC AFC AFC AFC AFC AFC AFC AF	GAP  GAP  3  GAP  3  GAP  3  GAP  3  GAP  1  1  1  1  1  1  1  1  1  1  1  1  1	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineat Etheostoma sct Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na In the Management 1,428.2 ac.  rgets Scientific Na Notropis ariomr Phoxinus cumb	ea: 10 Status 2.9% ea: 5 Status 2.9% ea: 4 Status 22.2% ea: 4 Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats tural practices ndments/stream modipractices  Common Name Ohio Lamprey Popeye Shiner Blackside Dace
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366 Pop./Sq. Mi. 51	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3%  P. NLCD) 80.3% 11.9% 7.6% 0.2%  Spec El. C AFC 87.1% 11.6% 0.9% 0.4%  Spec El. C AFC AFC AFC AFC AFC AFC AFC AFC AFC AF	GAP  GAP  3  GAP  3  GAP  3  GAP  3  GAP  1  1  1  1  1  1  1  1  1  1  1  1  1	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sco Total Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon & Notropis ariomr	ea: 10 Status 2.9% ea: 5 Status 2.9% ea: 4 Status 22.2% ea: 4 Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats itural practices indinents/stream modipractices  Common Name Ohio Lamprey Popeye Shiner
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No  Census 2000  Total Pop. 33,492 Pop./Sq. Mi. 306  e: No  Census 2000  Total Pop. 1,838 Pop./Sq. Mi. 33  ley  ley  E: Yes  Census 2000  Total Pop. 39,366 Pop./Sq. Mi. 51	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% EL. C AFC 4FC AFC AFC AFC AFC AFC AFC AFC AFC AFC A	GAP  GAP  3  GAP  10  GAP  10  10  10  10  10  10  10  10  10  1	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineat Etheostoma sct Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na In the Management 1,428.2 ac.  rgets Scientific Na Notropis ariomr Phoxinus cumb	ea: 10 Status 2.9% Status 25.0% Status 22.2% Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats tural practices ndments/stream modipractices  Common Name Ohio Lamprey Popeye Shiner Blackside Dace
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	E NLCD)  87.6% 6.9% 5.2% 0.3%  E NLCD)  80.3% 11.9% 7.6% 0.2%  Spec EL C AFC AFC AFC AFC AFC AFC AFC AFC AFC AF	GAP  GAP  3  GAP  4  GAP  6  G	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sci Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon L Notropis ariomr Phoxinus cumb Etheostoma cin	ea: 10 Status 2.9%   ea: 5 Status 2.9%   mee mee mee mee a: 45 Status 22.2%   mee mee mee mee mee mee mee mee mee m	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Location by Threats ential development  acres Map Location by Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott Code: Tacres Map Location by Threats litural practices adments/stream modi practices  Common Name Ohio Lamprey Popeye Shiner Blackside Dace Ashy Darter
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	**NLCD)** 87.6% 6.9% 5.2% 0.3%  **NLCD)** 80.3% 11.9% 7.6% 0.2%  **Spec EL. C AFCC AFCC AFCC AFCC AFCC AFCC AFCC AF	GAP  GAP  3  GAP  4  GAP  4  GAP  4  GAP  4  GAP  4  GAP  6  G	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sci Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon b Notropis ariomr Phoxinus cumb Etheostoma cin Letheostoma cin Rotropis ariomr Phoxinus cumb Letheostoma cin Letheostoma cin Letheostoma cin Rotropis ariomr Phoxinus cumb Letheostoma cin Alasmidonta att	ea: 10 Status 2.9%  ea: 5 Status 2.9%  ea: 4 Status 25.0%  me me a: 45 Status 22.2%  me me me aream me ataa ropurpure.	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	IMGA	GAP  GAP  3  GAP  3  GAP  3  Code  B1504  COO2XJ  GAP  3 10  COO2XJ  GAP  3 10  COO2XJ	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineage Etheostoma sco Total Ar Management 9,428.2 ac.  rgets Scientific Na Lichthyomyzon b Notropis ariomr Phoxinus cumb Etheostoma cumb Etheostoma can Alasmidonta att Alasmidonta	ea: 10 Status 2.9% ea: 3 Status 2.9% ea: 4 Status 25.0% ea: 4 Status 22.2% erlandens ereumung erlandens ereu	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Ohio Lamprey Popeye Shiner Blackside Dace Ashy Darter Olive Darter Cumberland Elktoe Elktoe
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	P. NLCD) 87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% Spec El. C AFC AFC AFC AFC AFC AFC AFC AFC AFC AF	GAP  GAP  3  GAP  4  GAP  4  GAP  6  GAP  7  7  7  7  7  7  7  7  7  7  7  7  7	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  Figets Scientific Na Hybopsis linear Etheostoma sci Total Ar Subsite Ar Management 9,428.2 ac.  Figets Scientific Na Ichthyomyzon L Ichthy	ea: 10 Status 2.9% Status 2.9% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Map Locationy Threats ential development  Common Name Ohio Lamprey Popeye Shiner Blackside Dace Ashy Darter Olive Darter Cumberland Elktoe Elktoe Slippershell Mussel
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	E NLCD)  87.6% 6.9% 5.2% 0.3% 11.9% 7.6% 0.2% Spec EL. C AFC. AFC. AFC. AFC. AFC. AFC. AFC. AFC	GAP  GAP  3  GAP  4  GOOZXJ  GAP  4  GOOZXJ  GAP  6  GAP  7  6  GAP  7  7  7  7  7  7  7  7  7  7  7  7  7	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  Figets Scientific Na Hybopsis lineag Etheosloma soc Total Ar Subsite Ar Management 9,428.2 ac.  Figets Scientific Na Inhipyomyzon E Notropis ariomr Phoxinus cumb Etheosloma cin Percina squama Alasmidonta ati Alasmidonta vir Medionidus com Medi	ea: 10 Status 2.9% Status 2.9% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott Code:
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Targets Aquatic Syst system of the	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description d Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	**NLCD)** 87.6% 6.9% 5.2% 0.3%  **ENLCD)** 80.3% 11.9% 7.6% 0.2%  **Spec EL.C AFCC AFCC AFCC AFCC AFCC AFCC AFCC AF	GAP  GAP  3  GAP  4  GAP  4  GAP  4  GAP  4  GAP  6  G	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma soc Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon E Notropis ariomr Phoxinus cumb Etheostoma cin Percina squam Alasmidonta un Alasmidonta un Medionidus con Pegias fabula	ea: 10 Status 2.9% Status 2.9% Status 25.0%  me me dellium nus dellium dellium nus dellium dellium nus dellium dellium dellium dellium nus dellium	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott Code:
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Ky 100.09  Targets Aquatic Syst small Cumberland mc	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description and Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	*** NLCD)  87.6% 6.9% 5.2% 5.2% 7.6% 80.3% 11.9% 7.6% 9.2%  **** **** **** **** **** **** *** **	GAP  GAP  3  GAP  4  GAP  6  G	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis linear Etheostoma sox Total Ar Subsite Ar Management 9,428.2 ac.  Rotropis ariomr Phoxinus cumb Etheostoma cin Lithyomyzon L Notropis ariomr Phoxinus cumb Etheostoma cin Alasmidonta uri Medionidus cor Medionidus cor Medionidus cor Pegias fabula Pleurobema ovi	ea: 10 Status 2.9%  ea: 5 Status 2.9%  ea: 4 Status 25.0%  me me dellium nus erenum nus	70,032.7 Primai Reside 35,187.5 Primai Reside 93,850.7 93,850.7 Primai Agricul Impout Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Ky 100.09  Targets Aquatic Syst small Cumberland mc	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description and Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	MGA	GAP  GAP  GAP  3  GAP  4  GAP  4  GAP  4  GAP  4  GAP  6  GAP	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  Scientific Na Hybopsis linear Etheostoma sco Total Ar Subsite Ar Management 9,428.2 ac.  In the scientific Na Notropis ariomr Phoxinus cumb Etheostoma cin Phercina squama Alasmidonta art Alasmidonta vir Medionidus cor Pegias fabula Pleurobema ow Plychobranchus	ea: 10 Status 2.9%  ea: 3 Status 2.9%  ea: 4 Status 25.0%  me ea: 45 Status 22.2%  me ea: 45 Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Olio Lamprey Popeye Shiner Blackside Dace Ashy Darter Olive Darter Cumberland Elktoe Elktoe Slippershell Mussel Cumberland Moccasir Littlewing Pearlymuss Tennessee Clubshell Fluted Kidneyshell
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Ky 100.09  Targets Aquatic Syst small Cumberland mc	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description and Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	MGA	GAP  GAP  3  GAP  4  GAP  6  G	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  Scientific Na Hybopsis linear Etheostoma sco Total Ar Subsite Ar Management 9,428.2 ac.  In the scientific Na Notropis ariomr Phoxinus cumb Etheostoma cin Phercina squama Alasmidonta art Alasmidonta vir Medionidus cor Pegias fabula Pleurobema ow Plychobranchus	ea: 10 Status 2.9%  ea: 3 Status 2.9%  ea: 4 Status 25.0%  me ea: 45 Status 22.2%  me ea: 45 Status 22.2%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Ky 100.09  Targets Aquatic Syst small Cumberland mc	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description and Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	NLCD  87.6% 6.9%   0.3%   11.9%   7.6%   0.2%	GAP  GAP  GAP  GAP  3  GAP  4	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  Scientific Na Hybopsis linear Etheostoma sco Total Ar Subsite Ar Management 9,428.2 ac.  In the scientific Na Notropis ariomr Phoxinus cumb Etheostoma cin Phercina squama Alasmidonta art Alasmidonta vir Medionidus cor Pegias fabula Pleurobema ow Plychobranchus	ea: 10 Status 2.9% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 22.2% Status 22.2% Status 22.2% Status 25.0%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail) acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Map Locationy Threats ential development  Common Name Olio Lamprey Popeye Shiner Blackside Dace Ashy Darter Olive Darter Cumberland Elktoe Elktoe Slippershell Mussel Cumberland Moccasir Littlewing Pearlymuss Tennessee Clubshell Fluted Kidneyshell
A52A States Georgia  A52B States Georgia  System AS Code D041 D049 - Rockca A53 States Kentuc  System AS Code C006 D024	a 100.09  Targets Aquatic Syst transitional stree Piedmont strear astle River  Ky 100.09  Targets Aquatic Syst small Cumberland mc	Subregions SRV - BUFF OUT SRV  Subregions SRV - BUFF SRV  Subregions SRV - BUFF SRV  Subregions MCP - BUFF MCP - BUFF  em Description and Plateau rivers, in untain, plateau strea	58.9% 36.3% 4.8%  Action Sit 60.6% 39.4%  Action Sit 85.8% 14.2%	e: No	Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence: Land Use/L: Natural Agriculture Developed Water  Land Use/L: Natural Agriculture Developed Water  # Occurrence:	and Cover (1992 61,360.7 ac. 4,804.2 ac. 3,623.5 ac. 244.5 ac. and Cover (1992 28,247.0 ac. 4,186.8 ac. 2,691.5 ac. 61.8 ac. s 1 1 1 and Mountain and Cover (1992 430,111.0 ac. 57,223.3 ac. 4,518.3 ac.	NLCD  87.6%   6.9%	GAP  GAP  GAP  GAP  3  GAP  4	In fluvialis Pleurocera unic Total Ar Subsite Ar Management 2,045.0 ac.  Subsite Ar Management 8,813.3 ac.  rgets Scientific Na Hybopsis lineage Etheostoma soc Total Ar Subsite Ar Management 9,428.2 ac.  rgets Scientific Na Ichthyomyzon E Notropis ariomr Phoxinus cumb Etheostoma cin Percina squama Alasmidonta wir Medionidus con Pegias fabula Pleurobema on Pleychobranchius Toxolasma livid Villosa taeniata	ea: 10 Status 2.9% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 25.0% Status 22.2% Status 22.2% Status 22.2% Status 25.0%	70,032.7 Primal Reside 35,187.5 Primal Reside 93,850.7 93,850.7 Primal Agricul Impoul Mining	(a snail)  acres Mott Code: Nacres Map Locationy Threats ential development  acres Map Locationy Threats ential development  acres Map Locationy Threats ential development  Common Name Lined Chub Cherokee Darter acres Mott Code: Tacres Mott Code:

Rocky River			DU: Upper Cun	horland Divor			Total Area:	78,737.2 acres Mott Code: TC
	A -41 Ol4		Do. Opper Curi	iberiand Niver				
A54	Action Site			1.0 //000	op:			78,737.2 acres Map Location:
States	Subregions	Census 2000		nd Cover (1992		GAP	Management Status	
Tennessee 100.0%	NCP - BUFF 51.3%	Total Pop. 2,607	Natural	69,368.6 ac.	88.1%			Agricultural practices
	NCP 38.8%	Pop./Sq. Mi. 21	Agriculture	8,579.0 ac.	10.9%			Impoundments/stream modific
	OUT 9.8%		Developed	563.4 ac.	0.7%			Mining practices
			Water	224.9 ac.	0.3%			
System Targets					Spec	ies Ta	rgets	
AS Code Aquatic System	n Description		# Occurrences		EI. C	ode	Scientific Name	Common Name #
D026 transitional stream	ns Cumberland plateau to High	land Rim	1		AFCJ	B28B2	Notropis rupestris	Bedrock Shiner
					AFCC	QC02B3	Etheostoma forbesi	Barrens Darter
					AFCC	QC02X	Etheostoma sp. cf. E. stig	gmaeum Bluemask or Jewel Dart
					ICMA	L07690	Cambarus pristinus	(a crayfish)
					IIODO	012210	Ophiogomphus alleghan	iensis Allegheny Snaketail
					IMBI\	/28020	Medionidus conradicus	Cumberland Moccasinsl
					IMBI\	/32010	Pegias fabula	Littlewing Pearlymussel
					IMBI\	/47130	Villosa taeniata	Painted Creekshell
							Lithasia geniculata pingu	
					IMGA	SK606	Lithasia jayana	Rugose Rocksnail
Roebuck Spring		E	DU: Upper Blac	k Warrior River			Total Area:	1,752.0 acres Mott Code: MB
A55	Action Site	e: No					Subsite Area:	1,752.0 acres Map Location:
States	Subregions	Census 2000	Land Use/Lar	nd Cover (1992	NLCD)	GAP	Management Status	•
Alabama 100.0%	SRV 100.0%	Total Pop. 5,017	Developed	895.6 ac.	51.1%		•	Residential development
		Pop./Sq. Mi. 1,833	Natural	534.9 ac.	30.5%			
			Agriculture	321.4 ac.	18.3%			
System Targets			-		Spec	ies Ta	raets	
-,					El. C		Scientific Name	Common Name #
						QC0250	Etheostoma nuchale	Watercress Darter
Sequatchie River/Te	mmaaaaa Diway ahay	o Companyilla E	DU: Tennessee	Bivor Cumborl				96,350.4 acres Mott Code: TC
•			DU. Termessee	: Kiver-Cumben	anu Fiale	au		•
A56A States	Action Site	e: NO Census 2000	Land Haa/Lan	d Carray (4002	NII CD\	CAD		76,348.7 acres Map Location:
Tennessee 100.0%	Subregions NCP 98.3%	Total Pop. 31,748		nd Cover (1992	80.6%		Management Status 1,586.0 ac. 0.4%	·
Tennessee 100.0%	NCP 98.3% SCP 1.7%	Pop./Sq. Mi. 54	Agriculture	303,382.1 ac. 67,333.2 ac.	17.9%	4	1,566.0 ac. 0.4%	Agricultural practices Mining practices
	3CF 1.770	F Up./3q. IVII. 34	Developed	4,681.4 ac.	1.2%			Residential development
			Developed	4,001.4 ac.	1.270			
			Water	951.1 ac	0.3%			
AE6D	Action Sit	o: No	Water	951.1 ac.	0.3%		Subsite Area:	
A56B States	Action Site					GAP		20,001.8 acres Map Location:
States	Subregions	Census 2000	Land Use/Lar	nd Cover (1992	NLCD)		Management Status	20,001.8 acres Map Location: Primary Threats
States Alabama 69.9%	SCP 97.2%	Census 2000           Total Pop.         1,603	Land Use/Lar	nd Cover (1992 10,155.9 ac.	NLCD) 50.8%	<b>GAP</b> 3		20,001.8 acres Map Location: Primary Threats Agricultural practices
States	Subregions	Census 2000	Land Use/Lar Natural Agriculture	nd Cover (1992 10,155.9 ac. 4,697.2 ac.	NLCD) 50.8% 23.5%		Management Status	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices
States Alabama 69.9%	SCP 97.2%	Census 2000           Total Pop.         1,603	Land Use/Lar Natural Agriculture Water	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0%		Management Status	20,001.8 acres Map Location: Primary Threats Agricultural practices
States Alabama 69.9% Tennessee 30.1%	SCP 97.2%	Census 2000           Total Pop.         1,603	Land Use/Lar Natural Agriculture	nd Cover (1992 10,155.9 ac. 4,697.2 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%	3	Management Status 9.0 ac. 0.0%	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices
States           Alabama         69.9%           Tennessee         30.1%   System Targets	Subregions           SCP         97.2%           NCP         2.8%	Total Pop.         1,603           Pop./Sq. Mi.         51	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%	3	Management Status 9.0 ac. 0.0% rgets	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development
States           Alabama         69.9%           Tennessee         30.1%   System Targets AS Code Aquatic System	Subregions           SCP         97.2%           NCP         2.8%	Census 2000           Total Pop.         1,603           Pop./Sq. Mi.         51	Land Use/Lar Natural Agriculture Water	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec	3 cies Ta	Management Status 9.0 ac. 0.0%  rgets Scientific Name	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name #
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System  A001 large Ridge and Values  A002 large Ridge and Values  A002 large Ridge A002 large Ridge and Values  A002 large Ridge Ridg	Subregions           SCP         97.2%           NCP         2.8%   In Description rather	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec	3 cies Ta code QC02C2	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter
States           Alabama         69.9%           Tennessee         30.1%           System Targets           AS Code         Aquatic System           A001         large Ridge and Viccough           C002         small Ridge and Viccough	Subregions           SCP         97.2%           NCP         2.8%   In Description falley rivers, origin in Blue Ridg (alley River, origin in the Cumb	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley berland Plateau	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EI. C AFCC AFCC	3 cies Ta Code QC02C2 QC0429	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System  A001 large Ridge and Vi  002 small Ridge and Vi  0015 transitional stream	Subregions SCP 97.2% NCP 2.8%  In Description  Talley rivers, origin in Blue Ridg falley River, origin in the Cumb as, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau le and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EI. C AFCC IMBIN	3 Code QC02C2 QC0429 /25010	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter S Slabside Pearlymussel
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System A001 large Ridge and Viccomposition of the stream of t	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau ge and valley, escarpment ge and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EI. C AFCC IMBIN IMBIN	3 cies Ta code QC02C2 QC0429 /25010 /35090	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System  A001 large Ridge and Vic  C002 small Ridge and Vic  D015 transitional stream  D016 transitional stream	Subregions SCP 97.2% NCP 2.8%  In Description  Talley rivers, origin in Blue Ridg falley River, origin in the Cumb as, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau ge and valley, escarpment ge and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EL. C AFCC AFCC IMBIN IMBIN	3 Code QC02C2 QC0429 /25010 /35090 /43020	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter S Slabside Pearlymussel Ohio Pigtoe Pale Lilliput
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System A001 large Ridge and Viccomposition of the stream of t	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau ge and valley, escarpment ge and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EI. C AFCC AFCC IMBIN IMBIN IMBIN IMGA	3 cies Ta code QC02C2 QC0429 /25010 /35090 /43020 SJ045	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Royal Springsnail
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System A001 large Ridge and Viccomposition of the stream of t	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau ge and valley, escarpment ge and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EL C AFCC IMBIN IMBIN IMBIN IMGA IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 SJ045 SK514	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Royal Springsnail Anthony Riversnail
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System A001 large Ridge and Viccomposition of the stream of t	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau ge and valley, escarpment ge and valley, escarpment	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EL C AFCC IMBIN IMBIN IMBIN IMGA IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 SJ045 SK514	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Royal Springsnail
States           Alabama         69.9%           Tennessee         30.1%    System Targets  AS Code Aquatic System A001 large Ridge and Viccomposition of the stream of t	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau le and valley, escarpment le and valley, escarpment leau sandstones	Land Use/Lar Natural Agriculture Water Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EL C AFCC IMBIN IMBIN IMBIN IMGA IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 SJ045 SK514	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Royal Springsnail Anthony Riversnail Telescope Hornsnail
States   Alabama   69.9%     Tennessee   30.1%     System Targets   AS Code   Aquatic System A001   large Ridge and Victor Victo	Subregions SCP 97.2% NCP 2.8%  In Description Italley rivers, origin in Blue Ridg Italiey Rivers, origin in the Cumb Its, Cumberland plateau to ridg	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau te and valley, escarpment teau sandstones	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 1 5 5 1	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EL C AFCC IMBIN IMBIN IMBIN IMGA IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 SJ045 SK514	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Royal Springsnail Anthony Riversnail Telescope Hornsnail
States   Alabama   69.9%     Tennessee   30.1%     System Targets   AS Code   Aquatic System     A001   large Ridge and Victor     C002   small Ridge and Victor     C005   transitional stream     C006   transitional stream     C007   ridge and valley stream     C008   ridge and valley stream     C009   ridge and valley stream	Subregions  SCP 97.2% NCP 2.8%  In Description In Description In Description In Description In Blue Ridger (alley River, origin in Blue Ridger (alley River, origin in the Cumbra, Cumberland plateau to ridger (alley River, origin in the Cumbra, Cumberland plateau to ridger (alley River, origin in the Cumbra, Cumberland plateau to ridger (alley River, origin in Blue Ridger)  Reserved  Action Situspedions	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau te and valley, escarpment teau sandstones	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 5 1 1 5 1 1 COURTED TO THE TO	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% Spec EL. C AFCC AFCC MBIN IMBIN IMBIN IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status  9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particular Anthony Riversnail Telescope Hornsnail 18,569.8 acres Mott Code: ME 18,569.8 acres Map Location
States   Alabama   69.9%     Tennessee   30.1%     System Targets   AS Code   Aquatic System A001   large Ridge and Victor Victo	Subregions  SCP 97.2%  NCP 2.8%  In Description  falley rivers, origin in Blue Ridg  falley River, origin in the Cumb  ss, Cumberland plateau to ridg  treams, few headwaters in plat  Action Site	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau le and valley, escarpment le and valley, escarpment leau sandstones	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 5 1 1 5 1 1 COURTED TO THE TO	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% Spec EL. C AFCC AFCC MBIN IMBIN IMBIN IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particultural practices Anthony Riversnail Telescope Homsnail 18,569.8 acres Mott Code: MB 18,569.8 acres Map Location:
States   Alabama 69.9%     Tennessee 30.1%     Tennessee 30.1%     System Targets     AS Code   Aquatic System A001   large Ridge and Victor     C002   small Ridge and Victor     C005   transitional stream     C006   transitional stream     C007   transitional stream     C008   transitional stream     C009	Subregions  SCP 97.2% NCP 2.8%  In Description Illey rivers, origin in Blue Ridg (alley River, origin in the Cumb is, Cumberland plateau to ridg is, Cumberland plateau to ridg ireams, few headwaters in plat  Action Site Subregions	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley berland Plateau ge and valley, escarpment ge and valley, escarpment ge and valley, escarpment ge and valley.	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 5 5 1 1	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8%  Spec EI. C AFCC AFCC IMBIN IMBIN IMGA IMGA	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particular Anthony Riversnail Telescope Hornsnail 18,569.8 acres Mott Code: ME 18,569.8 acres Map Location
States   Alabama 69.9%     Tennessee 30.1%     Tennessee 30.1%     System Targets     AS Code   Aquatic System A001   large Ridge and Victor     C002   small Ridge and Victor     C005   transitional stream     C006   transitional stream     C007   transitional stream     C008   transitional stream     C009	Subregions  SCP 97.2% NCP 2.8%  In Description Illey rivers, origin in Blue Ridg (alley River, origin in the Cumb is, Cumberland plateau to ridg is, Cumberland plateau to ridg ireams, few headwaters in plat  Action Site Subregions	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley berland Plateau te and valley, escarpment teau sandstones  Ee: No Census 2000 Total Pop. 1,182	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% 22.0% Spec EL. C AFCC AFCC MBIN IMBIN IMGA IMGA IMGA IMGA 1MGA 1MGA 1MGA 1MGA 1MGA 1MGA 1MGA 1	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particular Anthony Riversnail Telescope Hornsnail 18,569.8 acres Mott Code: ME 18,569.8 acres Map Location
States   Alabama 69.9%     Tennessee 30.1%     System Targets     AS Code   Aquatic System 4001   large Ridge and Victor 10015   transitional stream 10016   transitional stream 10021   ridge and valley st	Subregions  SCP 97.2% NCP 2.8%  In Description Illey rivers, origin in Blue Ridg (alley River, origin in the Cumb is, Cumberland plateau to ridg is, Cumberland plateau to ridg ireams, few headwaters in plat  Action Site Subregions	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley berland Plateau te and valley, escarpment teau sandstones  Ee: No Census 2000 Total Pop. 1,182	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% EI. C AFCC AFCC IMBIN IMGA IMGA IMGA IMGA IMGA 1MGA 1MGA 1MGA 1MGA 1MGA 1MGA 1MGA 1	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area:	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particultural practices Anthony Riversnail Telescope Homsnail 18,569.8 acres Mott Code: MB 18,569.8 acres Map Location:
States  Alabama 69.9% Tennessee 30.1%  System Targets  AS Code Aquatic System A001 large Ridge and Vi 2002 small Ridge and Vi 2015 transitional stream 2021 ridge and valley st  Shoal Creek A57  States  Alabama 100.0%	Subregions  SCP 97.2% NCP 2.8%  In Description Illey rivers, origin in Blue Ridg (alley River, origin in the Cumb is, Cumberland plateau to ridg is, Cumberland plateau to ridg ireams, few headwaters in plat  Action Site Subregions	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley berland Plateau te and valley, escarpment teau sandstones  Ee: No Census 2000 Total Pop. 1,182	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 1 5 5 1  DU: Coosa Rivi  Land Use/Lar Natural Agriculture Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% 22.0% Spec El. C AFCC AFCC MBIN IMBIN IMBIN IMGA IMGA IMGA  NLCD) 86.7% 13.0% 0.1% 0.1%	3 Code QC02C2 QC0429 /25010 /35090 /43020 .SJ045 .SK514 .SK719	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area: Management Status	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particular Anthony Riversnail Telescope Hornsnail 18,569.8 acres Mott Code: ME 18,569.8 acres Map Location
States   Alabama 69.9%     Tennessee 30.1%     System Targets     AS Code   Aquatic System 4001   large Ridge and Victor 10015   transitional stream 10016   transitional stream 10021   ridge and valley st	Subregions  SCP 97.2% NCP 2.8%  In Description In Description In Description In Description In Blue Ridge In Item In I	Census 2000  Total Pop. 1,603 Pop./Sq. Mi. 51  ge and Ridge and Valley perland Plateau le and valley, escarpment le and valley, escarpment teau sandstones  E e: No Census 2000  Total Pop. 1,182 Pop./Sq. Mi. 41	Land Use/Lar Natural Agriculture Water Developed  # Occurrences 1 1 1 1 5 5 1  DU: Coosa Rivi  Land Use/Lar Natural Agriculture Developed	nd Cover (1992 10,155.9 ac. 4,697.2 ac. 4,393.1 ac. 756.5 ac. 756.5 ac.	NLCD) 50.8% 23.5% 22.0% 3.8% 22.0% Spec El. C AFCC AFCC MBIN IMBIN IMBIN IMGA IMGA IMGA  NLCD) 86.7% 13.0% 0.1% 0.1%	3  cies Ta  code  code  code/25010  //35090  //43020  cs.045  s.K514  GAP	Management Status 9.0 ac. 0.0%  rgets Scientific Name Etheostoma denoncourti Percina tanasi Lexingtonia dolabelloides Pleurobema cordatum Toxolasma cylindrellus Pyrgulopsis ogmorhaphe Leptoxis crassa anthonyi Pleurocera walkeri Total Area: Subsite Area: Management Status	20,001.8 acres Map Location: Primary Threats Agricultural practices Mining practices Residential development  Common Name # Golden Darter Snail Darter Snail Darter Slabside Pearlymussel Ohio Pigtoe Pale Lilliput Particultural practices Anthony Riversnail Telescope Homsnail 18,569.8 acres Mott Code: MB 18,569.8 acres Map Location:

	k Black Wa	arrior			E	DU: Upper Blac	k Warrior River			Total Area:	190	,031.9 acres Mott Code: MBB
A58A			Action Sit	e. No						Subsite Area:	98	,508.2 acres Map Location:
States		Subregions		Census 2000		Land Use/Lan	d Cover (1992	NI CD)	GAP	Management Sta		
Alabama	100.0%	SCP	79.8%		,542	Natural	94,328.4 ac.	95.8%		0,415.4 ac. 51.		Incompatible forestry practices
		SCP - BUFF		Pop./Sq. Mi.	10	Agriculture	2,861.1 ac.	2.9%		5,762.5 ac. 26.		Mining practices
						Developed	1,188.4 ac.	1.2%				0.
						Water	130.9 ac.	0.1%				
A58B		A	Action Sit	e: No						Subsite Area:	71	,187.6 acres Map Location:
States		Subregions		Census 2000		Land Use/Lan	d Cover (1992	NLCD)	GAP	Management Sta		Primary Threats
Alabama	100.0%	SCP	100.0%	Total Pop.	901	Natural	66,452.4 ac.	93.3%		3,843.1 ac. 75.		Incompatible forestry practices
				Pop./Sq. Mi.	8	Developed	2,366.1 ac.	3.3%	1	4.9 ac. 0.	0%	Mining practices
						Agriculture	2,292.0 ac.	3.2%				
						Water	76.6 ac.	0.1%				
A58C		A	Action Sit	e: No						Subsite Area:	20	,336.1 acres Map Location:
States		Subregions		Census 2000		Land Use/Lan	d Cover (1992	NLCD)	GAP	Management Sta	tus	Primary Threats
Alabama	100.0%	SCP	100.0%	Total Pop. 1	,400	Natural	14,375.8 ac.	70.7%		3,516.7 ac. 17.	3%	Incompatible forestry practices
				Pop./Sq. Mi.	44	Agriculture	5,545.1 ac.	27.3%	1			Mining practices
						Developed	393.1 ac.	1.9%				
						Water	22.2 ac.	0.1%				
System Target	ts							Spe	ecies Ta	rgets		
AS Code Aqu	uatic System	Description				# Occurrences		EI.	Code	Scientific Name		Common Name # F
0024 Cum	nberland mount	tain, plateau strea	ams			3		AAA	AAE0101	Necturus alabamens	sis	Black Warrior Waterdog
								AFC	CJB5203	Lythrurus bellus aleg	notus	Pretty Shiner
								AFC	CQC02??	Etheostoma sp. cf. E	. bellat	or Sipsey Darter
								AFC	CQC02??	Etheostoma sp. cf. E	. zonis	tium Blueface Darter
										Etheostoma douglas		Tuskaloosa Darter
										Etheostoma phytoph		Rush Darter
										Percina sp. cf. P. ma		
										Sternotherus depres		Flattened Musk Turtle
											ouo	Alabama Spike
										Elliptio arctata		Delicate Spike
									3IV21140 3IV28010	Lampsilis perovalis	20112	Orangenacre Mucket Alabama Moccasinshell
										Medionidus acutissir	nus	
										Pleurobema furvum	!!	Dark Pigtoe
									IV38020	Ptychobranchus gree	enii	Triangular Kidneyshell
									3IV47080	Villosa nebulosa		Alabama Rainbow
Sipsey Rive	er				E	DU: Upper Tom	ibigbee/Lower B	Black Wa	arrior Riv	ers Total Area:	504	,659.2 acres Mott Code: MBB
A59		A	Action Sit	e: No						Subsite Area:	504	,659.2 acres Map Location:
States		Subregions		Census 2000		Land Use/Lan	d Cover (1992	NLCD)	GAP	Management Sta	tus	Primary Threats
Alabama	100.0%	OUT	66.3%	Total Pop. 18	,092	Natural	432,723.2 ac.	85.7%	3	39.7 ac. 0.	0%	Incompatible forestry practices
		SCP - BUFF	18.8%	Pop./Sq. Mi.	23	Agriculture	46,103.0 ac.	9.1%				Residential development
		SCP	14.8%			Developed	24,335.0 ac.	4.8%			•	·
						Water	1,498.0 ac.	0.3%				
<b>T</b>	4-					11.3.10.	.,		,			
System Target		5				# Occurrences			cies Ta			O N "5
AS Code Aqu			h - O hd	and Distance		# Occurrences			Code	Scientific Name		Common Name # F
		rivers, origin in t								Noturus munitus		Frecklebelly Madtom
		s, Cumberland pla	ateau to coa	istal plain		3				Etheostoma sp. cf. E		
D077 coas	stal plain strear	ns				4				Stizostedion sp. cf. S		
									3IV06010	Arcidens confragosu	IS	Rock Pocketbook
										Ellipsaria lineolata		Butterfly
									BIV13010 BIV14030	Elliptio arca		Alabama Spike
								IMB	3IV14030			Alabama Spike Delicate Spike
								IMB	BIV14030 BIV14040			•
								IMB IMB	BIV14030 BIV14040 BIV21120	Elliptio arctata Lampsilis ornata		Delicate Spike Southern Pocketbook
								IMB IMB IMB	BIV14030 BIV14040 BIV21120	Elliptio arctata Lampsilis ornata Lampsilis perovalis	ata ələl	Delicate Spike Southern Pocketbook Orangenacre Mucket
								IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011	Elliptio arctata Lampsilis omata Lampsilis perovalis Lasmigona complant	ata alal	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter
								IMB IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta		Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell
								IMB IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020 BIV28010	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir	nus	Delicate Spike Southern Pocketbook Orangenacre Mucket aamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell
								IMB IMB IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020 BIV28010 BIV31010	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta Medionidus acutissir Obovaria jacksonian	nus	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut
								IMB IMB IMB IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020 BIV31010 BIV31060	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor	nus a	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut
								IMB IMB IMB IMB IMB IMB IMB	BIV14030 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020 BIV31010 BIV31060 BIV31060 BIV35110	Elliptio arctata Lampsilis omata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisum	mus a	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell
								IME	8IV14030 8IV14040 8IV21120 8IV221140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35110 8IV35230	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat	mus a	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell
								IME	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35230 8IV35230 8IV37040	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus	nus a n um	Delicate Spike Southern Pocketbook Orangenacre Mucket Delicate Sandshell Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter
								IMB IMB IMB IMB IMB IMB IMB IMB IMB IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35110 8IV35230 8IV37040 8IV39140	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana	mus a n um	Delicate Spike Southern Pocketbook Orangenacre Mucket Deamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf
								IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35230 8IV35230 8IV37040 8IV39140 8IV42020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilius inflatus Quadrula rumphiana Strophitus subvexus	mus na n num	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel
								IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35110 8IV35230 8IV37040 8IV39140	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana	mus na n num	Delicate Spike Southern Pocketbook Orangenacre Mucket Deamensis Alabama Heelspilitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelspilitter Ridged Mapleleaf
South Chick	kamauga <sup>,</sup>	Creek			E	<b>DU</b> : Tennessee	- River-Cumberla	IME	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35110 8IV35230 8IV39140 8IV42020 8IV45020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilius inflatus Quadrula rumphiana Strophitus subvexus	nus ea n num	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot
	kamauga (		Action Sit	re: No	E	DU: Tennessee	River-Cumberla	IME	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31010 8IV31060 8IV35110 8IV35230 8IV39140 8IV42020 8IV45020	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilius inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform	nus a n um es 278	Delicate Spike Southern Pocketbook Orangenacre Mucket Deamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB
	kamauga .			e: No Census 2000	E		River-Cumberla	IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV221140 8IV22011 8IV26020 8IV28010 8IV35110 8IV35110 8IV35230 8IV35230 8IV37040 8IV39140 8IV45020 8IV45020	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria inicolor Pleurobema decisum Pleurobema decisum Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area:	nus a n um es 278	Delicate Spike Southern Pocketbook Orangenacre Mucket Deamensis Alabama Heelspilitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelspilitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB6
A60	<b>kamauga</b> 87.9%	A				Land Use/Lan		IMB	BIV14030 BIV14040 BIV14040 BIV21120 BIV21140 BIV22011 BIV26020 BIV28010 BIV35110 BIV35110 BIV35230 BIV3520	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilius inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta	nus a n um es 278 278	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB0
A60 States		Subregions		Census 2000		Land Use/Lan	d Cover (1992	IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV22011 8IV26020 8IV28010 8IV31060 8IV31060 8IV35230 8IV3520 8IV3520 8IV3520 8IV3520 8IV3520 8IV3520 8IV3520 8IV	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3.	mus n n n um es 278 278 atus 5%	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBC
A60 States Georgia	87.9%	Subregions SRV	85.5%	Census 2000 Total Pop. 157	7,880	Land Use/Lan	id Cover (1992 186,725.6 ac.	IMB	8IV14030 8IV14040 8IV21120 8IV21140 8IV21140 8IV22011 8IV26020 8IV28010 8IV31060 8IV31060 8IV35230 8IV37040 8IV35230 8IV42020 8IV42020 8IV42020 8IV42020 8IV42020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3.	mus n n n um es 278 278 atus 5%	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 6887.5 acres Map Location: Primary Threats Industrial/municipal pollution
A60 States Georgia	87.9%	Subregions SRV NRV	85.5% 8.1%	Census 2000 Total Pop. 157	7,880	Land Use/Lan Natural Agriculture	d Cover (1992 186,725.6 ac. 71,733.0 ac.	IMB	BIV14030 BIV14040 BIV21040 BIV21120 BIV22011 BIV26020 BIV28010 BIV36020 BIV31010 BIV35110 BIV35230 BIV37040 BIV35230 BIV37040 BIV42020 BIV45020 BIV45020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3.	mus n n n um es 278 278 atus 5%	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 6887.5 acres Map Location: Primary Threats Industrial/municipal pollution
States Georgia Tennessee	87.9% 12.1%	Subregions SRV NRV	85.5% 8.1%	Census 2000 Total Pop. 157	7,880	Land Use/Lan  Natural  Agriculture  Developed	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IME	BIV14030 BIV14040 BIV21040 BIV21120 BIV22011 BIV26020 BIV28010 BIV36020 BIV31010 BIV35110 BIV35230 BIV37040 BIV42020 BIV42020 BIV45020 BIV45020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria jacksonian Obovaria unicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.	mus n n n um es 278 278 atus 5%	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 6887.5 acres Map Location: Primary Threats Industrial/municipal pollution
States Georgia Tennessee	87.9% 12.1%	Subregions SRV NRV SCP	85.5% 8.1%	Census 2000 Total Pop. 157	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV14040 BIV21120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31010 BIV31010 BIV35110 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV	Elliptio arctata Lampsilis ormata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissih Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.	mus n n n um es 278 278 atus 5%	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development
States Georgia Tennessee  System Target AS Code Aqu	87.9% 12.1% hts uatic System	Subregions SRV NRV SCP	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan  Natural  Agriculture  Developed	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV1120 BIV1120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31010 BIV31010 BIV35230 BIV37040 BIV35230 BIV37040 BIV39140 BIV45020 BIV45	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilius inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.	mus n n um  278 278 00%	Delicate Spike Southern Pocketbook Orangenacre Mucket Jamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBt 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name #F
States Georgia Tennessee  System Target AS Code Aqu C001 sma	87.9% 12.1% Its uatic System	Subregions SRV NRV SCP  Description ley rivers, origin in	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IME	BIV14030 BIV14040 BIV14040 BIV1120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31060 BIV31060 BIV35230 BIV31060 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV42020 BIV45020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.	mus n n um  278 278 00%	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 6887.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F
System Targer AS Code Aqu  2001 sma  2003 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin in earms	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IME	BIV14030 BIV14030 BIV14040 BIV1120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31060 BIV31060 BIV31060 BIV35230 BIV37040 BIV35230 BIV450220 BIV450200  BIV4502000 BIV45020000 BIV450200000000000000000000000000000000000	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta Medionidus acutissir Obovaria unicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.	mus na n num es 278 278 278 0%	Delicate Spike Southern Pocketbook Orangenacre Mucket Jamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F Hellbender Popeye Shiner
A60 States Georgia Tennessee  System Target AS Code Aqu. C001 sma 0003 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV14040 BIV21040 BIV21120 BIV21140 BIV22011 BIV26020 BIV28010 BIV330100 BIV331060 BIV335110 BIV35230 BIV35230 BIV37040 BIV42020	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complan Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria jacksonian Obovaria inicolor Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform  Total Area: Subsite Area: 3,717.5 ac. 3. 5,449.0 ac. 2.	mus na n num es 278 278 278 0%	Delicate Spike Southern Pocketbook Orangenacre Mucket Jamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot  687.5 acres Mott Code: TCBi 687.5 acres Mott Code: TCBi 7687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F Hellbender Popeye Shiner Ashy Darter
A60 States Georgia Tennessee  System Target AS Code Aqu. C001 sma 0003 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV14040 BIV21120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV35110 BIV35110 BIV35230 BIV37040 BIV35230 BIV45020 BIV	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alles Notropis ariommules Etheostoma cinereuu Percina tanasi	mus a n n um  278 278 55% 0%  ganiens	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB0 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F Hellbender Popeye Shiner Ashy Darter Snail Darter
A60 States Georgia Tennessee  System Target AS Code Aqu  C001 sma  0003 ridge 0004 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV1120 BIV21120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31010 BIV31010 BIV31010 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV39140 BIV45020 BIV4	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alles Notropis ariommus Etheostoma cinereur Percina tanasi Fusconaia subrotund	nus a n n uum es 278 278 00%  ganiens m	Delicate Spike Southern Pocketbook Orangenacre Mucket Jamensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB( 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F Ashy Darter Ashy Darter Snail Darter Longsolid
A60 States Georgia Tennessee  System Target AS Code Aqu  C001 sma  0003 ridge 0004 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IMBI IMBI IMBI IMBI IMBI IMBI IMBI IMBI	BIV14030 BIV14040 BIV1120 BIV21120 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31010 BIV31010 BIV31010 BIV35230 BIV37040 BIV35230 BIV37040 BIV35230 BIV39140 BIV45020 BIV4	Elliptio arctata Lampsilis ornata Lampsilis perovalis Lasmigona complan. Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophitus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alles Notropis ariommules Etheostoma cinereuu Percina tanasi	nus a n n uum es 278 278 00%  ganiens m	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCB0 687.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F Hellbender Popeye Shiner Ashy Darter Snail Darter
Georgia Tennessee  System Target AS Code Aqu C001 sma D003 ridge D004 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	IME	SIV14030   SIV14040   SIV14040   SIV21120   SIV21120   SIV21120   SIV22011   SIV26020   SIV28010   SIV31010   SIV31010   SIV35230   SIV31060   SIV35230   SIV35230	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complana Ligumia recta Medionidus acutissir Obovaria jacksonian Obovaria unicolor Pleurobema decisun Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alles Notropis ariommus Etheostoma cinereur Percina tanasi Fusconaia subrotund	nus a n n uum es 278 278 00%  gganiens m m	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBC 687.5 acres Map Location: I Primary Threats Industrial/municipal pollution Residential development  Common Name # P Sis Hellbender Popeye Shiner Ashy Darter Snail Darter Longsolid
A60 States Georgia Tennessee  System Target AS Code Aqu C001 sma D003 ridge D004 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	MB	SIV14030   SIV14040   SIV14040   SIV21120   SIV21120   SIV21120   SIV22011   SIV26020   SIV28010   SIV31010   SIV31010   SIV35230   SIV31060   SIV35230   SIV35230	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta Medionidus acutissir Obovaria unicolor Pleurobema decisum Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alley Notropis ariommus Etheostoma cinereus Percina tanasi Etheostoma cinereus Percina tanasi Plethobasus cyphyu	nnus a n n num 278 278 278 278 00%  ganiens	Delicate Spike Southern Pocketbook Orangenacre Mucket Alabama Heelsplitter Black Sandshell Alabama Mecasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot 687.5 acres Mott Code: TCBI 6887.5 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  Common Name # F wis Hellbender Popeye Shiner Ashy Darter Snail Darter Longsolid Tennessee Heelsplitter
A60 States Georgia Tennessee  System Target AS Code Aqu C001 sma D003 ridge D004 ridge	87.9% 12.1% hts uatic System all ridge and val e and valley str e and valley str	Subregions SRV NRV SCP  Description ley rivers, origin is eams	85.5% 8.1% 6.4%	Census 2000 Total Pop. 157 Pop./Sq. Mi.	7,880 363	Land Use/Lan Natural Agriculture Developed Water	d Cover (1992 186,725.6 ac. 71,733.0 ac. 19,798.2 ac.	MB	BIV14030 BIV14040 BIV14040 BIV21040 BIV21120 BIV21120 BIV22011 BIV26020 BIV28010 BIV31010 BIV31010 BIV35110 BIV35110 BIV35230 BIV37040 BIV35230 BIV37040 BIV35020 BIV36020 BIV36020 BIV36020 BIV37040 BIV37040 BIV35030 BIV35030 BIV35030 BIV35030 BIV35030 BIV35030	Elliptio arctata Lampsilis ornata Lampsilis ornata Lampsilis perovalis Lasmigona complant Ligumia recta Medionidus acutissir Obovaria unicolor Pleurobema decisum Pleurobema decisum Pleurobema perovat Potamilus inflatus Quadrula rumphiana Strophilus subvexus Truncilla donaciform Total Area: Subsite Area: Management Sta 9,717.5 ac. 3. 5,449.0 ac. 2.  rgets Scientific Name Cryptobranchus alley Notropis ariommus Etheostoma cinereus Percina tanasi Etheostoma cinereus Percina tanasi Plethobasus cyphyu	mus a n n es 278 278 278 00%	Delicate Spike Southern Pocketbook Orangenacre Mucket Damensis Alabama Heelsplitter Black Sandshell Alabama Moccasinshell Southern Hickorynut Alabama Hickorynut Alabama Hickorynut Southern Clubshell Ovate Clubshell Alabama Heelsplitter Ridged Mapleleaf Southern Creekmussel Fawnsfoot  687.5 acres Mott Code: TCB( 687.5 acres Mott Code: TCB( 687.5 acres Mott Code) Primary Threats Industrial/municipal pollution Residential development  Common Name # P  is Hellbender Popeye Shiner Ashy Darter Snail Darter Longsolid Tennessee Heelsplitter Sheepnose

South Fork	Cumberla		A -1:	14 V-		DU: Cumberla	ind Mountain		Total Area:	690,758.4 acres	
A61			Action Si						Subsite Area:	690,758.4 acres	•
States	00.00/	Subregions		Census 2000	- 070		ind Cover (1992		GAP Management Stat		
Tennessee	89.3%	NCP	58.9%		5,878	Natural	651,762.9 ac.	94.4%	2 120,395.8 ac. 17.4	_	
Kentucky	10.7%	CM	41.1%	Pop./Sq. Mi.	33	Agriculture	31,499.0 ac.	4.6%	3 107,039.3 ac. 15.5		
						Developed Water	6,391.2 ac. 1,104.3 ac.	0.9% 0.2%		Oil & natural	gas urilling
						vvalci	1,104.5 ac.				
System Targe		December				# 0	1		ies Targets	0-	N
AS Code Aqu						# Occurrences		EI. C			mmon Name
			leius rivers,	, origin in the Cumberla	and Mou	mains s			B2810 Notropis ariommus		peye Shiner
	nberland mount								B28A9 Notropis albizonatus		lezone Shiner
D024 Cum	iberiand mount	tain, plateau stre	ams				1		B28X4 Notropis sp. cf. N. spe QC0213 Etheostoma cinereum		wfin Shiner
									QC0213 Etheostoma tippecan		hy Darter pecanoe Darter
									QC02X3 Etheostoma percnuru		skytail Darter
									L07030 Cambarus bouchardi		South Fork Crayfisl
									/02020 Alasmidonta atropurp		mberland Elktoe
									/02110 Alasmidonta viridis		opershell Mussel
									/16030 Epioblasma breviden:		mberlandian Combs
									/16040 Epioblasma capsaefo		ster Mussel
									/16062 Epioblasma florentina		n Riffleshell
									/28020 Medionidus conradicu		mberland Moccasins
									/32010 Pegias fabula		lewing Pearlymusse
									/35220 Pleurobema oviforme		nnessee Clubshell
									/38050 Ptychobranchus subt		ted Kidneyshell
									/47130 Villosa taeniata		inted Creekshell
									/47140 Villosa trabalis		mberland Bean
South Fork	Kontucky	Divor			F	DU: Kentucky	/Licking Rivers			477,706.6 acres	Mott Code:
	Relitucky					DO. Remucky	Licking revers				
A62			Action Si					:		477,706.6 acres	
States	400.00/	Subregions		Census 2000	4.000		nd Cover (1992		GAP Management Stat		eats
Kentucky	100.0%	NCP	100.0%		1,890	Natural	463,812.5 ac.	97.1%	3 124,100.2 ac. 26.0	J%	
				Pop./Sq. Mi.	43	Agriculture	10,715.2 ac.	2.2%			
						Developed	2,372.4 ac.	0.5%			
						Water	805.6 ac.	0.2%			
System Targe							7		ies Targets		
AS Code Aqu	uatic System	Description				# Occurrences	i	EI. C	ode Scientific Name	Co	mmon Name
C006 sma	II Cumberland	Plateau rivers, in	n moderate	elevation, origin in Cur	mberland	d Plateau		AFCJ	B2810 Notropis ariommus	Pop	peye Shiner
D023 Cum	nberland mount	tain streams				7	'	AFCC	QC0266 Etheostoma sagitta s		ow Darter
									C0280 Etheostoma tippecan		pecanoe Darter
									/02110 Alasmidonta viridis		opershell Mussel
									/16190 Epioblasma triquetra		uffbox
									/17120 Fusconaia subrotunda		ngsolid
								IMBIA	/39041 Quadrula cylindrica c	•	bbitsfoot
Spring Cree	ek				E	DU: Coosa Ri	ver		Total Area:	22,242.0 acres	Mott Code: MI
A63			Action Si	ite: No					Subsite Area:	· · · · · · · · · · · · · · · · · · ·	Map Location
States		Subregions		Census 2000		Land Use/La	ind Cover (1992		GAP Management Stat	tus Primary Thr	eats
Alabama	100.0%	SRV	90.9%		1,164	Natural	19,279.4 ac.	86.7%			
		SCP	9.1%	Pop./Sq. Mi.	33	Agriculture	2,784.2 ac.	12.5%			
						Developed	163.0 ac.	0.7%			
						Water	14.8 ac.	0.1%			
System Targe	ts							Spec	ies Targets		
								EI. C	ode Scientific Name	Co	mmon Name
								AFCJ	B4902 Cyprinella caerulea	Blu	e Shiner
								IMBI\	/22050 Lasmigona holstonia	Ter	nnessee Heelsplitter
Stamp Cree	k				Е	DU: Coosa Ri	ver		Total Area:	11.804.6 acres	Mott Code: Mi
			A atlan C	ian No			-		Subsite Area:		Map Location
A64 States		Subregions	Action Si	Census 2000		Land Hea/La	nd Cover (1992	NI CD)	GAP Management Stat		
	100.09/	SRV - BUFF			767		•		GAF Management Stat	Residential of	
Georgia	100.0%				767	Natural Developed	11,204.4 ac. 535.4 ac.	94.9% 4.5%		residential 0	aevelopinent
		SRV	4.1%	Pop./Sq. Mi.	42	Developed Agriculture	61.7 ac.				
								0.5%			
						Water	2.5 ac.				
	ts								ies Targets		
System Targe								EI. C			mmon Name #
System Targe									B15?? Hybopsis sp. cf. H. w		described chub)
System Targe								AFCC	QC02XJ Etheostoma scotti	Che	erokee Darter
System Targe					Е	DU: Coosa Ri	ver		Total Area:	3,329.8 acres	Mott Code: ME
System Targe	pring			itas Na					Subsite Area:	3,329.8 acres	Map Location
Talladega S	pring		Action Si	ite: NO			nd Cover (1992	NLCD)	GAP Management Stat		•
Talladega S	pring					Land Use/i a					
Talladega S A65 States		Subregions	\$	Census 2000	558			84.7%			
Talladega S	100.0%			Census 2000 Total Pop.	558 107	Natural	2,822.5 ac.	84.7% 14.2%			
Talladega S A65 States		Subregions	\$	Census 2000	558 107	Natural Agriculture	2,822.5 ac. 473.7 ac.	14.2%			
Talladega S A65 States		Subregions	\$	Census 2000 Total Pop.		Natural Agriculture Developed	2,822.5 ac. 473.7 ac. 24.8 ac.	14.2% 0.7%			
Talladega S A65 States Alabama	100.0%	Subregions	\$	Census 2000 Total Pop.		Natural Agriculture	2,822.5 ac. 473.7 ac.	14.2% 0.7% 0.3%			
Talladega S A65 States	100.0%	Subregions	\$	Census 2000 Total Pop.		Natural Agriculture Developed	2,822.5 ac. 473.7 ac. 24.8 ac.	14.2% 0.7% 0.3% Spec	ies Targets		
Talladega S A65 States Alabama	100.0%	Subregions	\$	Census 2000 Total Pop.		Natural Agriculture Developed	2,822.5 ac. 473.7 ac. 24.8 ac.	14.2% 0.7% 0.3% Spec	•		ommon Name #

Tallasseeh	atchee Cre	ek			EDU: Coosa R	iver			Total Area:	142,	245.7 acres Mott Code: MB
A66			Action Sit	te: No					Subsite Area:	142,	245.7 acres Map Location:
States		Subregions	3	Census 2000	Land Use/L	and Cover (1992	NLCD)	GAP N	// // // // // // // // // // // // //	us F	Primary Threats
Alabama	100.0%	SRV	100.0%	Total Pop. 32,210	6 Natural	112,732.4 ac.	79.3%	3 11	,182.5 ac. 7.9	1%	-
			,	Pop./Sq. Mi. 14	5 Agriculture	24,961.6 ac.	17.5%				
					Developed	4,245.1 ac.	3.0%				
					Water	306.4 ac.	0.2%				
					Water	000.4 00.					
System Targe						_		cies Tar	-		
AS Code Aq	uatic System	Description			# Occurrence	S	EI. C	Code	Scientific Name		Common Name #
0004 ridg	e and valley str	reams				1	IMGA	ASE901	Tulotoma magnifica		Tulotoma Snail
0005 ridg	e and valley str	eams				1	IMGA	ASK511	Leptoxis taeniata		Painted Rocksnail
					EDIL: O D					400	700 4 <b>M</b> -# <b>O</b> -d-: MD
Tallasseeh	atchee Riv	er and spr	ings		EDU: Coosa R	iver			Total Area:	108,	728.4 acres Mott Code: MB
<b>A67</b>			Action Sit	te: No					Subsite Area:	108	728.4 acres Map Location:
States		Subregions		Census 2000	Land Heo/L	and Cover (1992	NI CD)	GADA	Management Stat		
Alabama	100.0%	SRV	100.0%	Total Pop. 20,152		88,075.4 ac.	81.0%		,200.1 ac. 25.9		illiary filleats
Alaballia	100.076	SKV	100.076					3 20	,200.1 ac. 25.9	70	
				Pop./Sq. Mi. 119		16,101.1 ac.	14.8%				
					Developed	4,134.6 ac.	3.8%				
					Water	417.7 ac.	0.4%				
System Targe	ite						Sner	cies Tar	nets		
AS Code Aq		Dogoription			# Occurrence		El. C		Scientific Name		Common Name #
					# Occurrence	5					
0041 tran	isitional streams	s, Piedmont to R	lidge and val	lley		3			Etheostoma ditrema		Coldwater Darter
									Elimia bentoniensis		Rusty Elimia
							IMGA	ASK228	Elimia crenatella		Lacy Elimia
							IMGA	NSK715	Pleurocera showalteri		Upland Hornsnail
Tolica Div					EDII: Tonnes	on Divor Divo Did					457.6 acres Mott Code: TC
Telico Rive	1				EDU: Tenness	ee River-Blue Rid	ye		i otai Area:	109,	437.0 acres Mott Code: TC
A68			Action Sit	te: No					Subsite Area:	109,	457.6 acres Map Location:
States		Subregions		Census 2000	Land Use/L	and Cover (1992	NI CD)	GAP N	Management Stat		Primary Threats
Tennessee	93.6%	OUT	49.8%	Total Pop. 4,674		102,904.6 ac.	94.0%		,501.7 ac. 41.6		Agricultural practices
North Carolii		NRV - BUFF		Pop./Sq. Mi. 2		5,567.6 ac.	5.1%				mpoundments/stream modific
North Carolli	1a 0.4%			rup./3q. IVII. 2						_	
		NRV	13.7%		Developed	953.5 ac.	0.9%	1 4	,143.7 ac. 3.8	1% I	ncompatible recreation
					Water	32.1 ac.	0.0%				
System Targe	ets						Spec	cies Tar	aets		
AS Code Aq		Description			# Occurrence	e	El. C		Scientific Name		Common Name #
		s, Blue Ridge to	Dides and V	/elle	# Occurrence	1			Fusconaia subrotunda		Longsolid
J040 (Iai)	isitional streams	s, blue Riuge to	Riuge allu v	alley		<u> </u>					
									Medionidus conradicu		Cumberland Moccasinsh
							IMBI\	√35220	Pleurobema oviforme		Tennessee Clubshell
							IMGA		Pleurocera unicale		(a snail)
Tonnoccoo	Divor/ton	of Dickwin	ak Laka		EDII: Lower To	annessee Diver	IMGA			12	
Tennessee	River/top				EDU: Lower Te	ennessee River	IMGA		Total Area:		499.7 acres Mott Code: TC
Tennessee	River/top		ck Lake Action Sit	te: No	EDU: Lower Te	ennessee River	IMGA				
	River/top		Action Sit	te: No Census 2000				ASK7??	Total Area: Subsite Area:	12,	499.7 acres Mott Code: TC
A69 States		Subregions	Action Sit	Census 2000	Land Use/L	and Cover (1992	NLCD)	ASK7??	Total Area:	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats
A69	River/top	Subregions SCP - BUFF	Action Sit	Census 2000 Total Pop. 1,424	Land Use/L	and Cover (1992 6,394.9 ac.	NLCD) 51.2%	ASK7??	Total Area: Subsite Area:	12, us <b>F</b>	499.7 acres Mott Code: TC
A69 States		Subregions	Action Sit	Census 2000	Land Use/L 4 Natural Water	and Cover (1992 6,394.9 ac. 4,030.2 ac.	NLCD) 51.2% 32.2%	ASK7??	Total Area: Subsite Area:	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats
A69 States		Subregions SCP - BUFF	Action Sit	Census 2000 Total Pop. 1,424	Land Use/Land Use/Lan	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac.	NLCD) 51.2% 32.2% 14.7%	ASK7??	Total Area: Subsite Area:	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats
A69 States Alabama	100.0%	Subregions SCP - BUFF	Action Sit	Census 2000 Total Pop. 1,424	Land Use/L 4 Natural Water	and Cover (1992 6,394.9 ac. 4,030.2 ac.	NLCD) 51.2% 32.2% 14.7% 1.9%	GAP N	Total Area: Subsite Area: Management Stat	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats
A69 States Alabama	100.0%	Subregions SCP - BUFF	Action Sit	Census 2000 Total Pop. 1,424	Land Use/Land Use/Lan	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac.	NLCD) 51.2% 32.2% 14.7% 1.9%	ASK7??	Total Area: Subsite Area: Management Stat	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats
A69 States Alabama System Targe	100.0%	Subregions SCP - BUFF SCP	Action Sit	Census 2000 Total Pop. 1,424	Land Use/L  Agriculture Developed	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9%	GAP M	Total Area: Subsite Area: Management Stat	12, us <b>F</b>	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec	GAP M	Total Area: Subsite Area: Management Stat gets Scientific Name	12,-	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name #
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec	GAP M  cies Tar  Code  v08010	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod	12,-	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP M  cies Tar  Code  v08010  v21110	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec	GAP N  cies Tar  code  v08010  v21110  v34010	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico:	12,- us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia	12, us F	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec	GAP M  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico:	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia	12, us F	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN	GAP M  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus cyphyus	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35240	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico. Plethobasus coperia Plethobasus copyhyus Pleurobema cordatun Pleurobema plenum	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe
States Alabama  System Targe AS Code Aqu	100.0%	Subregions SCP - BUFF SCP  Description	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35240  V37030	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus cyphyus Pleurobema cordatum Pleurobema plenum Potamilus capax	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook
System Targe AS Code Aq	100.0% ots uatic System e Nashville Bas	Subregions SCP - BUFF SCP  Description Sin and Highland	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Natural Water Agriculture Developed  # Occurrence didge and Valley	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35240  V37030	Total Area: Subsite Area: Management Stat  Management Stat  Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia Plethobasus cyphyus Pleurobema cordatum Pleurobema plenum Potamilus capax Pleurocera alveare	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail
States Alabama  System Targe AS Code Aqu 1003 larg	100.0% ots uatic System e Nashville Bas	Subregions SCP - BUFF SCP  Description Sin and Highland	Action Sit 5 93.2% 6.8%	Census 2000 Total Pop. 1,424 Pop./Sq. Mi. 7:	Land Use/L  Agriculture Developed  # Occurrence	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35240  V37030	Total Area: Subsite Area: Management Stat  gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus cyphyus Pleurobema cordatum Pleurobema plenum Potamilus capax	12, us F	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook
System Targe AS Code Aqu A003 larg	100.0% ots uatic System e Nashville Bas	Subregions SCP - BUFF SCP  Description sin and Highland	Action Sit	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:	Land Use/L  Natural Water Agriculture Developed  # Occurrence didge and Valley	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35240  V37030	Total Area: Subsite Area: Management Stat  Management Stat  Gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico. Plethobasus cooperia Plethobasus cotalum Pleurobema cordatum Pleurobema plenum Potamilus capax Pleurocera alveare Total Area:	12,, us F I	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC
System Targe AS Code Aq A003 larg	100.0% ots uatic System e Nashville Bas	Subregions SCP - BUFF SCP  Description sin and Highland	Action Sit	Census 2000  Total Pop. 1,42- Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri	Land Use/L  Natural Water Agriculture Developed  # Occurrence idge and Valley	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	Spec EI. C MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35090  V35040  V37030  ASK702	Total Area:  Subsite Area:  Management Stat  Management Stat  Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia Plethobasus copphyus Pleurobema cordatum Pleurobema plenum Potamilus capax Pleurocera alveare  Total Area: Subsite Area:	12,, us F [1]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TC 382.9 acres Map Location:
System Targe AS Code Aq A003 larg  Tennessee A70 States	100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland	Action Sit	Census 2000  Total Pop. 1,42- Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35090  V35240  V377030  SKK702	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus coperia Pleturobema plenum Pleurobema plenum Total Area: Subsite Area: Management Stat	12, 12, 10 10 10 10 10 10 10 10 10 10 10 10 10	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats
System Targe AS Code Aq A003 larg	100.0% ots uatic System e Nashville Bas	Subregions SCP - BUFF SCP  Description sin and Highland  ntersville  Subregions SCP - BUFF	Action Sit 5 - 93.2% 6.8%  Rim rivers, 6 - 59.4%	Census 2000  Total Pop. 1,42- Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EL C IMBIN IMB	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V35090  V35090  V35090  V37030  V3K702  GAP N  2 24	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cyoperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9	12,, rus F   1   1   1   1   1   1   1   1   1	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC 7rimary Threats Impoundments/stream modific
System Targe AS Code Aq  A003 larg  Tennessee A70 States	100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland	Action Sit	Census 2000  Total Pop. 1,42- Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35090  V35090  V35240  V377030  SKK702	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus coperia Pleturobema plenum Pleurobema plenum Total Area: Subsite Area: Management Stat	12,, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TCi 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution
System Targe AS Code Aq A003 larg  Tennessee A70 States	100.0%	Subregions SCP - BUFF SCP  Description sin and Highland  ntersville  Subregions SCP - BUFF	Action Sit 5 - 93.2% 6.8%  Rim rivers, 0 - 59.4% 29.5%	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EL C IMBIN IMB	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V35090  V35090  V35090  V37030  V3K702  GAP N  2 24	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cyoperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9	12,, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC 7rimary Threats Impoundments/stream modific
System Targe AS Code Aq  A003 larg  Tennessee A70 States	100.0%	Subregions SCP - BUFF SCP  Description sin and Highland  ntersville  Subregions SCP - BUFF SCP	Action Sit 5 - 93.2% 6.8%  Rim rivers, 6 - 59.4%	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Agriculture Developed  # Matural Agriculture  Land Use/L  Matural Agriculture	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac. s 1 and Cover (1992 39,361.5 ac. 38,283.7 ac. 21,146.5 ac.	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IM	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V35090  V35090  V35090  V37030  V3K702  GAP N  2 24	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cyoperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9	12,, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TCi 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution
System Targe AS Code Aqu A003 larg  Tennessee A70 States  Alabama	100.0%	Subregions SCP - BUFF SCP  Description sin and Highland  ntersville  Subregions SCP - BUFF SCP	Action Sit 5 - 93.2% 6.8%  Rim rivers, 0 - 59.4% 29.5%	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural	and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac. ss 1	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EL.C IMBIN IMB	GAP N  Cies Tar  Code  (708010  V34010  V34020  V34030  V35090  V355240  V37030  V3F702  GAP N  2 24  3	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cocapros Plethobasus cotapros Plethobasus copynyus Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: 471.1 ac. 23.9 849.5 ac. 0.8	12,, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TCi 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama	100.0%	Subregions SCP - BUFF SCP  Description sin and Highland  Subregions SCP - BUFF SCP OUT	Action Sit 5 - 93.2% 6.8%  Rim rivers, 0 - 59.4% 29.5%	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IMGA	GAP N  Cies Tar  Code  V08010  V34010  V34020  V34030  V35090  V35090  V35090  V35040  GAP N  2 24  3	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus corperia Plethobasus coperia Plethobasus coperia Plethobasus coperia Plethobasus coperia Pletrobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8	12,, us F [ ]	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Prink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TCl 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama	100.0%	Subregions SCP - BUFF SCP  Description sin and Highland  Subregions SCP - BUFF SCP OUT	Action Sit 5 - 93.2% 6.8%  Rim rivers, 0 - 59.4% 29.5%	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Agriculture Developed  # Matural Agriculture  Land Use/L  Matural Agriculture	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IMGA	GAP N  Cies Tar  Code  V08010  V34010  V34020  V34030  V35090  V35090  V35090  V35040  GAP N  2 24  3	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cocapros Plethobasus cotapros Plethobasus copynyus Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: 471.1 ac. 23.9 849.5 ac. 0.8	12,, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TCi 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Census 2000  Total Pop. 1,42e Pop./Sq. Mi. 7:  origin in Blue Ridge and Ri  te: No Census 2000  Total Pop. 14,82e	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IM	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V34030  V35209  V35209  V35240  V377030  SK702  GAP N  2 24  3	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus corperia Plethobasus coperia Plethobasus coperia Plethobasus coperia Plethobasus coperia Pletrobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8	12,, us F [ ]	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Prink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TCl 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EL C IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMGA 37.4% 20.7% 3.5% Spec EL C AFCA	GAP N Cies Tar Code v08010 v21110 v34020 v34030 v35090 v35240 v37030 SKK702  GAP N 2 24 3  Cies Tar Code AB0101	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8	12., us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC Residential development  Common Name # Paddlefish
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMGA  NLCD) 38.4% 37.4% 20.7% 3.5%  Spec EI. C AFCC AFCC AFCC AFCC	GAP N  Cies Tar  Code  V08010  V21110  V34010  V34030  V35090  V35240  V37030  ASK702  GAP N  2 24  3	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Plethobasus copriona Plethobasus correct Plethobasus correct Total Area: Subsite Area: Ananagement Statt 471.1 ac. 23.9 849.5 ac. 0.8	12., us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TCI 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% Spec EI. C IMBIN IM	GAP N  GAP N  Cies Tar  Code  V08010  V34010  V34020  V34030  V35090  V35240  V37030  ASK702  GAP N  2 24  3  Cies Tar  Code  R00101  QC0282  V08010	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatroria Plethobasus copperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: A71.1 ac. 23.9 849.5 ac. 0.8  gets Scientific Name Polyodon spathula Etheostoma tuscumbi Cumberlandia monod	12., us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres
System Targe System Targe SS Code Aq 0003 larg  Tennessee A70 States Alabama  System Targe A70 States Alabama	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% EI. C IMBIN IMBIN IMBIN IMBIN IMBIN IMBIN IMGA  NLCD) 38.4% 37.4% 3.5% Spec EI. C AFCC AFCC IMBIN IMBIN	GAP N  Cies Tar  Code  V08010  V34020  V34030  V35209  V35209  V35240  GAP N  2 24  3  Cies Tar  Code  AB0101  COde  AB0101  COC0282  V08010  V10020	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8  gets Scientific Name Polyodon spathula Etheostoma tuscumbic Cumberlandia monod Cyprogenia stegaria	12,, us	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EL. C IMBIN	GAP N Cies Tar Code V08010 V21110 V34020 V34030 V35209 V35240 V37030 SK702  GAP N 2 24 3  Cies Tar Code AB0101 QC0282 V08010 V10020 V17120	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Pletrobema plenum Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Elheostoma tuscumbir Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunda	12,, us	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EL. C IMBIN	GAP N Cies Tar Code V08010 V21110 V34020 V34030 V35209 V35240 V37030 SK702  GAP N 2 24 3  Cies Tar Code AB0101 QC0282 V08010 V10020 V17120	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8  gets Scientific Name Polyodon spathula Etheostoma tuscumbic Cumberlandia monod Cyprogenia stegaria	12,, us	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% MBIN MBIN MBIN MBIN MBIN MBIN MBIN MBIN	GAP N  GAP N  Cies Tar  Code  V08010  V21110  V34010  V34020  V35090  V35090  V35240  V37030  ASK702  GAP N  2 24  3  Cies Tar  Code  AB0101  QC0282  V08010  V17020  V17120  V34020	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cicatrico: Plethobasus coperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Etheostoma tuscumbi Cumberlandia monod Cyprogenia stegaria Plethobasus cooperia	12,, us F [ ]  lonta  lonta  102, 102, 104, 104, 104, 104, 104, 104, 104, 104	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Mott Code: TC 382.9 acre
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD)  51.2% 32.2% 14.7% 1.9%  Spec EI. C MBIN IMBIN IMBIN IMBIN IMBIN IMBIN 37.4% 20.7% 3.5%  Spec EI. C AFCC IMBIN	GAP N  GAP N  Cies Tar  Code  (708010  V34010  V34010  V34020  V34030  V35090  V355240  V37030  V35040  Lag  Code  Code  Lag  Code  Lag  Code  V10020  V10020  V10020  V17120  V34030  V34030  V34030  V34030	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Plethobasus coperia Plethobasus copera Pletrobera plenum Potamilus capax Pleurocera alveare Total Area: Management Stat 471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Etheostoma tuscumbi Cumberlandia monod Cyprogenia stegaria Plethobasus coperia Plethobasus coperia Plethobasus coperia	12,, us F [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose
System Targe System Targe SS Code Aq 0003 larg  Tennessee A70 States Alabama  System Targe A70 States Alabama	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EI. C IMBIN	GAP N  GAP N  Cies Tar  Code  V08010  V34010  V34010  V34030  V35090  V35090  V35040  GAP N  2 24  3  Cies Tar  Code  AB0101  QC0282  V08010  V10020  V17120  V34030  V34030  V34030  V34030  V34030  V35090	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus corperia Pleturobema plenum Potamilus capax Pleurobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Statt ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Etheostoma fuscumbi Cumberlandia monod Cyprogenia stegaria Fusconalia subrotunda Plethobasus cooperia Plethobasus coppriyus Pleurobema cordatum	12., us F [ ] 102., 102.	499.7 acres Mott Code: TCl 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TCl 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% EI. C IMBIN	GAP N  Cies Tar  Code  V08010  V21110  V34020  V34030  V35090  V35090  V35090  V35090  V37030  ASK702  Cies Tar  Code  AB0101  QC0282  V08010  V10020  V17120  V34020  V34030  V355990  V355990  V355990  V355990  V355990  V355590	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Subsite Area: Management Stat "471.1 ac. 23.9 849.5 ac. 0.8  gets Scientific Name Polyodon spathula Etheostoma tuscumbic Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunde Plethobasus copperia Plethobasus copperia	12., us F [ ] 102., 102.	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EL C IMBIN IMBIN IMBIN IMBIN IMGA 37.4% 20.7% 3.5% Spec EL C AFCA AFCC IMBIN	GAP N Cies Tar Code V08010 V21110 V34020 V34030 V35240 V37030 SKK702  GAP N 2 24 3  Cies Tar Code AB0101 QC0282 V08010 V17120 V34020 V34030 V35090	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat 471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Etheostoma tuscumbi Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunde Plethobasus coppria	12., us F [ ] 102., 102.	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe Rough Pigtoe
System Targe System Targe SS Code Aq 0003 larg  Tennessee A70 States Alabama  System Targe A70 States Alabama	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural  Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the second o	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EL C IMBIN IMBIN IMBIN IMBIN IMGA 37.4% 20.7% 3.5% Spec EL C AFCA AFCC IMBIN	GAP N Cies Tar Code V08010 V21110 V34020 V34030 V35240 V37030 SKK702  GAP N 2 24 3  Cies Tar Code AB0101 QC0282 V08010 V17120 V34020 V34030 V35090	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Subsite Area: Management Stat "471.1 ac. 23.9 849.5 ac. 0.8  gets Scientific Name Polyodon spathula Etheostoma tuscumbic Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunde Plethobasus copperia Plethobasus copperia	12., us F [ ] 102., 102.	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the content of the cont	NLCD)  51.2% 32.2% 14.7% 1.9% 1.9%  Spec EL. C IMBIN	GAP N  GAP N  Cies Tar  Code  (708010  (734010  (734010  (734020  (735090  (735090  (735090  (737030	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus cooperia Plethobasus cyphyus Pleurobema plenum Potamilus capax Total Area: Subsite Area: Management Stat 471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Etheostoma tuscumbi Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunde Plethobasus coppria	12., us F [ ] 102., 102.	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe Rough Pigtoe
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the content of the cont	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% Spec EI. C IMBIN	GAP N  GAP N  Cies Tar  Code  V08010  V34010  V34010  V34020  V35240  V35240  V37030  ASK702  GAP N  2 24  3  Cies Tar  Code  AB0101  QC0282  V08010  V10020  V17120  V34030  V35090  V35150  V35240  V352550  V39070	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Plethobasus coperia Pletrobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunda Cyprogenia stegaria Plethobasus copperia Plethobasus copperia Plethobasus copperia Plethobasus cyphyus Pleurobema qubenum Pleurobema qibbenum Pleurobema qubenum Pleurobema plenum Pleurobema plenum Pleurobema plenum Pleurobema plunum Pleurobema plunum Pleurobema plunum Pleurobema rubrum Quadrula intermedia	12., us F [ ] 102., 102.	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe Rough Pigtoe Pyramid Pigtoe Rough Pigtoe Cumberland Monkeyface
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the content of the cont	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% EI. C IMBIN	GAP N Cies Tar Code V08010 V21110 V34010 V34020 V34030 V35090 V35090 V35090 V35040 V37030 ASK702  Cies Tar Code AB0101 QC0282 V08010 V10020 V17120 V34020 V34030 V35090 V35150 V35240 V35250 V399070 V39150	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus cicatrico: Plethobasus coperia Plethobasus coperia Pletrobema plenum Potamilus capax Pleurobema plenum Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Polyodon spathula Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunda Plethobasus copperia Plethobasus copperia Plethobasus copperia Plethobasus copperia Plethobasus copperia Plethobasus coperia Intermedia Interm	12, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Rough Pigtoe Fat Pocketbook Rugged Homsnail 382.9 acres Mott Code: TC 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe Rough Pigtoe Cumberland Monkeyface Appalachian Monkeyface Appalachian Monkeyface Cumberland Monkeyface Appalachian Monkeyface
System Targe AS Code Aq A003 larg  Tennessee A70 States Alabama  System Targe AS A	100.0%  hts  uatic System e Nashville Bas  below Gu  100.0%	Subregions SCP - BUFF SCP  Description Sin and Highland  Material Subregions SCP - BUFF SCP OUT	Action Sit 5 93.2% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8% 6.8	Total Pop.   1,42-    Pop./Sq. Mi.   7:     Origin in Blue Ridge and Ri     Origin in Blue Ridge and Ridge	Land Use/L  Agriculture Developed  # Occurrence idge and Valley  EDU: Lower Te  Land Use/L  Water  Natural Agriculture Developed	ennessee River  and Cover (1992 6,394.9 ac. 4,030.2 ac. 1,836.0 ac. 239.7 ac.  state of the content of the cont	NLCD) 51.2% 32.2% 14.7% 1.9% 1.9% EL. C. IMBIN I	GAP N  Cies Tar  Code  V08010  V21110  V34020  V34030  V35090	gets Scientific Name Cumberlandia monod Lampsilis abrupta Plethobasus coperia Plethobasus coperia Pletrobema plenum Potamilus capax Pleurocera alveare Total Area: Subsite Area: Management Stat ,471.1 ac. 23.9 849.5 ac. 0.8 gets Scientific Name Cumberlandia monod Cyprogenia stegaria Fusconaia subrotunda Cyprogenia stegaria Plethobasus copperia Plethobasus copperia Plethobasus copperia Plethobasus cyphyus Pleurobema qubenum Pleurobema qibbenum Pleurobema qubenum Pleurobema plenum Pleurobema plenum Pleurobema plenum Pleurobema plunum Pleurobema plunum Pleurobema plunum Pleurobema rubrum Quadrula intermedia	12, us F [ ]	499.7 acres Mott Code: TC 499.7 acres Map Location: Primary Threats Impoundments/stream modific  Common Name # Spectaclecase Pink Mucket White Wartyback Orangefoot Pimpleback Sheepnose Ohio Pigtoe Fat Pocketbook Rugged Hornsnail 382.9 acres Map Location: Primary Threats Impoundments/stream modific Industrial/municipal pollution Residential development  Common Name # Paddlefish Tuscumbia Darter Spectaclecase Fanshell Longsolid Orangefoot Pimpleback Sheepnose Ohio Pigtoe Cumberland Pigtoe Rough Pigtoe Pyramid Pigtoe Rough Pigtoe Cumberland Monkeyface

Thomas Spring		E	DU: Upper Bla	ack Warrior River			Total Area:	1,821.2 a	cres Mott Code:	: MBBC
A71	Action Si	e: No					Subsite Area:	1,821.2 a	cres Map Locat	tion: (
States	Subregions	Census 2000	Land Use/La	nd Cover (1992	NLCD)	GAP I	Management Status	Primary	Threats	
Alabama 100.0%	6 SRV 100.0%	Total Pop. 6,207	Natural	947.7 ac.	52.0%			Residen	tial development	
		Pop./Sq. Mi. 2,181	Developed	670.6 ac.	36.8%					
			Agriculture	200.4 ac.	11.0%					
			Water	2.5 ac.	0.1%					
System Targets					Spe	cies Tar	gets			
•					El. (	Code	Scientific Name		Common Name	# F
					AFC	QC0250	Etheostoma nuchale		Watercress Darter	
Upper Cahaba Rive	r	E	DU: Cahaba F	River			Total Area: 6	49.377.6 a	cres Mott Code:	: МВЕ
A72	Action Si	e. Yes					Subsite Area: 6	49 377 6 a	cres Map Locat	tion:
States	Subregions	Census 2000	Land Use/La	and Cover (1992	NLCD)	GAP I	Management Status			
Alabama 100.0%		Total Pop. 337,758	Natural	531,801.5 ac.	81.9%		3,357.7 ac. 1.3%		ıl/municipal polluti	ion
	SRV - BUFF 23.3%	Pop./Sq. Mi. 333	Agriculture	68,103.2 ac.	10.5%		,	Mining p		
	OUT 4.5%		Developed	44,572.1 ac.	6.9%			Residen	tial development	
			Water	4,901.4 ac.	0.8%				-	
System Targets					Spe	cies Tar	gets			
AS Code Aquatic Syste	em Description		# Occurrences	5			Scientific Name		Common Name	· #1
C004 small Ridge and	Valley rivers in sandstones, or	gin in Ridge and Valley limes	tones	1	AFC.	JB28B6	Notropis cahabae		Cahaba shiner	
D003 ridge and valley	streams			1	AFC	JB5305	Macrhybopsis sp. cf. M.	aestivalis	(undescribed chub)	)
	streams, limestone to sandstor	e		3	AFC	QC02??	Etheostoma sp. cf. E. ra	mseyi	Fall Line Alabama I	Darter
D014 ridge and valley	streams, in sandstones			I			Percina aurolineata		Goldline Darter	
D069 transitional stream	ams, coastal plain to ridge and	ralley	:	3			Percina lenticula		Freckled Darter	
							Percina brevicauda		Coal Darter	
							Stizostedion sp. cf. S. vi	treum	Southern Walleye	
							Elliptio arctata		Delicate Spike	
							Lampsilis altilis		Finelined Pocketbo	
							Lampsilis ornata		Southern Pocketbo	
							Lampsilis perovalis		Orangenacre Muck	
							Ptychobranchus greenii		Triangular Kidneys	
							Lioplax cyclostomaform	S	Cylindrical Lioplax	
							Lyperium showalteri		Flat Pebblesnail	
							Elimia ampla Elimia annettae		Ample Elimia Lily Shoals Elimia	
							Elimia annettae Elimia bellacrenata		Princess Elimia	
							Elimia beliacrenata Elimia clara		Riffle Elimia	
							Elimia ciara  Elimia cochliaris		Cockle Elimia	
							Leptoxis ampla		Round Rocksnail	
					IIVIGA	10000	ьорголіз апіріа		round roundildli	

- Upper Clinch	River					EDU: Tenness	ee River-Ridge ar	nd Valley		Total A	rea: 94	16,517.3 acres Mott Code: TCE	B018
A73		А	ction Sit	e: Yes						Subsite A	rea: 94	46,517.3 acres Map Location:	G6
States		Subregions		Census 200	0	Land Use/L	and Cover (1992	NLCD)	G	AP Managemer	nt Status	Primary Threats	
Virginia	85.1%	NRV	73.0%	Total Pop.	98,478	Natural	759,852.1 ac.	80.3%	3	49,600.5 ac.	5.2%	Agricultural practices	
Tennessee	14.9%	CM	26.3%	Pop./Sq. Mi.	67	Agriculture	162,242.5 ac.	17.1%	2	5,031.9 ac.	0.5%	Incompatible forestry practices	s
West Virginia	0.0%	NRV - BUFF	0.7%			Developed	21,964.9 ac.	2.3%	1	227.6 ac.	0.0%	Industrial/municipal pollution	
	,		•			Water	2,456.2 ac.	0.3%			,		

System T	argets	
AS Code	Aquatic System Description	# Occurrences
C001	small ridge and valley rivers, origin in ridge and valley	1
D001	ridge and valley streams	2
D002	ridge and valley streams	2
D006	ridge and valley streams	2
D007	ridge and valley streams	2
D018	transitional streams, Cumberland plateau to ridge and valley	11
D019	transitional streams, Cumberland plateau to ridge and valley	2
D023	Cumberland mountain streams	1

El. Code Scientific Name Common Name # Po AAAAC0101 Cryptobranchus alleganiensis Hellbender AFBAA0101 Ichthyomyzon bdellium Ohio Lamprey AFC4E0204 Cottus baileyi Black Sculpin AFC4E0230 Cottus sp. Clinch Sculpin AFC4E0230 Cottus sp. Clinch Sculpin AFCAE0230 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCB2810 Notropis ariommus Popeye Shiner AFCJB28X4 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X7 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0221 Noturus stanauli Pygmy Madtom AFCKC00104 Armocrypta clara Western Sand Darter AFCCC01213 Etheostoma cinereum Ashy Darter AFCCC0212 Etheostoma cinereum Wounded Darter AFCCC0212 Etheostoma denoncourti Golden Darter	ps. 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AFBAA0101 Ichthyomyzon bdellium Ohio Lamprey AFC4E0204 Cottus baileyi Black Sculpin AFC4E0230 Cottus sp. Clinch Sculpin AFCAA0102 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB2814 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X4 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X5 Phoxinus saylori Laurel Dace AFCJB3107 Phoxinus saylori Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Maddom AFCCC0104 Ammocrypta clara Westem Sand Darter AFCCC0213 Etheostoma cinereum Ashy Darter AFCCC0204 Itheostoma vulneratum Wounded Darter	1111111
AFBAA0101 Ichthyomyzon bdellium Ohio Lamprey AFC4E0204 Cottus baileyi Black Sculpin AFC4E0230 Cottus sp. Clinch Sculpin AFCAA0102 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB2814 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X4 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X5 Phoxinus saylori Laurel Dace AFCJB3107 Phoxinus saylori Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Maddom AFCCC0104 Ammocrypta clara Westem Sand Darter AFCCC0213 Etheostoma cinereum Ashy Darter AFCCC0204 Itheostoma vulneratum Wounded Darter	1 1 1 1 1 1 1 1
AFC4E0204 Cottus baileyi Black Sculpin AFC4E0230 Cottus sp. Clinch Sculpin AFCAA0102 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB28X4 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB28X7 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Madtom AFCQC0104 Ammocrypta clara Westem Sand Darter AFCQC0213 Etheostoma cinereum Ashy Darter	
AFC4E0230 Cottus sp. Clinch Sculpin AFCAA0102 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB2817 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0201 Noturus stanuli Pygmy Madtom AFCKA021 Noturus stanuli Pygmy Madtom AFCCC0104 Armocrypta clara Western Sand Darter AFCCC0213 Etheostoma cinereum Ashy Darter AFCCC0214 Etheostoma vulneratum Wounded Darter	
AFCAA0102 Acipenser fulvescens Lake Sturgeon AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB281A Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB301 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA021 Noturus stanauli Pygmy Madtom AFCCC0104 Ammocrypta clara Western Sand Darter AFCCC013 Etheostoma cinereum Ashy Darter AFCCC0214 Itheostoma vulneratum Wounded Darter	
AFCAB0101 Polyodon spathula Paddlefish AFCJB2810 Notropis ariommus Popeye Shiner AFCJB28X4 Notropis sp. cf. N. spectrunculus Sawfin Shiner AFCJB3107 Phoxinus saylori Laurel Dace AFCJB3001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Madtom AFCCC0104 Ammocrypta clara Western Sand Darter AFCQC0213 Etheostoma cinereum Ashy Darter AFCQC0214 Etheostoma vulneratum Wounded Darter	
AFCJB2810         Notropis ariommus         Popeye Shiner           AFCJB28XA         Notropis sp. cf. N. spectrunculus         Sawfin Shiner           AFCJB3107         Phoxinus saylori         Laurel Dace           AFCJB5001         Erimystax cahni         Slender Chub           AFCJC0401         Cycleptus elongatus         Blue Sucker           AFCKA0206         Noturus flavipinnis         Yellowfin Madtom           AFCKA0221         Noturus stanauli         Pygmy Madtom           AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC0214         Etheostoma vulneratum         Wounded Darter	1 1 1 1 1 1
AFCJB3107 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Madtom AFCCC0104 Anmocrypta clara Western Sand Darter AFCQC0213 Etheostoma cinereum Ashy Darter AFCQC02A1 Etheostoma vulneratum Wounded Darter	111111
AFCJB3107 Phoxinus saylori Laurel Dace AFCJB5001 Erimystax cahni Slender Chub AFCJC0401 Cycleptus elongatus Blue Sucker AFCKA0206 Noturus flavipinnis Yellowfin Madtom AFCKA0221 Noturus stanauli Pygmy Madtom AFCCC0104 Anmocrypta clara Western Sand Darter AFCQC0213 Etheostoma cinereum Ashy Darter AFCQC02A1 Etheostoma vulneratum Wounded Darter	1 1 1 1 1
AFCJB5001         Erimystax cahni         Slender Chub           AFCJCQ401         Cycleptus elongatus         Blue Sucker           AFCKA0206         Noturus flavipinnis         Yellowfin Madtom           AFCKA0221         Noturus stanauli         Pygmy Madtom           AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC0241         Etheostoma vulneratum         Wounded Darter	1 1 1 1
AFCJC0401         Cycleptus elongatus         Blue Sucker           AFCKA0206         Noturus flavipinnis         Yellowfin Madtom           AFCKA0221         Noturus stanauli         Pygmy Madtom           AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC02A1         Etheostoma vulneratum         Wounded Darter	1 1 1 1
AFCKA0206         Noturus flavipinnis         Yellowfin Madtom           AFCKA0221         Noturus stanauli         Pygmy Madtom           AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC02A1         Etheostoma vulneratum         Wounded Darter	1 1 1
AFCKA0221         Noturus stanauli         Pygmy Madtom           AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC02A1         Etheostoma vulneratum         Wounded Darter	_1 _1
AFCQC0104         Ammocrypta clara         Western Sand Darter           AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC02A1         Etheostoma vulneratum         Wounded Darter	_1
AFCQC0213         Etheostoma cinereum         Ashy Darter           AFCQC02A1         Etheostoma vulneratum         Wounded Darter	_
AFCQC02A1 Etheostoma vulneratum Wounded Darter	_1
IN ORONEOE EUROSIONIA UCHONICUINI GUIUCHI DANCH	1
AFCQC02X3 Etheostoma percnurum Duskytail Darter	 1
AFCQC0402 Percina aurantiaca Tangerine Darter	1
AFCQC0404 Percina burtoni Blotchside Logperch	1
AFCQC0412 Percina macrocephala Longhead Darter	1
IMBIV02040 Alasmidonta marginata Elktoe	1
IMBIV02110 Alasmidonta viridis Slippershell Mussel	1
IMBIV08010 Cumberlandia monodonta Spectaclecase	1
IMBIV10020 Cyprogenia stegaria Fanshell	1
IMBIV12010 Dromus dromas Dromedary Pearlymussel	1
IMBIV16030 Epioblasma brevidens Cumberlandian Combshell	1
IMBIV16040 Epioblasma capsaeformis Oyster Mussel	1
IMBIV16181 Epioblasma torulosa gubernaculum Green Blossom	1
IMBIV16190 Epioblasma triquetra Snuffbox	1
IMBIV17020 Fusconaia barnesiana Tennessee Pigtoe	1
IMBIV17040 Fusconaia cor Shiny Pigtoe	_1
IMBIV17050 Fusconaia cuneolus Finerayed Pigtoe	1
IMBIV17120 Fusconaia subrotunda Longsolid	1
IMBIV20010 Hemistena lata Cracking Pearlymussel	1
IMBIV21110 Lampsilis abrupta Pink Mucket	1
IMBIV22050 Lasmigona holstonia Tennessee Heelsplitter	1
IMBIV23010 Lemiox rimosus Birdwing Pearlymussel	1
IMBIV25010 Lexingtonia dolabelloides Slabside Pearlymussel	1
IMBIV28020 Medionidus conradicus Cumberland Moccasinshell	1
IMBIV32010 Pegias fabula Littlewing Pearlymussel	1
IMBIV34030 Plethobasus cyphyus Sheepnose	1
IMBIV35090 Pleurobema cordatum Ohio Pigtoe	1
IMBIV35220 Pleurobema oviforme Tennessee Clubshell	1
IMBIV35240 Pleurobema plenum Rough Pigtoe	1
IMBIV35250 Pleurobema rubrum Pyramid Pigtoe	_1
IMBIV38050 Ptychobranchus subtentum Fluted Kidneyshell	1
IMBIV39042 Quadrula cylindrica strigillata Rough Rabbitsfoot	_1
IMBIV39070 Quadrula intermedia Cumberland Monkeyface	_1
IMBIV39150 Quadrula sparsa Appalachian Monkeyface	_1
IMBIV43031 Toxolasma lividus lividus Purple Lilliput	_1
IMBIV47110 Villosa perpurpurea Purple Bean	_1
IMBIV47140 Villosa trabalis Cumberland Bean	1
IMGASK301 Io fluvialis Spiny Riversnail	1
IMGASK7?? Pleurocera unicale (a snail)	1

## **CSRV** Ecoregion EDU: Coosa River A74 - Upper Conasauga River Total Area: 200,563.9 acres Mott Code: MBB001 A74 Action Site: Yes Subsite Area: 200,563.9 acres Map Location: L12 Land Use/Land Cover (1992 NLCD) GAP Management Status States Census 2000 Primary Threats Subregions 43,890.4 ac. Georgia 77.2% SRV 41.4% Total Pop. 23,679 Natural 159,581.8 ac. 79.6% 21.9% Agricultural practices Pop./Sq. Mi. 17.9% Industrial/municipal pollution Tennessee 22.8% SRV - BUFF 24.4% 76 Agriculture 35.802.1 ac. 33,819.6 ac. 16.9% OUT 17.0% Developed 4,870.8 ac. 2 4% 1,132.7 ac. 0.6% NRV Water 308.7 ac. 0.2% 13.5% NRV - BUFF 3.7% System Targets Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops. small Ridge and Valley rivers, origin in the Blue Ridge/Piedmont AFCJB1504 Hybopsis lineapunctata C003 Lined Chub D005 ridge and valley streams AFCJB4902 Cyprinella caerulea Blue Shiner transitional streams, Blue Ridge to Ridge and Valley AFCJB53?? Macrhybopsis sp. cf. M. aestivalis D040 (undescribed chub) AFCKA02?? Noturus sp. cf. N. munitus Coosa Madtom AFCQC02?? Etheostoma sp. cf. E. brevirostrum (undescribed darter) AFCQC0219 Etheostoma ditrema Coldwater Darter AFCQC0281 Etheostoma trisella Trispot Darter AFCQC0401 Percina antesella Amber Darter AFCQC0411 Percina lenticula Freckled Darter AFCQC0432 Percina jenkinsi Conasauga Logperch AFCQC0434 Percina sp. cf. P. macrocephala Upland Bridled Darter ICMAL07450 Cambarus cymatilis (a crayfish) IMBIV03030 Amblema elliottii Coosa Fiveridge IMBIV14030 Elliptio arca Alabama Spike IMBIV14040 Elliptio arctata Delicate Spike IMBIV16100 Epioblasma metastriata Upland Combshell IMBIV16120 Epioblasma othcaloogensis Southern Acornshell IMBIV21010 Lampsilis altilis Finelined Pocketbook IMBIV21120 Lampsilis ornata Southern Pocketbook IMBIV28010 Medionidus acutissimus Alabama Moccasinshell IMBIV28040 Medionidus parvulus Coosa Moccasinshell IMBIV35050 Pleurobema chattanoogaense Painted Clubshell IMBIV35110 Pleurobema decisum Southern Clubshell IMBIV35140 Pleurobema georgianum Southern Pigtoe IMBIV35160 Pleurobema hanleyianum Georgia Pigtoe IMBIV35310 Pleurobema troshelianum Alabama Clubshell IMBIV38020 Ptychobranchus greenii Triangular Kidneyshell Ridged Mapleleaf IMBIV39140 Quadrula rumphiana IMBIV39190 Quadrula kierneriana Coosa Orb IMBIV42010 Strophitus conasaugensis Alabama Creekmussel IMBIV47080 Villosa nebulosa Alabama Rainbow IMBIV47152 Villosa vanuxemensis umbrans Coosa Creekshell IMGASK263 Elimia striatula File Elimia IMGASK290 Flimia omata Omate Flimia A75 - Upper Cumberland River and tributaries EDU: Cumberland Mountain Total Area: 1,257,943.4 acres Mott Code: TCB050 A75 Action Site: No Subsite Area: 1,257,943.4 acres Map Location: States Subregions Census 2000 Land Use/Land Cover (1992 NLCD) **GAP Management Status Primary Threats** Kentucky 83.3% СМ 61.5% Total Pop. 127,367 Natural 1,190,946.6 ac. 94.7% 3 141,059.9 ac. 11.2% Incompatible forestry practices 16.7% 3.4% NCP 38.5% Pop./Sq. Mi. 43,288.9 ac. 15,054.1 ac. 1.2% Agriculture Industrial/municipal pollution Tennessee 0.0% NRV 0.0% Developed 19,623.5 ac. 1.6% 1,368.0 ac. 0.1% Residential development Virginia 2 Water 4,083.8 ac 0.3% System Targets Species Targets AS Code Aquatic System Description Scientific Name # Occurrences El. Code Common Name # Pops small Cumberland Mountain/Coal Fields rivers, origin in the Cumberland Mountains AFCAB0101 Polyodon spathula C005 Paddlefish D022 Cumberland mountain streams AFCJB3101 Phoxinus cumberlandensis Blackside Dace D023 Cumberland mountain streams 15 AFCQC0266 Etheostoma sagitta sagitta Arrow Darter D024 Cumberland mountain, plateau streams AFCQC02D4 Etheostoma susanae Cumberland Johnny Darter IMBIV02020 Alasmidonta atropurpurea Cumberland Elktoe IMBIV02110 Alasmidonta viridis Slippershell Mussel IMGASK702 Pleurocera alveare Rugged Hornsnail A76 - Upper Gauley River EDU: Upper Kanawha River 384,332.7 acres Mott Code: Total Area: A76 Action Site: Yes Subsite Area: 384,332.7 acres Map Location: States Census 2000 Land Use/Land Cover (1992 NLCD) **GAP Management Status** Primary Threats Subregions West Virginia 100.0% 3 115,774,1 ac. OUT 44 0% Total Pop. 13,528 Natural 362.880.3 ac. 94 4% 30.1% CM - BUFF 28.5% Pop./Sq. Mi. Agriculture 13,171.7 ac. 3.4% 35,824.7 ac. 9.3% СМ 27.4% Developed 6.844.0 ac 1.8% 2 28,424.6 ac. 7.4% Water 1,435.5 ac. 0.4% System Targets Species Targets AS Code Aquatic System Description # Occurrences El. Code Scientific Name Common Name # Pops.

AFCQC0255 Etheostoma osburni

Candy Darter

C038

D023

D123

D124

small Coal Fields rivers with origin in the Alleghany Mountains

Cumberland mountain streams

High Allegheny Mountains streams

High Allegheny Mountains streams

Hanny Tallan	Div					DIII. Tollopooo	Divor				Total Area: 4	52 746 6 parca Mott Code: MPD
Upper Tallap	oosa Kiv		4! 0!4	NI-		DU: Tallapoosa	Rivei					52,746.6 acres Mott Code: MBB
A77			Action Sit			Land Haa/La	-d C (4002	NI C	·D\	CADA		52,746.6 acres Map Location:
States	E 4 70/	Subregions	F0 00/	Census 2000 Total Pop. 38	0.455		nd Cover (1992				Management Status	1
Alabama	54.7%	SRV	50.9%		8,455	Natural	389,725.0 ac.	86.	_	-	,826.2 ac. 6.4%	
Georgia	45.3%	SRV - BUFF OUT	_	Pop./Sq. Mi.	54	Agriculture Developed	48,898.1 ac. 12,435.7 ac.	10.	_	1 3	,114.4 ac. 0.7% 729.6 ac. 0.2%	-
		001	6.3%			Water	1,687.2 ac.		.7% .4%	2	729.6 ac. 0.2%	1
<u> </u>						Water	1,007.2 ac.					
System Targets		December				# 0			_	es Tar	•	0 N #D
AS Code Aqua						# Occurrences			EI. Co		Scientific Name	Common Name # P
		ers, origin in Pied	mont						AFC4E		Cottus sp. cf. C. bairdi	Tallapoosa Sculpin
	ont streams					ı			AFCJB		Hybopsis lineapunctata Etheostoma chuckwacha	Lined Chub
•	ont streams								_		Percina sp. cf. P. macro	
		on monadnocks				2					Cambarus englishi	(a crayfish)
	ont streams	OTTTIONAUTOCKS									Elliptio arctata	Delicate Spike
DOOT FICALLY	ont otrounio										Lampsilis altilis	Finelined Pocketbook
									IMBIV3		Quadrula archeri	Tallapoosa Orb
									IMGAS		Elimia flava	Yellow Elimia
Walden Ridg	e tributa	ries			F	DU: Tennessee	River-Cumber	and F	Platea	au.	Total Area:	16,376.4 acres Mott Code: TCB0
	C tributa					DO: Termessee	Triver Gamber	una i	i iutcu	iu		•
A78A			Action Sit			1 1 11 /1			, D,	0404	Subsite Area:	2,558.9 acres Map Location:
States Tennessee	100.0%	Subregions NCP	100.0%	Census 2000	10	Natural	nd Cover (1992	86.		GAP	Management Status	Incompatible forestry practices
rennessee	100.0%	NCP	100.0%	Total Pop. Pop./Sq. Mi.	48 12	Agriculture	2,201.7 ac. 345.9 ac.	13.				incompatible forestry practices
				rop./sq. ivii.	12	Developed	12.4 ac.		.5%			
4700			\ _4! O''	a. Na		Dotolopeu	12.7 ac.	U.	. 5 /0		Cubalta A.	E 044.4 cor \$4
A78B			Action Sit			Lond He - "	nd Co.: (1000	NI C	.D.	CAR	Subsite Area:	5,814.1 acres Map Location:
States	100.00/	Subregions	100.00/	Census 2000	174		nd Cover (1992			GAP I	Management Status	
Tennessee	100.0%	NCP	100.0%	Total Pop.	171	Natural Agricultura	5,547.4 ac.	95.	_			Incompatible forestry practices
				Pop./Sq. Mi.	19	Agriculture	205.1 ac.		.5% 1%			
						Developed	61.8 ac.	1.	.1%			0.0004
A78C			Action Sit			1		N: -		0	Subsite Area:	8,003.4 acres Map Location:
States	100.004	Subregions	100.00/	Census 2000	207		nd Cover (1992			GAP I	Management Status	
Tennessee	100.0%	NCP	100.0%	Total Pop.	207 17	Natural Agriculture	7,740.2 ac.	96.	. <u>7%</u> .9%			Incompatible forestry practices
				Pop./Sq. Mi.	17	Agriculture	233.6 ac.		.9% .4%			
						Developed	29.8 ac.					
System Targets	i								_	es Tar	•	
									EI. Co		Scientific Name	Common Name # P
								,	AFCJB		Phoxinus saylori	Laurel Dace
White's Cree	k/Piney	River			E	DU: Tennessee	River-Cumber	and F	Platea	ıu	Total Area: 1	46,846.8 acres Mott Code: TCB0
A79A		4	Action Sit	e: No							Subsite Area:	81,104.5 acres Map Location:
States		Subregions		Census 2000		Land Use/Lar	nd Cover (1992	NLC	(D)	GAP N	Management Status	Primary Threats
Tennessee	100.0%	NCP	90.5%	Total Pop.	COEE							
10111100000	100.070				6,955	Natural	75,297.3 ac.	92.	_ '	3 5	,615.4 ac. 6.9%	·   · · · · · · · · · · · · · · · ·
10111100000	100.076	NRV	9.5%	Pop./Sq. Mi.	55	Agriculture	4,392.6 ac.	5.	.4%	3 5	,615.4 ac. 6.9%	Incompatible forestry practices Residential development
10.11100000	100.076					Agriculture Developed	4,392.6 ac. 1,353.9 ac.	5. 1.	.4% .7%	3 5	,615.4 ac. 6.9%	·
	100.076	NRV	9.5%	Pop./Sq. Mi.		Agriculture	4,392.6 ac.	5. 1.	.4%	3 5		Residential development
A79B	100.076	NRV	9.5% Action Sit	Pop./Sq. Mi.		Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac.	5. 1. 0.	.4% .7% .1%		Subsite Area:	Residential development  65,742.3 acres Map Location:
A79B States		NRV  A Subregions	9.5%	Pop./Sq. Mi. e: No Census 2000	55	Agriculture Developed Water  Land Use/Lar	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992	5. 1. 0.	.4% .7% .1%	GAP I	Subsite Area:  Management Status	Residential development  65,742.3 acres Map Location: Primary Threats
A79B	100.0%	NRV  Subregions  NCP	9.5% Action Sit	Pop./Sq. Mi. e: No Census 2000 Total Pop.	3,392	Agriculture Developed Water  Land Use/Lar Natural	4,392.6 ac. 1,353.9 ac. 61.8 ac. nd Cover (1992 58,685.9 ac.	5. 1. 0. <b>NLC</b> 89.	.4% .7% .1% <b>CD)</b>		Subsite Area:	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices
A79B States		NRV  A Subregions	9.5%	Pop./Sq. Mi. e: No Census 2000	55	Agriculture Developed Water  Land Use/Lan Natural Agriculture	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac.	5. 1. 0. <b>NLC</b> 89. 7.	.4% .7% .1% :D) .3% .5%	GAP I	Subsite Area:  Management Status	Residential development  65,742.3 acres Map Location: Primary Threats
A79B States		NRV  Subregions  NCP	9.5% Action Sit	Pop./Sq. Mi. e: No Census 2000 Total Pop.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. <b>NLC</b> 89. 7.	.4% .7% .1% .5D) .3% .5% .2%	GAP I	Subsite Area:  Management Status	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices
A79B States Tennessee	100.0%	NRV  Subregions  NCP	9.5% Action Sit	Pop./Sq. Mi. e: No Census 2000 Total Pop.	3,392	Agriculture Developed Water  Land Use/Lan Natural Agriculture	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac.	5. 1. 0. <b>NLC</b> 89. 7. 3.	.4% .7% .1% .1% .5% .2% .1%	GAP N	Subsite Area:  Management Status 295.8 ac. 0.5%	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices
A79B States Tennessee	100.0%	Subregions NCP NRV	9.5% Action Sit	Pop./Sq. Mi. e: No Census 2000 Total Pop.	3,392 33	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. <b>NLC</b> 89. 7. 3.	.7% .1% .1% .5% .2% .1% .5% .2% .1%	GAP II	Subsite Area: Management Status 295.8 ac. 0.5% gets	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. <b>NLC</b> 89. 7. 3.	.7% .1% .2% .1% .2% .1% .2% .1%	GAP II	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # P
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	Pop./Sq. Mi. e: No Census 2000 Total Pop.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	.7% .1% .5% .2% .1% .Speci	GAP Notes Tarode	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	.4% .7% .1% .3% .5% .2% .1% .2% .1% .2% .4FCAA AFCJB	GAP N 2  Ses Tar  ode  A0102 33107	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	.4% .7% .1% .3% .5% .2% .1% .2% .1% .2% .4FCAA AFCJB AFCQG	GAP II 2 les Tar ode A0102 33107 C02A1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLCC 89. 7. 3. 0.	.4% .7% .1% .3% .5% .2% .1% .19 .2% .4FCAA AFCJB AFCQQAFCQQ	GAP N 2 les Tar ode A0102 33107 C02A1 C0402	Subsite Area: Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLCC 89. 7. 3. 0.	.4% .7% .1% .3% .5% .2% .1% .5 .2% .1% .5 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	GAP N 2 les Tar ode A0102 33107 C02A1 C0402 02110	Subsite Area: Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLCC 89. 7. 3. 0.		GAP N 2 2 es Tar ode A0102 33107 C02A1 C0402 02110 17020	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	4% 7% 1% 1% 1% 20 5% 2% 1% Speci EI. Cc AFCAP AFCAP AFCQU IMBIVC IMBIVC IMBIVC IMBIVC	GAP N 2 2 2 3 3 107 C02A1 C0402 02110 17020 17050	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	4.4% 1.7% 1.1%  ED) 3.3% 1.2% 1.1%  Speci EI. Cc AFCAA AFCAB AFCAB AFCQC IMBIVG IMBIVG IMBIVG IMBIVG IMBIVG IMBIVG IMBIVG IMBIVG	GAP N 2 les Tar ode A0102 33107 C02A1 C0402 02110 17020 17050 21110	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barmesiana Fusconaia cuneolus Lampsilis abrupta	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. <b>NLC</b> 89. 7. 3. 0.	AFCAAFCAAFCAAFCAAFCAAFCAAFCAAFCAAFCAAFC	GAP N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Subsite Area: Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket S Orangefoot Pimpleback
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5. 1. 0. 89. 7. 3. 0.	4.4% 1.7% 1.1% 2.0) 3.3% 2.0% 1.1% 2.0% 1.1% 3.5% 2.0% 1.1% 3.5% 2.0% 1.1% 3.5% 3.5% 1.1% 3.5% 3.5% 1.1% 3.5% 3.5% 1.1% 3.5% 3.5% 1.1% 3.5% 3.5% 1.1% 3.5% 3.5% 3.5% 3.5% 3.5% 3.5% 3.5% 3.5	GAP N 2 2 2 2 3 3 1 0 7 2 2 2 3 3 1 0 7 2 2 2 2 2 2 2 2 2 2 2 1 1 0 2 2 2 2 2 2	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cyphyus	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Orangefoot Pimpleback Sheepnose
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5 1 0 NLCC 89 7 3 0	4.4% 1.7% 1.1% 3.3% 2.2% 1.1% Speci EI. Cc AFCAZA AFC	GAP N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cyphyus Pleurobema cordatum	Residential development  65,742.3 acres Map Location: Primary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Orangefoot Pimpleback Sheepnose Ohio Pigtoe
A79B States Tennessee  System Targets AS Code Aqua	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	3,392	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. ad Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac.	5 1 0 NLCC 89 7 3 0		GAP N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Piethobasus cooperianus Piethobasus copperianus Piethobasus cordatum Pleurobema cordatum Pleurobema oviforme	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell
A79B States Tennessee  System Targets AS Code Aqua D015 transiti	100.0%	Subregions NCP NRV  Description	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	55 33,392 33	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2	4,392.6 ac. 1,353.9 ac. 61.8 ac. dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5 1 0 NLC 89 7 3 0	4.4% 1.7% 1.1% 3.3% 2.2% 1.1% Speci EI. Cc AFCAZA AFC	GAP N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema oviforme Elimia teres	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Solengefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia
A79B States Tennessee  System Targets AS Code Aqua D015 transiti	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5%  Action Sit  97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	55 33,392 33	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5 1 0 NLC 89 7 3 0		GAP N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barmesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cyphyus Pleurobema cordatum Pleurobema oviforme Elimia teres Total Area: 2	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Solvengeon Onio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB
A79B States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5% Action Sit 97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.	55 33,392 33	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2	4,392.6 ac. 1,353.9 ac. 61.8 ac. hd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5 1 0 89 7 3 0	4.4% 1.7% 1.1% 1.1% 1.5% 1.5% 1.2% 1.1% 1.5% 1.1% 1.5% 1.1% 1.5% 1.1% 1.5% 1.1% 1.5% 1.1% 1.1	GAP N 2 2 2 33107 C02A1 C0402 21110 17050 21110 34020 35090 35599 35520 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianu	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location:
States Tennessee  System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5%  Action Sit  97.8% 2.2%  ateau to ridg	e: No Census 2000 Total Pop. : Pop./Sq. Mi.  e and valley, escarp  e: No Census 2000	33,392 33	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2	4,392.6 ac. 1,353.9 ac. 61.8 ac.  dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5 1 0 89 7 3 0		GAP N 2 2 2 33107 C02A1 C0402 21110 17050 21110 34020 35090 35599 35520 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barmesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cyphyus Pleurobema cordatum Pleurobema oviforme Elimia teres Total Area: 2	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5%  Action Sit  97.8% 2.2%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e and valley, escarp  e: No Census 2000 Total Pop.	55 55 33,392 33 mment	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lan Natural	4,392.6 ac. 1,353.9 ac. 61.8 ac.  dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.	4% 7% 17% 190 3% 5.5% 2.2% 11% Special Cc AFCA/AFCJB AFCQ/AFCJB IMBIV/3 IMBIV/	GAP N 2 2 2 33107 C02A1 C0402 21110 17050 21110 34020 35090 35599 35520 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianu	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location:
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States Tennessee  System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5%  Action Sit  97.8% 2.2%  ateau to ridg	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e and valley, escarp  e: No Census 2000 Total Pop.	55 55 33,392 33 mment	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lan Natural Agriculture Developed	4,392.6 ac. 1,353.9 ac. 61.8 ac.  dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.  dd Cover (1992 110,401.0 ac. 12,544.0 ac. 5,339.3 ac.	5. 1. 0. 89. 7. 3. 0. \$\frac{1}{2}\$		GAP N 2 2 2 33107 C02A1 C0402 21110 17050 21110 34020 35090 35599 35520 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianu	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr A80A States Alabama	100.0%	Subregions NCP NRV  Description , Cumberland pla	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e and valley, escarp  e: No Census 2000  Total Pop. 1: Pop./Sq. Mi.	55 55 33,392 33 mment	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blac  Land Use/Lan Natural Agriculture	4,392.6 ac. 1,353.9 ac. 61.8 ac.  dd Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.	5. 1. 0. 89. 7. 3. 0. \$\frac{1}{2}\$	LAS AFCAL AF	GAP N 2 2 2 33107 C02A1 C0402 21110 17050 21110 34020 35090 35599 35520 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Pleturobema cordatum Pleurobema oviforme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Orangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: 13
A79B States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr A80A States Alabama  A80B	100.0%	Subregions NCP NRV  Description , Cumberland pla  Subregions SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg	e: No Census 2000 Total Pop. : Pop./Sq. Mi.  ee and valley, escarp  ee: No Census 2000 Total Pop. 1: Pop./Sq. Mi.	55 55 33,392 33 mment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac.  dd Cover (1992) 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.  dd Cover (1992) 110,401.0 ac. 12,544.0 ac. 12,544.0 ac. 222.4 ac.	5 1 0 89 7 3 0 \$ \$ \$ \$ \$ \$	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP N 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema covidorme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status  Subsite Area:	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States Alabama  A80B States	100.0%	Subregions  NCP NRV  Description , Cumberland pla  Subregions  SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: and valley, escarp  e: No Census 2000 Total Pop. 1: Pop./Sq. Mi.	55 ss s	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lan Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac.  d Cover (1992 58,685.9 ac. 4,915.0 ac. 2,073.2 ac. 69.2 ac.  d Cover (1992 110,401.0 ac. 12,544.0 ac. 5,339.3 ac. 222.4 ac.	5 1 0 NLC 89 7 3 0 9 4 0	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP N 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Pleturobema cordatum Pleurobema oviforme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr A80A States Alabama  A80B	100.0%	Subregions NCP NRV  Description , Cumberland pla  Subregions SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lan Natural Agriculture Developed Water  Land Use/Lan Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. 61.9 ac. 69.2 ac.	5. 1. 0.  NLCC 89. 7. 3. 0.  \$\frac{1}{2}\$  NLCC 85.  9. 4. 0.	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP N 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema covidorme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status  Subsite Area:	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States Alabama  A80B States	100.0%	Subregions  NCP NRV  Description , Cumberland pla  Subregions  SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: and valley, escarp  e: No Census 2000 Total Pop. 1: Pop./Sq. Mi.	55 ss s	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  Du: Upper Blac  Land Use/Lar Natural Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. 69.2 ac.	5. 1. 0. NLC 89. 7. 3. 0	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP N 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema covidorme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status  Subsite Area:	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
A79B States Tennessee  System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States Alabama  A80B States	100.0%	Subregions  NCP NRV  Description , Cumberland pla  Subregions  SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. 61.9 ac. 69.2 ac. 60.2 a	NLC 89. 7. 3. 0. NLC 85. 85. 9. 4. 0.		GAP N 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema covidorme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status  Subsite Area:	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
System Targets AS Code Aqua D015 transit  Wolf/Lost Cr A80A States Alabama  A80B States Alabama	100.0% titic System ional streams  reeks  100.0%	Subregions  NCP NRV  Description , Cumberland pla  Subregions  SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  Du: Upper Blac  Land Use/Lar Natural Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. 69.2 ac.	5. 1. 0. NLC 89. 7. 3. 0.  NLC 85. 4. 0.	AFCQQ   AFCQQ   IMBIV3   IMB	GAP N  (2  12  14  15  16  16  17  17  17  17  17  18  18  18  18  18	Subsite Area:  Management Status 295.8 ac. 0.5%  Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Pletrobema cordatum Pleurobema oviforme Elimia teres  Total Area: 2 Subsite Area: 1: Management Status  Subsite Area: i	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name #F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location:
States Tennessee  System Targets AS Code Aqua D015 transit  Wolf/Lost Cr A80A States Alabama  A80B States Alabama  System Targets	100.0% is titic System ional streams 100.0% 100.0%	Subregions NCP NRV  Description , Cumberland pla  Subregions SCP  A  Subregions SCP	9.5%  Action Sit  97.8% 2.2%  ateau to ridg  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  Land Use/Lar Natural Agriculture Developed Water   4,392.6 ac. 1,353.9 ac. 61.8 ac. 61.9 ac. 69.2 ac. 60.2 a	NLC 89. 4. 0. NLC 92. 4. 3. 0.	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP II  [2]  GAP II  [2]  GAP II  GAP	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema cordatum Pleurobema cordatum Pleurobema Suphyus Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cordatum Pleurobema Suphyus Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cordatum Pleurobema Cordatum Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cor	Residential development  65,742.3 acres Map Location: Frimary Threats Incompatible forestry practices Residential development  Common Name # F Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Sorangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB 28,506.0 acres Map Location: Frimary Threats  82,807.7 acres Map Location: Frimary Threats	
System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States Alabama  A80B States Alabama  System Targets AS Code Aqua	100.0% itic System ional streams 100.0%	Subregions NCP NRV  Description , Cumberland pla  Subregions SCP  Subregions SCP  Description	9.5%  Action Sit  97.8% 2.2%  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  DU: Upper Blace Land Use/Lar Natural Agriculture Developed Water	4,392.6 ac. 1,353.9 ac. 61.8 ac. 61.9 ac. 69.2 ac. 60.2 a	5. 1. 0. NLCC 89. 7. 3. 0.  \$\frac{1}{3}\$ \$\text{NLCC}\$  85.  9. 4. 4. 3. 0.	1	GAP N 2    Page	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia tuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cyphyus Pleurobema cordatum Pleurobema cordatum Pleurobema viforme Elimia teres Total Area: 2 Subsite Area: 1: Management Status  Subsite Area: 4 Management Status  gets Scientific Name	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket Orangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBBI 28,506.0 acres Map Location: 6 Primary Threats  82,807.7 acres Map Location: 6 Primary Threats
System Targets AS Code Aqua D015 transiti  Wolf/Lost Cr A80A States Alabama  A80B States Alabama  System Targets AS Code Aqua	100.0% itic System ional streams 100.0%	Subregions NCP NRV  Description , Cumberland pla  Subregions SCP  A  Subregions SCP	9.5%  Action Sit  97.8% 2.2%  Action Sit  100.0%	e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Pop./Sq. Mi.  e: No Census 2000 Total Pop. Total Pop. Total Pop.	55 33,392 33 ment	Agriculture Developed Water  Land Use/Lar Natural Agriculture Developed Water  # Occurrences 2  Land Use/Lar Natural Agriculture Developed Water   4,392.6 ac. 1,353.9 ac. 61.8 ac. 61.9 ac. 69.2 ac. 60.2 a	5. 1. 0. NLCC 89. 7. 3. 0	4% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7% 1.7	GAP N 2 les Tar ode A0102 33107 C020A1 17020 21110 17020 21110 34030 35090 35220 SK267	Subsite Area:  Management Status 295.8 ac. 0.5%  gets Scientific Name Acipenser fulvescens Phoxinus saylori Etheostoma vulneratum Percina aurantiaca Alasmidonta viridis Fusconaia barnesiana Fusconaia barnesiana Fusconaia cuneolus Lampsilis abrupta Plethobasus cooperianus Plethobasus cooperianus Plethobasus cordatum Pleurobema cordatum Pleurobema cordatum Pleurobema cordatum Pleurobema Suphyus Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cordatum Pleurobema Suphyus Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cordatum Pleurobema Cordatum Pleurobema Suphyus Pleurobema Cordatum Pleurobema Cor	Residential development  65,742.3 acres Map Location:  Primary Threats Incompatible forestry practices Residential development  Common Name # P Lake Sturgeon Laurel Dace Wounded Darter Tangerine Darter Slippershell Mussel Tennessee Pigtoe Finerayed Pigtoe Pink Mucket S Orangefoot Pimpleback Sheepnose Ohio Pigtoe Tennessee Clubshell Elegant Elimia  11,313.8 acres Mott Code: MBB/I 28,506.0 acres Map Location: G Primary Threats  82,807.7 acres Map Location: G Primary Threats	

Yellowle	eaf Creek				E	DU: Coosa Riv	er		Total Area:	33,823.7 acres	Mott Code: MBB025
A81		Α	ction Sit	te: No					Subsite Area:	33,823.7 acres	Map Location: R17
States		Subregions		Census 2000	)	Land Use/Lai	nd Cover (1992	NLCD)	GAP Management Statu	s Primary Thre	eats
Alabama	100.0%	SRV	53.9%	Total Pop.	2,716	Natural	28,392.5 ac.	83.9%		Impoundmen	ts/stream modification
		SRV - BUFF	46.1%	Pop./Sq. Mi.	51	Agriculture	4,632.9 ac.	13.7%			
			,			Developed	745.8 ac.	2.2%			
						Water	51.9 ac.	0.2%			
System Ta	rgets							Spe	cies Targets		
AS Code	Aquatic System	Description				# Occurrences					
D057	Piedmont streams	•				1					

M01 - Alpine Mounta	ain		CA Type: Matrix La	andscape	Action Site:	No Total Area:	154.8	05.5 acres	Map Location: H13
States	Subregions	Census 2000	Land Use/Land			AP Management Sta		Primary Thre	
Tennessee 100.0%	NCP 95.2%	Total Pop. 3,950		•	94.8% 4		.1%	Agricultural p	
	NCP - BUFF 4.8%	Pop./Sq. Mi. 16	Agriculture	7,250.0 ac.	4.7%				forestry practices
			Developed	758.6 ac.	0.5%			Residential d	evelopment
Viable Targets			Water	46.9 ac.	0.0%				
El. Code Scientific Nar	me					Common Name			# Occurrences
CEGL00434 Diamorpha sma	llii - Minuartia glabra Sandstone i	Herbaceous Vegetation				Appalachian Sandsto	ne Glad	les and Barrens	1
M02 - Bald Rock Moi	untain		CA Type: Matrix La	andscape	Action Site:	No Total Area:	42,2	.63.9 acres	Map Location: P16
States	Subregions	Census 2000	Land Use/Land	Cover (1992 N	ILCD) GA	AP Management Sta	itus	Primary Thre	eats
Alabama 100.0%	SRV 100.0%	Total Pop. 4,453			86.8%			Incompatible	forestry practices
		Pop./Sq. Mi. 67	Agriculture		11.9%				
			Developed	531.0 ac.	1.3%				
Viable Targets			Water	49.4 ac.	0.1%				
El. Code Scientific Nar						Common Name			# Occurrences
PDFAG052F Quercus boynto						Boynton's Sand Post	Oak		4
PDHAM0102 Fothergilla majo	r					Mountain Witch-alder			1
M03 - Bankhead/Wa	arrior Mountains		CA Type: Matrix La		Action Site:	No Total Area:	216,2	76.5 acres	Map Location: N18
States	Subregions	Census 2000	Land Use/Land			AP Management Sta		Primary Thre	
Alabama 100.0%	SCP 88.1%	Total Pop. 3,210					.2%		forestry practices
	SCP - BUFF 11.9%	Pop./Sq. Mi. 9		12,908.9 ac.	6.0%	25,768.2 ac. 11.	.9%	Residential d	evelopment
			Developed	4,651.2 ac.	2.2%				
Viable Targets			Water	585.4 ac.	0.3%				
El. Code Scientific Nar						Common Name			# Occurrences
	Moulton Valley Limestone Glade					Nashville Basin/Moult		,	
	oressa - Schoenolirion croceum -			on		Appalachian and Inter			te Glades and Barren 1
	lii - Coreopsis pulchra - Liatris mi	icrocepnala Herbaceous Veg	etation			Appalachian Sandsto		es and Barrens	2
PDAST5A01 Jamesianthus and PDBRA1L01 Leavenworthia a						Alabama Jamesianthi Alabama Gladecress	us		
PDBRA1L03 Leavenworthia						Fleshy-fruit Gladecres	ee		! 
PDPOR080 Talinum menges						Menge's Fame-flower			
PDRAN0B01 Delphinium alab						Alabama Larkspur			
PDRAN0M0 Thalictrum miral	bile					Little Mountain Meado	ow-rue		1
PMALI040U Sagittaria secun	difolia					Little River Arrow-hea	ıd		1
PMCYP03JY Carex brysonii						Bryson's Sedge			2
PPHYM010P Hymenophyllum						Taylor's Filmy Fern			1
	sa var. alabamensis					Streak-sorus Fern			19
XXXXX0000 N/A						Neo-tropical Migratory	y Bird Sı	uite	1
M04 - Bays Mountain	n		CA Type: Matrix La		Action Site:			53.2 acres	Map Location: H7
States	Subregions	Census 2000	Land Use/Land			AP Management Sta	itus	Primary Thre	
Tennessee 100.0%	NRV 100.0%	Total Pop. 1,407			90.0%				forestry practices
		Pop./Sq. Mi. 32	Agriculture	2,685.0 ac.	9.6%			Residential d	evelopment
			Developed	108.7 ac.	0.4%				
Viable Targets			Water	24.7 ac.	0.1%				
El. Code Scientific Nar	me					Common Name			# Occurrences
XXXXX0000 N/A						Neo-tropical Migratory	y Bird Sı	uite	1
	& School Creek Moun		CA Type: Matrix La		Action Site:			26.6 acres	Map Location: P15
States	Subregions	Census 2000	Land Use/Land			AP Management Sta	itus	Primary Thre	
Alabama 100.0%	SRV 100.0%	Total Pop. 979			89.5%			Fire suppress	
		Pop./Sq. Mi. 23	Agriculture	2,223.0 ac.	8.2%			Incompatible	forestry practices
			Water	598.4 ac.	2.2%				
Viable Targets			Developed	14.8 ac.	0.1%				

State
National Turgets
Water   75.5 a ac. 1.5%   Perceptor   75.5 a ac. 1.5%   Percepto
Control   Scientific Name
Education
Package   Pack
Carga Aster
PRAYSTRAY   Continue analysis   Process   Pr
PRASTSTW   June   Jun
PRASTRIBO   Marchalla motoris   Bundris   Bu
PlansFlore    Plans
PRAISTOR   Polymenia lavoigata   Proposition   Propositi
Plans   Plan
PRIORAGENIA   Analogo and a comparison   Control   Con
Common Name
PORAPILLS   Leavemonthie acquar var. lutea   PORAPILLS   Leavemonthie acquar var. lutea   PORAPILLS   Leavemonthie acquar var. lutea   PORAPILLS   P
POCAPAIL   Security   Pocapail
PROJECT   Steries region   Project
PDRCRAPAD   Setum neviri   PDRCRAPAD   Setum n
Alabama Croton
PDRAMITUAL   Scutellaria alabamensis   Supellaria perlianonicies var. alabamensis   Alabama Skullicap   PDRAMITUAL   Scutellaria alabamensis   Alabama Skullicap   PDRAMITUAL   PDRAMITUA
Alabama Skullcap
PDL060302 Spigelia gentianorides var. alabamensis
POPLOS   10
PROSIA101   Neviusia alabamensis   Alabama Snow-weath
PDSCH0102   Schisandra glabra   Bay Starvine
Carbille   Sp. 1
Carolina Horse-nettle   Phi/Ory   Phi/Ory   Phythosopora thorne    Financial Spidertily   Phi/Ory   Phi/
PMCYPON2   Nymenocallis coronaria   Thome's Beakrush   Shoals Spiderilly   Tennessee   Shoal
PMLIL15040   Hymenocallis coronaria   Hymenocallis coronaria   Shoals Spiderilly   Tennessee Yellow-eyed Grass   Total Area: 62,442.1 acres   Map Locatio   States   Subregions   Census 2000   Land Use/Land Cover (1992 NLCD)   NCP   85.3%   NCP - BUFF   14.7%   Pop./Sq. Mi.   36   NcP - BUFF   14.7%   NcP - BUFF   14.7%   Pop./Sq. Mi.   36   NcP - BUFF   14.7%   Pop./Sq. Mi.   36   NcP - BUFF   14.7%   NcP -
Note   Substant   Su
Natural   100.0%   NCP   85.3%   NCP   85.3%   NCP   BUFF   14.7%   NCP   85.3%   NCP   BUFF   14.7%   NCP   BUFF   14.7%   Natural   58,171.3   ac.   93.2%   Agriculture   1,335.5   ac.   2.1%   Developed   530.8   ac.   0.9%   Nce   Now
Natural   100.0%   NCP   85.3%   NCP   BUFF   14.7%   NUISIBLE Targets   Natural   58,171.3 ac.   93.2%   Agriculture   1,335.5 ac.   2.1%   2.5,104.1 ac.   8.2%   1.56 ac.   0.0%   Ncm   Mining practices
NCP - BUFF
Agriculture   1,335.5 ac.   2.1%   Developed   530.8 ac.   0.9%
Developed   Sale   Scientific Name   Developed   Sale
El. Code   Scientific Name   Common Name   # Occur
AMACC0802 Corynorhinus rafinesquii Rafinesque's Big-eared Bat  CEGR03801 Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests  Appalachian Cove (Mixed Mesophytic) Forests  Appalachian Cove (Mixed Mesophytic) Forests  PDSCR0504 Aureolaria patula  XXXXXX000 N/A  MO8 - Big South Fork South  Subregions  Tennessee 71.4%  Kentucky 28.6%  Viable Targets  Rafinesque's Big-eared Bat  Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests  Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests  Lucy Braun's White Snakeroot  Lucy Braun'
CEGR03801   Southeastern Floodplain Forests Mixed Hardwood Bottomland Forests   Appalachian Cove (Mixed Mesophytic) Forests
PDASTBX0E   Agreatina luciae-brauniae   Lucy Braun's White Snakeroot
PDSCR0504   Aureolaria patula   Spreading False-foxglove   Neo-tropical Migratory Bird Suite
Note
Mole - Big South Fork   South   Subregions   Census 2000
States         Subregions         Census 2000         Land Use/Land Cover (1992 NLCD)         GAP Management Status         Primary Threats           Tennessee         71.4% Kentucky         NCP - BUFF         4.6% CM         Pop./Sq. Mi.         12         Natural 309,192.6 ac. 96.7% Agriculture         9,107.0 ac. 2.8% Developed         2.8% Developed         3 24,294.5 ac. 7.6%         7.6% Residential development           Viable Targets         Viable Targets         Water         573.1 ac. 0.2%         0.2%         Total Pop. 6,089 Agriculture         Primary Threats         Primary Threats
Tennessee 71.4% Kentucky 28.6%  NCP 94.9% NCP - BUFF 4.6% CM 0.5%  Viable Targets  NCP 94.9% NCP - BUFF 4.6% CM 0.5%  Natural 309,192.6 ac. 96.7% Agriculture 9,107.0 ac. 2.8% Developed 928.7 ac. 0.3% Water 573.1 ac. 0.2%  Natural 309,192.6 ac. 96.7% Agriculture 9,107.0 ac. 2.8% Developed 928.7 ac. 0.3% Water 573.1 ac. 0.2%
CM         0.5%         Developed         928.7 ac.         0.3%         Residential development           Viable Targets         Water         573.1 ac.         0.2%
Viable Targets Water 573.1 ac. 0.2%
El. Code Scientific Name Common Name # Occur
AMACCO802 Corynorhinus rafinesquii Rafinesque's Big-eared Bat
MMFF0810 Neotoma magister Allegheny Woodrat  DEGR04501 Appalachian Cove (Mixed Mesophytic) Forests Appalachian Cove (Mixed Mesophytic) Forests
ZEGRO4702 Interior Streamhead Seepage Swamps  Interior Streamhead Seepage Swamps  Interior Streamhead Seepage Swamps
PDARI03020 Hexastylis contracta Southern Heartleaf
PDAST0T4P Aster saxicastellii Rockcastle Aster
PDAST6803 Marshallia grandiflora Large-flowered Barbara's Buttons
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot PDBER0201 Berberis canadensis American Barberry
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDBER0201 Berberis canadensis American Barberry  PDCAR0G0 Minuartia cumberlandensis Cumberland Sandwort
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDBER0201 Berberis canadensis American Barberry  PDCAR0G0 Minuartia cumberlandensis Cumberland Sandwort  PDLAM0D05 Conradina verticillata Cumberland Rosemary
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDER2021 Berberis canadensis American Barberry  PDCAR0G0 Minuartia cumberlandensis Cumberland Sandwort  PDCAR0G1 Conradina verticillata  PDRCS100 Spiraea virginiana Virginia Spiraea  PMCCO00 Cypripedium kentuckiense Southern Lady's Slipper
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  American Barberry  PDCAR0G0 Minuartia cumberlandensis  PDCAR0G0 Conradina venticillata  PDCAR0G0 Spiraea virginiana  PMCRCS100 Spiraea virginiana  PMCRCOQ0 Cypripedium kentuckiense  XXXXX0000 N/A  Lucy Braun's White Snakeroot  American Barberry  Cumberland Sandwort  Cumberland Rosemary  Virginia Spiraea  Virginia Spiraea  Southern Lady's Slipper  XXXXX0000 N/A  Neo-tropical Migratory Bird Suite
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDERRO201 Berberis canadensis American Barberry  PDCAR000 Minuarlia cumberlandensis Cumberland Sandwort  PDBLAM0D05 Conradina verticillata  PDROS100 Spiraea virginiana  PMORC010 Cypripedium kentuckiense  Southern Lady's Slipper  KXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDERRO201 Berberis canadensis American Barberry  PDCAR000 Minuarlia cumberlandensis Cumberlandensis Cumberland Rosemary  PDLAM0DD5 Conradina verticillata  PDROS100 Spiraea virginiana Virginia Spiraea  PMOR0000 Cypripedium kentuckiense Southern Lady's Slipper  KXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PDASTBXUE Ageratina luciae-brauniae Lucy Braun's White Snakeroot  PDER0201 Berberis canadensis American Barberry  PDCAR020 Minuardia cumberlandensis Cumberlandensis  PDLAM0DD5 Conradina verticillata  PDLAM0D5 Coprigedium kentuckiense  PMOR0200 Cypripedium kentuckiense  CXXXX000 N/A   M09 - Black & Stone Mountains  Subregions  Census 2000  Land Use/Land Cover (1992 NLCD)  GAP Management Status  Primary Threats  Frimary Threats  Incompatible forestry practice  Primary Threats  Incompatible forestry practice
PDASTBX0E Ageratina luciae-brauniae Lucy Braun's White Snakeroot  American Barberry  DDECAROGO Minuartia cumberlandensis  PDCAROGO Spiraea virginiana  PMORCOQO Cypripedium kentuckiense  CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Description
PASTBX0E   Ageratina luciae-brauniae   Lucy Braun's White Snakeroot
PDSTBX0E   Ageratina luciae-brauniae   Lucy Braun's White Snakeroot
PDASTBX0E   Ageratina luciae-brauniae   Lucy Braun's White Snakeroot
PDASTBXDE Ageratina luciae-brauniae  PDERRO201 Berberis canadensis  PDEAROGO Minuartia cumberlandensis  Cumberland Rosemary  PDEAROGO Organia verticillata  PDEAROGO Organia verticillata  PDEAROGO Organia verticillata  PMORCOQO Organia verticillata  Neo-Iropical Migratory Bird Suite  Neo-Iropical Migratory Bir
PDASTBX0E Ageratina luciae-brauniae  Decrended Sarberts canadensis  Decrended Sarberts  Southern Lady's Slipper  Neo-tropical Migratory Bird Suite  Neo-tro

M40 DII-W	Diagram Diagram		CA Tumas Matrix La	andasana Astis	- Citar No. Total Aven. 24	262 1 serse Man Leastion: O1
M10 - Black Warrior I States	Subregions	Census 2000	CA Type: Matrix La Land Use/Land	Cover (1992 NLCD)	n Site: No Total Area: 31 GAP Management Status	,263.1 acres Map Location: Q19 Primary Threats
Alabama 100.0%	SCP - BUFF 57.9%	Total Pop. 3,157		25,589.2 ac. 81.9%	]	Incompatible forestry practices
<u>.</u>	SCP 39.5%	Pop./Sq. Mi. 65	Water	3,318.8 ac. 10.6%		Residential development
	OUT 2.6%		Developed	1,539.6 ac. 4.9%		
Viable Targets			Agriculture	815.5 ac. 2.6%		
EI. Code Scientific Nam PDCRA0A0 Sedum nevii	ie				Common Name	# Occurrence
	sis var. alabamensis				Nevius' Stonecrop  Alabama Croton	
PDROS1401 Neviusia alabame					Alabama Snow-wreath	
PMCYP03JY Carex brysonii					Bryson's Sedge	
PMSTE0101 Croomia pauciflor	ra				Croomia	
M11 - Bogan Mountai			CA Type: Matrix La			,465.0 acres Map Location: N1
States	Subregions	Census 2000		Cover (1992 NLCD)	GAP Management Status	Primary Threats
Georgia 57.7% Alabama 42.3%	SRV 100.0%	Total Pop. 221 Pop./Sq. Mi. 8	Natural 1 Agriculture	15,645.0 ac. 89.6% 1,282.7 ac. 7.3%		Incompatible forestry practices
Alabama 42.5%		r op./oq. ivii. 0	Developed	534.9 ac. 3.1%		
Viable Targets			Water	2.5 ac. 0.0%		
M12 - Brady Mountai	n		CA Type: Matrix La	andscape Actio	n Site: No Total Area: 140	,310.7 acres Map Location: J
States	Subregions	Census 2000		Cover (1992 NLCD)	GAP Management Status	Primary Threats
Tennessee 100.0%	NCP 96.0%	Total Pop. 9,593	Natural 12	21,958.8 ac. 86.9%	3 8,284.0 ac. 5.9%	Incompatible forestry practices
	NRV 4.0%	Pop./Sq. Mi. 44		17,126.6 ac. 12.2%	2 295.8 ac. 0.2%	Residential development
			Developed	1,109.2 ac. 0.8%		
Viable Targets			Water	116.1 ac. 0.1%		".0
EI. Code Scientific Nam AAAAD0309 Desmognathus w					Common Name  Black Mountain Salamande	# Occurrence
AAAADU3U9 Desmognatnus w PMLIL200Q0 Trillium pusillum	ono!!				Least Trillium	1
PMPOT0313 Potamogeton ten	nesseensis				Tennessee Pondweed	
M13 - Breaks			CA Type: Matrix La	andscape Actio	n Site: No Total Area: 26	,044.3 acres Map Location: E
States	Subregions	Census 2000		Cover (1992 NLCD)	GAP Management Status	Primary Threats
Virginia 56.6%	CM 100.0%	Total Pop. 2,100		25,419.9 ac. 97.6%		
Kentucky 43.4%		Pop./Sq. Mi. 52	Agriculture	333.2 ac. 1.3%		
Viable Targete			Developed Water	276.4 ac. 1.1% 14.8 ac. 0.1%		
Viable Targets			•			
<b>M14 - Brindley Mount</b> States		Census 2000	CA Type: Matrix La	andscape Actio Cover (1992 NLCD)		,657.7 acres Map Location: N1
Alabama 100.0%	Subregions 100.0%	Total Pop. 1,356		14,953.5 ac. 84.7%	GAP Management Status	Primary Threats Incompatible forestry practices
-liabama 100.070	001 100.070	Pop./Sq. Mi. 49	Agriculture	2,383.2 ac. 13.5%		Residential development
			Developed	269.2 ac. 1.5%		
Viable Targets						
viable raigets			Water	51.9 ac. 0.3%		
	ttle Mountain		Water  CA Type: Matrix La			,818.2 acres Map Location: M2
M15 - Cane Creek/Lit	ttle Mountain Subregions	Census 2000	CA Type: Matrix La			,818.2 acres Map Location: M2 Primary Threats
M15 - Cane Creek/Lit States	Subregions SCP 72.1%	Census 2000           Total Pop.         294	CA Type: Matrix La  Land Use/Land  Natural	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3%	n Site: No Total Area: 20 GAP Management Status	Primary Threats Incompatible forestry practices
M15 - Cane Creek/Lit States	Subregions	Census 2000	CA Type: Matrix La  Land Use/Land  Natural  Agriculture	Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3%	n Site: No Total Area: 20 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices
M15 - Cane Creek/Lit States Alabama 100.0%	Subregions SCP 72.1%	Census 2000           Total Pop.         294	CA Type: Matrix La  Land Use/Land  Natural  Agriculture  Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2%	n Site: No Total Area: 20 GAP Management Status	Primary Threats Incompatible forestry practices
M15 - Cane Creek/Lit States Alabama 100.0% Viable Targets	Subregions           SCP         72.1%           SCP - BUFF         27.9%	Census 2000           Total Pop.         294	CA Type: Matrix La  Land Use/Land  Natural  Agriculture	Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3%	n Site: No Total Area: 20 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development
M15 - Cane Creek/Lit States Alabama 100.0% Viable Targets El. Code Scientific Nam	Subregions           SCP         72.1%           SCP - BUFF         27.9%	Census 2000           Total Pop.         294	CA Type: Matrix La  Land Use/Land  Natural  Agriculture  Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2%	n Site: No Total Area: 20 GAP Management Status  Common Name	Primary Threats Incompatible forestry practices Mining practices Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer	Subregions           SCP         72.1%           SCP - BUFF         27.9%	Census 2000           Total Pop.         294	CA Type: Matrix La  Land Use/Land  Natural  Agriculture  Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2%	n Site: No Total Area: 20 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPR103060 Dodecatheon frer PDRANOM0 Thalictrum mirabil	Subregions           SCP         72.1%           SCP - BUFF         27.9%	Census 2000 Total Pop. 294 Pop./Sq. Mi. 9	CA Type: Matrix La  Land Use/Land  Natural  Agriculture  Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%	GAP Management Status  Common Name French's Shootingstar Little Mountain Meadow-rue	Primary Threats Incompatible forestry practices Mining practices Residential development # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets EI. Code Scientific Nam PDPRI03060 Dodecatheon frer	Subregions	Census 2000 Total Pop. 294 Pop./Sq. Mi. 9	CA Type: Matrix La  Land Use/Land  Natural  Agriculture  Developed  Water  CA Type: Matrix La	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%	GAP Management Status  Common Name French's Shootingstar Little Mountain Meadow-rue	Primary Threats Incompatible forestry practices Mining practices Residential development # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabit M16 - Chilhowee Moustates	Subregions	Total Pop.   294	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land  Natural	andscape Actio   Cover (1992 NLCD)   18,166.2 ac. 87.3%   1,521.1 ac. 7.3%   1,081.5 ac. 5.2%   49.4 ac. 0.2%   andscape Actio   Cover (1992 NLCD)   24,865.9 ac. 97.2%	Common Name French's Shootingstar Little Mountain Meadow-rus  n Site: No Total Area: 25 GAP Management Status  3 5,951.5 ac. 23.3%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5 574.8 acres Map Location: Primary Threats Industrial/municipal pollution
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabit M16 - Chilhowee Moustates	Subregions  SCP 72.1% SCP - BUFF 27.9%  see achiii le  Intain Subregions	Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land  Natural Agriculture Agriculture	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Action Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6%	Common Name French's Shootingstar Little Mountain Meadow-rue  n Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5 574.8 acres Map Location: Primary Threats
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPR103060 Dodecatheon frer PDRANOM0 Thalictrum mirabit M16 - Chilhowee Moustates Fennessee 100.0%	Subregions	Total Pop.   294	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Action Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1%	Common Name French's Shootingstar Little Mountain Meadow-rue  n Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5 574.8 acres Map Location: Primary Threats Industrial/municipal pollution
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDR103060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%	Subregions	Total Pop.   294	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land  Natural Agriculture Agriculture	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Action Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6%	Common Name French's Shootingstar Little Mountain Meadow-rue  n Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOM0 Thalictrum mirabit M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets El. Code Scientific Nam	Subregions	Total Pop.   294	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed	Action Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Action Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1%	Common Name French's Shootingstar Little Mountain Meadow-rue  n Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabit M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor	Subregions	Census 2000           Total Pop.         294           Pop./Sq. Mi.         9           Census 2000           Total Pop.         2,249           Pop./Sq. Mi.         56	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%	Common Name French's Shootingstar Little Mountain Meadow-rue  In Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  # Occurrence # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon free PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai	Subregions	Census 2000           Total Pop.         294           Pop./Sq. Mi.         9           Census 2000           Total Pop.         2,249           Pop./Sq. Mi.         56	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  CA Type: Matrix La  CA Type: Matrix La  CA Type: Matrix La	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%	Common Name French's Shootingstar Little Mountain Meadow-rue  In Site: No Total Area: 25  GAP Management Status  3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  # Occurrence # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Moustates Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States	Subregions	Census 2000           Total Pop.         294           Pop./Sq. Mi.         9           Census 2000           Total Pop.         2,249           Pop./Sq. Mi.         56	CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8%	Common Name French's Shootingstar Little Mountain Meadow-ru  Site: No Total Area: 25 GAP Management Status  Sapple Status  Common Name Sueet Pinesap  Total Area: 44 GAP Management Status  44 GAP Management Status	Primary Threats   Incompatible forestry practices     Mining practices     Mining practices     Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Moustates Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Land Use/Land Natural Agriculture	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8%	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  5.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  # Occurrence  # Occurrence  # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPR103060 Dodecatheon frer PDRANOMO Thalictrum mirabit M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%	Subregions	Census 2000     Total Pop.   294     Pop./Sq. Mi.   9     Census 2000     Total Pop.   2,249     Pop./Sq. Mi.   56     Census 2000     Total Pop.   2,526	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3%	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status	Primary Threats   Incompatible forestry practices     Mining practices     Mining practices     Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDR103060 Dodecatheon frer PDRAN0M0 Thalictrum mirabi M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDM0N040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Viable Targets	Subregions   SCP   72.1%     SCP   8.1%     SCP - BUFF   27.9%     Intain   Subregions     NRV   91.9%     NRV - BUFF   8.1%     Intain   Subregions     NRV   100.0%     NRV   100.0%	Census 2000         Total Pop.       294         Pop./Sq. Mi.       9         Census 2000         Total Pop.       2,249         Pop./Sq. Mi.       56         Census 2000         Total Pop.       2,526         Pop./Sq. Mi.       37	CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Land Use/Land Natural Agriculture Developed Water	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status	Primary Threats   Incompatible forestry practices     Mining practices     Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDRN03060 Dodecatheon frer PDRANOM0 Thalictrum mirabit M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Viable Targets Tennessee 100.0%	Subregions   SCP	Census 2000         Total Pop.       294         Pop./Sq. Mi.       9             Census 2000         Total Pop.       2,249         Pop./Sq. Mi.       56             Census 2000         Total Pop.       2,526         Pop./Sq. Mi.       37	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0%  andscape Actio	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status  Saperation of Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status	Primary Threats   Incompatible forestry practices
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Moustates Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Viable Targets Viable Targets  M18 - Clinch Mountai States  M18 - Clinch Mountai States	Subregions   SCP	Census 2000  Total Pop. 294 Pop./Sq. Mi. 9  Census 2000  Total Pop. 2,249 Pop./Sq. Mi. 56  Census 2000  Total Pop. 2,526 Pop./Sq. Mi. 37  Census 2000  Census 2000	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Chapter CA Type: Matrix La  Land Use/Land	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD)	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status  GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Moustates Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Viable Targets Viable Targets  M18 - Clinch Mountai States  M18 - Clinch Mountai States	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD) 93,716.9 ac. 84.4%	Common Name French's Shootingstar Little Mountain Meadow-ru  Site: No Total Area: 25 GAP Management Status  3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap  n Site: No Total Area: 44 GAP Management Status  1 Site: No Total Area: 44 GAP Management Status  1 Site: No Total Area: 44 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrenc
M15 - Cane Creek/Lit States Mabama 100.0%  Mable Targets El. Code Scientific Nam PDRN03060 Dodecatheon frer PDRANOM0 Thalictrum mirabit M16 - Chilhowee Moustates El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States  Miable Targets	Subregions   SCP	Census 2000  Total Pop. 294 Pop./Sq. Mi. 9  Census 2000  Total Pop. 2,249 Pop./Sq. Mi. 56  Census 2000  Total Pop. 2,526 Pop./Sq. Mi. 37  Census 2000  Census 2000	CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD)	Common Name French's Shootingstar Little Mountain Meadow-rue  Ste: No Total Area: 25  GAP Management Status  Separate Status  Common Name Sweet Pinesap  In Site: No Total Area: 44  GAP Management Status  GAP Management Status  GAP Management Status  In Site: Yes Total Area: 229  GAP Management Status  GAP Management Status  3 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence  3.574.8 acres Map Location: Primary Threats Industrial/municipal pollution Residential development  # Occurrence
M15 - Cane Creek/Lit States Mabama 100.0%  Miable Targets  El. Code Scientific Nam PDR103060 Dodecatheon frer PDRANOMO Thalictrum mirabit M16 - Chilhowee Mou States  Flinch Targets El. Code Scientific Nam PDM0N040 Monotropsis odor M17 - Clinch Mountai States  Miable Targets	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La Land Use/Land Natural Agriculture Developed Water	andscape Actio Cover (1992 NLCD) 18,166.2 ac. 87.3% 1,521.1 ac. 7.3% 1,081.5 ac. 5.2% 49.4 ac. 0.2%  andscape Actio Cover (1992 NLCD) 24,865.9 ac. 97.2% 664.5 ac. 2.6% 37.1 ac. 0.1% 7.4 ac. 0.0%  andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 19.8 ac. 0.0% andscape Actio Cover (1992 NLCD) 40,073.8 ac. 90.8% 3,905.1 ac. 8.8% 150.7 ac. 0.3% 150.7 ac. 0.3% 150.7 ac. 0.3% 170.8 ac. 0.0% 170.8 ac. 0.0% 180.9 ac. 84.4% 190.9 3,716.9 ac. 84.4% 34,863.1 ac. 15.2%	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  A GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  3 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrenc
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets EL Code Scientific Nam PDRN03060 Dodecatheon free PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets EL Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Viable Targets	Subregions   SCP   72.1%     SCP   72.1%     SCP - BUFF   27.9%     Intain   Subregions     NRV   91.9%     NRV - BUFF   8.1%     Intain   Subregions     NRV   100.0%     NRV   100.0%     NRV   100.0%     NRV   92.6%     NRV   BUFF   7.4%	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  A GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  3 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%	Primary Threats   Incompatible forestry practices
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Fennessee 100.0%  Viable Targets M18 - Clinch Mountai States Virginia 100.0%  Viable Targets El. Code Scientific Nam States Virginia 100.0%	Subregions   SCP   72.1%     SCP   72.1%     SCP - BUFF   27.9%     Intain   Subregions     NRV   91.9%     NRV - BUFF   8.1%     Intain   Subregions     NRV   100.0%     NRV   100.0%     NRV   100.0%     NRV   92.6%     NRV   BUFF   7.4%	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  A GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  A 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%	Primary Threats   Incompatible forestry practices
M15 - Cane Creek/Lit States Mabama 100.0%  Miable Targets El. Code Scientific Nam PDR103060 Dodecatheon frer PDRANOM0 Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%  Miable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Fennessee 100.0%  M18 - Clinch Mountai States Miable Targets M	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status  Site: No Total Area: 25 GAP Management Status  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status  GAP Management Status  In Site: Yes Total Area: 229 GAP Management Status  A 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%  Common Name Indiana or Social Myotis Virginia Big-eared Bat	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence
M15 - Cane Creek/Lift States Alabama 100.0%  Viable Targets EL. Code Scientific Nam PDPRI03060 Dodecatheon free PDRANOMO Thalictrum mirabit M16 - Chilhowee Mou States Elennessee 100.0%  Viable Targets EL. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Viable Targets M18 - Clinch Mountai States Viable Targets  M18 - Clinch Mountai States Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States Virginia 100.0%  Viable Targets  Circumneutrai Circumneutrai CEGR03901 Circumneutral Ea	Subregions   SCP	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status  Site: No Total Area: 25 GAP Management Status  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status  Common Name Indiana or Social Myotis Virginia Big-eared Bat Circumneutral Eastern Dry:	Primary Threats   Incompatible forestry practices     Mining practices     Residential development
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDR103060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Fennessee 100.0%  Viable Targets  Viable Targets  Viable Targets  Viable Targets  M18 - Clinch Mountai States  Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States  Viable Targets  M18 - Clinch Mountai States  Viable Targets  M18 - Clinch Mountai States  Viable Targets	Subregions   SCP	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status 4 GAP Management Status 3 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Circumneutral Eastern Dry- Appalachian High Elevatior	Primary Threats   Incompatible forestry practices
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Fennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Fennessee 100.0%  Viable Targets M18 - Clinch Mountai States Virginia 100.0%  Viable Targets M18 - Clinch Mountai States Fennessee 100.0%  Viable Targets M18 - Clinch Mountai States El. Code Scientific Nam MACC0110 Myotis sodalis MACC081 Corynorhinus tow DEGR03091 Circumneutral Ea DEGR03201 Appalachian High DEGR04202 Appalachian Nort  EGR04202 Appalachian Nort	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rus Site: No Total Area: 25 GAP Management Status Site: No Total Area: 25 GAP Management Status South Site: No Total Area: 23.3% Common Name Sweet Pinesap Sweet Pinesap Site: No Total Area: 44 GAP Management Status AGAP Management Status Site: Yes Total Area: 229 GAP Management Status	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPR103060 Dodecatheon free PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Viable Targets  Wiable Targets  M18 - Clinch Mountai States Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States  Viable Targets  M18 - Clinch Mountai States  Viable Targets  M18 - Clinch Mountai States  Virginia 100.0%  Viable Targets  M18 - Clinch Mountai States  Virginia 100.0%  Viable Targets  Circumneutrai Circumneutral Ea	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status 3 5,951.5 ac. 23.3%  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status 4 GAP Management Status 3 15,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Circumneutral Eastern Dry- Appalachian High Elevatior	Primary Threats Incompatible forestry practices Mining practices Residential development  # Occurrence
M15 - Cane Creek/Lit States Alabama 100.0%  Viable Targets El. Code Scientific Nam PDPRI03060 Dodecatheon frer PDRANOMO Thalictrum mirabi M16 - Chilhowee Mou States Tennessee 100.0%  Viable Targets El. Code Scientific Nam PDMON040 Monotropsis odor M17 - Clinch Mountai States Tennessee 100.0%  Wiable Targets Viable Targets Viable Targets M18 - Clinch Mountai States Viriginia 100.0%  Viable Targets M18 - Clinch Mountai States Viable Targets El. Code Scientific Nam AMAC0110 Myotis sodalis AMAC0801 Corynorhinus tow EGR03901 Circumneutral Ea EGR04201 Appalachian Hort EGR04201 Appalachian Nort EGR04201 Appalachian Nort EGR04501 Appalachian Cov	Subregions	Census 2000   Total Pop.   294   Pop./Sq. Mi.   9	CA Type: Matrix La  Land Use/Land  Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Agriculture Developed Water  CA Type: Matrix La  Agriculture Developed Water  CA Type: Matrix La  Land Use/Land Natural Natural Natural Natural Sqriculture Developed	andscape	Common Name French's Shootingstar Little Mountain Meadow-rue In Site: No Total Area: 25 GAP Management Status  Site: No Total Area: 25 GAP Management Status  Common Name Sweet Pinesap In Site: No Total Area: 44 GAP Management Status  Sweet Pinesap In Site: No Total Area: 44 GAP Management Status  GAP Management Status  1 5,444.3 ac. 6.7% 2 9,293.1 ac. 4.0% 1 6,640.3 ac. 2.9%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Circumneutral Eastern Dry- Appalachian Northern Hard Appalachian Cove (Mixed Need In Status)	Primary Threats   Incompatible forestry practices

States         Subregions         Census 2000           Tennessee         81.6%         NRV         100.0%         Total Pop.           Viriginia         18.4%         Pop./Sq. Mi.             Viable Targets           El. Code         Scientific Name           PDRAN0706         Cimicifuga rubifolia	Land Haall and Caven (4000 NI	Action Site: Yes Total Area: 20	,380.8 acres Map Location: G
Viable Targets  El. Code Scientific Name	Land Use/Land Cover (1992 NI	.CD) GAP Management Status	Primary Threats
Viable Targets El. Code Scientific Name		9.2%	Agricultural practices
El. Code Scientific Name	13 Agriculture 1,978.3 ac.	9.7%	Incompatible forestry practices
El. Code Scientific Name	Water 190.2 ac.	0.9%	
	Developed 39.5 ac.	0.2%	
DDDANO706 Cimioifuso rubifolio		Common Name	# Occurrence
DRANUTUO CIITIICII Uga Tubii Oila		Appalachian Bugbane	
120 - Clinch River Glade Spring	71		,931.3 acres Map Location: F
States Subregions Census 2000	Land Use/Land Cover (1992 NI	.CD) GAP Management Status	Primary Threats
		9.7%	
Pop./Sq. Mi.		6.7%	
	Developed 590.6 ac.	3.5%	
/iable Targets	Water 17.3 ac.	0.1%	
El. Code Scientific Name		Common Name	# Occurrence
DEUPOQ1 Euphorbia purpurea		Glade Spurge	
121 - Coon Gulf	71		,326.3 acres Map Location: M
States Subregions Census 2000	Land Use/Land Cover (1992 NI		Primary Threats
		9.9%	Incompatible forestry practices
Pop./Sq. Mi.		<u>2.4%</u>	Residential development
liable Targets	<u>Water 1,846.4 ac.</u> Developed 739.0 ac.	<u>5.5%</u> 2.2%	
/iable Targets	Developed 739.0 ac.		
El. Code Scientific Name		Common Name	# Occurrenc
AAAD0314 Desmognathus ocoee		Ocoee Salamander Tennessee Leafcup	
PDAST7G02 Polymnia laevigata PDROS1401 Neviusia alabamensis		Alabama Snow-wreath	
	CA Turner Matrix Landscans		OSS O serves Man Leastion: (
422 - Cumberland & Stone Mountains States Subregions Census 2000	CA Type: Matrix Landscape  Land Use/Land Cover (1992 NI		,066.9 acres Map Location: ( Primary Threats
	,	5.1%   1 13,613.3 ac. 24.3%	Fire suppression
/irginia 45.5% NRV 9.0% Pop./Sq. Mi.	30 Agriculture 2,443.7 ac.	4.4% 3 1,245.5 ac. 2.2%	Incompatible forestry practices
10.070 1.0070 1.0070 1.0070 1.0070 1.0070 1.0070 1.0070 1.0070	Developed 269.3 ac.	0.5%	moompaable leidealy practices
iable Targets	Water 54.4 ac.	0.1%	
Il. Code Scientific Name		Common Name	# Occurrence
MACC0110 Myotis sodalis		Indiana or Social Myotis	# Occurrenc
MAFF0902 Clethrionomys gapperi maurus		Kentucky Red-backed Vole	
EGL00473 Juniperus virginiana / Schizachyrium scoparium - (Andropogon gerard	ii. Sorghastrum nutans) - Silphium (trifoliatum, terebi		w Plateau Carbonate Glades and Barren
EGL00777 Carex gynandra - Scirpus cyperinus - Eriophorum virginicum - Osmur	, , ,	Appalachian Bogs, Fens, a	
EGL00845 Osmunda cinnamomea - Carex Iurida - Juncus effusus - (Carex crinal			•
EGR04074 Southeastern Interior Acid Cliffs	. , 0 ,,,	Southeastern Interior Acid	
EGR04401 Appalachian Oak Forests		Appalachian Oak Forests	
CEGR04702 Interior Streamhead Seepage Swamps		Interior Streamhead Seepa	ge Swamps
CEGR04704 Appalachian Bogs, Fens, and Seeps		Appalachian Bogs, Fens, a	nd Seeps
PDCAR0U18 Silene ovata		Ovate Catchfly	
M23 - Cumberland Falls Region	CA Type: Matrix Landscape	Action Site: No Total Area: 381	,363.9 acres Map Location: G
States Subregions Census 2000	Land Use/Land Cover (1992 NI		Primary Threats
		3.2% 3 141,314.8 ac. 37.1%	Incompatible forestry practices
Kentucky 76.6% NCP 61.0% Total Pop. 2	36 Agriculture 13,606.2 ac.	3.6% 1 19,371.2 ac. 5.1%	
Kentucky         76.6%           Tennessee         23.4%           NCP         61.0%           CM         37.4%           Pop./Sq. Mi.	Water 8,495.2 ac.		Mining practices
Kentucky         76.6%           Tennessee         23.4%           NCP - BUFF         1.6%   Total Pop. 2 Pop./Sq. Mi.		2.2% 2 604.6 ac. 0.2%	Mining practices
NCP   61.0%   Total Pop. 2   Pop./Sq. Mi.   CM   37.4%   NCP - BUFF   1.6%   CM   Total Pop. 2   Pop./Sq. Mi.   CM   CM   Total Pop. 2   Pop./Sq. Mi.   CM   CM   CM   CM   CM   CM   CM   C	Developed 3,673.3 ac.	1.0%	
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%   CM   Scientific Name   CM   Scientific Name   CM   CM   Scientific Name   CM   CM   Scientific Name   CM   CM   Scientific Name   CM   CM   CM   CM   CM   CM   CM   C		1.0% Common Name	# Occurrence
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%   CM   37.4%   NCP - BUFF   1.6%   CM   Scientific Name   MACC0802   Corynorhinus rafinesquii		Common Name Rafinesque's Big-eared Bat	# Occurrence
NCP   61.0%   Total Pop. 2   Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%   Pop./Sq. Mi.		Common Name Rafinesque's Big-eared Bai Northern Pine Snake	# Occurrenc
NCP   61.0%     Total Pop. 2     Pop./Sq. Mi.     NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%     Pop./Sq. Mi.   NCP - BUFF   1.6%   Pop./Sq. Mi.   NCP - BUFF   1.6%   Pop./Sq. Mi.	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bai Northern Pine Snake Southeastern Floodplain Fo	# Occurrence
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%     NCP - BUFF   1.6%   NCP - B	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc	# Occurrence  wrests Oak Bottomland Forests  orests Mixed Hardwood Bottomland For
NCP   61.0%   Total Pop. 2   Pop./Sq. Mi.   NCP - BUFF   1.6%	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc	# Occurrence  wrests Oak Bottomland Forests  orests Mixed Hardwood Bottomland For
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands	# Occurrence:
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc	# Occurrence:
NCP   61.0%   Total Pop. 2   Pop./Sq. Mi.   NCP - BUFF   1.6%	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bai Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests ests mesic Oak Forests
NCP   61.0%   Total Pop. 2   Pop./Sq. Mi.   NCP - BUFF   1.6%	Developed 3,673.3 ac.	1.0%  Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry-	# Occurrence
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%	Developed 3,673.3 ac.	1.0%  Common Name  Rafinesque's Big-eared Bal Northern Pine Snake  Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed Model) Xeric Oak-Pine Forests	# Occurrence  prests - Oak Bottomland Forests  prests - Mixed Hardwood Bottomland Forests  k Forests  mesic Oak Forests  prests  desophytic) Forests
NCP   61.0%   CM   37.4%   NCP   BUFF   1.6%   NCP   Sq. Mi.	Developed 3,673.3 ac.	1.0%  Common Name  Rafinesque's Big-eared Bal Northern Pine Snake  Southeastern Floodplain Fc  Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands  Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F  Appalachian Cove (Mixed Nort Oak-Pine Forests Shortleaf Pine Woodlands in the State of Pine Woodlands in the Short Pine Pine Woodlands in the Short Pine Woodlands in the Sho	# Occurrence  prests - Oak Bottomland Forests  prests - Mixed Hardwood Bottomland Forests  k Forests  ests  mesic Oak Forests  desophytic) Forests  and Forests
NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%	Developed 3,673.3 ac.	1.0%  Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloo Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa	# Occurrence  prests - Oak Bottomland Forests  prests - Mixed Hardwood Bottomland Forests  k Forests  ests  mesic Oak Forests  desophytic) Forests  and Forests
tentucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Pop./Sq. Mi.  Total Pop. 2 Pop./Sq. Mi.	Developed 3,673.3 ac.	1.0%  Common Name  Rafinesque's Big-eared Bal  Northern Pine Snake  Southeastern Floodplain Fc  Southeastern Floodplain Fc  Floodplain Eastern Hemloc  Riverbank Shrublands  Eastern Dry-mesic Oak For  Circumneutral Eastern Dyy  Eastern Mesic Hardwood F  Appalachian Cove (Mixed N  Xeric Oak-Pine Forests  Shortleaf Pine Woodlands Interior Streamhead Seepa  Southern Heartleaf	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests Alesophytic) Forests and Forests ge Swamps
tentucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. 37.4% NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop./Sq. Mi. NCP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NcP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NcP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NcP - BUFF 1.6% Total Pop. 2  Pop./Sq. Mi. NcP - BUFF 1.6% Total	Developed 3,673.3 ac.	1.0%  Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands i Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests Alesophytic) Forests and Forests ge Swamps
Centucky   76.6%   Pop./Sq. Mi.   NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%   Pop./Sq. Mi.   NCP - BUFF   1.6%   Pop	Developed 3,673.3 ac.	1.0%  Common Name  Rafinesque's Big-eared Bal  Northern Pine Snake  Southeastern Floodplain Fc  Southeastern Floodplain Fc  Floodplain Eastern Hemloc  Riverbank Shrublands  Eastern Dry-mesic Oak For  Circumneutral Eastern Dry-  Eastern Mesic Hardwood F  Appalachian Cove (Mixed I)  Xeric Oak-Pine Forests  Shortleaf Pine Woodlands:  Interior Streamhead Seepa  Southern Heartleaf  Lucy Braun's White Snaker  Virginia Spiraea	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests Alesophytic) Forests and Forests ge Swamps
tentucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Pop./Sq. Mi.  Total Pop. 2 Pop./Sq. M	Developed 3,673.3 ac.	1.0%  Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands : Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid	# Occurrence  prests Oak Bottomland Forests  prests Mixed Hardwood Bottomland Forests  k Forests  ests  mesic Oak Forests  orests  Alesophytic) Forests  and Forests  ge Swamps  oot
Centucky   76.6%   Pennessee   23.4%   CM   37.4%   CM	Developed 3,673.3 ac.	1.0%  Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests ests mesic Oak Forests orests Alesophytic) Forests and Forests ge Swamps  oot
Kentucky 76.6% Fennessee 23.4%  NCP 61.0% CM 37.4% NCP - BUFF 1.6%  NCP -	Developed 3,673.3 ac.	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62	# Occurrence  prests Oak Bottomiand Forests prests Mixed Hardwood Bottomiand For k Forests ests mesic Oak Forests prests desophytic) Forests and Forests ge Swamps oot  Suite 1,195.0 acres Map Location: M
Centucky   76.6%   CM   37.4%   NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%   NCP -	CA Type: Matrix Landscape  Land Use/Land Cover (1992 Ni	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Noe-tropical Migratory Bird Action Site: No Total Area: 62 CDD GAP Management Status	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests //escophytic) Forests and Forests ge Swamps oot  Suite  195.0 acres Map Location: M Primary Threats
Centucky   76.6%   CM   37.4%   NCP   61.0%   CM   37.4%   NCP - BUFF   1.6%   NCP -	CA Type: Matrix Landscape  Land Use/Land Cover (1992 NI Natural 53,848.3 ac. 6	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 C.CD) GAP Management Status 3 27,752.1 ac. 44.6%	# Occurrence  prests - Oak Bottomland Forests prests - Mixed Hardwood Bottomland Forests prests - Mixed Hardwood Bottomland Forests prests pre
Centucky   76.6%   Pennessee   23.4%   CM   37.4%   CM   CM   CM   CM   CM   CM   CM   C	CA Type: Matrix Landscape  Land Use/Land Cover (1992 NI Natural 53,848.3 ac. 8 Agriculture 6,908.6 ac. 1	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status 3 27,752.1 ac. 44.6% 2 55.6 ac. 0.1%	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests //escophytic) Forests and Forests ge Swamps oot  Suite  195.0 acres Map Location: M Primary Threats
tentucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. 2 Pop./Sq. Mi.  NCP - BUFF 1.6% Total Pop. Pop./Sq. Mi.	CA Type: Matrix Landscape	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status (3 27,752.1 ac. 44.6% (2 55.6 ac. 0.1%)	# Occurrence  prests - Oak Bottomland Forests prests - Mixed Hardwood Bottomland Forests prests - Mixed Hardwood Bottomland Forests prests pre
entucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Pop./Sq. Mi.  iable Targets  I. Code Scientific Name  MACC0802 Corynorhinus rafinesquii  RADB2601 Pituophis melanoleucus melanoleucus  EGR03801 Southeastern Floodplain Forests Oak Bottomland Forests  EGR03802 Floodplain Eastern Hemlock Forests  EGR03802 Floodplain Eastern Hemlock Forests  EGR03802 Floodplain Eastern Hemlock Forests  EGR03901 Eastern Dry-mesic Oak Forests  EGR03901 Circumneutral Eastern Dry-mesic Oak Forests  EGR03901 Circumneutral Eastern Dry-mesic Oak Forests  EGR04001 Eastern Mesic Hardwood Forests  EGR04601 Appalachian Cove (Mixed Mesophytic) Forests  EGR04603 Shortleaf Pine Woodlands and Forests  EGR04601 Veric Oak-Pine Forests  EGR04603 Shortleaf Pine Woodlands and Forests  EGR04702 Interior Streamhead Seepage Swamps  DARI03020 Hexastylis contracta  DASTBXDE Ageratina luciae-brauniae  DROS100 Spiraea virginiana  MORC1Y0 Platanthera integrilabia  XXXX0000 N/A  124 - Dick & Taylor Ridges  tates  Subregions  Census 2000  Total Pop.  Pop./Sq. Mi.	CA Type: Matrix Landscape  Land Use/Land Cover (1992 NI Natural 53,848.3 ac. 8 Agriculture 6,908.6 ac. 1	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status (3 27,752.1 ac. 44.6%) 2.3% 0.1%	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland Forests prests Mixed Hardwood Bottomland Forests prests
entucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Pop./Sq. Mi.  iable Targets I. Code Scientific Name  MACC0802 Corynorhinus rafinesquii  RADB2601 Pituophis melanoleucus melanoleucus  EGR03801 Southeastern Floodplain Forests - Oak Bottomland Forests  EGR03802 Floodplain Eastern Hemlock Forests  EGR03802 Riverbank Shrublands  EGR03802 Riverbank Shrublands  EGR03901 Eastern Dry-mesic Oak Forests  EGR03901 Circumneutral Eastern Dry-mesic Oak Forests  EGR03901 Circumneutral Eastern Dry-mesic Oak Forests  EGR04001 Eastern Mesic Hardwood Forests  EGR04501 Appalachian Cove (Mixed Mesophytic) Forests  EGR04603 Shortleaf Pine Woodlands and Forests  EGR04702 Interior Streamhead Seepage Swamps  DARID3020 Hexastylis contracta  DARSTBXDE Ageratina luciae-brauniae  DROS100 Spiraea virginiana  MORC1Y0 Platanthera integrilabia  XXXX0000 N/A  124 - Dick & Taylor Ridges  tates  Edrogia 100.0% SRV 100.0% Census 2000  Total Pop.  Pop./Sq. Mi.	CA Type: Matrix Landscape	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virgina Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status 3 27,752.1 ac. 44.6% 2.3% 0.1% Common Name	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland Forests prests Mixed Hardwood Bottomland Forests prests
entucky 76.6% ennessee 23.4%   NCP 61.0%   CM 37.4%   NCP - BUFF 1.6%   NCP - BUFF 1	CA Type: Matrix Landscape	Common Name Rafinesque's Big-eared Bal Northern Pine Snake Southeastern Floodplain Fc Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry Eastern Mesic Hardwood F Appalachian Cove (Mixed N Xeric Oak-Pine Forests Shortleaf Pine Woodlands i Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virginia Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status 6,6% 1,1% 2,3% 0,1% Common Name Large-flowered Skullcap	# Occurrence  prests Oak Bottomland Forests prests Mixed Hardwood Bottomland Forests prests Mixed Hardwood Bottomland Forests prests
entucky 76.6% ennessee 23.4% NCP 61.0% CM 37.4% NCP - BUFF 1.6% Ennessee 23.4% NCP - BUFF 1.6% NCP - BUFF 1.6% Endessee 23.4% NCP - BUFF 1.6%	CA Type: Matrix Landscape	Common Name Rafinesque's Big-eared Bat Northern Pine Snake Southeastern Floodplain Fc Floodplain Eastern Hemloc Riverbank Shrublands Eastern Dry-mesic Oak For Circumneutral Eastern Dry- Eastern Mesic Hardwood F Appalachian Cove (Mixed I) Xeric Oak-Pine Forests Shortleaf Pine Woodlands: Interior Streamhead Seepa Southern Heartleaf Lucy Braun's White Snaker Virgina Spiraea White Fringless Orchid Neo-tropical Migratory Bird Action Site: No Total Area: 62 CD) GAP Management Status 3 27,752.1 ac. 44.6% 2.3% 0.1% Common Name	# Occurrence  prests - Oak Bottomland Forests prests - Mixed Hardwood Bottomland For k Forests  ests mesic Oak Forests orests Mesophytic) Forests  and Forests ge Swamps  oot  Suite  195.0 acres Map Location: M  Primary Threats  Fire suppression Incompatible forestry practices  # Occurrence

M25 - Dugger/Talla	dega Mountains		CA Type: Matrix	Landscane A	ction Site:	No Total Area: 195	5,114.9 acres Map Location: P14
States	Subregions	Census 2000		and Cover (1992 NL		AP Management Status	Primary Threats
Alabama 100.0%	SRV 100.0%	Total Pop. 12,383	Natural		0.3%	87,346.0 ac. 44.8%	Fire suppression
		Pop./Sq. Mi. 41	Agriculture		8.3% 1	8,988.0 ac. 4.6%	Incompatible forestry practices
Viable Targets			Developed Water		1.1% 0.3%	5,905.4 ac. 3.0%	Residential development
El. Code Scientific Na	me		[110101			Common Name	# Occurrences
PDGEN0F09 Sabatia capitata						Rose Gentian	
DPRI07070 Lysimachia fras						Fraser Loosestrife	
PMORC1Y0 Platanthera inte XXXXX0000 N/A	grilabia:					White Fringless Orchid  Neo-tropical Migratory Bird	Cuite
	/Catoosa/Cumberland	d Mountains	CA Type: Matrix	/ Landecane A	ction Sito:	Yes Total Area: 526	
States	Subregions	Census 2000		and Cover (1992 NL		AP Management Status	Primary Threats
Tennessee 100.0%	CM 68.1%	Total Pop. 22,846	Natural			163,882.7 ac. 31.1%	Incompatible forestry practices
	NCP 31.7%	Pop./Sq. Mi. 28	Agriculture		3.5%	11,751.9 ac. 2.2%	Mining practices Residential development
Viable Targets	NRV 0.2%		<u>Developed</u> Water		0.8% 0.2%		Residential development
El. Code Scientific Na	me					Common Name	# Occurrences
CEGR04502 Upland Eastern						Upland Eastern Hemlock F	
PDAST6803 Marshallia gran						Large-flowered Barbara's I	Buttons
PDBER0201 Berberis canad PDLAM0D05 Conradina verti						American Barberry Cumberland Rosemary	
PDROS1Q0 Spiraea virginia						Virginia Spiraea	
PMORCOQO Cypripedium ke						Southern Lady's Slipper	
PMPOA1801 Calamovilfa arc XXXXX0000 N/A	uata					Cumberland Sandreed Neo-tropical Migratory Bird	Suite
M27 - English Moun	tain		CA Type: Matrix	Landscape Δ	ction Site:		5,384.6 acres Map Location: 18
States	Subregions	Census 2000		and Cover (1992 NL		AP Management Status	Primary Threats
Tennessee 100.0%	NRV 100.0%	Total Pop. 2,504	Natural	23,674.6 ac. 93	3.3%	-	Incompatible forestry practices
		Pop./Sq. Mi. 63	Agriculture		6.5% 0.3%		Residential development
Viable Targets			Developed Water		0.3% 0.0%		
M28 - Fiery Gizzard			CA Type: Matrix		action Site:	Yes Total Area: 49	9,266.8 acres Map Location: L14
States	Subregions	Census 2000		and Cover (1992 NL		AP Management Status	Primary Threats
Tennessee 100.0%	NCP 100.0%	Total Pop. 2,488	Natural	· · · · · · · · · · · · · · · · · · ·	4.2% 2	415.0 ac. 0.8%	Incompatible forestry practices
	SCP 0.0%	Pop./Sq. Mi. 32	Agriculture		3.9%	79.9 ac. 0.2%	Residential development
Viable Targets			Developed Water		<u>1.8%</u> 0.0%		
El. Code Scientific Na	me		water	22.2 00.	5.670	Common Name	# Occurrences
	nsis - (Liriodendron tulipifera, Fag	gus grandifolia) / (Magnolia ma	crophylla, llex opaca	) / Polystichum acrostich	oides Forest	Appalachian Cove (Mixed	
PDFAB0D02 Apios priceana						Price's Potato-bean	1
	ion/Jackson Mountai		CA Type: Matrix		ction Site:		,731.6 acres Map Location: L15
States Alabama 68.9%	Subregions SCP 82.7%	Census 2000 Total Pop. 29,454	Natural	nd Cover (1992 NL 604,790.2 ac. 82	.CD) G. 2.7% 3	AP Management Status 34,445.8 ac. 4.7%	Primary Threats Incompatible forestry practices
Tennessee 31.1%	NCP 10.3%	Pop./Sq. Mi. 26	Agriculture		6.2%	251.8 ac. 0.0%	Residential development
	NCP - BUFF 3.5%		Developed		0.8%		
Viable Targets	SCP - BUFF 3.4% OUT 0.0%		Water	2,922.7 ac. (	0.4%		
El. Code Scientific Na						Common Nomo	# Occurronace
El. Code Scientific Na AMACC0104 Myotis grisesce	me					Common Name Gray Myotis	# Occurrences
	ns						2
AMACC0110 Myotis sodalis						Indiana or Social Myotis	:
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis	ster					Indiana or Social Myotis Allegheny Woodrat	
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me	ster esic Oak Forests					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo	
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I	ster esic Oak Forests Hardwood Forests					Indiana or Social Myotis Allegheny Woodrat	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I NBHEP0X09 Cololejeunea oi PDAST4N0J Helianthus eggi	ster esic Oak Forests Hardwood Forests rnata ertii					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood f Liverwort Eggert's Sunflower	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic NBHEPDX09 Cololejeunea ou PDAST8L04 Silphium brachi	ster ssic Oak Forests Hardwood Forests mata ertii iatum					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic DPDAST4N0J Helianthus eggi PDAST8L04 Silphium brachi PDCPR0703 Viburnum brach	ster ssic Oak Forests Hardwood Forests mata ertii atum eatum					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood f Liverwort Eggert's Sunflower	Forests
AMACC0110 Myotis sodalis AMAFD810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I NBHEP0X09 Cololejeunea oi PDAST4N0J Helianthus egg- PDAST81.04 Silphium brachi PDCPR0703 Viburnum brach PDLAM0603 Blephillia subnu PDROS1401 Neviusia alabar	ster esic Oak Forests Hardwood Forests mata ertii tatum eatum da mensis					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I NBHEPDXO9 Cololejeunea oi PDAST8L04 Siliphium brachi PDCPR0703 Viburnum brach PDCPR0703 Viburnum brach PDCPR070411 Neviusia alabar PMCYP080 Fimbristylis per	ster esic Oak Forests Hardwood Forests mata ertii iatum eatum da mensis					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I NBHEP0X09 Cololejeunea o PDAST8L04 Silphium brachi PDCPR0703 Viburnum bract PDLAM0603 Blephilia subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per PMLIL200Q0 Trillium pusillum	ster ssic Oak Forests Hardwood Forests mata ortii iatum eatum da mensis pusilla					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood F Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium	Forests
AMACC0110 Myotis sodalis	ster ssic Oak Forests Hardwood Forests mata ortii iatum eatum da mensis pusilla					Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis	Forests
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I Belantus Gegleunea on PDAST8L04 Silphium brachi PDCPR0703 Viburnum brach PDCPR0703 Blephilia subnu PDROS1401 Neviusia alabar PDROYP090 Fimbristylis per PMLIL20000 Trillium pusillun PPASP021E Asplenium scol	ster esic Oak Forests Hardwood Forests mata ertii atum eeatum da mensis pusilla n opendrium var. americana		CA Type: Matrix		action Site:	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 71	Suite  ,508.2 acres Map Location: B3
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastem Dry-me CEGR04001 Eastem Mory-me CEGR04001 Eastem Mory-me CEGR04001 Helianthus egg- PDAST4N0J Helianthus egg- PDAST81.04 Silphium brachi PDCPR0703 Viburnum brachi PDCPR0703 Plephilia subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per, PMLIL20000 Trillium pusillum PPASP021E Asplenium scol XXXXX0000 N/A  M30 - Gauley River States	siter esic Oak Forests Hardwood Forests mata ertii atuum eatum da mensis pusilla n opendrium var. americana	Census 2000	Land Use/La	and Cover (1992 NL	.CD) G	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7' AP Management Status	Suite  ,508.2 acres Map Location: B3 Primary Threats
AMACC0110 Myotis sodalis AMAFF0810 Neotoma magis CEGR03901 Eastem Dry-me CEGR04001 Eastem Mesic NBHEP0X09 Cololejeunea oi PDASTANOJ Helianthus eggi PDAST8L04 Silphilim brachi PDCPR0703 Viburnum brachi PDCPR0703 Ilephilia subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per PMLIL20000 Trillium pusillum PPASP021E Asplenium scol XXXXXX0000 N/A  M30 - Gauley River	ster esic Oak Forests Hardwood Forests mata ertii atum eeatum da mensis pusilla n opendrium var. americana	Total Pop. 3,991	Land Use/La Natural	63,043.4 ac. 88	.CD) G. 8.2% 3	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 71	Suite  ,508.2 acres Map Location: B3  Primary Threats  Impoundments/stream modification
AMACC0110 Myotis sodalis AMAFD810 Neotoma magis EEGR03901 Eastern Dry-me EEGR04001 Eastern Mesic NBHEP0X09 Cololejeunea oi PDAST4N0J Helianthus eggi PDAST818.04 Silphium brachi PDCPR0703 Viburmum brach PDCPR0703 Blephilia subnu PDROS1401 Neviusia alabat PMCYP0B0 Fimbristylis per MLIL20000 Trillium pusillum PPASP021E Asplenium scol XXXXX0000 N/A  M30 - Gaulley River States	siter esic Oak Forests Hardwood Forests mata ertii atuum eatum da mensis pusilla n opendrium var. americana		Land Use/La	63,043.4 ac. 88 3,968.0 ac.	.CD) G	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7' AP Management Status	Suite  .508.2 acres Map Location: B3 Primary Threats
AMACC0110 Myotis sodalis AMAFD810 Neotoma magis DEGR03901 Eastern Dry-me DEGR04001 Eastern Mesic I BHEP0X09 Cololejeunea o PDAST4NOJ Helianthus egg PDAST8L04 Silphium brachi PDCPR0703 Viburnum bract PDLAM0603 Blephilia subnu PDR0S1401 Neviusia alabat PMCYP0B0 Fimbristylis per PMLIL200Q0 Trillium pusillum PPASP021E Asplenium scol CXXXX0000 N/A  M30 - Gauley River States N/est Virginia 100.0%	siter esic Oak Forests Hardwood Forests mata ertii atuum eatum da mensis pusilla n opendrium var. americana	Total Pop. 3,991	Land Use/La Natural Agriculture	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G. 8.2% 3 5.5%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7' AP Management Status	Suite  ,508.2 acres Map Location: B: Primary Threats Impoundments/stream modification
AMACC0110 Myotis sodalis AMAF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Fastern Mesic I NBHEP0X09 Cololejeunea oi PDAST4NOJ Helianthus eggi PDAST81.04 Silphium brachi PDCPR0703 Viburnum brach PDLAM0603 Blephilia subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per, PMLIL20000 Trillium pusillun PPASP021E Asplenium scol XXXXXX0000 N/A  M30 - Gauley River States West Virginia 100.0%  Viable Targets El. Code Scientific Na	siter esic Oak Forests Hardwood Forests mata ertii atuum eeatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%	Total Pop. 3,991 Pop./Sq. Mi. 36	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 77 AP Management Status 26,432.3 ac. 37.0%	Suite  .508.2 acres Map Location: B: Primary Threats Impoundments/stream modification Incompatible recreation
AMACC0110 Myotis sodalis AMAFD810 Neotoma magis EGGR03901 Eastern Dry-me EGGR04001 Eastern Mesic NBHEPDXO9 Cololejeunea oi PDAST4NOJ Helianthus eggi PDAST818.04 Silphium brachi PDCPR0703 Viburmum brachi PDCPR0703 Plephilia subnu PDROS1401 Neviusia alabati PMCYP0B0 Fimbristylis per MLLI20000 Trillium pusillum PPASP021E Asplenium scol XXXX0000 N/A  M30 - Gauley River States Nest Virginia 100.0%  Viable Targets EI. Code Scientific Na DEGL00628 Andropogon ge	ster esic Oak Forests Hardwood Forests mata ertii atum eatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%	Total Pop. 3,991 Pop./Sq. Mi. 36	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7' AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies	Suite  ,508.2 acres Map Location: B: Primary Threats Impoundments/stream modification Incompatible recreation  # Occurrence
AMACC0110 Myotis sodalis AMAFD810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesici NBHEPDXO9 Cololejeunea oi PDAST4N0J Helianthus eggi PDAST81.04 Siliphium brachi PDCPR0703 Viburnum brachi PDCPR0703 Viburnum brachi PDCPR0704 Neviusia alabat PMCYP080 Fimbristylis per PMLIL20000 Trillium pusillum PPASP021E Asplenium scoli XXXXXX0000 N/A  M30 - Gauley River States West Virginia 100.0%  Viable Targets El. Code Scientific Na CEGL00628 Andropogon ge CEGR03801 Southeastern F	ster sesic Oak Forests Hardwood Forests mata ertii iatum eaatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%  me rardii - Panicum virgatum - Bapti floodplain Forests Mixed Hardw	Total Pop. 3,991 Pop./Sq. Mi. 36	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7:  AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies Southeastern Floodplain F	Suite  ,508.2 acres Map Location: B3 Primary Threats Impoundments/stream modification Incompatible recreation  # Occurrence 1 orests Mixed Hardwood Bottomland For
AMACC0110 Myotis sodalis AMAFD810 Nootoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic I NBHEPDXD9 Cololejeunea oi PDAST4N0J Helianthus eggi PDAST8L04 Silphium brachi PDCPR0703 Viburnum brach PDCPR0703 Viburnum brach PDCPR0704 Viburnum brach PDCPR0704 Noviusia alabat PMCYP0B0 Fimbristylis per PMLIL20000 Trillium pusillum PPASP021E Asplenium scol XXXXXX0000 N/A  M30 - Gauley River States West Virginia 100.0%  Viable Targets L. Code Scientific Na CEGL00628 Andropogon ge CEGR03801 Southeastern F CEGR03802 Floodplain East	ster esic Oak Forests Hardwood Forests mata ertii atum eatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%	Total Pop. 3,991 Pop./Sq. Mi. 36  isia australis Herbaceous Vegewood Bottomland Forests	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7  AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies Southeastern Floodplain F Floodplain Eastern Hemlor	Suite  ,508.2 acres Map Location: B3 Primary Threats Impoundments/stream modification Incompatible recreation  # Occurrence 1 orests Mixed Hardwood Bottomland For
AMACC0110 Myotis sodalis AMAF0810 Neotoma magis CEGR03901 Eastem Dry-me CEGR04001 Eastem Mssic NBHEP0X09 Cololejeunea oi PDAST4NOJ Helianthus egg- PDAST4NOJ Helianthus egg- PDAST81.04 Silphium brachi PDCPR0703 Viburnum brachi PDCPR0703 Plephilim subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per, PMLIL20000 Trillium pusillun PPASP021E Asplenium scol XXXXX0000 N/A  M30 - Gauley River States West Virginia 100.0%  Viable Targets EI. Code Scientific Na CEGL00628 Andropogon ge CEGR03801 Southeastern F CEGR03801 Southeastern F CEGR03804 Eastem Interior CEGR03804 Eastem Interior CEGR04502 Upland Eastern	siter esic Oak Forests Hardwood Forests mata ertii latum eatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%  me rardii - Panicum virgatum - Bapti loodplain Forests - Mixed Hardv term Hemlock Forests - Rocky Riverbed Herbaceous Ve Hemlock Forests	Total Pop. 3,991 Pop./Sq. Mi. 36  isia australis Herbaceous Vegewood Bottomland Forests	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 77 AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies Southeastern Floodplain F Floodplain Eastern Hemloc Eastern Interior Rocky Riv Upland Eastern Hemlock F	Suite  ,508.2 acres Map Location: B3  Primary Threats Impoundments/stream modification Incompatible recreation  # Occurrence: 1 orests Mixed Hardwood Bottomland For sk Forests arbed Herbaceous Vegetation forests
AMACC0110 Myotis sodalis AMAF0810 Neotoma magis CEGR03901 Eastern Dry-me CEGR04001 Eastern Mesic NBHEP0X09 Cololejeunea oi PDAST4N0J Helianthus eggi PDAST81.04 Silphium brachi PDCPR0703 Viburnum brach PDCPR0703 Viburnum brach PDCPR0704 Neviusia alabar PMCYP0B0 Fimbristylis per PMLIL20000 Trillium pusillum PPRSP021E Asplenium scol XXXXXX0000 N/A M30 - Gauley River States West Virginia 100.0%  Viable Targets EI. Code Scientific Na CEGL00628 Andropogon ge CEGR03801 Southeastern F CEGR03802 Floodplain East CEGR03804 Eastern Interior CEGR04502 Upland Eastern PDAST6803 Marshallia gran	siter sisic Oak Forests Hardwood Forests mata ertii atum eatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%  me rardii - Panicum virgatum - Bapti floodplain Forests - Mixed Hardw tem Hemlock Forests 'Rocky Riverbed Herbaceous Ve Hemlock Forests diflora	Total Pop. 3,991 Pop./Sq. Mi. 36  isia australis Herbaceous Vegewood Bottomland Forests	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 7' AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies Southeastern Floodplain F Floodplain Eastern Hemlock Eastern Interior Rocky Riv Upland Eastern Hemlock Large-flowered Barbara's I	Suite  ,508.2 acres Map Location: B3  Primary Threats Impoundments/stream modification Incompatible recreation  # Occurrence: 1 orests Mixed Hardwood Bottomland For sk Forests arbed Herbaceous Vegetation forests
AMACC0110 Myotis sodalis AMAF0810 Neotoma magis CEGR03901 Eastem Dry-me CEGR04001 Eastem Mssic NBHEP0X09 Cololejeunea oi PDAST4NOJ Helianthus egg- PDAST4NOJ Helianthus egg- PDAST81.04 Silphium brachi PDCPR0703 Viburnum brachi PDCPR0703 Plephilim subnu PDROS1401 Neviusia alabar PMCYP0B0 Fimbristylis per, PMLIL20000 Trillium pusillun PPASP021E Asplenium scol XXXXX0000 N/A  M30 - Gauley River States West Virginia 100.0%  Viable Targets EI. Code Scientific Na CEGL00628 Andropogon ge CEGR03801 Southeastern F CEGR03801 Southeastern F CEGR03804 Eastem Interior CEGR03804 Eastem Interior CEGR04502 Upland Eastern	ster sesic Oak Forests Hardwood Forests mata ertii iatum eatum da mensis pusilla n opendrium var. americana  Subregions  CM 100.0%  me rardii - Panicum virgatum - Bapti floodplain Forests - Mixed Hardw tem Hemlock Forests Rocky Riverbed Herbaceous Ve Hemlock Forests difflora ina	Total Pop. 3,991 Pop./Sq. Mi. 36  isia australis Herbaceous Vegewood Bottomland Forests	Natural Agriculture Water Developed	63,043.4 ac. 88 3,968.0 ac. 9 3,053.8 ac. 4	CD) G, 8.2% 3 5.5% 4.3%	Indiana or Social Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fo Eastern Mesic Hardwood I Liverwort Eggert's Sunflower Cumberland Rosinweed Limerock Arrowwood Cumberland Pagoda-plant Alabama Snow-wreath Harper's Fimbristylis Least Trillium Hart's-tongue Fern Neo-tropical Migratory Birc Yes Total Area: 77 AP Management Status 26,432.3 ac. 37.0%  Common Name Riverscour Prairies Southeastern Floodplain F Floodplain Eastern Hemloc Eastern Interior Rocky Riv Upland Eastern Hemlock F	Suite  Suite  Solution  Suite  Solution  Solut

States Virginia 100.0%			CA Type: Matrix	Landscape Action	Site: Yes Total Area: 81,	950.6 acres Map Location: G
Virginia 100 00/	Subregions	Census 2000		and Cover (1992 NLCD)	GAP Management Status	Primary Threats
viigiiiia 100.070	CM 91.1%	Total Pop. 3,538	Natural	80,644.2 ac. 98.4%	3 39,887.2 ac. 48.7%	Incompatible forestry practices
	NRV 8.9%	Pop./Sq. Mi. 28	Agriculture	896.5 ac. 1.1%	2 4,463.0 ac. 5.4%	Residential development
/iable Targets			Developed Water	343.3 ac. 0.4% 66.7 ac. 0.1%		
			vvalei	00.7 ac. 0.176	Orania Nama	# 0
EI. Code Scientific Nar MACC0110 Myotis sodalis	ne				Common Name Indiana or Social Myotis	# Occurrence
	sis - (Liriodendron tulipifera, Fagu	us grandifolia) / (Magnolia mag	oronbulla llov onaca	/ Polyetichum acrostichoidas	•	According Ecrosts
CEGR03901 Eastern Dry-mes		33 grandilolla) / (wagnolla mac	сторпуна, нех ораса	17 1 Olysuchum acrosucholaes i	Eastern Dry-mesic Oak For	
	astern Dry-mesic Oak Forests				Circumneutral Eastern Dry-	
CEGR04102 Appalachian Sai					Appalachian Sandstone Gla	
CEGR04401 Appalachian Oa	k Forests				Appalachian Oak Forests	
	ve (Mixed Mesophytic) Forests				Appalachian Cove (Mixed N	
CEGR06802 Shallow Freshwa					Shallow Freshwater vegeta	tion
PDROS1Q0 Spiraea virginiar	18				Virginia Spiraea	
M32 - Horse Lick Cre			CA Type: Matrix	<u> </u>		115.9 acres Map Location: E1
States	Subregions	Census 2000		and Cover (1992 NLCD)	GAP Management Status	Primary Threats
Kentucky 100.0%	NCP 66.3%	Total Pop. 1,452	Natural	37,544.6 ac. 96.0%	3 15,277.5 ac. 39.1%	Agricultural practices
	NCP - BUFF 33.7%	Pop./Sq. Mi. 24	Agriculture Developed	1,430.4 ac. 3.7% 138.3 ac. 0.4%		Incompatible forestry practices
Viable Targets			Water	2.5 ac. 0.0%		
El. Code Scientific Nar				2.0 40. 0.070	Common Name	# Occurrence
CEGR03901 Eastern Dry-mes					Eastern Dry-mesic Oak For	
	ve (Mixed Mesophytic) Forests				Appalachian Cove (Mixed N	
CEGR04601 Xeric Oak-Pine I					Xeric Oak-Pine Forests	
XXXXX0000 N/A					Neo-tropical Migratory Bird	Suite
M33 - Huntsville Mo	untains		CA Type: Matrix	Landscape Action	1 1 1	376.1 acres Map Location: M1
States	Subregions	Census 2000		and Cover (1992 NLCD)	GAP Management Status	Primary Threats
Alabama 100.0%	SCP 93.0%	Total Pop. 21,297	Natural	51,480.8 ac. 81.2%	2 2,382.6 ac. 3.8%	Incompatible forestry practices
	SCP - BUFF 7.0%	Pop./Sq. Mi. 215	Agriculture	9,513.3 ac. 15.0%		Residential development
			Developed	2,219.0 ac. 3.5%		·
Viable Targets			Water	163.1 ac. 0.3%		
El. Code Scientific Nar	ne				Common Name	# Occurrence
PDAST8L04 Silphium brachia	ıtum				Cumberland Rosinweed	
PDLAM0603 Blephilia subnuc	la				Cumberland Pagoda-plant	
PDRAN081A Clematis morefie					Morefield's Leather-flower	
PDROS1401 Neviusia alabam	iensis				Alabama Snow-wreath	
M34 - Inland Lake/E	lackburn Fork		CA Type: Matrix	Landscape Action	Site: No Total Area: 20,	239.9 acres Map Location: O1
States	Subregions	Census 2000	Land Use/La	and Cover (1992 NLCD)	GAP Management Status	Primary Threats
Alabama 100.0%	SCP 90.8%	Total Pop. 726	Natural	17,136.2 ac. 84.7%		Incompatible forestry practices
	SRV 9.2%	Pop./Sq. Mi. 23	Agriculture	1,466.7 ac. 7.2%		Residential development
			Water	1,306.2 ac. 6.5%		
Viable Targets			Developed	330.9 ac. 1.6%		
M35 - Kentucky Rive			CA Type: Matrix			,933.8 acres Map Location: E
States	Subregions	Census 2000		and Cover (1992 NLCD)	GAP Management Status	Primary Threats
	NCP 100.0%	Total Pop. 11,448	Natural	283,507.0 ac. 98.1%	3 42,627.8 ac. 14.8%	Incompatible forestry practices
Kentucky 100.0%	100.070					
Kentucky 100.0%	100.070	Pop./Sq. Mi. 25	Agriculture	3,584.1 ac. 1.2%	2 558.3 ac. 0.2%	Mining practices
	100.070		Agriculture Water	1,104.1 ac. 0.4%	2 558.3 ac. 0.2%	Mining practices
Viable Targets			Agriculture	· ·		
Viable Targets El. Code Scientific Nar	me		Agriculture Water	1,104.1 ac. 0.4%	Common Name	# Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H	me lardwood Forests		Agriculture Water	1,104.1 ac. 0.4%	Common Name Eastern Mesic Hardwood F	# Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic h CEGR04501 Appalachian Co	me lardwood Forests		Agriculture Water	1,104.1 ac. 0.4%	Common Name Eastern Mesic Hardwood F- Appalachian Cove (Mixed N	# Occurrence orests flesophytic) Forests
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A	me lardwood Forests ve (Mixed Mesophytic) Forests	Pop./Sq. Mi. 25	Agriculture Water Developed	1,104.1 ac. 0.4% 738.6 ac. 0.3%	Common Name Eastern Mesic Hardwood F- Appalachian Cove (Mixed Neo-tropical Migratory Bird	# Occurrence orests fesophytic) Forests Suite
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive	me lardwood Forests ve (Mixed Mesophytic) Forests er South	Pop./Sq. Mi. 25	Agriculture Water Developed  CA Type: Matrix	1,104.1 ac. 0.4% 738.6 ac. 0.3%	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed No- Neo-tropical Migratory Bird	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A  M36 - Kentucky Rive States	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions	Pop./Sq. Mi. 25	Agriculture Water Developed  CA Type: Matrix Land Use/La	1,104.1 ac. 0.4% 738.6 ac. 0.3% x Landscape Action and Cover (1992 NLCD)	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats
Viable Targets  El. Code Scientific Nar  CEGR04001 Eastern Mesic H  CEGR04501 Appalachian Co  XXXXX0000 N/A  M36 - Kentucky Rive  States	me lardwood Forests ve (Mixed Mesophytic) Forests er South	Pop./Sq. Mi. 25  Census 2000 Total Pop. 10,475	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural	1,104.1 ac. 0.4% 738.6 ac. 0.3% x Landscape Action and Cover (1992 NLCD) 203,082.3 ac. 98.6%	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed No- Neo-tropical Migratory Bird	# Occurrence orests Mesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A  M36 - Kentucky Rive States	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions	Pop./Sq. Mi. 25	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture	1,104.1 ac. 0.4% 738.6 ac. 0.3% x Landscape Action and Cover (1992 NLCD) 203,082.3 ac. 98.6% 1,995.2 ac. 1.0%	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic h CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions	Pop./Sq. Mi. 25  Census 2000 Total Pop. 10,475	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural	1,104.1 ac. 0.4% 738.6 ac. 0.3% x Landscape Action and Cover (1992 NLCD) 203,082.3 ac. 98.6%	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status	# Occurrence orests desophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%	Pop./Sq. Mi. 25  Census 2000 Total Pop. 10,475	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action     Action	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  I Site: No Total Area: 205.  GAP Management Status  3 62,957.2 ac. 30.6%	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%	Pop./Sq. Mi. 25  Census 2000 Total Pop. 10,475	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action     Action	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed Neo-tropical Migratory Bird I Site: No Total Area: 205 GAP Management Status 3 62,957.2 ac. 30.6%  Common Name	# Occurrence orests lesophytic) Forests Suite  890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0% me finesquii	Pop./Sq. Mi. 25  Census 2000 Total Pop. 10,475	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action     Action	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status  3 62,957.2 ac. 30.6%  Common Name  Rafinesque's Big-eared Bat	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mesic	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests	Census 2000  Total Pop. 10,475 Pop./Sq. Mi. 33	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action and Cover (1992 NLCD)	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status  3 62,957.2 ac. 30.6%  Common Name  Rafinesque's Big-eared Bat  Eastern Dry-mesic Oak For	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County,	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix	1,104.1 ac. 0.4% 738.6 ac. 0.3%  x Landscape Action and Cover (1992 NLCD) 203,082.3 ac. 98.6% 1,995.2 ac. 1.0% 694.8 ac. 0.3% 118.7 ac. 0.1%  x Landscape Action	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed No-tropical Migratory Bird Site: No Total Area: 205 GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For	# Occurrence orests Mesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action and Cover (1992 NLCD)     203,082.3 ac. 98.6%     1,995.2 ac. 1.0%     694.8 ac. 0.3%     118.7 ac. 0.1%     X Landscape   Action and Cover (1992 NLCD)	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed Neo-tropical Migratory Bird Site: No Total Area: 205 GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence
Viable Targets  El. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3%	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix	1,104.1 ac. 0.4% 738.6 ac. 0.3%  x Landscape Action and Cover (1992 NLCD) 203,082.3 ac. 98.6% 1,995.2 ac. 1.0% 694.8 ac. 0.3% 118.7 ac. 0.1%  x Landscape Action	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed Noe-tropical Migratory Bird Site: No Total Area: 205. GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For 1 Site: No Total Area: 90. GAP Management Status 3 3,268.4 ac. 3.6%	# Occurrence orests Mesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action     and Cover (1992 NLCD)     203,082.3 ac. 98.6% 1,995.2 ac. 1.0% 694.8 ac. 0.3% 118.7 ac. 0.1%    x Landscape   Action     and Cover (1992 NLCD)     88,924.3 ac. 98.2%	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed Noe-tropical Migratory Bird Site: No Total Area: 205. GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For 1 Site: No Total Area: 90. GAP Management Status 3 3,268.4 ac. 3.6%	# Occurrence orests Mesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1
Viable Targets  EI. Code Scientific Nar CEGR04001 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States  Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States  Kentucky 94.3% Tennessee 5.7%	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action and Cover (1992 NLCD)     203,082.3 ac. 98.6%     1,995.2 ac. 1.0%     118.7 ac. 0.1%     X Landscape   Action and Cover (1992 NLCD)     88,924.3 ac. 98.2%     1,185.7 ac. 1.3%	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed No-tropical Migratory Bird Site: No Total Area: 205. GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For Site: No Total Area: 90. GAP Management Status 3 3,268.4 ac. 3.6% 1 887.4 ac. 1.0%	# Occurrence orests Mesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1
Viable Targets  EI. Code Scientific Nar CEGR04001 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-me: M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000  Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000  Total Pop. 4,462 Pop./Sq. Mi. 32	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water	1,104.1 ac.	Common Name Eastern Mesic Hardwood F. Appalachian Cove (Mixed No-tropical Migratory Bird Site: No Total Area: 205. GAP Management Status 3 62,957.2 ac. 30.6%  Common Name Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For Site: No Total Area: 90. GAP Management Status 3 3,268.4 ac. 3.6% 1 887.4 ac. 1.0% 2 296.8 ac. 0.3%	# Occurrence prests lesophytic) Forests Suite  890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices  # Occurrence ests  576.9 acres Map Location: G1 Primary Threats
Viable Targets  EI. Code Scientific Nar CEGR044001 Eastern Mesic H CEGR04501 Appalachian Co XXXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000  Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000  Total Pop. 4,462 Pop./Sq. Mi. 32	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix CA Type: Matrix CA Type: Matrix	1,104.1 ac. 0.4% 738.6 ac. 0.3%    X Landscape   Action and Cover (1992 NLCD)     203,082.3 ac. 98.6%     1,995.2 ac. 1.0%     694.8 ac. 0.3%     118.7 ac. 0.1%     X Landscape   Action and Cover (1992 NLCD)     88,924.3 ac. 98.2%     1,185.7 ac. 1.3%     375.5 ac. 0.4%     91.4 ac. 0.1%     X Landscape   Action and Cover (1992 NLCD)     4	Common Name   Eastern Mesic Hardwood F.	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests .576.9 acres Map Location: G1 Primary Threats  Map Location: N1
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States	me dardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000  Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000  Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000  Census 2000	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Agriculture Developed Land Use/La	1,104.1 ac.	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status  Common Name  Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For  Site: No Total Area: 90  GAP Management Status  3 3,268.4 ac. 3.6%  1 887.4 ac. 1.0% 2 296.8 ac. 0.3%  Istie: No Total Area: 42  GAP Management Status  4 Site: No Total Area: 42  GAP Management Status  1 Site: No Total Area: 42  GAP Management Status	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats
Viable Targets  EI. Code Scientific Nar CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water	1,104.1 ac.	Common Name	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States	me dardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Agriculture Developed Land Use/La	1,104.1 ac.	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migratory Bird  Site: No Total Area: 205  GAP Management Status  Common Name  Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For  Site: No Total Area: 90  GAP Management Status  3 3,268.4 ac. 3.6%  1 887.4 ac. 1.0% 2 296.8 ac. 0.3%  Istie: No Total Area: 42  GAP Management Status  4 Site: No Total Area: 42  GAP Management Status  1 Site: No Total Area: 42  GAP Management Status	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1 Primary Threats
Viable Targets  EI. Code Scientific Nar CEGR04001 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States Georgia 100.0%	me dardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Land Use/La Natural Agriculture	1,104.1 ac.	Common Name	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR3901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States Georgia 100.0%	me lardwood Forests ve (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%  Intain Subregions SRV 100.0%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac.	Common Name  Eastern Mesic Hardwood F.  Appalachian Cove (Mixed No-tropical Migrators Bird  Site: No Total Area: 205  GAP Management Status  3 62,957.2 ac. 30.6%  Common Name  Rafinesque's Big-eared Bat Eastern Dry-mesic Oak For  Site: No Total Area: 90  GAP Management Status  3 3,268.4 ac. 3.6% 1 887.4 ac. 1.0% 2 296.8 ac. 0.3%  Site: No Total Area: 42  GAP Management Status  3 14,757.7 ac. 34.5% 4 470.7 ac. 1.1%	# Occurrence prests lesophytic) Forests Suite  890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices  # Occurrence ests  576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression Residential development
Viable Targets  El. Code Scientific Nar CEGR044001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States Georgia 100.0%  Viable Targets  El. Code Scientific Nar	me lardwood Forests  ve (Mixed Mesophytic) Forests  er South	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac.	Common Name   Eastern Mesic Hardwood F.	# Occurrence prests lesophytic) Forests Suite  890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices  # Occurrence ests  576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression Residential development
Viable Targets  EI. Code Scientific Nar CEGR04001 Eastern Mesic In CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States Georgia 100.0%  Viable Targets  EI. Code Scientific Nar PDAST7K06 Prenanthes bard	me lardwood Forests we (Mixed Mesophytic) Forests er South Subregions NCP 100.0%  me finesquii sic Oak Forests  KY Subregions NCP 58.1% CM 41.9%  Intain Subregions SRV 100.0%	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac.	Common Name   Eastern Mesic Hardwood F.	# Occurrence prests lesophytic) Forests Suite  890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices  # Occurrence ests  576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression Residential development
Viable Targets  El. Code Scientific Nar CEGR044001 Eastern Mesic H CEGR04501 Appalachian Co XXXXX0000 N/A  M36 - Kentucky Rive States Kentucky 100.0%  Viable Targets  El. Code Scientific Nar AMACC0802 Corynorhinus ra CEGR03901 Eastern Dry-mes M37 - Knox County, States Kentucky 94.3% Tennessee 5.7%  Viable Targets  M38 - Lavender Mou States Georgia 100.0%  Viable Targets  El. Code Scientific Nar	me lardwood Forests ve (Mixed Mesophytic) Forests ve (Mixed Mesoph	Census 2000 Total Pop. 10,475 Pop./Sq. Mi. 33  Census 2000 Total Pop. 4,462 Pop./Sq. Mi. 32  Census 2000 Total Pop. 3,050	Agriculture Water Developed  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed Water  CA Type: Matrix Land Use/La Natural Agriculture Developed	1,104.1 ac.	Common Name   Eastern Mesic Hardwood F.	# Occurrence orests flesophytic) Forests Suite 890.9 acres Map Location: F Primary Threats Agricultural practices Incompatible forestry practices # Occurrence ests 576.9 acres Map Location: G1 Primary Threats  763.1 acres Map Location: N1 Primary Threats Fire suppression

M39 - Lilley Cornett					772.8 acres Map Location:
States Kentucky 100.0%	Subregions CM 100.0%	Census 2000 Total Pop. 1,546	Land Use/Land Cover (1992 NLCD)  Natural 32,570.4 ac. 99.4%	GAP Management Status 1 476.7 ac. 1.5%	Primary Threats Incompatible forestry practices
100.070	100.070	Pop./Sq. Mi. 30	Agriculture 98.8 ac. 0.3%		Mining practices
			Developed 98.8 ac. 0.3%		
able Targets			Water 4.9 ac. 0.0%		
I. Code Scientific Nan				Common Name	# Occurrer
AAAD1222 Plethodon wehrle EGR03901 Eastern Dry-mes				Wehrle's Salamander Eastern Dry-mesic Oak Fores	ete
EGR04001 Eastern Mesic H				Eastern Mesic Hardwood For	
	re (Mixed Mesophytic) Forests			Appalachian Cove (Mixed Me	
DMON040 Monotropsis odo	rata			Sweet Pinesap	
140 - Little River Ca					630.6 acres Map Location:
tates labama 99.6%	Subregions SCP 95.1%	Census 2000 Total Pop. 3,819	Land Use/Land Cover (1992 NLCD)  Natural 68,330.0 ac. 89.2%	GAP Management Status 2 4,779.1 ac. 6.2%	Primary Threats Fire suppression
eorgia 0.4%	SRV 4.9%	Pop./Sq. Mi. 32	Agriculture 6,647.4 ac. 8.7%	2 4,779.1 dC. 0.270	Industrial/municipal pollution
3			Developed 1,215.8 ac. 1.6%		Residential development
iable Targets			Water 437.4 ac. 0.6%		
I. Code Scientific Nan				Common Name	# Occurre
EGL00462 Bigelowia nuttalli DAPI1Y040 Ptilimnium nodos	i - Coreopsis pulchra - Liatris mi	icrocephala Herbaceous Veget	ation	Appalachian Sandstone Glad Harperella	des and Barrens
DAST2LOS Coreopsis pulchi				Woodland Tickseed	
DAST4N0U Helianthus longif				Longleaf Sunflower	
DAST8507 Rudbeckia heliop	nsidis			Sun-facing Coneflower	
DCUS010U Cuscuta harperi DHAM0102 Fothergilla major				Harper's Dodder	
DHAM0102 Fothergilla major DPOR080 Talinum menges	ii			Mountain Witch-alder Menge's Fame-flower	
DSAR0205 Sarracenia oreop				Green Pitcher Plant	
MALI040U Sagittaria secund				Little River Arrow-head	
MCYP0B0 Fimbristylis brevi	vaginata			Glade Fimbry Little River Canyon Onion	
MLIL02290 Allium speculae	Mt-i		CA Turner Matrix Landscane Action	•	704.5 acres Map Location:
l41 - Lookout & Pigo tates	Subregions	Census 2000	CA Type: Matrix Landscape Action S Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
Georgia 96.5%	SCP 69.4%	Total Pop. 6,100	Natural 73,931.6 ac. 92.8%	2 4,125.4 ac. 5.2%	Fire suppression
ennessee 3.4%	SRV 30.6%	Pop./Sq. Mi. 49	Agriculture 4,634.2 ac. 5.8%	1 902.1 ac. 1.1%	Industrial/municipal pollution
labama 0.1%			Developed 1,007.9 ac. 1.3%		Residential development
iable Targets			Water 130.9 ac. 0.2%		
I. Code Scientific Nan AAAD0101 Aneides aeneus	<u>ie</u>			Common Name Green Salamander	# Occurre
DAST6808 Marshallia trinen				Broadleaf Barbara's Buttons	
DGEN0F09 Sabatia capitata				Rose Gentian	
DHAM0102 Fothergilla major				Mountain Witch-alder	
DLAM1U0 Scutellaria monta DROS1Q0 Spiraea virginian				Large-flowered Skullcap	
XXXX0000 N/A	<u>a</u>			Virginia Spiraea  Neo-tropical Migratory Bird S	luite
142 - Lynn Camp Cro	eek Area		CA Type: Matrix Landscape Action 9		106.8 acres Map Location:
itates	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
Kentucky 100.0%	NCP 100.0%	Total Pop. 2,552	Natural 24,015.6 ac. 94.5%		Agricultural practices
		Pop./Sq. Mi. 64	Agriculture 1,144.1 ac. 4.5% Developed 197.7 ac. 0.8%		Residential development
/iable Targets			Water 49.4 ac. 0.2%		
			CA Type: Matrix Landscape Action 9	Site: Vec Total Area: 24 3	Man Location:
143 - Meadow River	Subregions			, , , , , , , , , , , , , , , , , , , ,	349.2 acres Map Location: Primary Threats
	Subregions CM - BUFF 52.5%	Census 2000 Total Pop. 1,927	CA Type: Matrix Landscape         Action S           Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac. 65.6%	Site: Yes Total Area: 24,3 GAP Management Status	Primary Threats Incompatible forestry practices
143 - Meadow River tates		Census 2000	Natural         15,961.2         ac.         65.6%           Agriculture         7,802.8         ac.         32.0%	, , , , , , , , , , , , , , , , , , , ,	Primary Threats
43 - Meadow River tates /est Virginia 100.0%	CM - BUFF 52.5%	Census 2000 Total Pop. 1,927	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	, , , , , , , , , , , , , , , , , , , ,	Primary Threats Incompatible forestry practices
143 - Meadow River tates lest Virginia 100.0%	CM - BUFF 52.5% CM 47.5%	Census 2000 Total Pop. 1,927	Natural         15,961.2         ac.         65.6%           Agriculture         7,802.8         ac.         32.0%	GAP Management Status	Primary Threats Incompatible forestry practices Residential development
143 - Meadow River tates lest Virginia 100.0% liable Targets I. Code Scientific Nan	CM - BUFF 52.5% CM 47.5%	Census 2000 Total Pop. 1,927	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	GAP Management Status  Common Name	Primary Threats Incompatible forestry practices Residential development # Occurre
143 - Meadow River tates //est Virginia 100.0%  iable Targets I. Code Scientific Nan EGR03105 Depressional Bu	CM - BUFF 52.5% CM 47.5%	Census 2000           Total Pop.         1,927           Pop./Sq. Mi.         51	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	GAP Management Status  Common Name  Depressional Buttonbush Por	Primary Threats Incompatible forestry practices Residential development # Occurre
143 - Meadow River tates Vest Virginia 100.0%  iable Targets 1. Code Scientific Nan EGR03105 Depressional Bu EGR03801 Southeastern Flo EGR03801 Southeastern Flo	CM - BUFF 52.5% CM 47.5%  ne ttonbush Ponds podplain Forests Oak Bottomle podplain Forests Mixed Hardw	Census 2000           Total Pop.         1,927           Pop./Sq. Mi.         51	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	GAP Management Status  Common Name  Depressional Buttonbush Poi Southeastern Floodplain Ford	Primary Threats Incompatible forestry practices Residential development  # Occurre  rds ests - Oak Bottomland Forests
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The ttonbush Ponds prodplain Forests Oak Bottomla podplain Forests Mixed Hardwallands	Census 2000           Total Pop.         1,927           Pop./Sq. Mi.         51	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	GAP Management Status  Common Name Depressional Buttonbush Por Southeastern Floodplain Fore Floodplain Shrublands	Primary Threats Incompatible forestry practices Residential development  # Occurre  nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For
143 - Meadow River tates  /est Virginia 100.0%    iable Targets   I. Code Scientific Nan EGR03105 Depressional Bu EGR03801 Southeastern Fic EGR03801 Southeastern Fic EGR03803 Floodplain Shruts EGR03803 Floodplain Shruts EGR06802 Shallow Freshwa	CM - BUFF 52.5% CM 47.5%  The strong sound in the strong sound in the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%	Common Name  Common Name  Depressional Buttonbush Por Southeastern Floodplain For Floodplain For Floodplain Shrublands  Shallow Freshwater vegetatic	Primary Threats Incompatible forestry practices Residential development  # Occurre nds ests Oak Bottomland Forests ests Mixed Hardwood Bottomland Forests
143 - Meadow River tates    /est Virginia   100.0%     iable Targets     1. Code   Scientific Nan   EGR03105   Depressional Bu   EGR03801   Southeastern Fice   EGR03801   Southeastern Fice   EGR03803   Floodplain Shruts   EGR06802   Shallow Freshwater   EGR06803   Deep Feshwater	CM - BUFF 52.5% CM 47.5%  The ttonbush Ponds sodplain Forests Oak Bottomle sodplain Forests Mixed Hardw slands ster Vegetation (Non-riverine) Pond Vegetation	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests wood Bottomland Forests	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%           Water         79.0 ac.         0.3%	Common Name  Common Name  Depressional Buttonbush Por Southeastern Floodplain Ford Floodplain Ford Floodplain Shrublands  Shallow Freshwater vegetatic Deep Freshwater (Non-riverial Port Floodplain Control Port Port Port Port Port Port Port Port	Primary Threats Incompatible forestry practices Residential development  # Occurre nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland Forence on ne) Pond Vegetation
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The ttonbush Ponds sodplain Forests Oak Bottomle sodplain Forests Mixed Hardw slands ster Vegetation (Non-riverine) Pond Vegetation	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests wood Bottomland Forests	Land Use/Land Cover (1992 NLCD)           Natural         15,961.2 ac.         65.6%           Agriculture         7,802.8 ac.         32.0%           Developed         506.2 ac.         2.1%           Water         79.0 ac.         0.3%	Common Name  Common Name  Depressional Buttonbush Por Southeastern Floodplain For Floodplain For Floodplain Shrublands  Shallow Freshwater vegetatic	Primary Threats Incompatible forestry practices Residential development  # Occurrent  ands ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland Forest  primary Threats  primary Threats  # Occurrent  ands  # Occurrent  # Occurrent  ands  # Occurrent  ands  # Occurrent  ands  # Occurrent  # Occurrent  ands  # Occurrent  ands  # Occurrent  # Occurrent  ands  # Occurrent  # Occurrent  # Occurrent  ands  # Occurrent  # Oc
143 - Meadow River	CM - BUFF 52.5% CM 47.5%  The strong	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests wood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverii Site: No Total Area: 286,6	Primary Threats Incompatible forestry practices Residential development  # Occurrent  as ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland Forest  and Pond Vegetation  303.6 acres Map Location:  Primary Threats Incompatible forestry practices
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The standard of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests wood Bottomland Forests  Census 2000	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverir Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8%	Primary Threats Incompatible forestry practices Residential development  # Occurrent  assess - Oak Bottomland Forests  ests - Mixed Hardwood Bottomland Forest  on  ne) Pond Vegetation  303.6 acres Map Location:  Primary Threats
43 - Meadow River tates lest Virginia 100.0%  able Targets  Code Scientific Nan EGR03105 Depressional Bu EGR03801 Southeastern Fic EGR03801 Southeastern Fic EGR03803 Floodplain Shrub EGR06802 Shallow Freshwet EGR06803 Deep Feshwater 44 - Mid-Cumberlai Lates Ennessee 100.0%	CM - BUFF 52.5% CM 47.5%  The standard section of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverit Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5%	Primary Threats Incompatible forestry practices Residential development  # Occurre  as ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland Forest  and Pond Vegetation  303.6 acres Map Location:  Primary Threats Incompatible forestry practices
43 - Meadow River Lates Lest Virginia 100.0%  able Targets  Code Scientific Nan EGR03105 Depressional Bu EGR03801 Southeastern Fic EGR03801 Southeastern Fic EGR03801 Southeastern Fic EGR03803 Floodplain Shrub EGR06802 Shallow Freshwe EGR06803 Deep Feshwater 44 - Mid-Cumberlai Lates Ennessee 100.0%	CM - BUFF 52.5% CM 47.5%  The strong	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Por Southeastern Floodplain Ford Floodplain Ford Floodplain Ford Floodplain Shrublands  Shallow Freshwater vegetatic Deep Freshwater (Non-riverin Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%	Primary Threats Incompatible forestry practices Residential development  # Occurre  ands ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  503.6 acres Map Location:  Primary Threats Incompatible forestry practices Mining practices
143 - Meadow River	CM - BUFF 52.5% CM 47.5%  The strong	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Poi Southeastern Floodplain Fore Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riveri  Site: No Total Area: 286,6  GAP Management Status  3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name	Primary Threats Incompatible forestry practices Residential development  # Occurre  ands ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  503.6 acres Map Location:  Primary Threats Incompatible forestry practices Mining practices
A3 - Meadow River	CM - BUFF 52.5% CM 47.5%  The strong of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Por Southeastern Floodplain Ford Floodplain Ford Floodplain Ford Floodplain Shrublands  Shallow Freshwater vegetatic Deep Freshwater (Non-riverin Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%	Primary Threats Incompatible forestry practices Residential development  # Occurre  ands ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  503.6 acres Map Location:  Primary Threats Incompatible forestry practices Mining practices
143 - Meadow River	CM - BUFF 52.5% CM 47.5%  The standard section of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverir Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis	Primary Threats Incompatible forestry practices Residential development  # Occurre  as ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland Forest  and Pond Vegetation  and Primary Threats Incompatible forestry practices Mining practices  # Occurre
A3 - Meadow River	CM - BUFF 52.5% CM 47.5%  The strong of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverie Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fores Eastern Mesic Hardwood Fore	Primary Threats Incompatible forestry practices Residential development  # Occurre  nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  803.6 acres Map Location: Primary Threats Incompatible forestry practices Mining practices  # Occurre  sts
143 - Meadow River	CM - BUFF 52.5% CM 47.5%  The strong of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Poi Southeastern Floodplain Fore Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riveris Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fore: Eastern Mesic Hardwood Fore Appalachian Cove (Mixed Me	Primary Threats Incompatible forestry practices Residential development  # Occurre  nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  803.6 acres Map Location: Primary Threats Incompatible forestry practices Mining practices  # Occurre  sts
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The strong of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater (Non-riverir Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fore: Eastern Mesic Hardwood For Appalachian Cove (Mixed Me Broadleaf Barbara's Buttons	Primary Threats Incompatible forestry practices Residential development  # Occurre  nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  803.6 acres Map Location: Primary Threats Incompatible forestry practices Mining practices  # Occurre  sts
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The standard of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name  Depressional Buttonbush Poi Southeastern Floodplain Fore Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riveris Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fore: Eastern Mesic Hardwood Fore Appalachian Cove (Mixed Me	Primary Threats Incompatible forestry practices Residential development  # Occurre  nds ests - Oak Bottomland Forests ests - Mixed Hardwood Bottomland For  on ne) Pond Vegetation  803.6 acres Map Location: Primary Threats Incompatible forestry practices Mining practices  # Occurre  sts
143 - Meadow River tates	CM - BUFF 52.5% CM 47.5%  The strong of the	Census 2000 Total Pop. 1,927 Pop./Sq. Mi. 51  and Forests vood Bottomland Forests  Census 2000 Total Pop. 6,842	Natural   15,961.2 ac.   65.6%	Common Name Depressional Buttonbush Poi Southeastern Floodplain Fore Floodplain Shrublands Shallow Freshwater vegetatic Deep Freshwater (Non-riverir Site: No Total Area: 286,6 GAP Management Status 3 24,224.5 ac. 8.5% 1 7,951.2 ac. 2.8% 2 3,245.7 ac. 1.1%  Common Name Gray Myotis Allegheny Woodrat Eastern Dry-mesic Oak Fores Eastern Mesic Hardwood For Appalachian Cove (Mixed Me Broadleaf Barbara's Buttons American Barberry	Primary Threats Incompatible forestry practices Residential development  # Occurrent  must be the control of th

M45 - New River Go	rae		CA Type: Matrix	Landscape	Action 5	Site: Yes Total Area: 137	,108.2 acres Map Location: C3
States	Subregions	Census 2000		nd Cover (1992		GAP Management Status	Primary Threats
West Virginia 100.0%	CM 97.6%	Total Pop. 7,427	Natural	122,896.8 ac.	89.6%	2 59,934.5 ac. 43.7%	Impoundments/stream modification
	CM - BUFF 2.4%	Pop./Sq. Mi. 35	Agriculture	8,691.4 ac.	6.3%		Invasive species
Viable Targets			Water Developed	3,124.3 ac. 2,395.7 ac.	2.3% 1.7%		
El. Code Scientific Na	me		Бечеюреа	2,000.7 ac.	1.7 70	Common Name	# Occurrence
AAAAD0101 Aneides aeneus						Green Salamander	# Occurrence
AMACC0802 Corynorhinus ra						Rafinesque's Big-eared Bat	1
CEGL00628 Andropogon ger	rardii - Panicum virgatum - Baptis	sia australis Herbaceous Vege	etation			Riverscour Prairies	
	iana var. virginiana - Pinus virgini		lanchier spicata / Dan	thonia spicata - Meli	ica mutica V		een/Deciduous Riverside Flatrock Woodla
	loodplain Forests Mixed Hardw	ood Bottomland Forests				<u> </u>	orests Mixed Hardwood Bottomland For
CEGR03803 Floodplain Shru CEGR03804 Eastern Interior	Diands Rocky Riverbed Herbaceous Ve	actation				Floodplain Shrublands	erbed Herbaceous Vegetation
CEGR03901 Eastern Dry-me		geration				Eastern Dry-mesic Oak For	
	Hardwood Forests					Eastern Mesic Hardwood F	
CEGR04501 Appalachian Co	ove (Mixed Mesophytic) Forests					Appalachian Cove (Mixed N	Mesophytic) Forests
	Hemlock Forests					Upland Eastern Hemlock F	orests
CEGR04601 Xeric Oak-Pine						Xeric Oak-Pine Forests	
CEGR04604 Upland White P CEGR04702 Interior Streamh						Upland White Pine Forests Interior Streamhead Seepa	ne Swamps
CEGR06802 Shallow Freshw						Shallow Freshwater vegeta	• .
	r (Non-riverine) Pond Vegetation					Deep Freshwater (Non-rive	
CEGR08201 Miscellaneous A	Aquatic Shrub Swamps					Miscellaneous Aquatic Shru	ub Swamps
PDBRA0K0E Cardamine flage						Bitter Cress	
PDMAL100C Sida hermaphro XXXXX0000 N/A	oaita					Virginia Mallow	Suito
			CA Turas Matri	Londonn	A =4! 1	Neo-tropical Migratory Bird	
M46 - Nickajack Cov States	ve Subregions	Census 2000	CA Type: Matrix	Landscape nd Cover (1992	Action (	Site: No Total Area: 21 GAP Management Status	,092.4 acres Map Location: L14 Primary Threats
Georgia 63.8%	SCP 100.0%	Total Pop. 1,605	Natural	19,034.8 ac.	90.2%	JAI management Status	Incompatible forestry practices
Tennessee 27.7%		Pop./Sq. Mi. 49	Agriculture	1,635.2 ac.	7.8%		Residential development
Alabama 8.5%			Water	222.3 ac.	1.1%		
Viable Targets			Developed	200.1 ac.	0.9%		
El. Code Scientific Na						Common Name	# Occurrence
AAAAD0101 Aneides aeneus	3					Green Salamander	
M47 - Oak & Double			CA Type: Matrix		Action		,144.8 acres Map Location: Q1
States	Subregions	Census 2000		nd Cover (1992		GAP Management Status	Primary Threats
Alabama 100.0%	SRV 100.0%	<u>Total Pop.</u> 12,309 Pop./Sq. Mi. 129	Natural Agriculture	57,245.9 ac. 2,848.8 ac.	93.6% 4.7%	2 8,832.2 ac. 14.4%	Incompatible forestry practices Residential development
		Pop./3q. IVII. 129	Water	780.8 ac.	1.3%		Residential development
Viable Targets			Developed	269.3 ac.	0.4%		
El. Code Scientific Na	me					Common Name	# Occurrence
AMACC0104 Myotis grisesce						Gray Myotis	
1111 000112 11							
AMACC0110 Myotis sodalis						Indiana or Social Myotis	
AMACC0110 Myotis sodalis PDFAG052F Quercus boynto	onii					Indiana or Social Myotis Boynton's Sand Post Oak	
PDFAG052F Quercus boynto	servation		CA Type: Matrix		Action	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57	•
PDFAG052F Quercus boynto M48 - Oak Ridge Res States	servation Subregions	Census 2000	Land Use/Lai	nd Cover (1992	NLCD)	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57 GAP Management Status	Primary Threats
PDFAG052F Quercus boynto	servation	Total Pop. 9,883	Land Use/Lar Natural	45,746.1 ac.	NLCD) 80.0%	Indiana or Social Myotis   Boynton's Sand Post Oak   Site: No	Primary Threats Fire suppression
PDFAG052F Quercus boynto M48 - Oak Ridge Res States	servation Subregions		Land Use/Lai	45,746.1 ac. 4,479.4 ac.	NLCD) 80.0% 7.8%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57 GAP Management Status	Primary Threats Fire suppression Industrial/municipal pollution
PDFAG052F Quercus boynto M48 - Oak Ridge Res States	servation Subregions	Total Pop. 9,883	Land Use/Lar Natural Water	45,746.1 ac.	NLCD) 80.0%	Indiana or Social Myotis   Boynton's Sand Post Oak   Site: No	Primary Threats Fire suppression
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States  Tennessee 100.0%	Subregions NRV 100.0%	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis   Boynton's Sand Post Oak   Site: No	Primary Threats  Fire suppression Industrial/municipal pollution Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets	Servation Subregions NRV 100.0%	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis	Primary Threats Fire suppression Industrial/municipal pollution Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets  El. Code Scientific Nat PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif	Servation Subregions NRV 100.0%  me torrei olia	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis   Boynton's Sand Post Oak	Primary Threats Fire suppression Industrial/municipal pollution Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets  El. Code Scientific Nat PDLAM1N0 Pycnanthenum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa	Servation Subregions NRV 100.0%  me torrei olia Itatum	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur	Primary Threats  Fire suppression Industrial/municipal pollution Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Nat PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auriculia	Servation Subregions NRV 100.0%  me torrei olila liatum ata	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove	Primary Threats  Fire suppression Industrial/municipal pollution Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auricule PDSCR0504 Aureolaria patul	Servation Subregions NRV 100.0%  me torrei olila liatum ata	Total Pop. 9,883	Land Use/Lar Natural Water Agriculture	45,746.1 ac. 4,479.4 ac. 3,944.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur	Primary Threats Fire suppression Industrial/municipal pollution Residential development # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auriculs PDSCR0504 Aureolaria patul XXXXX0000 N/A	servation Subregions NRV 100.0%  me torrei olia ltatum ala	Total Pop. 9,883	Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.	80.0% 7.8% 6.9%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auricule PDSCR0504 Aureolaria patul	servation Subregions NRV 100.0%  me torrei olia ltatum ala	Total Pop. 9,883	Land Use/Lan Natural Water Agriculture Developed  CA Type: Matrix	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.	80.0% 7.8% 6.9% 5.2%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird	Primary Threats Fire suppression Industrial/municipal pollution Residential development # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifiva rubif PDRAN080 Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5%	me clorrei olia ala  Forest	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lan Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lan Natural	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape and Cover (1992 27,860.7 ac.	NLCD) 80.0% 7.8% 6.9% 5.2% Action s NLCD) 98.4%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite 305.3 acres Map Location: E Primary Threats Incompatible forestry practices
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets El. Code Scientific Nat PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubift PDRAN0800 Delphinium exa PDSCR0113 Agalinis auriculat PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States	me lotrei oilia lata la  Forest Subregions	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape and Cover (1992 27,860.7 ac. 289.0 ac.	80.0% 7.8% 6.9% 5.2% Action s NLCD) 98.4% 1.0%	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E Primary Threats
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN0B0J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5% Virginia 31.5%	me lotrei oilia lata la  Forest Subregions	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape nd Cover (1992 27,860.7 ac. 289.0 ac. 103.7 ac.	80.0% 7.8% 6.9% 5.2% Action : NLCD) 98.4% 1.0% 0.4%	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite 305.3 acres Map Location: Exprimary Threats Incompatible forestry practices
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDRAN0706 Cimicifuga rubif PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auricule PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5% Virginia 31.5%  Viable Targets	me tlorrei olia latatum ala a  Forest Subregions  MRV 100.0%  me Ltorrei olia latatum ala a  1.5 Forest Subregions  CM 100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape and Cover (1992 27,860.7 ac. 289.0 ac.	80.0% 7.8% 6.9% 5.2% Action s NLCD) 98.4% 1.0%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Nec-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite 305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States  Tennessee 100.0%  Viable Targets  El. Code Scientific Nai PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0113 Agalinis auricule PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Nai	me clorrei olia latum ala la er Forest Subregions  CM 100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape nd Cover (1992 27,860.7 ac. 289.0 ac. 103.7 ac.	80.0% 7.8% 6.9% 5.2% Action : NLCD) 98.4% 1.0% 0.4%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%  Common Name	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDRAN0706 Cimicifuga rubif PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Na: AAAAD0309 Desmognathus	me clorrei olia latum ala la er Forest Subregions  CM 100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed	nd Cover (1992 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. Landscape nd Cover (1992 27,860.7 ac. 289.0 ac. 103.7 ac.	80.0% 7.8% 6.9% 5.2% Action : NLCD) 98.4% 1.0% 0.4%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets El. Code Scientific Na PDLAM1100 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na AAAAD0309 Desmognathus XXXXXX0000 N/A	me torrei colla tata tata tata tata tata tata tata	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape and Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.	NLCD) 80.0% 7.8% 6.9% 5.2% Action : NLCD) 98.4% 1.0% 0.4% 0.2%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status  3 35,116.7 ac. 61.4%  4 1,099.8 ac. 1.9%  Common Name  Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status  3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  Suite
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets El. Code Scientific Nat PDLAM1706 Cimicifiya rubifi PDRAN0800 Delphinium exa PDSCR0113 Agalinis auricult PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Nat AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount	me ltorrei olia ltatum ala la  Forest Subregions  [NRV 100.0%]  me welteri  subregions  [CM 100.0%]	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258 Pop./Sq. Mi. 28	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape and Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.	NLCD) 80.0% 7.8% 6.9% 5.2%  Action \$ NLCD) 98.4% 1.0% 0.2%  Action \$	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Suite ,871.4 acres Map Location: M1
PDFAG052F Quercus boynto  M48 - Oak Ridge Res States Tennessee 100.0%  Viable Targets El. Code Scientific Na PDLAMINO Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080. Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na AAAAD0309 Desmognathus XXXXXX0000 N/A	me torrei colla tata tata tata tata tata tata tata	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape and Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.	NLCD) 80.0% 7.8% 6.9% 5.2%  Action \$ NLCD) 98.4% 1.0% 0.2%  Action \$	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status  3 35,116.7 ac. 61.4%  4 1,099.8 ac. 1.9%  Common Name  Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status  3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  Suite
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Nat PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifiuga rubif PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  Virginia 68.5% Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Nat AAAA03030 Desmognathus XXXXXX0000 N/A  M50 - Pigeon Mount States	me torrei lata Subregions  The state of the	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000 Total Pop. 1,258 Pop./Sq. Mi. 28  Census 2000  Census 2000	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lar	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape add Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.	Solution    Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Suite  371.4 acres Map Location: M1  Primary Threats	
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Nat PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifiuga rubif PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  Virginia 68.5% Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Nat AAAA03030 Desmognathus XXXXXX0000 N/A  M50 - Pigeon Mount States	me tlorrei colla latatum ala la le Forest Subregions  CM 100.0%  me welteri  subregions	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000  Total Pop. 1,258 Pop./Sq. Mi. 28  Census 2000  Total Pop. 1,931	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Natural Land Use/Lar Natural Agriculture Developed	Landscape nd Cover (1992 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44,79.4 ac. 2,997.0 ac.	Record   R	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Suite  # Occurrence  # Threats  # Occurrence  # Threats  # Occurrence  # Threats  # Threats  # Threats  # Threats  Fire suppression
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM100 Pycnanthemun PDRAN0100 Cimicifuga rubifi PDRAN080 Delphinium exa PDSCR0113 Agalinis auricula PDSCR0504 Aurolaria patul XXXXX0000 N/A  M49 - Panther State States  West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Na: AAAA00309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States  Georgia 100.0%	NRV   100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000  Total Pop. 1,258 Pop./Sq. Mi. 28  Census 2000  Total Pop. 1,931	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Agriculture Agriculture	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac.	NLCD    80.0%   7.8%   6.9%   5.2%	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status  3 35,116.7 ac. 61.4%  4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status  3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status  3 16,756.5 ac. 34.3%	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Occurrence  # Fire suppression Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets EI. Code Scientific Nai PDLAMINO Pycnanthemum PDRAN0706 Cimicifiuga rubifi PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets EI. Code Scientific Nai AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets EI. Code Scientific Nai	Servation   Subregions   NRV   100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000  Total Pop. 1,258 Pop./Sq. Mi. 28  Census 2000  Total Pop. 1,931	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Natural Land Use/Lar Natural Agriculture Developed	Landscape nd Cover (1992 43,073.6 ac. 5,526.2 ac. 227.2 ac. 43,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. 2,997.0 ac. 43,073.6 ac. 5,526.2 ac. 227.2 ac.	Record   R	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48 GAP Management Status 3 16,756.5 ac. 34.3%  Common Name	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Occurrence  # Fire suppression Residential development
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDLAM1N0 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States  Viable Targets  El. Code Scientific Na: AAAA0309 Desmognathus XXXXXX0000 N/A  M50 - Pigeon Mount States  Georgia 100.0%  Viable Targets  El. Code Scientific Na: AAAAD0101 Aneides aeneus	NRV   100.0%	Total Pop. 9,883 Pop./Sq. Mi. 111  Census 2000  Total Pop. 1,258 Pop./Sq. Mi. 28  Census 2000  Total Pop. 1,931	Land Use/Lar Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lar Natural Agriculture Developed Natural Land Use/Lar Natural Agriculture Developed	Landscape nd Cover (1992 43,073.6 ac. 5,526.2 ac. 227.2 ac. 43,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac. 2,997.0 ac. 43,073.6 ac. 5,526.2 ac. 227.2 ac.	Record   R	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite 305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  Suite 871.4 acres Map Location: M1 Primary Threats Fire suppression Residential development  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na: PDRAN0706 Cimicifuga rubii PDRAN0706 Aureolaria patul XXXXX0000 N/A  M49 - Panther States West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Na: AAAAD0309 Desmognathus XXXXXX0000 N/A  M50 - Pigeon Mount States  Georgia 100.0%  Viable Targets  El. Code Scientific Na: AAAAD0101 Aneides aeneus AAAAD101 Aneides aeneus AAAAD101 Aneides aeneus AAAAD101 Aneides aeneus AAAAD101 Plethodon petra	me tlorrei colla subregions NRV 100.0%  me tlorrei colla ltatum ala la se Forest Subregions CM 100.0%  me welteri  sains Subregions SCP 51.4% SRV 48.6%  me seleus	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamander	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Occurrence  # Suite ,871.4 acres Map Location: M1 Primary Threats Fire suppression Residential development  # Occurrence  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets El. Code Scientific Na PDLAM1100 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080 Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets El. Code Scientific Na AAAAD1031 Aneides aeneus AAAAD1231 Plethodon petra CEGL00513 Quercus muehle CEGL00513 Quercus muehle	NRV   100.0%	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lot	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite  305.3 acres Map Location: E  Primary Threats Incompatible forestry practices Mining practices  # Occurrence  Suite  871.4 acres Map Location: M1  Primary Threats  Fire suppression Residential development  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets  El. Code Scientific Nai PDLAM1100 Cimicifiuga rubifi PDRAN080. Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Nai AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets  El. Code Scientific Nai AAAAD0101 Aneides aeneus AAAAD101 Aneides aeneus AAAAD1231 Plethodon petra CEGL00513 Quercus muehle CEGR03101 Oak Ponds	servation Subregions NRV 100.0%  me torrei folia litatum stata la  Forest Subregions CM 100.0%  me welteri  sains Subregions SCP 51.4% SRV 48.6%  me servation servati	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lo Oak Ponds	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets El. Code Scientific Na PDLAM1100 Pycnanthemum PDRAN0706 Cimicifuga rubif PDRAN080 Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets El. Code Scientific Na AAAAD1031 Aneides aeneus AAAAD1231 Plethodon petra CEGL00513 Quercus muehle CEGL00513 Quercus muehle	servation Subregions NRV 100.0%  me torrei olia litatum ata la la  Forest Subregions CM 100.0%  me welteri  sins Subregions SCP 51.4% SRV 48.6% SRV 48.6%  me sieus enbergii - Juniperus virginiana / Suppsidis	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lot	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets  El. Code Scientific Nai PDLAMINO Pycnanthemum PDRAN0706 Cimicifiuga rubifi PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets  El. Code Scientific Nai AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets  El. Code Scientific Nai AAAAD1231 Piethodon petra CEGL00513 Quercus muehls CEGR03010 Oak Ponds PDAST8507 Rudbeckia helic	me torrei latatum subregions NRV 100.0%  me torrei lolia latatum stata la  la  Forest Subregions CM 100.0%  me welteri  subregions SCP 51.4% SRV 48.6%  me seus enbergii - Juniperus virginiana / Sepsidis eatum	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lo Oak Ponds Sun-facing Coneflower	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Occurrence  # Suite ,871.4 acres Map Location: M1 Primary Threats Fire suppression Residential development  # Occurrence  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets El. Code Scientific Na: PDLAM1100 Pycnanthemun PDRAN0106 Cimicifiug nub PDRAN080. Delphinium exa PDSCR0113 Agalinis auricula PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na: AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets El. Code Scientific Na: AAAAD1010 Aneides aeneus AAAAD1231 Plethodon petra CEGL00513 Quercus muehlo CEGR03101 Oak Ponds PDAST8507 Rudbeckia helic CEGR03101 Oak Ponds PDCPR0703 Viburnum bracte PDCPR0709 Sabatia capitate PDROS0H5 Crataegus triflor	me tornei olia llatum ala le Forest Subregions  [CM 100.0%]  me welteri  sains Subregions  [CP 51.4%] SRV 48.6%]  me serusesenbergii - Juniperus virginiana / Supsidis eautum ala latum al	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status  3 35,116.7 ac. 61.4%  4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status  3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status  3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lc Oak Ponds Sun-facing Coneflower Limerock Arrowwood Rose Gentian Three-flowered Hawthom	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E Primary Threats Incompatible forestry practices Mining practices  # Occurrence  # Occurrence  # Occurrence  # Suite ,871.4 acres Map Location: M1 Primary Threats Fire suppression Residential development  # Occurrence  # Occurrence
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets EI. Code Scientific Nai PDLAM1100 Pycnanthemum PDRAN0706 Cimicifigu nubifi PDRAN080J Delphinium exa PDSCR0504 Aureolaria patul XXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets EI. Code Scientific Nai AAAAD0309 Desmognathus XXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets EI. Code Scientific Nai AAAAD1010 Aneides aeneus AAAAD1011 Aneides aeneus AAAAD1031 Plethodon petra CEGL00513 Quercus muehla CEGR03101 Oak Ponds PDCR01070 Viburrum brack PDCPR0703 Viburrum brack PDCPR0703 Viburrum brack PDCPR0703 Valurum brack PDCPR0703 Sabatia capitats PDROS0451 Neviusia alaban PDROS1401 Neviusia alaban	servation Subregions NRV 100.0%  me torrei olia litatum ata la  Forest Subregions CM 100.0%  me welteri  sains Subregions SCP 51.4% SRV 48.6% SRV 48.6%  me seus enbergii - Juniperus virginiana / S apsidis eautum a a a a a a a a a a a a a a a a a a a	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak Site: No Total Area: 57 GAP Management Status 3 35,116.7 ac. 61.4% 4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird Site: No Total Area: 28 GAP Management Status 3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird Site: Yes Total Area: 48 GAP Management Status 3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lo Oak Ponds Sun-facing Coneflower Limerock Arrowwood Rose Gentian Three-flowered Hawthorn Alabama Snow-wreath	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  # Occurrence  Suite
PDFAG052F Quercus boynto  M48 - Oak Ridge Re: States Tennessee 100.0%  Viable Targets El. Code Scientific Na: PDLAM1N0 Pycnanthemun PDRAN0106 Cimicifuga rubif PDRAN080. Delphinium exa PDSCR0113 Agalinis auricula PDSCR0504 Aureolaria patul XXXXXX0000 N/A  M49 - Panther State States West Virginia 68.5% Virginia 31.5%  Viable Targets El. Code Scientific Na: AAAAD0309 Desmognathus XXXXXX0000 N/A  M50 - Pigeon Mount States Georgia 100.0%  Viable Targets El. Code Scientific Na: AAAAD1010 Aneides aeneus AAAAD1231 Plethodon petra CEGL00513 Quercus muehle CEGR03101 Oak Ponds PDAS18507 Rudbeckia helic CEGR03101 Oak Ponds PDCPR0703 Viburnum bracte PDCPR0703 Viburnum bracte PDCPR0709 Sabatia capitate PDROS0H5 Crataegus triflor	servation Subregions NRV 100.0%  me torrei olia litatum ata la  Forest Subregions CM 100.0%  me welteri  sains Subregions SCP 51.4% SRV 48.6% SRV 48.6%  me seus enbergii - Juniperus virginiana / S apsidis eautum a a a a a a a a a a a a a a a a a a a	Total Pop.         9,883           Pop./Sq. Mi.         111           Census 2000           Total Pop.         1,258           Pop./Sq. Mi.         28             Census 2000           Total Pop.         1,931           Pop./Sq. Mi.         25	Land Use/Lai Natural Water Agriculture Developed  CA Type: Matrix Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Agriculture Developed Water	Add Cover (1992) 45,746.1 ac. 4,479.4 ac. 3,944.0 ac. 2,997.0 ac.  Landscape ad Cover (1992) 27,860.7 ac. 289.0 ac. 103.7 ac. 51.9 ac.  Landscape ad Cover (1992) 43,073.6 ac. 5,526.2 ac. 227.2 ac. 44.4 ac.	Section   Sect	Indiana or Social Myotis Boynton's Sand Post Oak  Site: No Total Area: 57  GAP Management Status  3 35,116.7 ac. 61.4%  4 1,099.8 ac. 1.9%  Common Name Torrey's Mountain Mint Appalachian Bugbane Tall Larkspur Earleaf Foxglove Spreading False-foxglove Neo-tropical Migratory Bird  Site: No Total Area: 28  GAP Management Status  3 7,229.6 ac. 25.5%  Common Name Black Mountain Salamande Neo-tropical Migratory Bird  Site: Yes Total Area: 48  GAP Management Status  3 16,756.5 ac. 34.3%  Common Name Green Salamander Pigeon Mountain Salamande Appalachian and Interior Lc Oak Ponds Sun-facing Coneflower Limerock Arrowwood Rose Gentian Three-flowered Hawthom	Primary Threats  Fire suppression Industrial/municipal pollution Residential development  # Occurrence  Suite ,305.3 acres Map Location: E: Primary Threats Incompatible forestry practices Mining practices  # Occurrence  Suite ,871.4 acres Map Location: M1: Primary Threats  Fire suppression Residential development  # Occurrence

	e Mountair	Ridge East				CA Type: Matrix			Site: Yes Total Ar		•	ocation: E
States		Subregions		Census 2000			nd Cover (1992		GAP Managemer		Primary Threats	
/irginia	62.2%	CM	100.0%	Total Pop.	3,669	Natural	37,583.9 ac.	98.0%	3 11,101.7 ac.	29.0%	Fire suppression	
Kentucky	37.8%			Pop./Sq. Mi.	61	Developed	333.6 ac.	0.9%			Incompatible forestry p	oractices
Cable T-						Agriculture Water	257.0 ac. 165.5 ac.	0.7% 0.4%				
/iable Targ						vvaler	105.5 ac.	0.4%				
El. Code	Scientific Nar								Common Na			Occurrence
				ta / Vaccinium pallio	lum / Pityop	sis graminifolia var.	latifolia Woodland		Shortleaf Pine			
		Rocky Riverbed H		getation							bed Herbaceous Vegetation	
		astern Dry-mesic									nesic Oak Forests	
XXXXXX0000		ndstone Glades ar	na Barrens						Appaiachian Si Neo-tropical M		des and Barrens	
	e Mountair	Ridge Wes				CA Type: Matrix	-		Site: Yes Total Ar			ocation: F
States	100.00/	Subregions		Census 2000	0.500		nd Cover (1992		GAP Managemer		Primary Threats	
Kentucky	100.0%	CM	99.0%	Total Pop.	8,592 79	Natural	68,577.0 ac.	98.7% 0.7%	3 8,338.6 ac.	12.0%	Fire suppression	. raatiaaa
		NCP	1.0%	Pop./Sq. Mi.	79	Agriculture	467.3 ac. 425.3 ac.	0.6%	2 724.0 ac. 1 526.5 ac.	1.0%	Incompatible forestry p	ractices
Viable Terr						Developed Water	425.3 ac. 42.0 ac.	0.6%	1 526.5 ac.	0.8%		
Viable Targ						vvalei	42.0 ac.	0.170				_
El. Code	Scientific Nar								Common Na		#	Occurrence
	Sorex dispar blit	спі							Long-tailed or I			
	Myotis sodalis								Indiana or Soci			
	Clethrionomys g		onarium Anno	lachian Woodland					Kentucky Red- Shortleaf Pine		em Appalachian Woodland	
				iacriiari vvoodiarid effusus - (Carex crina	ata Carevi	ntumescens Snhan	num enn l Cumborl	ands Mount				
	Eastern Dry-me:		riua - Julicus e	musus - (Udiex Ullia	na, calek l	numescens, spridy	пат эрр.) Ситвен	anus WUUIIll	Eastern Dry-me			
	Xeric Oak-Pine								Xeric Oak-Pine		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	N/A	0.000							Neo-tropical M		Suite	
						CA Type: Matrix	Landscape	Action	Site: Yes Total Ar			ocation: F
M53 - Pin States	iiiacie	Subregions		Census 2000			nd Cover (1992		GAP Managemer		Primary Threats	Joanoll. F
Virginia	100.0%	NRV	98.2%	Total Pop.	1,777	Natural	20,413.5 ac.	76.0%	OAI Managemen	it Otatus	Agricultural practices	
viigiilia	100.070	CM	1.8%	Pop./Sq. Mi.	42	Agriculture	6,307.9 ac.	23.5%			Incompatible forestry p	oractices
		OW	1.070	r op.roq. wii.	72	Water	116.1 ac.	0.4%			moompatible forestry p	Jidolloco
Viable Targ	iets					Developed	27.2 ac.	0.1%				
El. Code	Scientific Nar	me							Common Na	ıme	#	Occurrence
		astern Dry-mesic	Oak Foracts								nesic Oak Forests	Occurrence
		astern Dry-mesic	Odk FUIESIS							Easteili Diy-i	HESIC Oak FUIESIS	
CLGINO4013	Southoactorn In	torior Alkalina Clif	fc							ntorior Alkalin		
CEGR04501		terior Alkaline Clift ve (Mixed Mesont							Southeastern I		e Cliffs	
-	Appalachian Co	ve (Mixed Mesoph							Southeastern I Appalachian C	ove (Mixed M		
CEGR04601		ve (Mixed Mesoph Forests							Southeastern I	ove (Mixed M Forests	e Cliffs	
CEGR04601 PDCEL0A01	Appalachian Co Xeric Oak-Pine Paxistima canby	ve (Mixed Mesoph Forests ri				CA Type: Matrix	Landscape	Action	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests	ocation: H
CEGR04601 PDCEL0A01 M54 - Pov	Appalachian Co Xeric Oak-Pine	ve (Mixed Mesoph Forests ri	hytic) Forests	Census 2000	(	CA Type: Matrix Land Use/La			Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests  058.7 acres Map Lo	ocation: H
CEGR04601 PDCEL0A01	Appalachian Co Xeric Oak-Pine Paxistima canby	ve (Mixed Mesoph Forests ri	hytic) Forests	Census 2000 Total Pop.			Landscape nd Cover (1992 28,768.3 ac.		Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests  058.7 acres Map Le Primary Threats	
CEGR04601 PDCEL0A01 M54 - Pov States	Appalachian Co Xeric Oak-Pine Paxistima canby	ve (Mixed Mesoph Forests ii ain Subregions	hytic) Forests		1,029	Land Use/La	nd Cover (1992	NLCD)	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests  058.7 acres Map Lo	
CEGR04601 PDCEL0A01 M54 - Pov States	Appalachian Co Xeric Oak-Pine Paxistima canby	ve (Mixed Mesoph Forests ii ain Subregions	hytic) Forests	Total Pop.	1,029	Land Use/La	nd Cover (1992 28,768.3 ac.	NLCD) 89.7%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p	
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee	Appalachian Co Xeric Oak-Pine in Paxistima canby well Mount: 100.0%	ve (Mixed Mesoph Forests ii ain Subregions	hytic) Forests	Total Pop.	1,029	Land Use/La Natural Agriculture	28,768.3 ac. 3,255.8 ac.	NLCD) 89.7% 10.2%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar	ove (Mixed M Forests ain-lover	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p	
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ	Appalachian Co Xeric Oak-Pine I Paxistima canby well Mount: 100.0%	ve (Mixed Mesoph Forests vi ain Subregions NRV	hytic) Forests	Total Pop.	1,029	Land Use/La Natural Agriculture Developed	28,768.3 ac. 3,255.8 ac. 32.1 ac.	89.7% 10.2% 0.1%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemen	ove (Mixed M Forests ain-lover rea: 32, nt Status	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices	oractices
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ	Appalachian Co Xeric Oak-Pine i Paxistima canby well Mount: 100.0%  jets Scientific Nar	ve (Mixed Mesoph Forests ri ain Subregions NRV	hytic) Forests	Total Pop.	1,029	Land Use/La Natural Agriculture Developed	28,768.3 ac. 3,255.8 ac. 32.1 ac.	89.7% 10.2% 0.1%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemen	ove (Mixed M Forests ain-lover rea: 32, nt Status	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices	oractices
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade	ve (Mixed Mesoph Forests ii ain Subregions NRV	hytic) Forests	Total Pop.	1,029	Land Use/La Natural Agriculture Developed Water	28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.	89.7% 10.2% 0.1% 0.0%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemen  Common Na American Barb	ove (Mixed M Forests ain-lover rea: 32, nt Status	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices	oractices  Occurrence
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ El. Code PDBER0201 M55 - Pov	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade	ve (Mixed Mesoph Forests in ain Subregions NRV	hytic) Forests	Total Pop. Pop./Sq. Mi.	1,029	Land Use/La Natural Agriculture Developed Water	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.	89.7% 10.2% 0.1% 0.0%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemen  Common Na American Barb Site: No Total Ar	ove (Mixed M Forests ain-lover rea: 32, nt Status	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo	oractices  Occurrence
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ El. Code PDBER0201 M55 - Pov States	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount: 100.0%  Jets Scientific Nan Berberis canade well River/	we (Mixed Mesoph Forests ir ain Subregions NRV me me msis Norris Lake Subregions	hytic) Forests  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000	1,029	Land Use/La  Natural Agriculture Developed Water  CA Type: Matrix Land Use/La	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992	89.7% 10.2% 0.1% 0.0% Action NLCD)	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer	ove (Mixed M Forests ain-lover rea: 32, nt Status  ame erry rea: 165, nt Status	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats	oractices  Occurrence
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ El. Code PDBER0201 M55 - Pov	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade	ve (Mixed Mesoph Forests in ain Subregions NRV	hytic) Forests	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	1,029 21 9,694	Land Use/La  Natural Agriculture Developed Water  CA Type: Matrix Land Use/La  Natural	28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape and Cover (1992 130,277.6 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac.	ove (Mixed M Forests ain-lover rea: 32, nt Status  me erry rea: 165, nt Status  20.4%	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry g Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices	oractices  Occurrence
CEGR04601 PDCEL0A01 M54 - Pov States Tennessee Viable Targ El. Code PDBER0201 M55 - Pov States	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount: 100.0%  Jets Scientific Nan Berberis canade well River/	we (Mixed Mesoph Forests ir ain Subregions NRV me me msis Norris Lake Subregions	hytic) Forests  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000	1,029	Land Use/La  Natural Agriculture Developed Water  CA Type: Matrix Land Use/La  Natural Water	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac.	NLCD) 89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac.	ove (Mixed M Forests ain-lover rea: 32, nt Status  rea: 165, nt Status  20.4% 1.6%	e Cliffs esophytic) Forests  058.7 acres Map Le Primary Threats Incompatible forestry of Mining practices  #  890.4 acres Map Le Primary Threats Agricultural practices Mining practices	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  jets Scientific Nan Berberis canade well River/	we (Mixed Mesoph Forests ir ain Subregions NRV me me msis Norris Lake Subregions	hytic) Forests  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	1,029 21 9,694	Land Use/La  Natural Agriculture Developed Water  CA Type: Matrix Land Use/La  Natural	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac.	ove (Mixed M Forests ain-lover rea: 32, nt Status  me erry rea: 165, nt Status  20.4%	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry g Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  jets Scientific Nar Berberis canade well River/  100.0%	ve (Mixed Mesoph Forests in ain Subregions NRV	hytic) Forests  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	1,029 21 9,694	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac.	NLCD) 89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8%	Southeastern	ove (Mixed M Forests ain-lover rea: 32, nt Status  meerry rea: 165, nt Status  20.4% 1.6% 0.1%	e Cliffs esophytic) Forests  D58.7 acres Map Lc Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Lc Primary Threats Agricultural practices Mining practices Residential development	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee Viable Targe El. Code Code Code Code Code Code Code Code	Appalachian Co Xeric Oak-Pine I Paxistima canby well Mount: 100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Jets Scientific Nan Scientific Nan Scientific Nan Scientific Nan Scientific Nan Scientific Nan	we (Mixed Mesoph Forests ir  ain  Subregions  NRV  me  me  subregions  NRV  Morris Lake  Subregions  NRV	100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer 3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac. Common Na	ove (Mixed M Forests ain-lover rea: 32, nt Status reery rea: 165, nt Status 20.4% 1.6% 0.1%	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme	Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee Viable Targ El. Code PDBER0201 M55 - POX States Tennessee Viable Targ El. Code	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/  100.0%  Jets Scientific Nan Carex leptalea -	we (Mixed Mesoph Forests ii ain Subregions NRV  me sinsis Norris Lake Subregions NRV	100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	1,029 21 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Barb	ove (Mixed M Forests ain-lover rea: 32, nt Status  20.4% 1.6% 0.1%  ime ogs, Fens, an	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  #  d Seeps	Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee Viable Targ El. Code PDBER0201 M55 - POX States Tennessee Viable Targ El. Code CEGL00494 CEGR03901	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Jets Scientific Nan Carex leptalea - Circumneutral E	we (Mixed Mesoph Forests in increase in in	100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Barb Circumneutral	ove (Mixed M Forests ain-lover rea: 32, nt Status  ime erry rea: 165, tt Status  20.4% 1.6% 0.1%  ime ogs, Fens, an Eastern Dry-r	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  jets Scientific Nar Berberis canade well River/  100.0%  jets Scientific Nar Carex leptalea - Circumneutral E Northem White-	we (Mixed Mesoph Forests in ain Subregions NRV Norris Lake Subregions NRV Nerris Lake Subregions NRV Parnassia grandil astem Dry-mesic cedar Fens	100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Ba Circumneutral Northern White	ove (Mixed M i Forests ain-lover rea: 32, nt Status  20.4% 1.6% 0.1%  Imme ogg, Fens, an Eastern Dry-r -cedar Fens	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  #  d Seeps	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee Viable Targ El. Code CEGL00494 CEGR03901 CEGR03901 CEGR03910 PDAST8L0K	Appalachian Co Xeric Oak-Pine I. Paxistima canby well Mount: 100.0%  Scientific Nan Berberis canade well River/ 100.0%  Scientific Nan Carex leptalea - Circumneutral E. Northern White- Silphium wasiote	we (Mixed Mesoph Forests vi a main Subregions NRV	100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac. Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.	89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosi	ove (Mixed M Forests ain-lover rea: 32, nt Status 165, nt Status 20.4% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  #  d Seeps	Occurrence
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CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR03901 CEGR03705 PDRAN0706 PDSAX0P06 XXXXXX0000	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Jets Scientific Nan Carex leptalea- Circumneutral E Northern White- Silphium wasiot Cimicifuga rubift Parnassia grand N/A	we (Mixed Mesoph Forests ri ain Subregions NRV Nerris Lake Subregions NRV NRV Parnassia grandii astem Dry-mesic cedar Fens ense oblia	100.0% 100.0% 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac. ceous Vegetation	NLCD) 89.7% 10.2% 0.1% 0.0% Action NLCD) 78.5% 10.8% 9.4% 1.3%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M	ove (Mixed M Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  058.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  #890.4 acres Map Le Primary Threats Agricultural practices Mining practices Residential developme  # d Seeps nesic Oak Forests  assus Suite	ocation: H10
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0K PDBRAN0706 PDSAX0P06 PDSAX0P06 XXXXX0000 M56 - R. I	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Jets Scientific Nan Carex leptalea- Circumneutral E Northern White- Silphium wasiot Cimicifuga rubift Parnassia grand N/A	we (Mixed Mesoph Forests in the control of the cont	nytic) Forests  100.0%  100.0%  folia - Juncus o Oak Forests	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  de and Valley Herbai  CA Type: Matrix	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.  ceous Vegetation	NLCD    89.7%   10.2%   0.1%   0.0%   Action   NLCD    78.5%   10.8%   9.4%   1.3%   Action	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer 3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M Site: No Total Ar	ove (Mixed M I Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry of Mining practices  #890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential development  # d Seeps nesic Oak Forests  assus Suite 156.2 acres Map Lo	Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee  Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0K PDRAN0706 XXXXX0000 M56 - R. I States	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nar Berberis canade well River/  100.0%  Jets Scientific Nar Carex leptalea - Circumneutral E Northern White- Silphium wasiot Cimicifuga rubife Parnassia grand N/A  D. Bailley	we (Mixed Mesoph Forests in ain Subregions NRV  me Subregions NRV  me Parnassia grandil astern Dry-mesic cedar Fens ense ense ense ense ense subregions Subregions Subregions Subregions Subregions Subregions Subregions Subregions	nytic) Forests  100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  coriaceus - Solidago  Census 2000	1,029 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  We and Valley Herbai  CA Type: Matrix Land Use/Lai	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.  ceous Vegetation  Landscape nd Cover (1992	NLCD) 89.7% 10.2% 0.1% 0.0%  Action NLCD) 78.5% 10.8% 9.4% 1.3%  Action NLCD)	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer	ove (Mixed M Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  Suite  156.2 acres Map Lo Primary Threats	Occurrence  ocation: H10  ent  Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee Viable Targ El. Code PDBER0201 M55 - POX States Tennessee Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0K PDRAN0706 XXXXX0000 M56 - R. I States	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nar Berberis canade well River/  100.0%  Jets Scientific Nar Carex leptalea - Circumneutral E Northern White- Silphium wasiot Cimicifuga rubife Parnassia grand N/A  D. Bailley	we (Mixed Mesoph Forests in the control of the cont	nytic) Forests  100.0%  100.0%  folia - Juncus o Oak Forests	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  coriaceus - Solidago  Census 2000 Total Pop.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  we and Valley Herbai  CA Type: Matrix Land Use/Lai Natural	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.  Landscape nd Cover (1992 38,150.7 ac.	NLCD) 89.7% 10.2% 0.1% 0.0%  Action NLCD) 78.5% 10.8% 1.3%  Action NLCD) 95.0%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer 3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M Site: No Total Ar	ove (Mixed M I Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  058.7 acres Map Lo Primary Threats Incompatible forestry of Mining practices  #890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential development  # d Seeps nesic Oak Forests  assus Suite 156.2 acres Map Lo	Occurrence  ocation: H10  ent  Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee Viable Targ El. Code PDBER0201 M55 - POX States Tennessee Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0K PDRAN0706 XXXXX0000 M56 - R. I States	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nar Berberis canade well River/  100.0%  Jets Scientific Nar Carex leptalea - Circumneutral E Northern White- Silphium wasiot Cimicifuga rubife Parnassia grand N/A  D. Bailley	we (Mixed Mesoph Forests in ain Subregions NRV  me Subregions NRV  me Parnassia grandil astern Dry-mesic cedar Fens ense ense ense ense ense subregions Subregions Subregions Subregions Subregions Subregions Subregions Subregions	nytic) Forests  100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  coriaceus - Solidago  Census 2000	1,029 21 9,694 37	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed we and Valley Herbai CA Type: Matrix Land Use/Lai Natural Water	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac. ceous Vegetation  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac.	NLCD) 89.7% 10.2% 0.1% 0.0%  Action NLCD) 78.5% 10.8% 1.3%  Action NLCD) 95.0% 1.9%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer	ove (Mixed M Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  Suite  156.2 acres Map Lo Primary Threats	Occurrence  ocation: H10  ent  Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee  Viable Targ El. Code PDBER0201 M55 - Pox States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR03901 CEGR03901 CEGR03901 CEGR03901 STATES CEGR03901 C	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Scientific Nan Carex leptalea - Circumneutral E Northern White- Silphium wasiot Cimicifuga rubif Parnassia granc N/A  D. Bailey  ia 100.0%	we (Mixed Mesoph Forests in ain Subregions NRV  me Subregions NRV  me Parnassia grandil astern Dry-mesic cedar Fens ense ense ense ense ense subregions Subregions Subregions Subregions Subregions Subregions Subregions Subregions	nytic) Forests  100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  coriaceus - Solidago  Census 2000 Total Pop.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  Water  CA Type: Matrix Land Use/Lai Natural Water Land Use/Lai Natural Water Developed	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac. ceous Vegetation  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac.	NLCD) 89.7% 10.2% 0.1% 0.0%  Action NLCD) 78.5% 10.8% 9.4% 1.3%  Action NLCD)  Action NLCD) 1.7%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Br Circumneutral Northern White Kentucky Rosin Appalachian Br Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer	ove (Mixed M Forests ain-lover rea: 32, nt Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  Suite  156.2 acres Map Lo Primary Threats	Occurrence  ocation: H1  ent  Occurrence
CEGR04601 PDCEL0A01 M54 - Pox States Tennessee L. Code PDBER0201 M55 - Pox States Tennessee L. Code PDBER0201 M55 - Pox States Tennessee L. Code CEGL00494 CEGR03901 CEGR03901 CEGR04705 PDAST8L0K PDRAN0706 PDSAX0P06 XXXXX0000 M56 - R. I States West Virgini	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Scientific Nan Berberis canade well River/  100.0%  Scientific Nan Carex leptalea - Circumeutral E Northem White- Parnassia grand N/A  D. Bailey  ia 100.0%	we (Mixed Mesoph Forests in ain Subregions NRV Norris Lake Subregions NRV Norris Lake Subregions NRV Nerris Lake Subregions NRV	nytic) Forests  100.0%  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  coriaceus - Solidago  Census 2000 Total Pop.	1,029 21 9,694 37 patula Ridg	Land Use/La  Natural Agriculture Developed Water  CA Type: Matrix Land Use/La  Natural Water Developed  Le and Valley Herba  CA Type: Matrix  Land Use/La  Natural Water Land Use/La  Natural Water Developed Agriculture	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac.  ceous Vegetation  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac. 558.2 ac.	NLCD    89.7%   10.2%   0.1%   0.0%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer 3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Barb Circumneutral Northern White Kentucky Rosis Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer 3 21,832.2 ac.	ove (Mixed M is Forests ain-lover reas: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Le Primary Threats Agricultural practices Mining practices Residential developme  #  d Seeps nesic Oak Forests  assus Suite Primary Threats Incompatible forestry p	ocation: H1
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0k PDRAN0706 PDSAX0P06 XXXXX0000 M56 - R. I States West Virgini Viable Targ	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Jets Scientific Nan Berberis canade well River/ 100.0%  Scientific Nan Carex leptalea - Circumneutral E Northern White- Silphium wasiot Cimicifuga rubif Parnassia granc N/A  D. Bailey  ia 100.0%	we (Mixed Mesoph Forests in ain Subregions NRV	folia - Juncus of Oak Forests  100.0%	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Land Use/Lai Natural Water Developed Agriculture CA Type: Matrix	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac. ceous Vegetation  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac. 558.2 ac.  Landscape	NLCD) 89.7% 10.2% 0.1% 0.0%  Action NLCD) 78.5% 10.8% 9.4%  1.3%  Action NLCD) 1.3%  Action NLCD) 4.4%  Action Action NLCD 4.4% Action	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Bi Circumneutral Northern White Kentucky Rosii Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer  3 21,832.2 ac.	ove (Mixed M Forests ain-lover rea: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  #  890.4 acres Map Le Primary Threats Agricultural practices Mining practices Residential developme  #  d Seeps nesic Oak Forests  assus Suite 156.2 acres Map Le Primary Threats Incompatible forestry p  387.7 acres Map Le	ocation: H1
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDASAT8L0K PDBRAN0706 PDSAX0906 XXXXX0000 M56 - R. I States  West Virgini Viable Targ	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Scientific Nar Berberis canade well River/ 100.0%  Scientific Nar Carex leptalea - Circumneutral E Northern White- Silphium wasiout Cimicifuga rubife Parnassia grand N/A  D. Bailey  Jets  CCOON Creel	we (Mixed Mesoph Forests in the control of the cont	folia - Juncus o Oak Forests	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Developed Agriculture CA Type: Matrix Land Use/Lai Natural Water Developed Agriculture CA Type: Matrix Land Use/Lai	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 15,540.3 ac. 2,096.9 ac.  ceous Vegetation  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 778.0 ac. 558.2 ac.	NLCD    89.7%   10.2%   0.1%   0.0%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer 3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Barb Circumneutral Northern White Kentucky Rosis Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer 3 21,832.2 ac.	ove (Mixed M Forests ain-lover rea: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Le Primary Threats Agricultural practices Residential developme  ##  d Seeps nesic Oak Forests  ##  ##  ##  ##  ##  ##  ##  ##  ##	Occurrence  Occurrence  Occurrence  Occurrence  Occurrence  Occurrence  Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAST8L0K PDBRAN0706 PDSAX0906 XXXXX0000 M56 - R. I States  West Virgini Viable Targ	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Scientific Nan Berberis canade well River/  100.0%  Scientific Nan Carex leptalea - Circumeutral E Northem White- Parnassia grand N/A  D. Bailey  ia 100.0%	we (Mixed Mesoph Forests in ain Subregions NRV	folia - Juncus of Oak Forests  100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census - Solidago  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  Mater Agriculture Developed  Matrix Land Use/Lai Natural Water Developed  Natural Water CA Type: Matrix Land Use/Lai Natural Water Developed Agriculture  CA Type: Matrix Land Use/Lai Natural	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 15,540.3 ac. 2,096.9 ac.  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac.  Landscape nd Cover (1992 13,599.9 ac.	NLCD  89.7% 10.2% 0.1% 0.0%   Action NLCD  78.5% 10.8% 1.3%   Action NLCD  95.0% 1.9% 1.7% 1.4%   Action NLCD	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Bi Circumneutral Northern White Kentucky Rosii Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer  3 21,832.2 ac.	ove (Mixed M Forests ain-lover rea: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Le Primary Threats Agricultural practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  258.2 acres Map Le Primary Threats Incompatible forestry p  387.7 acres Map Le Primary Threats Incompatible forestry p	Occurrence  Occurrence  Occurrence  Occurrence  Occurrence  Occurrence  Occurrence
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDAS18L0K PDRAN0706 PDSAX0P06 XXXXX0000 M56 - R. I States West Virgini Viable Targ	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Scientific Nar Berberis canade well River/ 100.0%  Scientific Nar Carex leptalea - Circumneutral E Northern White- Silphium wasiout Cimicifuga rubife Parnassia grand N/A  D. Bailey  Jets  CCOON Creel	we (Mixed Mesoph Forests in the control of the cont	folia - Juncus o Oak Forests	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Developed  Matural Water Developed  Matural Water Land Use/Lai Natural Water Developed  CA Type: Matrix Land Use/Lai Natural Water Developed Agriculture CA Type: Matrix Land Use/Lai Natural Natural Natural Agriculture	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 17,975.6 ac. 2,096.9 ac. 2,096.9 ac.  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac. 558.2 ac. Landscape nd Cover (1992 13,599.9 ac. 2,072.9 ac.	NLCD  89.7% 10.2% 0.1% 0.0%   Action NLCD  78.5% 10.8% 1.3%   1.3%   Action NLCD  95.0% 1.9% 1.7% 1.4%   Action NLCD  83.0% 12.6%	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Bi Circumneutral Northern White Kentucky Rosii Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer  3 21,832.2 ac.	ove (Mixed M Forests ain-lover rea: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Lo Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Lo Primary Threats Agricultural practices Mining practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  assus Suite  156.2 acres Map Lo Primary Threats Incompatible forestry p Mining practices Incompatible forestry p Mining practices	oractices  Occurrence  Detail oraction: H10  Detail oraction: Detail oractices  Detail oractices  Detail oractices
CEGR04601 PDCEL0A01 M54 - POX States Tennessee  Viable Targ El. Code PDBER0201 M55 - POX States Tennessee  Viable Targ El. Code CEGL00494 CEGR03901 CEGR04705 PDASAT8L0K PDBRAN0706 PDSAX0906 XXXXX0000 M56 - R. I States  West Virgini Viable Targ	Appalachian Co Xeric Oak-Pine Paxistima canby well Mount:  100.0%  Scientific Nan Berberis canade well River/  100.0%  Scientific Nar Carex leptalea - Circumeutral E Northem White- Parnassia granc N/A  D. Bailey  ia 100.0%  jets  Cocoon Creel	we (Mixed Mesoph Forests in the control of the cont	folia - Juncus o Oak Forests	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census - Solidago  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	1,029 21 9,694 37 patula Ridg	Land Use/Lai Natural Agriculture Developed Water  CA Type: Matrix Land Use/Lai Natural Water Agriculture Developed  Mater Agriculture Developed  Matrix Land Use/Lai Natural Water Developed  Natural Water CA Type: Matrix Land Use/Lai Natural Water Developed Agriculture  CA Type: Matrix Land Use/Lai Natural	nd Cover (1992 28,768.3 ac. 3,255.8 ac. 32.1 ac. 2.5 ac.  Landscape nd Cover (1992 130,277.6 ac. 15,540.3 ac. 2,096.9 ac.  Landscape nd Cover (1992 38,150.7 ac. 778.0 ac. 669.3 ac.  Landscape nd Cover (1992 13,599.9 ac.	NLCD  89.7% 10.2% 0.1% 0.0%   Action NLCD  78.5% 10.8% 1.3%   Action NLCD  95.0% 1.9% 1.7% 1.4%   Action NLCD	Southeastern I Appalachian C Xeric Oak-Pine Canby's Mount Site: No Total Ar GAP Managemer  Common Na American Barb Site: No Total Ar GAP Managemer  3 33,832.7 ac. 4 2,631.3 ac. 2 169.8 ac.  Common Na Appalachian Bi Circumneutral Northern White Kentucky Rosii Appalachian Bi Large-leaved C Neo-tropical M Site: No Total Ar GAP Managemer  3 21,832.2 ac.	ove (Mixed M Forests ain-lover rea: 32, at Status 20.4% 1.6% 0.1% 1.6% 0.1% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1.6% 1	e Cliffs esophytic) Forests  258.7 acres Map Le Primary Threats Incompatible forestry p Mining practices  ##  890.4 acres Map Le Primary Threats Agricultural practices Mining practices Residential developme  ##  d Seeps nesic Oak Forests  258.2 acres Map Le Primary Threats Incompatible forestry p  387.7 acres Map Le Primary Threats Incompatible forestry p	oractices  Occurrence  Detail oraction: H10  Detail oraction: Detail oractices  Detail oractices  Detail oractices

States Kentucky	in Polly Gap			CA Type: Matrix Landscape	ACTION	Site: No Total Area: 26,	244.5 acres Map Location: F
Kontucky		Subregions	Census 2000	Land Use/Land Cover (		GAP Management Status	Primary Threats
	55.8%	CM 100.09	- I			2 4,722.1 ac. 18.0%	
/irginia	44.2%		Pop./Sq. Mi. 51			3 2,454.9 ac. 9.4%	
				Developed 284.1		1 1,786.6 ac. 6.8%	
iable Targ	gets			Water 153.1	ac. 0.6%		
I. Code	Scientific Nar	ne				Common Name	# Occurrence
MABA0121	Sorex dispar blit	chi				Long-tailed or Rock Shrew	
MACC0110	Myotis sodalis					Indiana or Social Myotis	
MAFF0902	Clethrionomys g	apperi maurus				Kentucky Red-backed Vole	
EGR03901	Eastern Dry-mes	sic Oak Forests				Eastern Dry-mesic Oak For	ests
EGR04401	Appalachian Oal	k Forests				Appalachian Oak Forests	
CEGR04601	Xeric Oak-Pine I	orests				Xeric Oak-Pine Forests	
EGR04704	Appalachian Bog	gs, Fens, and Seeps				Appalachian Bogs, Fens, ar	nd Seeps
	d River Gor			CA Type: Matrix Landscape	Action		310.8 acres Map Location:
states	d Kiver Cory	Subregions	Census 2000	Land Use/Land Cover (		GAP Management Status	Primary Threats
Kentucky	100.0%	NCP 69.79		1 <u> </u>		3 47,851.1 ac. 52.4%	Fire suppression
Cindony	100.070	NCP - BUFF 29.9%				2 581.1 ac. 0.6%	Residential development
		OUT 0.49		Developed 286.6		1 392.2 ac. 0.4%	residential development
fiable Tex		001 0.47	0	Water 54.4		1 392.2 ac. 0.4 %	
/iable Taro				vvatei 34.4	ac. 0.176		
I. Code	Scientific Nar					Common Name	# Occurrence
MACC0801		wnsendii virginianus				Virginia Big-eared Bat	
CEGR03801	Southeastern Flo	oodplain Forests Mixed H	ardwood Bottomland Forests			Southeastern Floodplain Fo	rests Mixed Hardwood Bottomland For
CEGR03901	Eastern Dry-mes	sic Oak Forests				Eastern Dry-mesic Oak For	ests
EGR04001	Eastern Mesic H	ardwood Forests				Eastern Mesic Hardwood Fo	
EGR04501	Appalachian Co	ve (Mixed Mesophytic) Fore	sts			Appalachian Cove (Mixed N	Mesophytic) Forests
EGR04502	Upland Eastern	Hemlock Forests				Upland Eastern Hemlock Fo	prests
EGR04601	Xeric Oak-Pine I	orests				Xeric Oak-Pine Forests	
DAST8P01	Solidago albopilo	osa				White-haired Goldenrod	
PDMON040	Monotropsis odd	rata				Sweet Pinesap	
460 - Po	binson Fore	st Area		CA Type: Matrix Landscape	Action	Site: No Total Area: 330,	184.6 acres Map Location:
tates	יוטאווטטוו ווטפוווטע	Subregions	Census 2000	Land Use/Land Cover (		GAP Management Status	Primary Threats
	100.00/			1 <u> </u>			Incompatible forestry practices
Kentucky	100.0%	NCP 100.0%				3 30,215.0 ac. 9.2%	
			Pop./Sq. Mi. 21				Mining practices
	_			Agriculture 2,416.3			
/iable Targ	gets			Water 145.8	ac. 0.0%		
I. Code	Scientific Nar	ne				Common Name	# Occurrence
CEGR04501	Appalachian Co	ve (Mixed Mesophytic) Fore	sts			Appalachian Cove (Mixed M	Mesophytic) Forests
461 - Do	ckcastle Riv	or Corridor		CA Type: Matrix Landscape	Action	Site: Yes Total Area: 50,	,129.1 acres Map Location: E
States	ckeastic Kit	Subregions	Census 2000	Land Use/Land Cover (		GAP Management Status	Primary Threats
	100.0%						
Kentucky	100.0%					3 11,010.4 ac. 22.0%	Fire suppression
		NCP - BUFF 0.0%	6 Pop./Sq. Mi. 36	Agriculture 2,228.8	ac. 4.4%		Incompatible forestry practices
					00 170/		
Cable Terr				Water 839.2			
Viable Tarç							
El. Code	Scientific Nar			Water 839.2		Common Name	# Occurrenc
El. Code CEGR03801	Scientific Nar Southeastern Flo	oodplain Forests Mixed H	ardwood Bottomland Forests	Water 839.2		Southeastern Floodplain Fo	# Occurrenc
EI. Code CEGR03801 CEGR04501	Scientific Nar Southeastern Flo Appalachian Co	oodplain Forests Mixed Hove (Mixed Mesophytic) Fore		Water 839.2		Southeastern Floodplain Fo Appalachian Cove (Mixed N	# Occurrenc
EI. Code CEGR03801 CEGR04501	Scientific Nar Southeastern Flo	oodplain Forests Mixed Hove (Mixed Mesophytic) Fore		Water 839.2		Southeastern Floodplain Fo	# Occurrenc
EI. Code CEGR03801 CEGR04501 PDROS1Q0	Scientific Nar Southeastern Flo Appalachian Con Spiraea virginian	oodplain Forests Mixed Have (Mixed Mesophytic) Fore na		Water 839.2 Developed 234.5	ac. 0.5%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea	# Occurrenc rests Mixed Hardwood Bottomland For desophytic) Forests
EI. Code DEGR03801 DEGR04501 PDROS1Q0	Scientific Nar Southeastern Flo Appalachian Co	oodplain Forests Mixed Have (Mixed Mesophytic) Fore na		Water 839.2	ac. 0.5%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea	# Occurrenc rests Mixed Hardwood Bottomland For flesophytic) Forests
EI. Code CEGR03801 CEGR04501 PDROS1Q0 M62 - Ro States	Scientific Nar Southeastern Flo Appalachian Con Spiraea virginian	oodplain Forests Mixed Have (Mixed Mesophytic) Fore na ver South	Census 2000	Water 839.2 Developed 234.5  CA Type: Matrix Landscapt Land Use/Land Cover (	ac. 0.5%  Action 1992 NLCD)	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea Site: Yes Total Area: 55,	# Occurrence wrests Mixed Hardwood Bottomland For desophytic) Forests  # Occurrence # Occurre
EI. Code CEGR03801 CEGR04501 PDROS1Q0	Scientific Nar Southeastern Flo Appalachian Con Spiraea virginiar Ockcastle Riv	podplain Forests Mixed Hove (Mixed Mesophytic) Foresta rer South Subregions	Census 2000  Total Pop. 831	Water 839.2 Developed 234.5  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 53,818.6	ac. 0.5%  Action 1992 NLCD) ac. 96.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status	# Occurrenc rests Mixed Hardwood Bottomland For flesophytic) Forests .553.0 acres Map Location: F
EI. Code CEGR03801 CEGR04501 CDROS1Q0 CEGR04501 CDROS1Q0 CEGR04501	Scientific Nar Southeastern Flo Appalachian Con Spiraea virginiar Ockcastle Riv	podplain Forests Mixed Hove (Mixed Mesophytic) Foresta rer South Subregions	Census 2000	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status	# Occurrence wrests Mixed Hardwood Bottomland For desophytic) Forests  # Occurrence # Occurre
El. Code DEGR03801 DEGR04501 DROS1Q0 M62 - Ro States Kentucky	Scientific Nar Southeastern Fle Appalachian Cor Spiraea virginiar Ockcastle Riv	podplain Forests Mixed Hove (Mixed Mesophytic) Foresta rer South Subregions	Census 2000  Total Pop. 831	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscapt     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status	# Occurrence wrests Mixed Hardwood Bottomland For desophytic) Forests  # Occurrence # Occurre
El. Code EEGR03801 EEGR04501 PDROS1Q0 M62 - Ro States Kentucky	Scientific Nar Southeastern Fle Appalachian Cor Spiraea virginiar ockcastle Riv 100.0%	oodplain Forests Mixed H. ve (Mixed Mesophytic) Fore ver South Subregions NCP 100.0%	Census 2000  Total Pop. 831	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%	# Occurrence rests — Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats
El. Code EEGR03801 EEGR04501 DROS1Q0 462 - Ro States Kentucky  //iable Targ	Scientific Nar Southeastern File Appalachian Cor Spiraea virginiar ockcastle Riv 100.0%  gets Scientific Nar	oodplain Forests Mixed H. ve (Mixed Mesophytic) Fore ver South Subregions NCP 100.0%	Census 2000  Total Pop. 831	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscapt     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrent
EI. Code EEGR03801 EEGR04501 DROS1Q0  162 - Ro Etates Eentucky  Tiable Targ EI. Code MACC0802	Scientific Nar Southeastern File Appalachian Cot Spiraea virginiar ockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rai	podplain Forests Mixed H. ve (Mixed Mesophytic) Fore ver South Subregions NCP 100.09	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence
EL. Code EEGR03801 EEGR04501 DROS1Q0  462 - Ro States Centucky  Fiable Targ EL. Code MACC0802 EEGL00628	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Dockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rai Andropogon gen	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.0%  me  finesquii  ardii - Panicum virgatum - B	Census 2000  Total Pop. 831	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  [3 34,698.9 ac. 62.5%]  Common Name Rafinesque's Big-eared Bat Riverscour Prairies	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence
El. Code EEGR03801 EEGR04501 PDROS1Q0 #162 - Ro States Kentucky #1able Targ El. Code MACC0802 EEGL00628 EEGR03802	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrub	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  me  finesquii  ardii - Panicum virgatum - Bolands	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands	# Occurrence
EL. Code EEGR03801 EEGR04501 DROS1Q0  162 - Ro States Centucky  1iable Targ EEGL00628 EEGR03802 EEGR04001	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  me  finesquii  ardii - Panicum virgatum - B  alands  lardwood Forests	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo	# Occurrence wrests Mixed Hardwood Bottomland For desophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence orests
EL. Code EEGR03801 EEGR04501 DROS1Q0  162 - Ro States Centucky  1iable Targ EL. Code MACC0802 EEGR03802 EEGR03802 EEGR04501	Scientific Nar Southeastern File Appalachian Cor Spiraea virginiar  100.0%  gets Scientific Nar Corynorhinus rai Andropogon gen Riverbank Shrut Eastern Mesic H Appalachian Cor	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.0%  me  finesquii  ardii - Panicum virgatum - B  alands  ardwood Forests  ve (Mixed Mesophytic) Fore	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riversour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrent orests flesophytic) Forests
El. Code EEGR03801 EEGR04501 DROS1Q0 H62 - Ro States Kentucky  //iable Targ El. Code MACC0802 EEGL00628 EEGR04501 EEGR04502	Scientific Nar Southeastern File Appalachian Cot Spiraea virginiar Dockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern	oodplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  ne  finesquii  ardii Panicum virgatum B  plands  ardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverscour Prairies Riverscour Batic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Hemlock Fo	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrent orests flesophytic) Forests
El. Code EEGR03801 EEGR04501 DROS1Q0  462 - Ro States Kentucky  // Lable Targ El. Code MACC0802 EEGR04501 EEGR04501 EEGR04501 EEGR04501 EEGR04601	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv  100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  ne  finesquii  ardii - Panicum virgatum - B  plands  ardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests  Forests	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock Fo Xeric Oak-Pine Forests	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence orests Mesophytic) Forests  rests
EL. Code EEGR03801 EEGR04501 DROSTQ0  462 - Ro States Eentucky  4. Code MACC0802 EEGR03802 EEGR04001 EEGR04501 EEGR04501 EEGR04502 EEGR04702	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv 100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  ne  finesquii  ardii - Panicum virgatum - Bolands  ardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests  orasts  ead Seepage Swamps	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Viriginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed M Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  rests Mesophytic) Forests  rests Mesophytic) Forests  rests  ge Swamps
EL. Code EEGR03801 EEGR04501 DROS1Q0  162 - Ro States Eentucky  1iable Targ EEGR04502 EEGR04501 EEGR04501 EEGR04501 EEGR04501 EEGR04502 EEGR04704	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar  100.0%  gets  Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  me  finesquii  ardii - Panicum virgatum - B  alands  lardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests  pead Seepage Swamps  ps. Fens, and Seeps	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Henlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  rests Mesophytic) Forests  rests Mesophytic) Forests  rests  ge Swamps
El. Code DEGRO3801 DEGRO4501 DEGRO4501 DEGRO4501 DEGRO4501 DEGRO4502 DEGRO4504 DEGRO45	Scientific Nar Southeastern File Appalachian Cor Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cor Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore ta  ver South  Subregions  NCP 100.0%  me finesquii ardii - Panicum virgatum - B alands ardwood Forests ve (Mixed Mesophytic) Fore Hemlock Forests Fo	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fi Appalachian Cove (Mixed N Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  rests Mesophytic) Forests  rests Mesophytic) Forests  rests  ge Swamps
EI. Code DEGRO3801 DEGRO4501 DDROS1Q0 M62 - Ro States Kentucky  //iable Targ EI. Code MACC0802 DEGR04001 DEGR04001 DEGR04502 DEGR04601 DEGR04502 DEGR04601 DEGR04502 DEGR04702 DEGR04704 DDAST014P	Scientific Nar Southeastern File Appalachian Cor Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cor Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore ta  ver South  Subregions  NCP 100.0%  me finesquii ardii - Panicum virgatum - B alands ardwood Forests ve (Mixed Mesophytic) Fore Hemlock Forests Fo	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Henlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  rests Mesophytic) Forests  rests Mesophytic) Forests  rests  ge Swamps
El. Code DEGRO3801 DEGRO4501 DEGRO4501 DEGRO4502 DEGRO4502 DEGRO4502 DEGRO4502 DEGRO4502 DEGRO4502 DEGRO4502 DEGRO4704 DEGRO47	Scientific Nar Southeastern File Appalachian Cor Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cor Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore ta  ver South  Subregions  NCP 100.0%  me finesquii ardii - Panicum virgatum - B alands ardwood Forests ve (Mixed Mesophytic) Fore Hemlock Forests Fo	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fi Appalachian Cove (Mixed N Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  desophytic) Forests  orests Mesophytic) Forests personness  # Soccurrence  # Soccurre
El. Code EEGR03801 EEGR04501 DROSTQ0 df62 - Ro States Eentucky EEGR04501 EEGR04502 EEGR04501 EEGR04501 EEGR04501 EEGR04501 EEGR04501 EEGR04702 EEGR04702 EEGR04704 DDROSTQ0 DDVIT040J0	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Dos Aster saxicastell Spiraea virginiar	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  ne  finesquii  ardii - Panicum virgatum - B  plands  ardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests  pad Seepage Swamps  ps, Fens, and Seeps  iii	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock F Xeric Oak-Pine Forests Interior Streamhead Seepa Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  desophytic) Forests  orests Mesophytic) Forests personness  # Soccurrence  # Soccurre
EL Code EGR03801 EGR04501 EGR04501 EGR04501 EGR04501 EGR04501 EGR04501 EGR04501 EGR04501 EGR04501 EGR04502 EGR04702 EGR04702 EGR04702 EGR04704 DAST014P DAST014P DAST014P DAST014D DNOS1Q0 MORCOQQ	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv  100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastelli Vitis rupestris	podplain Forests Mixed Hive (Mixed Mesophytic) Forests  The Subregions  The	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fi Appalachian Cove (Mixed N Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape	# Occurrence rests Mixed Hardwood Bottomland For Mesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  rests Mesophytic) Forests  rests Mesophytic) Forests  rests  ge Swamps
EL Code EEGR03801 EEGR04501 DROS1Q0  162 - Ro States Gentucky  1iable Targ EL Code MACC0802 EEGR04001 EEGR04501 EEGR04501 EEGR04501 EEGR04704 DAST0174P DROS1Q0 MORC1Y0	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar  100.0%  gets  Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Appalachian Cot Upland Eastern Appalachian Bog Aster saxicastell Spiraea virginiar Vitis rupestris Cypripedium ker Platanthera integ	podplain Forests Mixed Hive (Mixed Mesophytic) Forests  The Subregions  The	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10	Water   839.2     Developed   234.5     Developed   234.5     CA Type: Matrix Landscape     Land Use/Land Cover (   Natural   53,818.6     Agriculture   886.9     Developed   511.4     Water   336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed M Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper	# Occurrent rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrent orests flesophytic) Forests orests ge Swamps and Seeps
El. Code DEGRO3801 DEGRO4501 DEGRO4501 DEGRO4501 DEGRO4502 DEGRO4503 DEGRO4502 DEGRO4503 DEGRO45	Scientific Nar Southeastern Fle Appalachian Cor Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cor Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell Spiraea virginiar Vitis rupestris Cypripedium ker Platanthera inter N/A	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  me  finesquii  ardii - Panicum virgatum - B  alands  lardwood Forests  ve (Mixed Mesophytic) Fore  Hemllock Forests  ead Seepage Swamps  gs. Fens, and Seeps  ii  an  antuckiense  grilabia	Census 2000  Total Pop. 831 Pop./Sq. Mi. 10  aptisia australis Herbaceous Ve	Water 839.2 Developed 234.5  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 53,818.6 Agriculture 886.9 Developed 511.4 Water 336.0	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9% ac. 0.6%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence orests flesophytic) Forests orests ge Swamps and Seeps  Suite
El. Code DEGRO3801 DEGRO4501 DEGRO45	Scientific Nar Southeastern Fle Appalachian Cor Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cor Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell Spiraea virginiar Vitis rupestris Cypripedium ker Platanthera inter N/A	podplain Forests Mixed H.  ve (Mixed Mesophytic) Fore  ver South  Subregions  NCP 100.09  me  finesquii  ardii - Panicum virgatum - B  alands  lardwood Forests  ve (Mixed Mesophytic) Fore  Hemlock Forests  pad Seepage Swamps  is, Fens, and Seeps  ii  iii  iii  iii  iii  iii  iii	Census 2000 Total Pop. 831 Pop./Sq. Mi. 10 aptisia australis Herbaceous Ve	Water 839.2 Developed 234.5  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 53,818.6 Agriculture 886.9 Developed 511.4 Water 336.0  getation  CA Type: Matrix Landscape	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 1.6% ac. 0.9% ac. 0.6%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fi Appalachian Cove (Mixed N Upland Eastern Hemlock Fc Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93,	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence orests flesophytic) Forests orests ge Swamps and Seeps  Suite  Suite  Map Location: Map Locat
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El. Code EEGR03801 EEGR04501 DROS1Q0 df62 - Ro States Centucky  //iable Targ El. Code EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04702 EEGR04601 EEGR04702 EEGR04001 EEGR04001 EEGR04000  EEGR04000 EEGR04000 EEGR04000	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv  100.0%  gets  Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Doi Vilis rupestris Cypripedium ker Platanthera integ N/A  Ocky Face/Jac	podplain Forests Mixed Hive (Mixed Mesophytic) Foresta  reer South Subregions NCP 100.09  The subregions Subregions Subregions NCP 100.09  The subregions Subregions Subregions Subregions Subresquii Subredion Subregions Subregions Subregions Subregions Subregions	Census 2000 Total Pop. 831 Pop./Sq. Mi. 10  aptisia australis Herbaceous Ve	Water 839.2 Developed 234.5  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 53,818.6 Agriculture 886.9 Developed 511.4 Water 336.0  CA Type: Matrix Landscape getation  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 81,211.6 Agriculture 10,132.6	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 0.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock Fr Xeric Oak-Pine Forests Interior Streamhead Seepaq Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Second Primary Forests  # Second Primary Forests  # Suite    Suite   Sara   S
El. Code EEGR03801 EEGR04501 DROS1Q0 df62 - Ro States Centucky  //iable Targ El. Code EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04702 EEGR04601 EEGR04702 EEGR04001 EEGR04001 EEGR04000  EEGR04000 EEGR04000 EEGR04000	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Ockcastle Riv  100.0%  gets  Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Doi Vilis rupestris Cypripedium ker Platanthera integ N/A  Ocky Face/Jac	podplain Forests Mixed Hive (Mixed Mesophytic) Foresta  reer South Subregions NCP 100.09  The subregions Subregions Subregions NCP 100.09  The subregions Subregions Subregions Subregions Subresquii Subredion Subregions Subregions Subregions Subregions Subregions	Census 2000	Water   839.2	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 10.8% ac. 10.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock Fr Xeric Oak-Pine Forests Interior Streamhead Seepaq Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Suite Suite .537.1 acres Map Location: M Primary Threats  Fire suppression
El. Code EEGR03801 EEGR04501 DROS1Q0 df62 - Ro States Eentucky  Viable Targ El. Code EEGR04001 EEGR04001 EEGR04001 EEGR04001 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04502 EEGR04503 E	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar Pickcastle Riv  100.0%  gets Scientific Nar Corynorhinus ral Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Appalachian Bog Aster saxicastell Spiraea virginiar Cypripedium ker Platanthera integ N/A  100.0%	podplain Forests Mixed Hive (Mixed Mesophytic) Foresta  reer South Subregions NCP 100.09  The subregions Subregions Subregions NCP 100.09  The subregions Subregions Subregions Subregions Subresquii Subredion Subregions Subregions Subregions Subregions Subregions	Census 2000	Water 839.2 Developed 234.5  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 53,818.6 Agriculture 886.9 Developed 511.4 Water 336.0  CA Type: Matrix Landscape getation  CA Type: Matrix Landscape Land Use/Land Cover ( Natural 81,211.6 Agriculture 10,132.6	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 10.8% ac. 10.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock Fr Xeric Oak-Pine Forests Interior Streamhead Seepaq Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Suite Suite .537.1 acres Map Location: M Primary Threats  Fire suppression
El. Code EGR03801 EGR04501 DROS1Q0 162 - Ro itates Entucky Edl0628 EGR04001 EGR04001 EGR04001 EGR04001 EGR04001 EGR04502 EGR04001 EGR04502 EGR04001 EGR04502 EGR04001 EGR04502 EGR04001 EGR04502 EGR04502 EGR04702 EGR04702 EGR04702 EGR04702 EGR04703 EGR04703 EGR04704 DAST0T4P DROS1Q0 DVIT040J0 MORCQ1Q0 MORCQ1Q0 MORCQ1Q0 EGR04704	Scientific Nar Southeastern File Appalachian Cot Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell Spiraea virginiar Vitis rupestris Cypripedium ker Platanthera inter N/A  Docky Face/Jo  gets	podplain Forests Mixed Hive (Mixed Mesophytic) Foresta  reer South  Subregions  NCP 100.09  The subregions of the sub	Census 2000	Water   839.2	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 10.8% ac. 10.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status  3 35,430.1 ac. 37.9%	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Second Primary Threats  Suite  Solite  Solite  Primary Threats  Fire suppression Incompatible forestry practices
il. Code EGR03801 EGR04501 DROS1Q0 162 - Ro States Eentucky States Eentucky EEGR04601 EEGR04501 EEGR04501 EEGR04501 EEGR04501 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04502 EEGR04601 EEGR04503	Scientific Nar Southeastern Fle Appalachian Cot Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rat Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Dot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Dot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian nos Cypripedium ker Platanthera integ N/A  100.0%  gets Scientific Nar	podplain Forests Mixed Hive (Mixed Mesophytic) Foresta  Forer South Subregions NCP 100.09  The finesquii ardii Panicum virgatum Balands  The ardii Panicum virgatum Balands  The finesquii ardii ardi	Census 2000	Water   839.2	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 10.8% ac. 10.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed N Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status 3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fr Appalachian Cove (Mixed N Upland Eastern Hemlock Fr Xeric Oak-Pine Forests Interior Streamhead Seepa, Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status 3 35,430.1 ac. 37.9%  Common Name	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Soccurrence  # Description  # Occurrence
EL Code EGR03801 EGR04501 DROS1Q0 162 - RO States Eentucky EEGR04501 EEGR04502 EEGR04501 EEGR04501 EEGR04502 EEGR04501 EEGR04502 EEGR04501 EEGR04502 EEGR04503 EEGR045	Scientific Nar Southeastern File Appalachian Cot Spiraea virginiar 100.0%  gets Scientific Nar Corynorhinus rai Andropogon ger Riverbank Shrut Eastern Mesic H Appalachian Cot Upland Eastern Xeric Oak-Pine I Interior Streamh Appalachian Bog Aster saxicastell Spiraea virginiar Vitis rupestris Cypripedium ker Platanthera inter N/A  Docky Face/Jo  gets	ne finesquii rardii - Panicum virgatum - Bilands rardwood Forests re (Mixed Mesophytic) Fore re South Subregions NCP 100.09  ne finesquii rardii - Panicum virgatum - Bilands rardwood Forests rardwood Forests re (Mixed Mesophytic) Fore Hemlock Forests ead Seepage Swamps is, Fens, and Seeps iii rardii rardii - Repaire (Mixed Mesophytic) Fore Hemlock Forests Sead Seepage Swamps Sepage Swamps Se	Census 2000	Water   839.2	ac. 0.5%  Action 1992 NLCD) ac. 96.9% ac. 0.9% ac. 0.9% ac. 0.6%  Action 1992 NLCD) ac. 86.8% ac. 10.8% ac. 10.8%	Southeastern Floodplain Fo Appalachian Cove (Mixed M Virginia Spiraea  Site: Yes Total Area: 55, GAP Management Status  3 34,698.9 ac. 62.5%  Common Name Rafinesque's Big-eared Bat Riverscour Prairies Riverbank Shrublands Eastern Mesic Hardwood Fo Appalachian Cove (Mixed M Upland Eastern Hemlock Fo Xeric Oak-Pine Forests Interior Streamhead Seepag Appalachian Bogs, Fens, ar Rockcastle Aster Virginia Spiraea Rock Grape Southern Lady's Slipper White Fringless Orchid Neo-tropical Migratory Bird  Site: No Total Area: 93, GAP Management Status  3 35,430.1 ac. 37.9%	# Occurrence rests Mixed Hardwood Bottomland For flesophytic) Forests  .553.0 acres Map Location: F Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Second Primary Threats  Suite  Solite  Primary Threats  Map Location: M Primary Threats  Fire suppression Incompatible forestry practices

			CA Type: Matrix Landscape	Action Site: N	lo Total Area: 132,	611.0 acres Map Location:
M64 - Sandyhook States	Subregions	Census 2000	Land Use/Land Cover (1992 N		P Management Status	Primary Threats
Kentucky 100.0%	NCP 100.0%	Total Pop. 4,687	Natural 130,237.4 ac.	98.2% 3	730.4 ac. 0.6%	Agricultural practices
, , , , , , , , , , , , , , , , , , , ,		Pop./Sq. Mi. 23	Agriculture 2,213.1 ac.	1.7%		Incompatible forestry practices
			Developed 135.8 ac.	0.1%		
able Targets			Water 24.7 ac.	0.0%		
165 - Sheffield/Pau	Ilding Forest WMA		CA Type: Matrix Landscape	Action Site: N	lo Total Area: 55,	901.4 acres Map Location:
tates	Subregions	Census 2000	Land Use/Land Cover (1992 N	NLCD) GA	P Management Status	Primary Threats
eorgia 100.0%	SRV - BUFF 48.9%	Total Pop. 2,106	Natural 49,260.8 ac.	88.1% 3	19,521.5 ac. 34.9%	Fire suppression
	SRV 41.4%	Pop./Sq. Mi. 24	Developed 3,540.3 ac.	6.3%		Incompatible forestry practices
	OUT 9.7%		Agriculture 2,994.0 ac.	5.4%		
iable Targets			Water 106.3 ac.	0.2%		
166 - South Sauty (			CA Type: Matrix Landscape	Action Site: N		169.1 acres Map Location:
tates	Subregions	Census 2000	Land Use/Land Cover (1992 N		P Management Status	Primary Threats
labama 100.0%	SCP 100.0%	Total Pop. 1,953	Natural 32,591.6 ac.	73.8% 2	5,798.7 ac. 13.1%	Incompatible forestry practices
		Pop./Sq. Mi. 28	Agriculture 10,707.3 ac. Water 731.8 ac.	24.2% 1.7%		Mining practices Residential development
able Targets			Developed 138.4 ac.	0.3%		residential development
. Code Scientific Na	me		Bovelepou 100.1 de:	0.070	Common Name	# Occurre
AAD0314 Desmognathus					Ocoee Salamander	# Occurre
	llii - Coreopsis pulchra - Liatris m	nicrocenhala Herhaceous Vegu	etation		Appalachian Sandstone Gla	des and Barrens
DHAM0102 Fothergilla majo		iorocopridia i iorocococo voge	your or		Mountain Witch-alder	do una Barrono
POR080 Talinum menge					Menge's Fame-flower	
NLIL02290 Allium speculae					Little River Canyon Onion	
ILIL1S030 Schoenolirion v	rightii				Texas Sunnybell	
67 - Station Camp			CA Type: Matrix Landscape	Action Site: N		007.3 acres Map Location:
tates	Subregions	Census 2000	Land Use/Land Cover (1992 N		P Management Status	Primary Threats
entucky 100.0%	NCP - BUFF 67.0%	Total Pop. 1,848	Natural 47,802.7 ac.		12,641.9 ac. 25.8%	Agricultural practices
	NCP 29.7%	Pop./Sq. Mi. 24	Agriculture 1,088.6 ac.	2.2%		Incompatible forestry practices
labla Tarrete	OUT 3.3%		Developed 111.1 ac. Water 4.9 ac.	0.2%		
able Targets			vvalei 4.9 ac.	J.U 70	Commer No.	" ^
. Code Scientific Na MACC0802 Corynorhinus ra					Common Name	# Occurre
	Eastern Dry-mesic Oak Forests				Rafinesque's Big-eared Bat Circumneutral Eastern Dry-r	masic Oak Farasts
	ove (Mixed Mesophytic) Forests				Appalachian Cove (Mixed M	
XXXX0000 N/A	ve (mixed mesopriyae) i orests				Neo-tropical Migratory Bird S	
168 - Talladega Mo	untains		CA Type: Matrix Landscape	Action Site: Y		
tates	Subregions	Census 2000	Land Use/Land Cover (1992 N		P Management Status	Primary Threats
labama 100.0%	SRV 77.0%	Total Pop. 5,778	Natural 243,294.2 ac.		131,692.1 ac. 51.2%	Fire suppression
	SRV - BUFF 23.0%	Pop./Sq. Mi. 14	Agriculture 9,729.2 ac.	3.8% 1	6,679.3 ac. 2.6%	Incompatible forestry practices
			Developed 3,283.4 ac.	1.3% 2	4,158.4 ac. 1.6%	Residential development
iable Targets			Water 760.9 ac.	0.3%		
I. Code Scientific Na	me				Common Name	# Occurrer
DCRA0A0 Sedum nevii					Nevius' Stonecrop	
MORC1Y0 Platanthera inte XXXX0000 N/A	grilabia				White Fringless Orchid Neo-tropical Migratory Bird 9	2ita
			OA Towns Matrix Lands and	A -41 014 N	· · · · ·	
<mark>169 - Tennessee Ri</mark> tates	Subregions	Census 2000	CA Type: Matrix Landscape  Land Use/Land Cover (1992 N	Action Site: N	P Management Status	211.0 acres Map Location: Primary Threats
		Celiaua 2000		VLCD) GA	10,295.4 ac. 8.9%	_
annessee 100 0%	NRV 99 9%		Natural 73 786 5 30	63.5%		Incompatible forestry practices
ennessee 100.0%	NRV 99.9% NCP 0.1%	Total Pop. 12,183	Natural 73,786.5 ac. Agriculture 23.627.7 ac.	63.5% 20.3% 3		Incompatible forestry practices Residential development
ennessee 100.0%	NRV 99.9% NCP 0.1%		Agriculture 23,627.7 ac.	63.5% 20.3% 4	242.4 ac. 0.2%	Residential development
		Total Pop. 12,183	Agriculture 23,627.7 ac.	20.3% 4		
iable Targets	NCP 0.1%	Total Pop. 12,183	Agriculture 23,627.7 ac. Water 17,175.9 ac.	20.3% 14.8%	242.4 ac. 0.2%	Residential development
i <b>able Targets</b> . Code Scientific Na	NCP 0.1%	Total Pop. 12,183	Agriculture 23,627.7 ac. Water 17,175.9 ac.	20.3% 14.8%		Residential development
able Targets  Code Scientific Na  RAN0706 Cimicifuga rubii	NCP 0.1%	Total Pop. 12,183	Agriculture 23,627.7 ac. Water 17,175.9 ac.	20.3% 14.8%	242.4 ac. 0.2%  Common Name	Residential development # Occurre
iable Targets  Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A	NCP 0.1%	Total Pop. 12,183	Agriculture 23,627.7 ac. Water 17,175.9 ac.	20.3% 14.8%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S	Residential development # Occurre
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXXX0000 N/A  170 - The Cedars	NCP 0.1%	Total Pop. 12,183	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.	20.3% 14.8% 1.4% Action Site: Y	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S	Residential development # Occurre
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXXX0000 Mic/A  170 - The Cedars tates	NCP 0.1%	Total Pop. 12,183 Pop./Sq. Mi. 67	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape	20.3% 14.8% 1.4% Action Site: Y	Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$\frac{1}{27}\$,	# Occurre Suite Map Location:
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXXX0000 Mic/A  170 - The Cedars tates	MCP 0.1%  me folia  Subregions	Total Pop. 12,183 Pop./Sq. Mi. 67	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac. Agriculture 9,787.3 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD) GA 63.7% 35.5%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$\frac{1}{27}\$,	# Occurre Suite 539.3 acres Map Location: Primary Threats
iable Targets  Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  70 - The Cedars tates	MCP 0.1%  me folia  Subregions	Total Pop. 12,183 Pop./Sq. Mi. 67  Census 2000 Total Pop. 1,770	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 N Natural 17,537.1 ac. Agriculture 9,787.3 ac. Developed 163.0 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD) GA 35.5% 0.6%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$\frac{1}{27}\$,	# Occurre  Suite  539.3 acres Map Location:  Primary Threats Agricultural practices
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  I70 - The Cedars tates iriginia 100.0%	MCP 0.1%  me folia  Subregions	Total Pop. 12,183 Pop./Sq. Mi. 67  Census 2000 Total Pop. 1,770	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac. Agriculture 9,787.3 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD) GA 63.7% 35.5%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$\frac{1}{27}\$,	# Occurre  Suite  539.3 acres Map Location:  Primary Threats Agricultural practices
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 MA  I70 - The Cedars tates irginia 100.0%  iable Targets I. Code Scientific Na	me folia  Subregions  NRV 100.0%	Total Pop.         12,183           Pop./Sq. Mi.         67           Census 2000           Total Pop.         1,770           Pop./Sq. Mi.         41	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD 63.7% 35.5% 0.6% 0.2%	242.4 ac. 0.2%  Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$ (es Total Area: 27, P Management Status  Common Name	# Occurre  # Occurre  Buite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  I70 - The Cedars tates iriginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Quercus muehi	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / 3	Total Pop.         12,183           Pop./Sq. Mi.         67           Census 2000           Total Pop.         1,770           Pop./Sq. Mi.         41	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 N Natural 17,537.1 ac. Agriculture 9,787.3 ac. Developed 163.0 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD 63.7% 35.5% 0.6% 0.2%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird \$  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lore	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  I70 - The Cedars Iates Irginia 100.0%  Iable Targets  I. Code Scientific Na GGL00513 Quercus muehl EGR03901 Circumneutral E	me folia  Subregions NRV 100.0%  me enbergii - Juniperus virginiana / Seastern Dry-mesic Oak Forests	Total Pop.         12,183           Pop./Sq. Mi.         67           Census 2000           Total Pop.         1,770           Pop./Sq. Mi.         41	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD 63.7% 35.5% 0.6% 0.2%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  fes Total Area: 27, P Management Status  Common Name Appalachian and Interior Loc Circumneutral Eastern Dry-r	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre  w Plateau Carbonate Glades and Barren mesic Oak Forests
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  170 - The Cedars tates irginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Quercus muehl EGR03901 Circumneutral E EGR04501 Appalachian Cd	MCP 0.1%  me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / s astem Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests	Total Pop.         12,183           Pop./Sq. Mi.         67           Census 2000           Total Pop.         1,770           Pop./Sq. Mi.         41	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD 63.7% 35.5% 0.6% 0.2%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  (es Total Area: 27, P Management Status  Common Name Appalachian and Interior Lor Circumneutral Eastern Dry-r Appalachian Cove (Mixed M	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre  w Plateau Carbonate Glades and Barren mesic Oak Forests
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  I70 - The Cedars tates iriginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Quercus muehl EGR03901 Circumneutral L EGR03901 Circumneutral L EGR04501 Appalachian CC DAST8H22 Senecio millefo	me Subregions NRV 100.0%  me enbergii - Juniperus virginiana / Seastern Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests lium	Total Pop.         12,183           Pop./Sq. Mi.         67           Census 2000           Total Pop.         1,770           Pop./Sq. Mi.         41	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.	20.3% 14.8% 1.4% Action Site: Y NLCD 63.7% 35.5% 0.6% 0.2%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S (es Total Area: 27, P Management Status  Common Name Appalachian and Interior Loc Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre  # Plateau Carbonate Glades and Barren mesic Oak Forests
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  I70 - The Cedars tates irginia 100.0%  iable Targets  I. Code Scientific Na GG00913 Quercus muehl GGR03901 Circumneutral E GGR04501 Appalachian C DAST8H22 Senecio millefo DFAB402L Trifolium calcar	me Subregions NRV 100.0%  me enbergii - Juniperus virginiana / Seatem Dry-mesic Oak Forests bye (Mixed Mesophytic) Forests lium icium	Total Pop.   12,183   Pop./Sq. Mi.   67	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 N Natural 17,537.1 ac. Agriculture 9,787.3 ac. Developed 163.0 ac. Water 51.9 ac.  anfreda virginica Wooded Herbaceous Vege	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S (es Total Area: 27, P Management Status  Common Name Appalachian and Interior Lo. Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover	# Occurre  # Occurre  Buite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre  # Plateau Carbonate Glades and Barren mesic Oak Forests  lesophytic) Forests
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 M/A  170 - The Cedars tates iriginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Quercus muehl EGR03901 Circumneutral It EGR04501 Appalachian Co DAST8H22 Senecio millefo DFAB402L Trifolium calcar 171 - Upper Laurel	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / Sastem Dry-mesic Oak Forests view (Mixed Mesophytic) Forests liium icium River Wetlands Corri	Total Pop. 12,183 Pop./Sq. Mi. 67  Census 2000  Total Pop. 1,770 Pop./Sq. Mi. 41  Schizachyrium scoparium - Ma	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.  anfreda virginica Wooded Herbaceous Vege	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Action Site: Y	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lor Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26,	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Occurre  w Plateau Carbonate Glades and Barren mesic Oak Forests lesophytic) Forests  # Occurre  Map Location:
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 N/A  170 - The Cedars tates Iriginia 100.0%  Iiable Targets I. Code Scientific Na EGL00513 Quercus muehl EGR03901 Circumneutral t EGR04501 Appalachian CC DAST8H22 Senecio millefo DFAB402L Trifolium calcar 171 - Upper Laurel tates	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / statement Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests lium lium lium River Wetlands Corrie Subregions	Total Pop. 12,183 Pop./Sq. Mi. 67  Census 2000 Total Pop. 1,770 Pop./Sq. Mi. 41  Schizachyrium scoparium - Ma	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape Land Use/Land Cover (1992 N Natural 17,537.1 ac. Agriculture 9,787.3 ac. Developed 163.0 ac. Water 51.9 ac.  anfreda virginica Wooded Herbaceous Vege CA Type: Matrix Landscape Land Use/Land Cover (1992 N	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Metation  Action Site: Y NLCD) GA	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lot Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26, P Management Status	# Occurre  Suite  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Plateau Carbonate Glades and Barren nesic Oak Forests esophytic) Forests  568.2 acres Map Location:  Primary Threats
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXX0000 M/A  170 - The Cedars tates iriginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Quercus muehl EGR03901 Circumneutral It EGR04501 Appalachian Co DAST8H22 Senecio millefo DFAB402L Trifolium calcar 171 - Upper Laurel	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / Sastem Dry-mesic Oak Forests view (Mixed Mesophytic) Forests liium icium River Wetlands Corri	Total Pop.   12,183   Pop./Sq. Mi.   67	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 North Cover (1992	20.3% 14.8% 1.4% 4 4 4 4 8 4 8 4 8 4 8 8 8 8 8 8 8 8 8	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lor Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26,	# Occurre  Suite  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Plateau Carbonate Glades and Barren mesic Oak Forests esophytic) Forests  568.2 acres Map Location:  Primary Threats  Agricultural practices
iable Targets  I. Code Scientific Na DRAN0706 Cimicifuga rubii XXXXX0000 N/A  170 - The Cedars tates iriginia 100.0%  iable Targets  I. Code Scientific Na EGL00513 Querous muehl EGR03901 Circumneutral t EGR04501 Appalachian CC DAST8H22 Senecio millefo DFAB402L Trifolium calcust 171 - Upper Laurel tates	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / statement Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests lium lium lium River Wetlands Corrie Subregions	Total Pop. 12,183 Pop./Sq. Mi. 67  Census 2000 Total Pop. 1,770 Pop./Sq. Mi. 41  Schizachyrium scoparium - Ma	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Notation 1992 Notation	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Action Site: Y NLCD) GA 4.4% 31.6%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lot Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26, P Management Status	# Occurre  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Plateau Carbonate Glades and Barren mesic Oak Forests esophytic) Forests  568.2 acres Map Location:  Primary Threats  Agricultural practices
able Targets  Code Scientific Na RAN0706 Cimicifuga rubii CXXX0000 N/A  70 - The Cedars lates rginia 100.0%  able Targets  Code Scientific Na GE00513 Quercus muehi GER03901 Circumneutral E GER03901 Circumneutral E GER04501 Appalachian CC DAST8H22 Senecio millefo DFAB402L Trifolium calcar 71 - Upper Laurel lates entucky 100.0%	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / statement Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests lium lium lium River Wetlands Corrie Subregions	Total Pop.   12,183   Pop./Sq. Mi.   67	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,104.8 ac.  Agriculture 8,404.2 ac.  Developed 1,002.4 ac.	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Action Site: Y NLCD) GA 63.16% 31.6% 3.8%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lot Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26, P Management Status	# Occurre  Suite  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Plateau Carbonate Glades and Barren nesic Oak Forests esophytic) Forests  568.2 acres Map Location:  Primary Threats
able Targets  Code Scientific Na RAN0706 Cimicifuga rubii CXXX0000 N/A  70 - The Cedars lates rginia 100.0%  able Targets  Code Scientific Na GL00513 Quercus muehl GR03901 Circumneutral L GR03901 Circumneutral L GR0391 Appalachian CC DAST8H22 Senecio millefo DFAB402L Trifolium calcar 71 - Upper Laurel lates entucky 100.0%  able Targets	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / Seastem Dry-mesic Oak Forests ove (Mixed Mesophytic) Forests lium ficum  River Wetlands Corri Subregions  NCP 100.0%	Total Pop.   12,183   Pop./Sq. Mi.   67	Agriculture 23,627.7 ac. Water 17,175.9 ac. Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Notation 1992 Notation	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Action Site: Y NLCD) GA 4.4% 31.6%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S (es Total Area: 27, P Management Status  Common Name Appalachian and Interior Lot Circumneutral Eastern Dry-f Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover (es Total Area: 26, P Management Status 609.8 ac. 2.3%)	# Occurre  Buite # Occurre  # Plateau Carbonate Glades and Barren  mesic Oak Forests  lesophytic) Forests  # Occurre  # Occurre  # Primary Threats  Agricultural practices  Incompatible forestry practices
able Targets  Code Scientific Na NaN0706 Cimicifuga rubii XXXX0000 N/A  70 - The Cedars ates rginia 100.0%  able Targets  Code Scientific Na EGL00513 Quercus muehi GR03901 Circumneutral E GR04501 Appalachian CC DAST8H22 Senecio millefo DFAB402L Trifolium calcar 71 - Upper Laurel ates	me folia  Subregions  NRV 100.0%  me enbergii - Juniperus virginiana / Sastem Dry-mesic Oak Forests view (Mixed Mesophytic) Forests litum iccum  River Wetlands Corri Subregions  NCP 100.0%	Total Pop.   12,183   Pop./Sq. Mi.   67	Agriculture 23,627.7 ac.  Water 17,175.9 ac.  Developed 1,621.0 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,537.1 ac.  Agriculture 9,787.3 ac.  Developed 163.0 ac.  Water 51.9 ac.  CA Type: Matrix Landscape  Land Use/Land Cover (1992 Natural 17,104.8 ac.  Agriculture 8,404.2 ac.  Developed 1,002.4 ac.	20.3% 14.8% 1.4%  Action Site: Y NLCD) 63.7% 35.5% 0.6% 0.2%  Action Site: Y NLCD) GA 63.16% 31.6% 3.8%	Common Name Appalachian Bugbane Neo-tropical Migratory Bird S  Yes Total Area: 27, P Management Status  Common Name Appalachian and Interior Lot Circumneutral Eastern Dry-r Appalachian Cove (Mixed M Blue Ridge Ragwort Running Glade Clover  Yes Total Area: 26, P Management Status	# Occurre  Suite  # Occurre  Suite  539.3 acres Map Location:  Primary Threats  Agricultural practices  Residential development  # Occurre  # Plateau Carbonate Glades and Barren mesic Oak Forests esophytic) Forests  568.2 acres Map Location:  Primary Threats  Agricultural practices

			CA Turner Matrix Landagana Actio	n Site: No Total Area: 211.	701 0 serves Man I seeking I/1
M72 - Walden Ridge			71		781.8 acres Map Location: K1
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
Tennessee 100.0%	NCP 87.0%	Total Pop. 25,488	Natural 192,688.6 ac. 91.0%		Incompatible forestry practices
	SCP 12.9%	Pop./Sq. Mi. 77	Agriculture 8,882.0 ac. 4.2%		Residential development
	NRV 0.1%		Water 6,102.5 ac. 2.9%		
iable Targets			Developed 4,108.7 ac. 1.9%		
El. Code Scientific Nar	ne			Common Name	# Occurrenc
PDBRA061D Arabis patens				Spreading Rock-cress	
PDCLU0301 Hypericum adpre	essum			Creeping St. John's-wort	
PDGEN0F09 Sabatia capitata				Rose Gentian	
PDLAM1U0 Scutellaria mont				Large-flowered Skullcap	
PDROS1Q0 Spiraea virginiar				Virginia Spiraea	
N01 - Ballplay Swam			CA Type: Non-Matrix Landscape Actio		,764.6 acres Map Location: O
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
Alabama 100.0%	SRV 100.0%	Total Pop. 356	Natural 7,637.5 ac. 87.1%	_	Fire suppression
Alabama 100.076	SKV 100.0%	Pop./Sq. Mi. 26	Agriculture 855.2 ac. 9.8%		Incompatible forestry practices
		F Up./3q. IVII. 20	Water 264.5 ac. 3.0%		incompatible forestry practices
Cable Tanada			Developed 7.4 ac. 0.1%		
Viable Targets			Developed 7.4 ac. 0.17	<u>"</u>	
N02 - Beaver Creek	Area of Cave Run Lak	e e	CA Type: Non-Matrix Landscape Actio	n Site: No Total Area: 7.	,919.5 acres Map Location:
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
Kentucky 100.0%	NCP - BUFF 53.7%	Total Pop. 33	Natural 7,492.9 ac. 94.6%	3 5,795.3 ac. 73.2%	Fire suppression
	NCP 46.3%	Pop./Sq. Mi. 3	Water 374.9 ac. 4.7%		Incompatible forestry practices
			Agriculture 32.1 ac. 0.4%		
Viable Targets			Developed 19.7 ac. 0.2%		
El. Code Scientific Nar	ne		<del></del>	Common Name	# Occurrence
CEGR04001 Eastern Mesic H				Eastern Mesic Hardwood F	
NO3 - Big Beaver Cre			CA Type: Non-Matrix Landscape Actio		
NU3 - Big Beaver Cre States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	
					Primary Threats
West Virginia 100.0%	CM 100.0%	Total Pop. 142	Natural 2,662.5 ac. 74.6%		Impoundments/stream modification
		Pop./Sq. Mi. 25	Developed 455.3 ac. 12.8%		Invasive species
			Agriculture 433.0 ac. 12.1%		
Viable Targets			Water 17.3 ac. 0.5%		
El. Code Scientific Nar				Common Name	# Occurrence
CEGR03803 Floodplain Shrut	blands			Floodplain Shrublands	
N04 - Big Ridge			CA Type: Non-Matrix Landscape Actio	n Site: No Total Area: 4	,047.5 acres Map Location: O
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status	Primary Threats
					•
	SCP 100.0%	Total Pop. 291	Natural 3,232.5 ac. 79.9%		
	SCP 100.0%	<u>Total Pop.</u> 291 Pop./Sq. Mi. 46	Natural 3,232.5 ac. 79.9% Agriculture 735.7 ac. 18.2%		
	SCP 100.0%		· ·		
Alabama 100.0%	SCP 100.0%		Agriculture 735.7 ac. 18.2%		
Alabama 100.0% Viable Targets			Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6%		# Occurrence
Alabama 100.0%  Viable Targets  El. Code Scientific Nar	me		Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6%	Common Name	# Occurrenc
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific	me		Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%	Common Name Croomia	
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  NO5 - Blacks Bluff	ne ora	Pop./Sq. Mi. 46	Agriculture         735.7 ac.         18.2%           Water         64.4 ac.         1.6%           Developed         14.9 ac.         0.4%    CA Type: Non-Matrix Landscape  Action	Common Name Croomia n Site: Yes Total Area:	840.1 acres Map Location: N
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States	ne ora Subregions	Pop./Sq. Mi. 46	Agriculture         735.7 ac.         18.2%           Water         64.4 ac.         1.6%           Developed         14.9 ac.         0.4%    CA Type: Non-Matrix Landscape  Actio  Land Use/Land Cover (1992 NLCD)	Common Name Croomia n Site: Yes Total Area: GAP Management Status	
Viable Targets El. Code Scientific Nar PMSTE0101 Croomia paucific N05 - Blacks Bluff States	ne ora	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5%	Common Name Croomia n Site: Yes Total Area: GAP Management Status	840.1 acres Map Location: N
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States	ne ora Subregions	Pop./Sq. Mi. 46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7%	Common Name Croomia n Site: Yes Total Area: GAP Management Status	840.1 acres Map Location: N
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%	ne ora Subregions	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5%	Common Name Croomia n Site: Yes Total Area: GAP Management Status	840.1 acres Map Location: N
Viable Targets EI. Code Scientific Nar PMSTE0101 Croomia paucific N05 - Blacks Bluff States Georgia 100.0%	Subregions SRV 100.0%	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status	840.1 acres Map Location: N Primary Threats
Alabama 100.0%  Viable Targets El. Code Scientific Nar MSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar	Subregions SRV 100.0%	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name	840.1 acres Map Location: N Primary Threats
Alabama 100.0%  Viable Targets El. Code Scientific Nar PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar PDCPR0703 Viburnum bracte	Subregions SRV 100.0%	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood	840.1 acres Map Location: N Primary Threats
Alabama 100.0%  Viable Targets El. Code Scientific Nar PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria monte	Subregions SRV 100.0%  me eatum ana	Pop./Sq. Mi. 46  Census 2000  Total Pop. 402	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap	840.1 acres Map Location: N Primary Threats # Occurrence
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounta	Subregions SRV 100.0%  me eatum ana	Census 2000 Total Pop. 402 Pop./Sq. Mi. 307	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio  Land Use/Land Cover (1992 NLCD)  Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounta  States	Subregions SRV 100.0%  me halum hana Subregions	Census 2000  Total Pop. 402 Pop./Sq. Mi. 307  Census 2000	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD)	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status	840.1 acres Map Location: N Primary Threats # Occurrence
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounta  States	Subregions SRV 100.0%  me eatum ana	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status  2 385.2 ac. 8.9%	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM100 Scutellaria mont  N06 - Bryant Mounta  States	Subregions SRV 100.0%  me halum hana Subregions	Census 2000  Total Pop. 402 Pop./Sq. Mi. 307  Census 2000	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounta  States  Alabama 100.0%	Subregions SRV 100.0%  me halum hana Subregions	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria monte  N06 - Bryant Mounta  States  Alabama 100.0%  Viable Targets	Subregions SRV 100.0%  me eatum ana sin Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O Primary Threats
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  N06 - Bryant Mounta  States  Alabama 100.0%  Viable Targets  El. Code Scientific Nar	Subregions SRV 100.0%  me eatum ana sin Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O Primary Threats
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  N06 - Bryant Mounts  States  Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4N0J Helianthus egge	Subregions SRV 100.0%  me alatum ana Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O Primary Threats
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  N06 - Bryant Mounts  States  Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4N0J Helianthus egge	Subregions SRV 100.0%  me alatum ana Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name	840.1 acres Map Location: N Primary Threats  # Occurrence 319.3 acres Map Location: O Primary Threats
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  NO5 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  NO6 - Bryant Mounts  States  Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia	Subregions SRV 100.0%  me alatum ana Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed	# Occurrence
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria monte  N06 - Bryant Mounta  States  Alabama 100.0%  Viable Targets	Subregions SRV 100.0%  me alatum ana Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2% Developed 81.4 ac. 1.9%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed	840.1 acres Map Location: N Primary Threats  # Occurrence  319.3 acres Map Location: O Primary Threats  # Occurrence  # Occurrence
Alabama 100.0%  Viable Targets  EI. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States  Georgia 100.0%  Viable Targets  EI. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM100 Scutelliaria mont  N06 - Bryant Mounts  States  Alabama 100.0%  Viable Targets  EI. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow	Subregions SRV 100.0%  me eatum ana Subregions SCP 100.0%	Pop./Sq. Mi. 46	Agriculture 735.7 ac. 18.2% Water 64.4 ac. 1.6% Developed 14.9 ac. 0.4%  CA Type: Non-Matrix Landscape Actio  Land Use/Land Cover (1992 NLCD) Natural 810.7 ac. 96.5% Agriculture 14.7 ac. 1.7% Developed 14.7 ac. 1.7%  CA Type: Non-Matrix Landscape Actio  Land Use/Land Cover (1992 NLCD) Natural 4,055.5 ac. 93.9% Agriculture 182.4 ac. 4.2% Developed 81.4 ac. 1.9%  CA Type: Non-Matrix Landscape Actio	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status	# Occurrenc
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounte  States  Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PDASTANOJ Helianthus egge  PDASTRUOJ Silphium brachie  N07 - Cave Hollow  States	Subregions SRV 100.0%  me eatum ana ain Subregions SCP 100.0%	Pop./Sq. Mi.   46	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%	# Occurrence
Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets  El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont  N06 - Bryant Mounte  States  Alabama 100.0%  Viable Targets  El. Code Scientific Nar  PDASTANOJ Helianthus egge  PDASTRUOJ Silphium brachie  N07 - Cave Hollow  States	Subregions SRV 100.0%  me eatum ana ain Subregions SCP 100.0%  me retiii atum  Subregions NCP 75.6%	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  NO6 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia  NO7 - Cave Hollow  States  Kentucky 100.0%	Subregions SRV 100.0%  me eatum ana ain Subregions SCP 100.0%  me retiii atum  Subregions NCP 75.6%	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM100 Scutellaria mont  N06 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4NDJ Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow  States  Kentucky 100.0%	Subregions   SRV   100.0%	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%	# Occurrence
Alabama 100.0%	Subregions   SRV   100.0%	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%	# Occurrence
Alabama 100.0%   Subregions   SRV   100.0%	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name	# Occurrence	
Alabama 100.0%  Viable Targets El. Code Scientific Nar MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar PDCPR0703 Viburnum bracte PDLAM1U0 Scutellaria mont.  NO6 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar PDAST4N0J Helianthus egge PDAST8L04 Silphium brachia  NO7 - Cave Hollow  States Kentucky 100.0%  Viable Targets El. Code Scientific Nar  NO7 - Cave Hollow  States  Kentucky 100.0%  Viable Targets El. Code Scientific Nar  MACC0110 Myotis sodalis  MACC0801 Corynorhinus tor	Subregions SRV 100.0%  me eatum ana sin Subregions SCP 100.0%  me ertii atum  NCP 75.6% NCP - BUFF 24.4%  me ewnsendii virginianus	Pop./Sq. Mi.   46	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  NO6 - Bryant Mounts  States  Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia  NO7 - Cave Hollow  States  Kentucky 100.0%  Viable Targets El. Code Scientific Nar  AMACC0110 Myotis sodalis  MAACC0110 Myotis sodalis  MAACC0801 Corynorhinus to  CEGR04501 Appalachian Coi	Subregions SRV 100.0%  me eatum ana sin Subregions SCP 100.0%  me ertii atum  NCP 75.6% NCP - BUFF 24.4%  me ewnsendii virginianus ve (Mixed Mesophytic) Forests	Pop./Sq. Mi.   46	Agriculture	Common Name Croomia  In Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap In Site: No Total Area: 4 GAP Management Status  2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed In Site: No Total Area: 6 GAP Management Status  3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed N	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scuteliaria mont.  N06 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4NOJ Helianthus egge  PDAST4NOJ Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow  States Kentucky 100.0%  Viable Targets El. Code Scientific Nar  AMACC0101 Myotis sodalis  MMACC0110 Myotis sodalis  MMACC0801 Corynorhinus tot  CEGR04501 Appalachian Cot  N08 - Cedar Plains G	Subregions SRV 100.0%  me hatum hana sin SUPRESIONS SCP 100.0%  SUPRESIONS NCP 75.6% NCP 75.6% NCP BUFF 24.4%  me hatum hatum  was endii virginianus we (Mixed Mesophytic) Forests liades	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status  2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Viriginia Big-eared Bat Appalachian Cove (Mixed Name In Site: No Total Area: 2	# Occurrence
Alabama 100.0%  Viable Targets  EI. Code Scientific Nar  PMSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets  EI. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM100 Scutellaria mont  N06 - Bryant Mounts  States  Alabama 100.0%  Viable Targets  EI. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow  States  Kentucky 100.0%  Viable Targets  EI. Code Scientific Nar  AMACC0110 Myotis sodalis  AMACC0110 Myotis sodalis  EI. Code Scientific Nar  AMACC0110 Myotis sodalis  CEGR04501 Appalachian Cor  N08 - Cedar Plains G  States	Subregions SRV 100.0%  me patum ana ain Subregions SCP 100.0%  me rrii atum  Subregions NCP 75.6% NCP - BUFF 24.4%  me wrisendii virginianus ve (Mixed Mesophytic) Forests islades Subregions	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Name of Status) Total Area: 2 GAP Management Status	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scuteliaria mont.  N06 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4NOJ Helianthus egge  PDAST4NOJ Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow  States Kentucky 100.0%  Viable Targets El. Code Scientific Nar  AMACC0101 Myotis sodalis  MMACC0110 Myotis sodalis  MMACC0801 Corynorhinus tot  CEGR04501 Appalachian Cot  N08 - Cedar Plains G	Subregions SRV 100.0%  me hatum hana sin SUPP 100.0%  SUPP 100.0%  MCP 75.6% NCP 75.6% NCP BUFF 24.4%  me hatum  wasendii virginianus we (Mixed Mesophytic) Forests  illades	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Notal Area: 2 GAP Management Status  GAP Management Status	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  N05 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM100 Scutellaria mont  N06 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4NOJ Helianthus egge  PDAST8L04 Silphium brachia  N07 - Cave Hollow  States  Kentucky 100.0%  Viable Targets El. Code Scientific Nar  AMACC010 Myotis sodalis  Lincode Scientific Nar  AMACC0801 Corynorbinus ton  CEGR04501 Appalachian Cor  N08 - Cedar Plains G  States  States	Subregions SRV 100.0%  me patum ana ain Subregions SCP 100.0%  me rrii atum  Subregions NCP 75.6% NCP - BUFF 24.4%  me wrisendii virginianus ve (Mixed Mesophytic) Forests islades Subregions	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000	Agriculture   735.7 ac.   18.2%	Common Name Croomia  In Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap In Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed In Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Months of the Common Name Indiana or Social Myotis Virginia Big-eared Bat	# Occurrence
Alabama 100.0%  Viable Targets El. Code Scientific Nar  MSTE0101 Croomia paucific  NO5 - Blacks Bluff  States Georgia 100.0%  Viable Targets El. Code Scientific Nar  PDCPR0703 Viburnum bracte  PDLAM1U0 Scutellaria mont.  NO6 - Bryant Mounts  States Alabama 100.0%  Viable Targets El. Code Scientific Nar  PDAST4N0J Helianthus egge  PDAST4N0J Helianthus egge  PDAST8L04 Silphium brachia  NO7 - Cave Hollow  States  AMACC0110 Myotis sodalis  AMACC0801 Corynorhinus tot  CEGR04501 Appalachian Cot  NO8 - Cedar Plains G  States  Alabama 100.0%	Subregions SRV 100.0%  me patum ana ain Subregions SCP 100.0%  me rrii atum  Subregions NCP 75.6% NCP - BUFF 24.4%  me wrisendii virginianus ve (Mixed Mesophytic) Forests islades Subregions	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status  3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status  Virginia Rig-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status	# Occurrence
Alabama 100.0%   Subregions SRV 100.0%  me patum ana ain Subregions SCP 100.0%  me rrii atum  Subregions NCP 75.6% NCP - BUFF 24.4%  me wrisendii virginianus ve (Mixed Mesophytic) Forests islades Subregions	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13	Agriculture   735.7 ac.   18.2%	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status  3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status  Virginia Rig-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status	# Occurrence	
Alabama 100.0%	Subregions SRV 100.0%  me hatum hana sin Subregions SCP 100.0%  SUBREGIONS NCP 75.6% NCP - BUFF 24.4%  me hatum hana hana hana hana hana hana hana han	Census 2000     Total Pop.   402     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status  Common Name Eggert's Sunflower Cumberland Rosinweed  n Site: No Total Area: 6 GAP Management Status  3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status  Virginia Rig-eared Bat Appalachian Cove (Mixed Name Status)  GAP Management Status	# Occurrence
Alabama 100.0%	Subregions SRV 100.0%  me hatum hana sin Subregions SCP 100.0%  SUBREGIONS NCP 75.6% NCP - BUFF 24.4%  me hatum hana hana hana hana hana hana hana han	Census 2000     Total Pop.   4,02     Pop./Sq. Mi.   307     Census 2000     Total Pop.   1,470     Pop./Sq. Mi.   218     Census 2000     Total Pop.   134     Pop./Sq. Mi.   13     Census 2000     Total Pop.   146     Pop./Sq. Mi.   47     Census 2000	Agriculture	Common Name Croomia  n Site: Yes Total Area: GAP Management Status  Common Name Limerock Arrowwood Large-flowered Skullcap  n Site: No Total Area: 4 GAP Management Status 2 385.2 ac. 8.9%  Common Name Eggert's Sunflower Cumberland Rosinweed n Site: No Total Area: 6 GAP Management Status 3 3,802.7 ac. 58.6%  Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Management Status Appalachian Cove (Mixed Management Status Common Name Indiana or Social Myotis Virginia Big-eared Bat Appalachian Cove (Mixed Management Status Common Name	# Occurrence

entific Namonia pauciflo nut Cliffs 100.0% entific Namonia pauciflo nut Cliffs 100.0%	Subregions	Pop./Sq. Mi.  Census 2000 Total Pop.	572 25 (	CA Type: Non-M Land Use/Lan Natural Agriculture Water Developed  CA Type: Non-M	12,068.8 ac. 2,215.9 ac. 54.4 ac. 49.5 ac.		Site: No Total Area: 14, GAP Management Status	,388.6 acres Map Location: C Primary Threats Incompatible forestry practices Residential development
entific Nam omia pauciflo nut Cliffs 100.0% entific Nam otropsis odol	SRV 42.2%  ne re Subregions  NCP - BUFF 100.0%	Pop./Sq. Mi.  Census 2000  Total Pop.	25	Agriculture Water Developed	2,215.9 ac. 54.4 ac.	15.4% 0.4%		
nut Cliffs 100.0% entific Namotropsis odo	Subregions NCP - BUFF 100.0%	Census 2000 Total Pop.	38	Water Developed	54.4 ac.	0.4%		Residential development
nut Cliffs 100.0% entific Namotropsis odo	Subregions NCP - BUFF 100.0%	Total Pop.	38	Developed				
nut Cliffs 100.0% entific Namotropsis odo	Subregions NCP - BUFF 100.0%	Total Pop.	38		49.5 ac.	0.3%		
nut Cliffs 100.0% entific Namotropsis odo	Subregions NCP - BUFF 100.0%	Total Pop.	38	CA Type: Non-M				
nut Cliffs  100.0%  entific Namotropsis odomanaga 8	Subregions NCP - BUFF 100.0%	Total Pop.	38	CA Type: Non-M			Common Name	# Occurren
entific Nam	Subregions NCP - BUFF 100.0%	Total Pop.	38	CA Type: Non-M			Croomia	
entific Nam notropsis odon	NCP - BUFF 100.0%	Total Pop.			•			,178.7 acres Map Location:
entific Nam notropsis odon	ne				nd Cover (1992		GAP Management Status	Primary Threats
otropsis odol Imauga 8		Pop./Sq. Mi.	1	Natural	1,178.7 ac.	100.0%	3 1,178.8 ac. 100.0%	Fire suppression
otropsis odol Imauga 8			21					Incompatible forestry practices
otropsis odol Imauga 8								
ımauga 8	rata						Common Name	# Occurren
							Sweet Pinesap	
100.0%	& Chattanooga Natio	nal Military Park	( (	CA Type: Non-M	latrix Landscape	Action	Site: No Total Area: 6,	,787.8 acres Map Location:
100.0%	Subregions	Census 2000		Land Use/Lai	nd Cover (1992	NLCD)	GAP Management Status	Primary Threats
	SRV 100.0%	Total Pop. 1,3	302	Natural	5,662.7 ac.	83.4%	1 5,449.3 ac. 80.3%	Fire suppression
		Pop./Sq. Mi. 1	123	Agriculture	997.7 ac.	14.7%		Incompatible recreation
				Developed	115.2 ac.	1.7%		Invasive species
				Water	12.3 ac.	0.2%		
entific Nam							Common Name	# Occurrer
rcus muehlei	nbergii - Juniperus virginiana /	Schizachyrium scoparium				•		w Plateau Carbonate Glades and Barren
Mountair	Prairies		(	CA Type: Non-M			Site: No Total Area: 1,	,121.8 acres Map Location:
	Subregions	Census 2000			nd Cover (1992		<b>GAP Management Status</b>	Primary Threats
100.0%	NCP - BUFF 100.0%		17	Natural	1,107.0 ac.	98.7%	3 731.3 ac. 65.2%	Fire suppression
		Pop./Sq. Mi.	10	Developed	9.9 ac.	0.9%		Incompatible forestry practices
				Agriculture	5.0 ac.	0.4%		
and			(	CA Type: Non-M	•			,423.2 acres Map Location:
	Subregions	Census 2000			nd Cover (1992		GAP Management Status	Primary Threats
100.0%	NRV 100.0%		324	Natural	11,142.9 ac.	77.3%		Agricultural practices
		Pop./Sq. Mi.	59	Agriculture	2,714.7 ac.	18.8%		Incompatible forestry practices
				Water	284.1 ac.	2.0%		
				Developed	281.6 ac.	2.0%		
entific Nam							Common Name	# Occurrer
	nbergii - Juniperus virginiana /	Schizachyrium scoparium	ı - Man	freda virginica Wood	ded Herbaceous Ve	getation		ow Plateau Carbonate Glades and Barren
	e (Mixed Mesophytic) Forests						Appalachian Cove (Mixed M	Mesophytic) Forests
er pratensis							Barrens Silky Aster	
Valley P		0		CA Type: Non-N				,653.0 acres Map Location: 0
00.40/	SRV 100.0%	Census 2000	70	Natural	nd Cover (1992	75.3%	GAP Management Status	Primary Threats
60.1% 39.9%	SKV 100.0%		30 30	Agriculture	11,040.3 ac. 2,761.3 ac.	18.8%		Fire suppression Incompatible forestry practices
33.370		i op./oq. ivii.	50	Developed	715.6 ac.	4.9%		Incompatible recreation
				Water	135.7 ac.	0.9%		meempaable regreation
entific Nam	10						Common Name	# Occurrer
mnium costat							Eastern Bishop-weed	# Occurren
anthus vertici							Whorled Sunflower	
esianthus ala							Alabama Jamesianthus	
nanthes barba							Barbed Rattlesnake-root	
beckia heliop							Sun-facing Coneflower	
eolaria patula							Spreading False-foxglove	
nchospora th	ornei						Thorne's Beakrush	
							Neo-tropical Migratory Bird	Suite
r Creek			(	CA Type: Non-M	latrix Landscape	Action	Site: Yes Total Area: 12,	,051.1 acres Map Location:
	Subregions	Census 2000			nd Cover (1992		GAP Management Status	Primary Threats
100.0%	NRV 100.0%		355	Natural	11,244.2 ac.	93.3%		Agricultural practices
		Pop./Sq. Mi.	45	Agriculture	784.6 ac.	6.5%		Incompatible forestry practices
				Developed	14.9 ac.	0.1%		
				Water	7.4 ac.	0.1%		
ed Creek			(	CA Type: Non-M				,778.7 acres Map Location: I
	Subregions	Census 2000			nd Cover (1992		GAP Management Status	Primary Threats
100.0%	NCP 100.0%			Natural	7,608.1 ac.	97.8%	3 892.2 ac. 11.5%	
		Pop./Sq. Mi.	18	Agriculture	86.5 ac.	1.1%		
					81.6 ac.	1.0%		
				Water	2.5 ac.	0.0%		
	ne						Common Name	# Occurrer
entific Nam							Indiana or Social Myotis	
entific Nam			(					,132.6 acres Map Location:
entific Nam	Subregions	Census 2000					<b>GAP Management Status</b>	Primary Threats
entific Nam tis sodalis			_	Natural	10,516.6 ac.	86.7%		Incompatible forestry practices
entific Nam	SCP 100.0%			Agricultura	1,045.2 ac	8.6%		Residential development
entific Nam tis sodalis	SCP 100.0%	Pop./Sq. Mi. 2	295	Developed	565.9 ac.	4.7%		
100.0%	lam	lame S Creek Subregions	Pop./Sq. Mi.   Pop./Sq. Mi.	Pop./Sq. Mi. 18	Pop./Sq. Mi. 18   Agriculture   Developed   Water	Pop./Sq. Mi.	Pop./Sq. Mi.	Agriculture   86.5 ac.   1.1%   Developed   81.6 ac.   1.0%   Water   2.5 ac.   0.0%

States /irginia	Slopes				Matrix Landscape Action		,186.1 acres Map Location:
/irginia		Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
	100.0%	NRV 100.0%	Total Pop. 140	Natural	853.9 ac. 72.0%		Agricultural practices
			Pop./Sq. Mi. 76	Agriculture	199.3 ac. 16.8%		Incompatible forestry practices
				Developed	128.0 ac. 10.8%		
iable Targets				Water	4.9 ac. 0.4%		
	cientific Nan					Common Name	# Occurren
		nbergii - Juniperus virginiana / S	Schizachyrium scoparium - Ma	anfreda virginica Woo	ded Herbaceous Vegetation		w Plateau Carbonate Glades and Barren
DAST8H22 Se	enecio millefoli	ım				Blue Ridge Ragwort	
119 - Fox M	Mountain			CA Type: Non-N	Matrix Landscape Action	Site: No Total Area: 8,	,878.3 acres Map Location: M
tates		Subregions	Census 2000	Land Use/La	nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
labama	70.3%	SCP 100.0%	Total Pop. 151	Natural	8,323.1 ac. 93.7%		Fire suppression
Georgia	29.7%		Pop./Sq. Mi. 11	Agriculture	515.5 ac. 5.8%		Incompatible forestry practices
				Developed	37.2 ac. 0.4%		
iable Targets	ts			Water	2.5 ac. 0.0%		
I. Code So	cientific Nan	ne				Common Name	# Occurren
DROS0H5 Cra	rataegus triflora	3				Three-flowered Hawthorn	
120 - Greer	n Mountai	n		CA Type: Non-N	Matrix Landscape Action	Site: No Total Area: 12,	.056.0 acres Map Location: I
tates		Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
ennessee	100.0%	NRV 100.0%	Total Pop. 773	Natural	9,794.4 ac. 81.2%	· ·	•
			Pop./Sq. Mi. 41	Agriculture	2,234.4 ac. 18.5%		
				Developed	22.2 ac. 0.2%		
iable Targets	ts			Water	4.9 ac. 0.0%		
		Manustain		CA Type: Non N	Antriy Landsonna Action	Site: No. Total Area: 4	027 1 cores Man Location (
121 - Greer	iis creek l		Census 2000	• •	Matrix Landscape Action		937.1 acres Map Location: (
lahama	100.0%	SRV 100.0%	Total Pop. 301	Natural	nd Cover (1992 NLCD) 4,130.7 ac. 83.7%	GAP Management Status	Primary Threats
Alabama	100.0%	UU.U%		Natural Agriculture	4,130.7 ac. 83.7% 764.3 ac. 15.5%		
			Pop./Sq. Mi. 39	Developed	37.1 ac. 0.8%		
iable Targets	te			Water	4.9 ac. 0.1%		
				TTGIO!	T.O do. 0.170	Commercial Name	# 0 -
I. Code So MLIL20080 Tri	cientific Nan					Common Name Trailing Trillium	# Occurrer
122 - Hinds	stield Ridg				Matrix Landscape Action		909.3 acres Map Location:
states	100.00/	Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
Centucky	100.0%	NCP 100.0%	Total Pop. 80	Natural	904.3 ac. 99.5%	3 656.7 ac. 72.2%	
			Pop./Sq. Mi. 56	Agriculture	5.0 ac. 0.5%		
/iable Targets	ts						
El. Code So	Scientific Nan	20				Common Name	# Occurren
MORC1Y0 Pla						White Fringless Orchid	# Occurren
						-	
123 - Hone	ycomb Cr		Census 2000		Matrix Landscape Action nd Cover (1992 NLCD)	Site: No Total Area: 13, GAP Management Status	.054.3 acres Map Location: N
Mabama	100.0%	Subregions SCP 100.0%	Total Pop. 1,380	Natural	9,662.7 ac. 74.0%	GAP Management Status	Primary Threats Agricultural practices
чарана	100.0%	3CF 100.076	Pop./Sq. Mi. 68	Agriculture	1,984.0 ac. 15.2%		Incompatible forestry practices
			rup./3q. ivii. 00	Water	1,373.0 ac. 10.5%		incompatible forestry practices
iable Targets	<b>t</b> o			Developed	34.6 ac. 0.3%		
				Developed	04.0 00. 0.070	Common Nome	# Oppur
EI. Code So MACC0104 My	cientific Nan					Cray Myotic	# Occurren
		<u>s</u>				Gray Myotis	
	elea Mour			CA Type: Non-M		Site: Yes Total Area: 4,	
					•		
N24 - Horse States		Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	341.5 acres Map Location: N Primary Threats
States	100.0%		Total Pop. 1,445	Natural	nd Cover (1992 NLCD) 4,161.3 ac. 95.8%		
itates		Subregions		Natural Agriculture	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1%		
States Georgia	100.0%	Subregions	Total Pop. 1,445	Natural	nd Cover (1992 NLCD) 4,161.3 ac. 95.8%		
States Georgia Viable Targets	100.0%	Subregions SRV 100.0%	Total Pop. 1,445	Natural Agriculture	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1%	GAP Management Status	Primary Threats
itates Seorgia Siable Targets	100.0% ts Scientific Nan	Subregions SRV 100.0%	Total Pop. 1,445	Natural Agriculture	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1%	GAP Management Status  Common Name	Primary Threats
iable Targets I. Code Scott	100.0%  ts  Scientific Nan cutellaria monta	SRV 100.0%  ne ana	Total Pop. 1,445	Natural Agriculture	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1%	GAP Management Status  Common Name  Large-flowered Skullcap	Primary Threats # Occurren
Georgia  Geo	ts Scientific Nan cutellaria monta tyris tennesseer	SRV 100.0%  ne ana nsis	Total Pop. 1,445	Natural Agriculture Developed	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1% 44.5 ac. 1.0%	GAP Management Status  Common Name  Large-flowered Skullcap  Tennessee Yellow-eyed Gra	Primary Threats # Occurren
Georgia  Viable Targets El. Code Sc  DLAM1U0 Sc  MXYR010 Xy  125 - India	ts Scientific Nan cutellaria monta tyris tennesseer	SRV 100.0%  ne ana asis	Total Pop. 1,445 Pop./Sq. Mi. 213	Natural Agriculture Developed	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1% 44.5 ac. 1.0%  Matrix Landscape Action	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra Site: No Total Area: 13,	# Occurren
Ciable Targets Ciable Targets Ciable Targets Ciable Sco DLAM1U0 Sco MXYR010 Xy Ciable Targets Ci	ts Scientific Nan cutellaria monta yris tennesseer an Mounta	SRV 100.0%  ne ana asis  Subregions	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1% 44.5 ac. 1.0%  Matrix Landscape Action nd Cover (1992 NLCD)	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra  Site: No Total Area: 13, GAP Management Status	# Occurren
Kates Georgia  Viable Targets El. Code Sc DLAM1U0 Sc MXYR010 Xy  VI25 - India States Nabama	100.0%  ts  scientific Nan cutellaria monta yris tennesseer an Mounta  67.4%	SRV 100.0%  ne ana asis	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural	nd Cover (1992 NLCD) 4,161.3 ac. 95.8% 135.8 ac. 3.1% 44.5 ac. 1.0%  Matrix Landscape Action nd Cover (1992 NLCD) 12,409.4 ac. 94.3%	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra Site: No Total Area: 13,	# Occurrent  # Occ
States Georgia  Viable Targets El. Code Sc PDLAM100 Sc PMXYR010 Xy  N25 - India States Nabama	ts Scientific Nan cutellaria monta yris tennesseer an Mounta	SRV 100.0%  ne ana asis  Subregions	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture	Additive Landscape   Action	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra  Site: No Total Area: 13, GAP Management Status	# Occurren  ass  163.0 acres Map Location: C  Primary Threats
Georgia  Fiable Targets  El. Code Sc  DLAM1U0 Sc  MXYR010 Xy  25 - India  States  Uabama  Jeorgia	ts Scientific Nan cutellaria monte yris tennesseer an Mounta 67.4% 32.6%	SRV 100.0%  ne ana asis  Subregions	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed	Attix Landscape Action nd Cover (1992 NLCD)  4,161.3 ac. 95.8% 135.8 ac. 3.1% 44.5 ac. 1.0%  Attix Landscape Action nd Cover (1992 NLCD) 12,409.4 ac. 94.3% 437.4 ac. 3.3% 308.9 ac. 2.3%	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra  Site: No Total Area: 13, GAP Management Status	# Occurren  # Occurren  ass  [163.0 acres Map Location: C  Primary Threats  Incompatible forestry practices
Georgia  Fiable Targets  El. Code Sc  DLAM1U0 Sc  MXYR010 Xy  25 - India  States  Uabama  Jeorgia	ts Scientific Nan cutellaria monte yris tennesseer an Mounta 67.4% 32.6%	SRV 100.0%  ne ana asis  Subregions	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture	Additive Landscape   Action	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra  Site: No Total Area: 13, GAP Management Status	# Occurren  # Occurren  ass  [163.0 acres Map Location: C  Primary Threats  Incompatible forestry practices
fiable Targets El. Code Sc DLAM1U0 Sc MXYR010 Xy 425 - India States Mabama Georgia	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water	### Action of Cover (1992 NLCD)  4,161.3 ac. 95.8%  135.8 ac. 3.1%  44.5 ac. 1.0%  ###################################	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%	# Occurren  # Occurren  ass  [163.0 acres Map Location: C  Primary Threats  Incompatible forestry practices
fiable Targets El. Code Sc DLAM1U0 Sc MXYR010 Xy  125 - India States Alabama Seorgia  fiable Targets	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330	Natural Agriculture Developed  CA Type: Non-M Land Use/La Natural Agriculture Developed Water  CA Type: Non-M	### Action of Cover (1992 NLCD)  4,161.3 ac. 95.8%  135.8 ac. 3.1%  44.5 ac. 1.0%  ###################################	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%	# Occurren  ass  163.0 acres Map Location: O  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: N
A states  Georgia  A states	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6%	Subregions   SRV   100.0%	Total Pop.         1,445           Pop./Sq. Mi.         213           Census 2000         Total Pop.           Total Pop./Sq. Mi.         16	Natural Agriculture Developed  CA Type: Non-M Land Use/La Natural Agriculture Developed Water  CA Type: Non-M	Attix Landscape Action 139.4 ac. 94.3% August 24.5 ac. 94.3% August 25.5 ac. 94.3% August 26.5 ac. 94.3% Augus	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5,	# Occurren  ass  163.0 acres Map Location: C  Primary Threats Incompatible forestry practices Residential development
Fitable Targets Fil. Code Script Scri	ts cicentific Nan cutellaria monta tyris tennesseer an Mounta 67.4% 32.6% ts	Subregions   SRV   100.0%	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La	### Action  #### Action  #### Action  #### Action  #### Action  #### Action  #### Action  ##### Action  ###################################	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5,	# Occurren  ass  163.0 acres Map Location: 0  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: 0
Fitable Targets Fil. Code Sc Fi	ts cicentific Nan cutellaria monta tyris tennesseer an Mounta 67.4% 32.6% ts	Subregions   SRV   100.0%	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural	Atrix Landscape Action 137.4 ac. 0.1% 33.9 ac. 0.1% 33.9 ac. 0.1% 34.5 ac. 0.1% 44.5 ac. 1.0% 44.5 ac. 1.0% 44.5 ac. 1.0% 44.5 ac. 1.0% 45.61.5 ac. 81.3% 45.61.5 ac. 81.3%	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5,	# Occurren  ass  163.0 acres Map Location: 0  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: 0
Final Programme Commerce Comme	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6% ts e Sand Mounta	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Agriculture	Adtrix Landscape Action 137.4 ac. 94.3% 136.9 ac. 94.3% Addrix Landscape Action 12,409.4 ac. 94.3% 437.4 ac. 3.3% 308.9 ac. 2.3% 7.4 ac. 0.1% Adtrix Landscape Action Matrix Landscape Action Action 12,409.4 ac. 94.3% 437.4 ac. 3.3% 308.9 ac. 2.3% 7.4 ac. 0.1% Action 12,409.4 ac. 94.3% Action 13,409.4 ac. 94.3% 4561.5 ac. 81.3% 595.5 ac. 81.3%	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5,	# Occurren  ass  163.0 acres Map Location: 0  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: 0
A states  Georgia  A states  A state	ts Scientific Nan cutellaria monta viris tennesseer an Mounta 67.4% 32.6% ts Sand Mounta 100.0%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  Developed Water	Atrix Landscape Action 137.4 ac. 94.3% 137.4 ac. 94.3% 137.4 ac. 0.1%  Atrix Landscape Action 12,409.4 ac. 94.3% 137.4 ac. 0.1%  Activation Action 12,409.4 ac. 94.3% 138.9 ac. 2.3% 14.5 ac. 0.1%  Activation Action 15.5 ac. 81.3% 15.5 ac. 81.3% 15.5 ac. 81.3% 15.5 ac. 81.3% 17.4 ac. 0.1%	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  # Occurren  ass  163.0 acres Map Location: 0  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: 0  Primary Threats
A states  Georgia  A separate of the separate	ts Scientific Nan cutellaria monta viris tennesseer an Mounta 67.4% 32.6% ts Sand Mounta 100.0%	Subregions	Total Pop.   1,445	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N CA Type: Non-N CA Type: Non-N CA Type: Non-N	### Action   Attrix Landscape   Action	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  # Occurren  ass  163.0 acres Map Location: 0  Primary Threats  Incompatible forestry practices Residential development  611.6 acres Map Location: 0  Primary Threats
Fitable Targets Fitable Target	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6% ts E Sand Mo 100.0%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116 Pop./Sq. Mi. 13	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Agriculture Developed Water	Attix Landscape Action nd Cover (1992 NLCD)  A161.3 ac. 95.8%  135.8 ac. 3.1%  44.5 ac. 1.0%  Attix Landscape Action nd Cover (1992 NLCD)  12,409.4 ac. 94.3%  437.4 ac. 3.3%  308.9 ac. 2.3%  7.4 ac. 0.1%  Attix Landscape Action nd Cover (1992 NLCD)  4,561.5 ac. 10.6%  447.3 ac. 8.0%  7.4 ac. 0.1%  Attix Landscape Action nd Cover (1992 NLCD)  Action nd Cover (1992 NLCD)	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gra Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  ass  163.0 acres Map Location: C  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: N  Primary Threats  939.7 acres Map Location: C  Primary Threats
Grates Georgia  Fiable Targets Grates	ts Scientific Nan cutellaria monta viris tennesseer an Mounta 67.4% 32.6% ts Sand Mounta 100.0%	Subregions	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116 Pop./Sq. Mi. 13  Census 2000  Total Pop. 3,310  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Natural Agriculture Developed Natural Natural	Attrix Landscape Action   100	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  # Occurren  ass  163.0 acres Map Location: 0  Primary Threats  Incompatible forestry practices Residential development  611.6 acres Map Location: 0  Primary Threats
fiable Targets  II. Code Sc DLAM1U0 Sc MXYR010 Xy  125 - India States Ilable Targets	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6% ts E Sand Mo 100.0%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116 Pop./Sq. Mi. 13	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Natural Developed	Atrix Landscape Action  Addrix Landscape Action  nd Cover (1992 NLCD)  12,409.4 ac. 94.3%  437.4 ac. 3.3%  308.9 ac. 2.3%  7.4 ac. 0.1%  Atrix Landscape Action  Matrix Landscape Action  Action 1.0%  A	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  ass  163.0 acres Map Location: C  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: N  Primary Threats  939.7 acres Map Location: C  Primary Threats
iable Targets I. Code Sc DLAM1U0 Sc MXYR010 Xy I25 - India tates labama eorgia iable Targets I26 - Little tates ieorgia iable Targets I27 - Moss tates labama	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6% ts Sand Mounta 100.0%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116 Pop./Sq. Mi. 13  Census 2000  Total Pop. 3,310  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Natural Agriculture Developed Natural Natural	Attrix Landscape Action   100	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  ass  163.0 acres Map Location: 0  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: 0  Primary Threats  939.7 acres Map Location: 0  Primary Threats
iable Targets  I. Code SC DLAM1U0 SC WXYR010 Xy  25 - India tates labama eorgia iable Targets  126 - Little tates leorgia iable Targets  127 - Moss tates labama	ts Scientific Nan cutellaria monta yris tennesseer an Mounta 67.4% 32.6% ts Sand Mounta 100.0%	Subregions   SRV	Total Pop. 1,445 Pop./Sq. Mi. 213  Census 2000  Total Pop. 330 Pop./Sq. Mi. 16  Census 2000  Total Pop. 116 Pop./Sq. Mi. 13  Census 2000  Total Pop. 3,310  Census 2000	Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Agriculture Developed Natural Developed	Atrix Landscape Action  Addrix Landscape Action  nd Cover (1992 NLCD)  12,409.4 ac. 94.3%  437.4 ac. 3.3%  308.9 ac. 2.3%  7.4 ac. 0.1%  Atrix Landscape Action  Matrix Landscape Action  Action 1.0%  A	Common Name Large-flowered Skullcap Tennessee Yellow-eyed Gre Site: No Total Area: 13, GAP Management Status 2 516.0 ac. 3.9%  Site: No Total Area: 5, GAP Management Status	# Occurren  ass  163.0 acres Map Location: C  Primary Threats Incompatible forestry practices Residential development  611.6 acres Map Location: N  Primary Threats  939.7 acres Map Location: C  Primary Threats

	K Subragiana	Conoura 2000	•	Matrix Landscape Action		031.7 acres Map Location: E
States	Subregions 100.0%	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
Vest Virginia 100.0%	CM 100.0%	Total Pop. 235 Pop./Sq. Mi. 25		4,399.7 ac. 72.9% 1,125.9 ac. 18.7%		Impoundments/stream modification Invasive species
		Pop./Sq. IVII. 25	Developed	476.5 ac. 7.9%		invasive species
iable Targets			Water	29.6 ac. 0.5%		
			vvator	20.0 00. 0.070	ON	# 0
. Code Scientific Nan					Common Name	# Occurren
	oodplain Forests Oak Bottomla	and Forests				rests Oak Bottomland Forests
EGR03803 Floodplain Shrub EGR06802 Shallow Freshwa					Floodplain Shrublands Shallow Freshwater vegetat	ion
			OA Towns Now A	Antoin I amelanama Antina	•	
129 - Newsome Sink		Camaria 2000		Matrix Landscape Action and Cover (1992 NLCD)		926.0 acres Map Location: N
tates	Subregions	Census 2000	1	, ,	GAP Management Status	Primary Threats
Alabama 100.0%	SCP 100.0%	<u>Total Pop.</u> 872 Pop./Sq. Mi. 56		8,582.1 ac. 86.5% 1,282.1 ac. 12.9%		
		Pop./Sq. Mi. 56	Developed	46.9 ac. 0.5%		
iable Targets			Water	14.8 ac. 0.1%		
I. Code Scientific Nan	••		vater	14.0 00. 0.170	Common Name	# Occurren
PASP021E Asplenium scolo					Hart's-tongue Fern	# Occurrent
					•	
130 - Prairie Grove (			•	Matrix Landscape Action		473.5 acres Map Location: M
itates	Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
labama 100.0%	SCP 100.0%	Total Pop. 75		1,389.0 ac. 56.2%		Fire suppression
		Pop./Sq. Mi. 19		1,079.5 ac. 43.6% 5.0 ac. 0.2%		Mining practices
iable Torrets			Developed	5.0 ac. 0.2%		
iable Targets						" 0
I. Code Scientific Nan		Compley			Common Name	# Occurren
	Moulton Valley Limestone Glade		um Horbosoons Va	tation		lley Limestone Glade Complex
	ressa - Schoenolirion croceum - labamica var. alabamica	Garex Grawer - Allium Cernu	um nervaceous vege	lauuii	Appaiachian and interior Lo Alabama Gladecress	w Plateau Carbonate Glades and Barren
DBRA1L01 Leavenwoπnia a DBRA1N12 Lesquerella lyrat					Lyrate Bladderpod	
DFAB0F8S Astragalus tenne					Tennessee Milk-vetch	
	folium var. harperi				Harper's Umbrella-plant	
DPOR0805 Talinum calcarica					Limestone Fame-flower	
DRAN0B01 Delphinium alaba					Alabama Larkspur	
31 - Pumpkinvine C			CA Type: Non-N	Matrix Landscape Action	•	893.7 acres Map Location: C
tates	Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
Georgia 100.0%	SRV - BUFF 53.7%	Total Pop. 1,689		11,425.7 ac. 88.6%	OAI Management Otatus	Incompatible forestry practices
ocorgia 100.070	SRV 46.3%	Pop./Sq. Mi. 84	Agriculture	1,199.1 ac. 9.3%		Industrial/municipal pollution
	OTTV 40.570	1 op./oq. ivii. 04	Developed	236.9 ac. 1.8%		Residential development
iable Targets			Water	32.1 ac. 0.2%		. tosidoritiai dovolopinorit
	20				Common Nama	# 022
II. Code Scientific Nan MLIL200G0 Trillium lancifoliu					Common Name Narrow-leaved Trillium	# Occurren
			CA Toward 1	Antriu I and 1		604.2 00000
132 - Red Mountain	<u> </u>		•	Matrix Landscape Action		604.2 acres Map Location: C
States	Subregions	Census 2000		nd Cover (1992 NLCD)	GAP Management Status	Primary Threats
Mabama 100.0%	SCP 81.7%	Total Pop. 373		5,211.5 ac. 93.0%		Incompatible forestry practices
	SRV 18.3%	Pop./Sq. Mi. 43		373.0 ac. 6.7%		Residential development
			Developed	17.3 ac. 0.3%		
Cabla Tannata			Water			
				2.5 ac. 0.0%		
I. Code Scientific Nan				2.5 ac. 0.0%	Common Name	# Occurrence
I. Code Scientific Nan MLIL20080 Trillium decumbe	ens			2.5 ac. 0.0%	Trailing Trillium	# Occurrenc
II. Code Scientific Nan MLIL20080 Trillium decumbe	ens			2.5 ac. 0.0%		
Tiable Targets  El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  133 - Rye Cove Kars	ens ra		•	Matrix Landscape Action	Trailing Trillium Croomia  Site: No Total Area: 4,	# Occurrence 277.3 acres Map Location: 0
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia pauciflo  133 - Rye Cove Kars  States	ens era t Subregions	Census 2000	Land Use/La	Matrix Landscape Action nd Cover (1992 NLCD)	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status	277.3 acres Map Location: Primary Threats
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia pauciflo  133 - Rye Cove Kars  itates	ens era t	Total Pop. 313	Land Use/La Natural	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6%	Trailing Trillium Croomia  Site: No Total Area: 4,	277.3 acres Map Location: Primary Threats Agricultural practices
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia pauciflo  133 - Rye Cove Kars  tates	ens era t Subregions		Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status	277.3 acres Map Location: Primary Threats
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  133 - Rye Cove Kars  States  Griginia 100.0%	ens era t Subregions	Total Pop. 313	Land Use/La Natural	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status	277.3 acres Map Location: ( Primary Threats Agricultural practices
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio 133 - Rye Cove Kars tates Triginia 100.0%	t Subregions NRV 100.0%	Total Pop. 313	Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices
I. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio  133 - Rye Cove Kars tates irginia 100.0%  iable Targets I. Code Scientific Nan	sons ra  t  Subregions  NRV 100.0%	Total Pop. 313	Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio  133 - Rye Cove Kars  States Virginia 100.0%  Viable Targets El. Code Scientific Nan	sons ra  t  Subregions  NRV 100.0%	Total Pop. 313	Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%	277.3 acres Map Location: ( Primary Threats Agricultural practices
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio  133 - Rye Cove Kars States Virginia 100.0%	sons rea  t Subregions NRV 100.0% ne	Total Pop. 313 Pop./Sq. Mi. 47	Land Use/La Natural Agriculture Developed  CA Type: Non-N	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: O
il. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  133 - Rye Cove Karsi tates Tignia 100.0%  Tiable Targets II. Code Scientific Nan DAST8H22 Senecio millefolia  134 - Sand Mountain tates	sons rea  t Subregions NRV 100.0%  ne out Subregions	Total Pop. 313 Pop./Sq. Mi. 47  Census 2000	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La	### Action Indicates Action Ind Cover (1992 NLCD)  2,976.8 ac. 69.6%  1,293.1 ac. 30.2%  7.4 ac. 0.2%  ###################################	Trailing Trillium	277.3 acres Map Location:  Primary Threats  Agricultural practices Incompatible forestry practices  # Occurrence
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific I33 - Rye Cove Karsi tates Finginia 100.0% Iable Targets II. Code Scientific Nan DASTBH22 Senecio millefolia I34 - Sand Mountain tates	sons ra  t Subregions NRV 100.0%  ne	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural	Alatrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: 0
il. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  133 - Rye Cove Karsi tates Tignia 100.0%  Tiable Targets II. Code Scientific Nan DAST8H22 Senecio millefolia  134 - Sand Mountain tates	sons rea  t Subregions NRV 100.0%  ne out Subregions	Total Pop. 313 Pop./Sq. Mi. 47  Census 2000	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: 0
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia pauciflo 133 - Rye Cove Kars States Figinia 100.0%  Fiable Targets El. Code Scientific Nan DAST8H22 Senecio millefolia 134 - Sand Mountain States Habama 100.0%	sons rea  t Subregions NRV 100.0%  ne out Subregions	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action and Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: 0
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia pauciflo I33 - Rye Cove Kars tates Triginia 100.0%  Iable Targets II. Code Scientific Nan DAST8H22 Senecio millefolii I34 - Sand Mountain tates Ilabama 100.0%	sons rea  t Subregions NRV 100.0%  ne out Subregions	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: 0
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio  I33 - Rye Cove Kars tates Triginia 100.0%  Iable Targets II. Code Scientific Nan DASTBH22 Senecio millefolia  I34 - Sand Mountain tates Jabama 100.0%	Subregions NRV 100.0%  ne Subregions Subregions Subregions Subregions SRV 100.0%	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action and Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: O Primary Threats
I. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  I33 - Rye Cove Karsi tates Iiable Targets I. Code Scientific Nan DASTBH22 Senecio millefolia  I34 - Sand Mountair tates Ilabama 100.0%  Iable Targets I. Code Scientific Nan	Subregions  NRV 100.0%  December 100.0%  Subregions  Subregions  SRV 100.0%	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action and Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: O Primary Threats
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific II.3 - Rye Cove Karsi tates II. Code Scientific Nan DASTBH22 Senecio millefolia II.4 - Sand Mountair tates II. Bahama 100.0% III. Code Scientific Nan DASTBH22 Senecio millefolia III. Code Scientific Nan DASTBH22 Senecio millefolia II. Code Scientific Nan DRANOB01 Delphinium alaba	Subregions  NRV 100.0%  ne  J Subregions  Subregions  Subregions  SRV 100.0%	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur	277.3 acres Map Location:  Primary Threats Agricultural practices Incompatible forestry practices  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific II. Code Scientific Nan DAST8H22 Senecio millefolii II. Code Scientific Nan DAST8H212 Senecio millefolii II. Code Scientific Nan DAST8H212 Senecio millefolii II. Code Scientific Nan DRAN0B01 Delphinium alabe II. Code Scientific Nan DRAN0B01 Delphinium alabe II. Shades Mountair	Subregions  NRV 100.0%  NRV 100.0%  NRV 100.0%  NRV 100.0%	Total Pop.         313           Pop./Sq. Mi.         47           Census 2000           Total Pop.         300	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N	Astrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Astrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1,	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence  #52.3 acres Map Location: O Primary Threats # Occurrence # Occurrence
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific I33 - Rye Cove Kars Itates Iiable Targets II. Code Scientific Nan DAST8H22 Senecio millefolia I34 - Sand Mountair Itates III. Code Scientific Nan DASTBH21 Senecio millefolia I35 - Shades Mountair III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions  Subregions  NRV 100.0%  Subregions  Subregions  SRV 100.0%  The amicum  Subregions  Subregions  SRV 500.0%	Total Pop. 313   Pop./Sq. Mi. 47	Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: O Primary Threats # Occurrence # Occurrence # Occurrence # Occurrence # Primary Threats
I. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  I33 - Rye Cove Kars  Iates II. Code Scientific Nan DAST8H22 Senecio millefolii  I34 - Sand Mountair Iates Iabama 100.0%  Iable Targets I. Code Scientific Nan DAST8H20 Senecio millefolii  I35 - Shades Mountair III. Code Scientific Nan III. Code Scientific N	Subregions  NRV 100.0%  NRV 100.0%  NRV 100.0%  NRV 100.0%	Total Pop. 313   Pop./Sq. Mi. 47   Census 2000   Total Pop. 300   Pop./Sq. Mi. 50   Census 2000   Total Pop. 70	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Agriculture Developed Natural	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrent
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific I33 - Rye Cove Kars Itates Iiable Targets II. Code Scientific Nan DAST8H22 Senecio millefolia I34 - Sand Mountair Itates III. Code Scientific Nan DASTBH21 Senecio millefolia I35 - Shades Mountair III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions  Subregions  NRV 100.0%  Subregions  Subregions  SRV 100.0%  The amicum  Subregions  Subregions  SRV 500.0%	Total Pop. 313   Pop./Sq. Mi. 47	CA Type: Non-N Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Developed	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action and Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7%	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: C Primary Threats # Occurrence
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific II. Code Scientific Nan DASTBH22 Senecio millefolia III. Code Scientific Nan DASTBH22 Senecio millefolia III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions  Subregions  NRV 100.0%  Subregions  Subregions  SRV 100.0%  The amicum  Subregions  Subregions  SRV 500.0%	Total Pop. 313   Pop./Sq. Mi. 47   Census 2000   Total Pop. 300   Pop./Sq. Mi. 50   Census 2000   Total Pop. 70	CA Type: Non-N Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Developed Agriculture	### Action	Trailing Trillium	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: C Primary Threats # Occurrence
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucifio I33 - Rye Cove Kars Iatates Iiable Targets II. Code Scientific Nan DAST8H22 Senecio millefolia I34 - Sand Mountair Iatates III. Code Scientific Nan DAST8H22 Senecio millefolia I34 - Sand Mountair Iatates III. Code Scientific Nan DRAN0B01 Delphinium alaba I35 - Shades Mountait Iatates III. Look Scientific Nan DRAN0B01 Delphinium alaba III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions NRV 100.0%  Subregions NRV 100.0%  Subregions SRV 100.0%  The amicum Subregions SRV 100.0%	Total Pop. 313   Pop./Sq. Mi. 47   Census 2000   Total Pop. 300   Pop./Sq. Mi. 50   Census 2000   Total Pop. 70	CA Type: Non-N Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7% 52.3 ac. 3.3% 12.5 ac. 0.8%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status 2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: C Primary Threats # Occurrence # Occurrence # Occurrence # Occurrence # Occurrence # Residential development
ii. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Cromia paucific  133 - Rye Cove Kars  itates Triginia 100.0%  Ii. Code Scientific Nan DASTBH22 Senecio millefoli  itates II. Code Scientific Nan DASTBH25 Senecio millefoli  itates II. Code Scientific Nan DRAN0B01 Delphinium alabe III. Code Scientific Nan DRAN0B01 Delphinium alabe	Subregions  RRV 100.0%  Subregions  Subregions  Subregions  SRV 100.0%  Include the control of t	Census 2000           Total Pop.         300           Pop./Sq. Mi.         50           Census 2000         50           Total Pop.         300           Pop./Sq. Mi.         50	CA Type: Non-N Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Developed Agriculture Water  CA Type: Non-N	### Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrent
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific IS33 - Rye Cove Kars Itates III. Code Scientific Nan DAST8H22 Senecio millefolia IS4 - Sand Mountair Itates III. Code Scientific Nan DAST8H20 Senecio millefolia IS4 - Sand Mountair Itates III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions Subregions NRV 100.0%  Subregions SRV 100.0%  Include the subregions SRV 100.0%  Subregions SRV 100.0%  Corridor Subregions	Total Pop. 313   Pop./Sq. Mi. 47	CA Type: Non-N Land Use/La Natural Agriculture Developed  CA Type: Non-N Land Use/La Natural Agriculture Developed Water  CA Type: Non-N Land Use/La Natural Developed Agriculture Water  CA Type: Non-N Land Use/La Agriculture CA Type: Non-N Land Use/La Land Use/La	### Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence 852.3 acres Map Location: C Primary Threats # Occurrence # Occurrence # Occurrence # Occurrence # Occurrence # Residential development
El. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific  133 - Rye Cove Kars States Finginia 100.0%  Finable Targets El. Code Scientific Nan DAST8H22 Senecio millefolia  134 - Sand Mountair Estates Finable Targets El. Code Scientific Nan DRAN0801 Delphinium alabe  135 - Shades Mountair Estates	Subregions  RRV 100.0%  Subregions  Subregions  Subregions  SRV 100.0%  Include the control of t	Total Pop. 313   Pop./Sq. Mi. 47	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7% 52.3 ac. 3.3% 12.5 ac. 0.8%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7% 52.3 ac. 3.3% Matrix Landscape Action nd Cover (1992 NLCD) 1,880.4 ac. 96.2%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  2 583.6 ac. 13.6%  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence  # O
II. Code Scientific Nan MLIL20080 Trillium decumbe MSTE0101 Croomia paucific IS33 - Rye Cove Kars Itates III. Code Scientific Nan DAST8H22 Senecio millefolia IS4 - Sand Mountair Itates III. Code Scientific Nan DAST8H20 Senecio millefolia IS4 - Sand Mountair Itates III. Code Scientific Nan DRAN0B01 Delphinium alaba	Subregions Subregions NRV 100.0%  Subregions SRV 100.0%  Include the subregions SRV 100.0%  Subregions SRV 100.0%  Corridor Subregions	Total Pop. 313   Pop./Sq. Mi. 47	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural Agriculture Water	### Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrence  # O
Scientific Nan MLI20080 Trillium decumbe MSTE0101 Croomia paucific  33 - Rye Cove Kars tates Iriginia 100.0%  Itable Targets Itable Targets Itable Senecio millefolia  34 - Sand Mountair Itates Itable Targets Italian Targets Ita	Subregions Subregions NRV 100.0%  Subregions SRV 100.0%  Include the subregions SRV 100.0%  Subregions SRV 100.0%  Corridor Subregions	Total Pop. 313   Pop./Sq. Mi. 47	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Natural Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural	Matrix Landscape Action nd Cover (1992 NLCD) 2,976.8 ac. 69.6% 1,293.1 ac. 30.2% 7.4 ac. 0.2%  Matrix Landscape Action nd Cover (1992 NLCD) 2,941.7 ac. 76.4% 841.5 ac. 21.8% 66.6 ac. 1.7% 2.5 ac. 0.1%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7% 52.3 ac. 3.3% 12.5 ac. 0.8%  Matrix Landscape Action nd Cover (1992 NLCD) 1,442.0 ac. 91.2% 74.7 ac. 4.7% 52.3 ac. 3.3% Matrix Landscape Action nd Cover (1992 NLCD) 1,880.4 ac. 96.2%	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurren  852.3 acres Map Location: O Primary Threats # Occurren  581.4 acres Map Location: O Primary Threats Residential development
Code Scientific Nan MLI20080 Trillium decumbe MSTE0101 Croomia paucific  33 - Rye Cove Kars tates Irginia 100.0%  Itable Targets Code Scientific Nan DAST8H22 Senecio millefolia  34 - Sand Mountair Itates Iabama 100.0%  Itable Targets Code Scientific Nan DRAN0B01 Delphinium alaba  35 - Shades Mountair Itates I	Subregions  Subregions  NRV 100.0%  NRV 100.0%  NRV 100.0%  NRV 100.0%  Subregions  SRV 100.0%  Corridor Subregions  NCP 100.0%	Total Pop. 313   Pop./Sq. Mi. 47	Land Use/La  Natural Agriculture Developed  CA Type: Non-N Land Use/La  Agriculture Developed Water  CA Type: Non-N Land Use/La  Natural Developed Agriculture Water  CA Type: Non-N Land Use/La  Natural Agriculture Water	### Action	Trailing Trillium Croomia  Site: No Total Area: 4, GAP Management Status  Common Name Blue Ridge Ragwort  Site: No Total Area: 3, GAP Management Status  Common Name Alabama Larkspur  Site: No Total Area: 1, GAP Management Status	277.3 acres Map Location: Primary Threats Agricultural practices Incompatible forestry practices # Occurrent

N37 - Sm	nokehole/G	oochland Cave	e Area			CA Type: Non-Matri	x Landscape	Action	Site: No	Total A	rea: 2	,886.1 acres	Map Location: E
States		Subregions		Census 2000		Land Use/Land	Cover (1992	NLCD)	GAP	Managemei	nt Status	Primary Threat	s
Kentucky	100.0%	NCP	100.0%	Total Pop. Pop./Sq. Mi.	120 27	Natural :	2,868.8 ac. 17.3 ac.	99.4% 0.6%	3	877.7 ac.	30.4%	Agricultural prac Incompatible red	
/iable Tarç	gets				,								
I. Code	Scientific Na	me								Common Na			# Occurren
MACC0110	Myotis sodalis									Indiana or Soc	ial Myotis		
	aws Creek					CA Type: Non-Matri							Map Location:
States Kentucky	100.0%	Subregions NCP	100.0%	Total Pop.	206	Land Use/Land ( Natural	1,962.3 ac.	88.0%	<b>GAP</b>	Managemei 887.8 ac.	39.8%	Primary Threat Fire suppression	
		1101	100.070	Pop./Sq. Mi.	59	Agriculture	266.6 ac.	12.0%	U	007.0 00.	00.070	Incompatible for	
/iable Targ													
El. Code	Scientific Na	me ove (Mixed Mesophyti	ic) Forests							Common Na Annalachian C		Mesophytic) Forests	# Occurren
	urgeon Cree	` ' '	10/1 0/000			CA Type: Non-Matri	x I andscane	Action					Map Location: E
States	urgeon cree	Subregions		Census 2000		Land Use/Land				Managemei		Primary Threat	_
Kentucky	100.0%	NCP '	100.0%	Total Pop.	137		7,700.4 ac.	96.3%	3	400.7 ac.	5.0%	Incompatible for	estry practices
				Pop./Sq. Mi.	11	Agriculture	172.5 ac.	2.2%				Mining practices	<u> </u>
/iable Te	note					Developed Water	120.8 ac. 2.5 ac.	1.5% 0.0%					
<b>/iable Tarç</b> El. Code	gets Scientific Nar	me				Innarci	2.0 ac.	0.070		Common Na	ame		# Occurren
EGR03801		loodplain Forests M	Mixed Hardw	ood Bottomland Fores	sts						Floodplain Fo	orests Mixed Hardwo	
	m Cat Prair					CA Type: Non-Matri	x Landscape	Action				,041.0 acres N	Map Location: C
States	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Subregions		Census 2000		Land Use/Land				Managemei		Primary Threat	•
Alabama	100.0%	SRV	100.0%	Total Pop.	121		1,270.4 ac.	62.2%				Fire suppression	
				Pop./Sq. Mi.	38	Agriculture Developed	758.2 ac. 7.5 ac.	37.1% 0.4%				Incompatible for	estry practices
/iable Targ	aets					Water	7.5 ac. 5.0 ac.	0.4%					
	-	Waterahad							Sito: No	Total A	roa: 14	,966.8 acres	Map Location: F
N41 - Up States	per Canaba	Subregions		Census 2000		CA Type: Non-Matri Land Use/Land				Managemei		966.8 acres Primary Threat	
Mabama	100.0%		100.0%		1,171		4,205.8 ac.	94.9%	OA!	ugamei		ary rineat	-
				Pop./Sq. Mi.	178	Agriculture	385.5 ac.	2.6%					
						Developed	242.2 ac.	1.6%					
/iable Targ	gets					Water	133.4 ac.	0.9%					
	per Gurley					CA Type: Non-Matri							Map Location: F
States Nabama	100.0%	SRV SRV	100.0%	Census 2000 Total Pop.	1,596	Land Use/Land ( Natural	3,410.7 ac.	NLCD) 88.0%	GAP	Managemei	nt Status	Primary Threat Incompatible for	
าเฉบฉเปล	100.070	OIN	100.070	Pop./Sq. Mi.	263	Agriculture	441.5 ac.	11.4%				Residential deve	
						Developed	14.9 ac.	0.4%					,
/iable Tarç	gets					Water	9.9 ac.	0.3%					
El. Code	Scientific Na									Common Na			# Occurren
	Neviusia alaban									Alabama Snow			
	eisner Moun			Concus cooc		CA Type: Non-Matri	•						Map Location: C
States Alabama	100.0%	SRV SRV	100.0%	Total Pop.	217	Land Use/Land ( Natural	7,432.9 ac.	89.3%	GAP	Managemei	iii otatus	Primary Threat Fire suppression	
availla	100.070	OTT	. 55.570	Pop./Sq. Mi.	17	Agriculture	647.9 ac.	7.8%				Incompatible for	
						Developed	241.4 ac.	2.9%					
/iable Targ	gets					Water	2.5 ac.	0.0%					
601 - Bal	ld Knob					CA Type: Functiona			Site: No			773.4 acres N	Map Location: N
States		Subregions	100	Census 2000	4=-1	Land Use/Land (			GAP	Managemei	nt Status	Primary Threat	s
Alabama	100.0%	SCP '	100.0%	Total Pop.	160	Natural	693.8 ac.	89.7%					
				Pop./Sq. Mi.	133	Agriculture Developed	57.2 ac. 22.4 ac.	7.4% 2.9%					
								0,0					
/iable Tard	gets					04 T	1.0:1-	Action	Site: No	Total A	rea:	773.4 acres N	Map Location:
	<u> </u>					CA Type: Functiona	i Site						
502 - Bar	gets rn's Chapel	Subregions		Census 2000		Land Use/Land			GAP	Managemei	nt Status	Primary Threat	•
502 - Bar States	<u> </u>		100.0%	Total Pop.	2	Land Use/Land ( Natural	Cover (1992 661.5 ac.	NLCD) 85.5%	GAP	Managemei	nt Status	Primary Threat	•
602 - Bar States /irginia	100.0%		100.0%		2 2	Land Use/Land	Cover (1992	NLCD)	GAP	Managemei	nt Status	Primary Threat	•
602 - Bar States /irginia /iable Tarç	100.0%	NRV	100.0%	Total Pop.		Land Use/Land ( Natural	Cover (1992 661.5 ac.	NLCD) 85.5%		Managemen		Primary Threat	s
States /irginia /iable Targ	100.0%  gets  Scientific Nati	MRV me ggs, Fens, and Seeps		Total Pop.		Land Use/Land ( Natural	Cover (1992 661.5 ac.	NLCD) 85.5%		Common Na Appalachian B	ame ogs, Fens, ar	nd Seeps	s
States /irginia /iable Targ El. Code CEGR04704 PDSAX0P06	rn's Chapel  100.0%  gets  Scientific Nata Appalachian Both Parnassia grand	me gs, Fens, and Seeps difolia		Total Pop.		Land Use/Land ( Natural Agriculture	661.5 ac. 111.9 ac.	85.5% 14.5%		Common Na Appalachian B Large-leaved (	ame logs, Fens, al Grass-of-parn	nd Seeps nassus	# Occurren
SO2 - Bar States Virginia Viable Targ El. Code CEGR04704 PDSAX0P06 SO3 - Bea	100.0%  gets  Scientific Nati	me gs, Fens, and Seeps lifolia vines		Total Pop. Pop./Sq. Mi.		Land Use/Land ( Natural Agriculture  CA Type: Functiona	661.5 ac. 111.9 ac.	85.5% 14.5% Action	Site: No	Common Na Appalachian B Large-leaved ( Total Ai	ame logs, Fens, ar Grass-of-parm	nd Seeps nassus 773.4 acres	# Occurren
States  Virginia  Viable Targ  El. Code  CEGR04704  PDSAX0P06  603 - Bea	rn's Chapel  100.0%  gets  Scientific Nai Appalachian Bo Pamassia grand ar Creek Ra	me ggs, Fens, and Seeps difolia vines Subregions	3	Total Pop. Pop./Sq. Mi.  Census 2000	2	Land Use/Land ( Natural Agriculture  CA Type: Functiona Land Use/Land (	661.5 ac. 111.9 ac. I Site Cover (1992	NLCD) 85.5% 14.5% Action NLCD)	Site: No	Common Na Appalachian B Large-leaved (	ame logs, Fens, ar Grass-of-parm	nd Seeps nassus	# Occurren
States  Virginia  Viable Targ  El. Code  CEGR04704  PDSAX0P06  603 - Bea	rn's Chapel  100.0%  gets  Scientific Nata Appalachian Both Parnassia grand	me gs, Fens, and Seeps lifolia vines	3	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	49	Land Use/Land ( Natural Agriculture  CA Type: Functiona Land Use/Land ( Natural	661.5 ac. 111.9 ac. 1 Site Cover (1992 657.9 ac.	85.5% 14.5% Action NLCD) 85.1%	Site: No	Common Na Appalachian B Large-leaved ( Total Ai	ame logs, Fens, ar Grass-of-parm	nd Seeps nassus 773.4 acres	# Occurren
States Virginia Viable Targ El. Code CEGR04704 PDSAX0P06	rn's Chapel  100.0%  gets  Scientific Nai Appalachian Bo Pamassia grand ar Creek Ra	me ggs, Fens, and Seeps difolia vines Subregions	3	Total Pop. Pop./Sq. Mi.  Census 2000	2	Land Use/Land ( Natural Agriculture  CA Type: Functiona Land Use/Land (	661.5 ac. 111.9 ac. I Site Cover (1992	NLCD) 85.5% 14.5% Action NLCD)	Site: No	Common Na Appalachian B Large-leaved ( Total Ai	ame logs, Fens, ar Grass-of-parm	nd Seeps nassus 773.4 acres	# Occurrence # Ap Location: N
502 - Bar States /irginia /iable Targ EEL Code DEGR04704 PDSAX0P06 503 - Bea States	gets Scientific Nat Appalachian Bo Parnassia grand ar Creek Ra  100.0%	me ggs, Fens, and Seeps difolia vines Subregions	3	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	49	Land Use/Land ( Natural Agriculture  CA Type: Functiona Land Use/Land ( Natural Agriculture	661.5 ac. 111.9 ac.  I Site  Cover (1992 657.9 ac. 75.3 ac.	85.5% 14.5% Action NLCD) 85.1% 9.7%	Site: No	Common Na Appalachian B Large-leaved ( Total Ai	ame logs, Fens, ar Grass-of-parm	nd Seeps nassus 773.4 acres	# Occurrence # Ap Location: N
States  Virginia  Viable Targ  El. Code  CEGR04704  PDSAX0P06  603 - Bea	gets Scientific Nat Appalachian Bo Parnassia grand ar Creek Ra  100.0%	me gs, Fens, and Seeps difolia vines Subregions SCP - BUFF	3	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	49	Land Use/Land ( Natural Agriculture  CA Type: Functiona Land Use/Land ( Natural Agriculture Water	I Site  Cover (1992 661.5 ac. 111.9 ac.  I Site Cover (1992 657.9 ac. 75.3 ac. 35.2 ac.	85.5% 14.5% Action NLCD) 85.1% 9.7% 4.5%	Site: No GAP	Common Na Appalachian B Large-leaved ( Total Ai	ame ogs, Fens, ai Grass-of-parr rea: nt Status	nd Seeps nassus 773.4 acres Primary Threat	# Occurrence # Ap Location: N

	Creek Sa	ndstone Glade			CA Type: Function	nal Site Act	tion Site: No	Total Area:	773.4 acres Ma	p Location: O15
States		Subregions	Census 2000			d Cover (1992 NLCI	D) GAF	Management Status	Primary Threats	
Alabama	100.0%	SCP 100.0%	Total Pop.	619	Natural	616.2 ac. 79.7				
			Pop./Sq. Mi.	513	Developed	124.7 ac. 16.1				
					Agriculture	32.4 ac. 4.2	2%			
Viable Target El. Code S	ts Scientific Nan							Common Name		# Occurrences
		ne ii - Coreopsis pulchra - Liatris i	microcenhala Herhace	nus Vene	tation			Appalachian Sandstone Gl	ades and Barrens	# Occurrences
PDAST4N0U H			morocopridia Fiorbacci	Juo Vogo	tution .			Longleaf Sunflower	ados ana Barrono	
PDFAG052F Q								Boynton's Sand Post Oak		
PDPOR080 Ta	alinum menges	ii						Menge's Fame-flower		
PMLIL1S030 S	choenolirion wr	ightii						Texas Sunnybell		
S05 - Boaz	Pond				CA Type: Function	nal Site Act	tion Site: No	Total Area:	773.4 acres <b>M</b> a	p Location: N16
States		Subregions	Census 2000			d Cover (1992 NLCI		Management Status	Primary Threats	
Alabama	100.0%	SCP 100.0%	Total Pop.	183	Agriculture	527.1 ac. 68.2				
			Pop./Sq. Mi.	152	Natural Developed	243.8 ac. 31.5 2.5 ac. 0.3	<u>3%</u> 3%			
Viable Target	te				Developed	2.5 ac. 0.0	3 70			
	cientific Nan							Common Name		# Occurrences
PDSAR0205 Sa								Green Pitcher Plant		# 000aironoo
S06 - Buck					CA Type: Function	nal Site Act	tion Site: No		773.4 acres <b>Ma</b>	p Location: N16
States		Subregions	Census 2000			d Cover (1992 NLCI		Management Status	Primary Threats	
Alabama	100.0%	SCP 100.0%	Total Pop.	72	Natural	395.4 ac. 51.1		• • • • • • • •	,	
			Pop./Sq. Mi.	60	Water	211.4 ac. 27.3				
					Developed	84.6 ac. 10.9				
Viable Target	ts				Agriculture	82.1 ac. 10.6	6%			
S07 - Carbo	ondale Sw	amp			CA Type: Function	nal Site Act	tion Site: No	Total Area:	773.4 acres <b>M</b> a	p Location: M12
States		Subregions	Census 2000		Land Use/Lan	d Cover (1992 NLCI	D) GAF	Management Status	Primary Threats	
Georgia	100.0%	SRV 100.0%	Total Pop.	21	Natural	613.3 ac. 79.3				
			Pop./Sq. Mi.	17	Agriculture	145.3 ac. 18.8				
					Developed	14.8 ac. 1.9	9%			
Viable Target El. Code S	ts Scientific Nan							Common Name		# Occurrences
PMLIL200Q0 Ti		ic						Least Trillium		# Occurrences
S08 - Centi					CA Type: Function	nal Site Act	tion Site: No		773.4 acres <b>Ma</b>	p Location: O14
States	ic bog	Subregions	Census 2000			d Cover (1992 NLCI		Management Status	Primary Threats	p Location.
Alabama	100.0%	SRV 100.0%	Total Pop.	130	Agriculture	354.3 ac. 45.8			. ,	
			Pop./Sq. Mi.	108	Natural	324.3 ac. 41.9	9%			
					Water	54.9 ac. 7.1				
Viable Target	ts				Developed	39.9 ac. 5.2	2%			
	cientific Nan							Common Name		# Occurrences
PDSAR0205 S								Green Pitcher Plant		
S09 - Chity	vood Barr				CA Type: Function		tion Site: No			p Location: M14
States	100.0%	Subregions SCP 100.0%	Census 2000	04		d Cover (1992 NLCI 386.7 ac. 50.0		Management Status	Primary Threats	
Alabama	100.0%	SCP 100.0%	Total Pop. Pop./Sq. Mi.	94 78	Agriculture Natural	386.7 ac. 50.0 384.3 ac. 49.7			Fire suppression	
			i op./oq. ivii.	70	Natural	JUT.J GC. TJ.	70			
Viable Target					Water	2.4 ac. 0.3	3%			
viable larget	ts				Water	2.4 ac. 0.3	3%			
	ts Scientific Nan	 ne			Water	2.4 ac. 0.3	3%	Common Name		# Occurrences
	cientific Nan				Water	2.4 ac. 0.3	3%	Common Name Green Pitcher Plant		# Occurrences
El. Code S	Scientific Nan arracenia oreop				Water  CA Type: Function		ion Site: N	Green Pitcher Plant	773.4 acres <b>M</b> a	# Occurrences
EI. Code S PDSAR0205 S	Scientific Nan arracenia oreop	Subregions	Census 2000		CA Type: Functio		tion Site: N	Green Pitcher Plant	773.4 acres Ma	
El. Code S PDSAR0205 S S10 - Clear	Scientific Nan arracenia oreop	phila	Total Pop.	129	CA Type: Functio Land Use/Lan Natural	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6	tion Site: No D) GAF	Green Pitcher Plant  Total Area:		
EI. Code S PDSAR0205 S <b>S10 - Clear States</b> Georgia	Gcientific Nan arracenia oreop Creek	Subregions			CA Type: Functio	nal Site Act d Cover (1992 NLCI	tion Site: No D) GAF	Green Pitcher Plant  Total Area:		
EI. Code S PDSAR0205 S <b>S10 - Clear States</b> Georgia	Gcientific Nan arracenia oreop Creek	Subregions	Total Pop.	129	CA Type: Functio Land Use/Lan Natural	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6	tion Site: No D) GAF	Green Pitcher Plant  Total Area:		
EI. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target	ccientific Nan arracenia oreop Creek	Subregions SRV 100.0%	Total Pop.	129	CA Type: Functio Land Use/Lan Natural	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6	tion Site: No D) GAF	Green Pitcher Plant  Total Area:  Management Status		p Location: N12
EI. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target El. Code S	cicientific Nan arracenia oreop Creek 100.0% ts	Subregions SRV 100.0%	Total Pop.	129	CA Type: Functio Land Use/Lan Natural	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6	tion Site: No D) GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name	Primary Threats	
El. Code S PDSAR0205 S. S10 - Clear States Georgia Viable Target El. Code S PMXYR010 X	ccientific Nan arracenia oreop Creek 100.0% ts	Subregions SRV 100.0%  ne	Total Pop.	129 107	CA Type: Function  Land Use/Lan  Natural  Agriculture	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6 381.8 ac. 49.4	tion Site: No. GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr	Primary Threats	# Occurrences
El. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X  S11 - Colur	ccientific Nan arracenia oreop Creek 100.0% ts	Subregions SRV 100.0%  ne ensis	Total Pop. Pop./Sq. Mi.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6 381.8 ac. 49.4	tion Site: No. 15 No. 1	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gro  Total Area:	Primary Threats  73.4 acres Ma	p Location: N12
El. Code S PDSAR0205 S. S10 - Clear States Georgia Viable Target El. Code S PMXYR010 X	ccientific Nan arracenia oreop Creek 100.0% ts	Subregions SRV 100.0%  ne	Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6 381.8 ac. 49.4	tion Site: No D) GAF 3% 4% tion Site: No D) GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr	Primary Threats	# Occurrences
EI. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X S11 - Colur States	ccientific Nan arracenia oreop Creek 100.0% ts ccientific Nan yris tennesseer mbiana Mo	Subregions SRV 100.0%  ne ne nsis  Duntain Subregions	Total Pop. Pop./Sq. Mi.  Census 2000	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan	nal Site Act d Cover (1992 NLCI 391.6 ac. 50.6 381.8 ac. 49.4 nal Site Act d Cover (1992 NLCI	tion Site: No GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gro  Total Area:	Primary Threats  73.4 acres Ma	# Occurrences
EI. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X S11 - Colur States	ccientific Nan arracenia oreop Creek 100.0% ts ccientific Nan yris tennesseer mbiana Mo	Subregions SRV 100.0%  ne ne nsis  Duntain Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural	nal Site	tion Site: No GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gro  Total Area:	Primary Threats  73.4 acres Ma	# Occurrences
El. Code S PDSAR0205 S. S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target	ccientific Nan arracenia oreop Creek  100.0%  ts ccientific Nan yris tennesseer mbiana Mc 100.0%	Subregions SRV 100.0%  ne nsis  ountain Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture	nal Site	ion Site: N. GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr  Total Area:  Management Status	Primary Threats  733.4 acres Ma	# Occurrences
El. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X  S11 - Colur States Alabama  Viable Target El. Code S	ccientific Nan arracenia oreop Creek  100.0%  ts ccientific Nan cyris tennesseer  100.0%  ts ccientific Nan cyris tennesseer  biana Mo control	Subregions SRV 100.0%  ne nsis  Duntain Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture	nal Site	ion Site: N. GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gro  Total Area:  Management Status  Common Name	Primary Threats  733.4 acres Ma	# Occurrences
EI. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target EI. Code S PMLIIL200G0 77	ccientific Nan arracenia oreop Creek  100.0%  ts  ccientific Nan cyris tennesseer  100.0%  ts  ccientific Nan arracenia oreop to t	Subregions SRV 100.0%  ne nsis  Duntain Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture	nal Site	ion Site: N. GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gro  Total Area:  Management Status  Common Name  Common Name  Arrow-leaved Trillium	Primary Threats  733.4 acres Ma	# Occurrences
EI. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target EI. Code S PMLIL20030 7 PMLIL20130 7	ccientific Nan arracenia oreop Creek  100.0%  ts ccientific Nan cyris tennesseer mbiana Mo 100.0%  ts ccientific Nan illium lancifoliu rillium rugelii	Subregions SRV 100.0%  me nsis buntain Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture	nal Site	ion Site: N. GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name Tennessee Yellow-eyed Gr Total Area:  Management Status  Common Name Arrow-leaved Trillium Southern Nodding Trillium	Primary Threats  733.4 acres Ma	# Occurrences
EI. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X  S11 - Colur States Alabama  Viable Target EI. Code S PMLIL200G0 7 PMLIL20130 7 PMSTE0101 C	ccientific Nanarracenia oreoper Creek  100.0%  ts ccientific Nanarracenia oreoper Creek  ccientific Na	Subregions SRV 100.0%  me nsis buntain Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed	nal Site	GAF   Site: Ni   GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name Tennessee Yellow-eyed Gr  Total Area:  Management Status  Common Name Narrow-leaved Trillium Southern Nodding Trillium Croomia	Primary Threats  ass  773.4 acres Ma  Primary Threats	# Occurrences # Occurrences
EI. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X  S11 - Colur States Alabama  Viable Target EI. Code S PMLIL20030 7 PMLIL20130 7 PMSTE0101 C  S12 - Cress	ccientific Nanarracenia oreoper Creek  100.0%  ts ccientific Nanarracenia oreoper Creek  ccientific Na	Subregions SRV 100.0%  me nosis Subregions Subregions SRV 100.0%  me me me me me	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function	nal Site	ition Site: No. GAF	Green Pitcher Plant  Total Area:  Management Status  Common Name Tennessee Yellow-eyed Gr Total Area:  Management Status  Common Name Aurow-leaved Trillium Southern Nodding Trillium Croomia Total Area:	ass 773.4 acres Ma Primary Threats 773.4 acres Ma	# Occurrences
El. Code S PDSAR0205 S.  S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target El. Code S PMLIL20030 7 PMSTE0101 C S12 - Cress States	ccientific Nanarracenia oreoper Creek  100.0%  ts  ccientific Nanarracenia oreoper Creek  ccientific Nanarracenia oreoper Creek  sy Creek	Subregions  SRV 100.0%  ne nsis  Duntain Subregions  SRV 100.0%  ane me mr  Subregions  SRV 100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture Developed	nal Site	ilon Site: No GAP  Side Site: No GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr  Total Area:  Management Status  Common Name  Narrow-leaved Trillium  Southern Nodding Trillium  Croomia  Total Area:	Primary Threats  ass  773.4 acres Ma  Primary Threats	# Occurrences # Occurrences
EI. Code S PDSAR0205 S  S10 - Clear States Georgia  Viable Target EI. Code S PMXYR010 X  S11 - Colur States Alabama  Viable Target EI. Code S PMLIL20030 7 PMLIL20130 7 PMSTE0101 C  S12 - Cress	ccientific Nanarracenia oreoper Creek  100.0%  ts ccientific Nanarracenia oreoper Creek  ccientific Na	Subregions	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Natural Natural	nal Site	ilon Site: No. GAP  3% 4%  sition Site: N. Site: No. Sit	Green Pitcher Plant  Total Area:  Management Status  Common Name Tennessee Yellow-eyed Gr Total Area:  Management Status  Common Name Aurow-leaved Trillium Southern Nodding Trillium Croomia Total Area:	ass 773.4 acres Ma Primary Threats 773.4 acres Ma	# Occurrences # Occurrences
El. Code S PDSAR0205 S. S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target El. Code S PMLIL200130 7 PMSTE0101 C S12 - Cress States	ccientific Nanarracenia oreoper Creek  100.0%  ts  ccientific Nanarracenia oreoper Creek  ccientific Nanarracenia oreoper Creek  sy Creek	Subregions  SRV 100.0%  ne nsis  Duntain Subregions  SRV 100.0%  ane me mr  Subregions  SRV 100.0%	Census 2000 Total Pop. Pop./Sq. Mi.	129 107	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	nal Site	ilion Site: Ni GAP  200  300  400  GAP  300  GAP  300  GAP  300  GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr  Total Area:  Management Status  Common Name  Narrow-leaved Trillium  Southern Nodding Trillium  Croomia  Total Area:	ass 773.4 acres Ma Primary Threats 773.4 acres Ma	# Occurrences # Occurrences
El. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target El. Code S PMLIL20030 7 PMLIL20130 7 PMSTE0101 C S12 - Cress States Virginia	ccientific Nanarracenia oreoper Creek  100.0%  ts ccientific Nanarracenia oreoper Creek  100.0%	Subregions	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Natural Natural	nal Site	ilion Site: Ni GAP  200  300  400  GAP  300  GAP  300  GAP  300  GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr  Total Area:  Management Status  Common Name  Narrow-leaved Trillium  Southern Nodding Trillium  Croomia  Total Area:	ass 773.4 acres Ma Primary Threats 773.4 acres Ma	# Occurrences # Occurrences
El. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target El. Code S PMLIL2000 7 PMLIL20130 7 PMSTE0101 C S12 - Cress States Virginia	ccientific Nanarracenia oreoper Creek  100.0%  ts ccientific Nanarracenia oreoper Creek  100.0%	Subregions   SRV   100.0%	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	nal Site	ilion Site: Ni GAP  200  300  400  GAP  300  GAP  300  GAP  300  GAP	Green Pitcher Plant  Total Area:  Management Status  Common Name  Tennessee Yellow-eyed Gr  Total Area:  Management Status  Common Name  Narrow-leaved Trillium  Southern Nodding Trillium  Croomia  Total Area:	ass 773.4 acres Ma Primary Threats 773.4 acres Ma	# Occurrences # Occurrences
El. Code S PDSAR0205 S S10 - Clear States Georgia  Viable Target El. Code S PMXYR010 X S11 - Colur States Alabama  Viable Target El. Code S El. Code S El. Code S El. Code S States Virginia	ts cientific Nan arracenia oreop Creek  100.0%  ts cientific Nan yris tennesseer mbiana Mc 100.0%  ts cicientific Nan irillium lancifoliu irillium nugelii iriomia paucific sy Creek  100.0%  ts cicientific Nan irillium nugelii iriomia paucific sy Creek	Subregions   SRV   100.0%	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 89 74	CA Type: Function Land Use/Lan Natural Agriculture  CA Type: Function Land Use/Lan Natural Agriculture Developed  CA Type: Function Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	nal Site	ilion Site: Ni GAP  200  300  400  GAP  300  GAP  300  GAP  300  GAP	Common Name Tennessee Yellow-eyed Grown Name Tennessee Yellow-eyed Grown Name Total Area: Management Status  Common Name Narrow-leaved Trillium Southern Nodding Trillium Croomia Total Area: Management Status  Management Status  O Total Area: Management Status  201.6 ac. 26.1%	ass 773.4 acres Ma Primary Threats  773.4 acres Ma Primary Threats	# Occurrences # Occurrences # Occurrences

	ummond Sw				CA Type: Function			Site: No Total Area:		Location: O
States	,1	Subregions	Census 2000	45.	Land Use/Lan			GAP Management Status	Primary Threats	
Seorgia	100.0%	SRV 100.0%	Total Pop.	151	Natural	481.2 ac.	62.2%			
			Pop./Sq. Mi.	125	Agriculture	287.3 ac.	37.1%			
iabla Tau					Water Developed	2.5 ac. 2.5 ac.	0.3%			
iable Tar					Бечеюрей	2.5 dc.	0.570	Onesen Name		# 0
I. Code DBET0103	Scientific Nar Alnus maritima	ne						Common Name Seaside Alder		# Occurren
	y Creek, AL				CA Type: Function	nal Sita	Action	Site: No Total Area:	773.4 acres Mar	Location: F
tates	y Cicck, AL	Subregions	Census 2000		Land Use/Lan			GAP Management Status	Primary Threats	Looddon. 1
labama	100.0%	SRV 100.0%	Total Pop.	60	Natural	709.0 ac.	91.7%	<b>-</b>	,,	
			Pop./Sq. Mi.	50	Agriculture	57.0 ac.	7.4%			
					Developed	5.0 ac.	0.6%			
iable Tar	gets				Water	2.5 ac.	0.3%			
I. Code	Scientific Nar	ne						Common Name		# Occurren
DRAN0813	Clematis socialis	3						Alabama Leather-flower		
615 - Dry	y Creek, GA				CA Type: Function	nal Site	Action	Site: No Total Area:	773.4 acres Mar	Location: N
tates		Subregions	Census 2000		Land Use/Land	d Cover (1992	NLCD)	GAP Management Status	Primary Threats	
Seorgia	100.0%	SRV 100.0%	Total Pop.	83	Natural	678.9 ac.	87.8%			
			Pop./Sq. Mi.	69	Agriculture	92.0 ac.	11.9%			
					Developed	2.5 ac.	0.3%			
iable Tar	*									
I. Code	Scientific Nar							Common Name		# Occurren
	Rudbeckia helio							Sun-facing Coneflower		
	isville Prairi				CA Type: Function			Site: No Total Area:		Location:
tates	1	Subregions	Census 2000	1	Land Use/Lan			GAP Management Status	Primary Threats	
Alabama	100.0%	SRV 100.0%	Total Pop.	15	Natural	454.2 ac.	58.7%			
			Pop./Sq. Mi.	12	Agriculture	314.3 ac.	40.6%			
liable Te-	ranta				Developed	4.9 ac.	0.6%			
iable Tar	gets Scientific Nar	me						Common Name		# Occurren
	Clematis socialis							Alabama Leather-flower		# Occurren
					CA Type: Function	nal Sito	Action	Site: No Total Area:	773.4 acres Mag	Location: I
617 - EIS States	sie Holmes P		Census 2000		Land Use/Lan			GAP Management Status	Primary Threats	Location: 1
Beorgia	100.0%	Subregions SRV 100.0%	Total Pop.	88	Natural	598.2 ac.	77.3%	OAF manayement Status	rimary infeats	
Jeurgia	100.078	SIXV 100.076	Pop./Sq. Mi.	73	Agriculture	175.2 ac.	22.7%			
iable Tar	raete		r op./oq. ivii.	70	rigiliculture	170.2 00.	22.770			
lable Tal	gets									
El. Code	Scientific Nar	ne						Common Name		# Occurren
DLAM1U0	Scutellaria mont	ana						Large-flowered Skullcap		
518 - Fle	tcher's Holl	ow			CA Type: Function	nal Sita	Action	Site: No Total Area:	773.4 acres Mar	Location: N
	100.00/	Subregions 100.00/	Census 2000		Land Use/Land	d Cover (1992	NLCD)	GAP Management Status	Primary Threats	
	100.0%	SCP 100.0%	Total Pop.	129	Land Use/Land	d Cover (1992 746.3 ac.	NLCD) 96.5%			
Alabama					Land Use/Land	d Cover (1992	NLCD)			
Alabama			Total Pop.	129	Land Use/Land	d Cover (1992 746.3 ac.	NLCD) 96.5%			
Alabama /iable Tar	gets Scientific Nar	SCP 100.0%	Total Pop.	129	Land Use/Land	d Cover (1992 746.3 ac.	NLCD) 96.5%	GAP Management Status  Common Name		
Alabama /iable Tar	gets	SCP 100.0%	Total Pop.	129	Land Use/Land	d Cover (1992 746.3 ac.	NLCD) 96.5%	GAP Management Status		
Alabama /iable Tar El. Code PDAST8L04	gets Scientific Nar	SCP 100.0%	Total Pop.	129 107	Land Use/Land	d Cover (1992 746.3 ac. 27.1 ac.	96.5% 3.5%	GAP Management Status  Common Name	Primary Threats	# Occurren
Alabama  Viable Tar  El. Code  PDAST8L04  S19 - Gil	gets Scientific Nar	SCP 100.0%	Total Pop.	129 107	Land Use/Land Natural Agriculture	d Cover (1992 746.3 ac. 27.1 ac.	96.5% 3.5% Action	GAP Management Status  Common Name  Cumberland Rosinweed	Primary Threats	# Occurren
Alabama  Viable Targetti. Code  PDAST8L04  S19 - Gil  States	Scientific Nar Silphium brachia	SCP 100.0%	Total Pop. Pop./Sq. Mi.	129 107	Land Use/Land Natural Agriculture  CA Type: Functio	d Cover (1992 746.3 ac. 27.1 ac.	96.5% 3.5% Action	GAP Management Status  Common Name Cumberland Rosinweed  Site: No Total Area:	Primary Threats  773.4 acres Mag	# Occurren
	Scientific Nar Silphium brachia	SCP 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000	129 107	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Natural Agriculture	d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac.	96.5% 3.5% Action NLCD) 46.4% 34.4%	GAP Management Status  Common Name Cumberland Rosinweed  Site: No Total Area:	Primary Threats  773.4 acres Mar Primary Threats	# Occurrence
Alabama  Viable Targetic Code  PDAST8L04  S19 - Gil  States  Fennessee	Scientific Nar Silphium brachia Ililand Glade	SCP 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural	d Cover (1992 746.3 ac. 27.1 ac. nal Site d Cover (1992 359.1 ac.	96.5% 3.5% Action NLCD) 46.4%	GAP Management Status  Common Name Cumberland Rosinweed  Site: No Total Area:	Primary Threats  773.4 acres Mar Primary Threats	# Occurren
Alabama  /iable Tar  El. Code  PDAST8L04  619 - Gil  States  Fennessee	Scientific Nar Silphium brachia Ililand Glade 100.0%	SCP 100.0%  me stum  Subregions  NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	129 107	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Natural Agriculture	d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac.	96.5% 3.5% Action NLCD) 46.4% 34.4%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status	Primary Threats  773.4 acres Mar Primary Threats	# Occurren
Alabama  Viable Targetti Code  DAST8L04  States  Tennessee  Viable Targetti Code	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar	SCP 100.0%  me situm  Subregions  NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Natural Agriculture	d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac.	96.5% 3.5% Action NLCD) 46.4% 34.4%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name	773.4 acres Map Primary Threats Fire suppression	# Occurren
Viable Tari El. Code PDAST8L04 States Fennessee Viable Tari El. Code EGR04100	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and	SCP 100.0%  me stum  Subregions  NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Natural Agriculture Developed	nal Site d Cover (1992 746.3 ac. 27.1 ac. nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.	Action NLCD) 96.5% 3.5% Action NLCD) 46.4% 34.4% 19.2%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Le	773.4 acres Mag Primary Threats Fire suppression	# Occurren  # Occurren  # Occurren es and Barren
Viable Tari El. Code PDASTBL04 States Tennessee Viable Tari El. Code EEGR04100 S20 - Gle S20 - Gle	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar	SCP 100.0%  me  subregions  NRV 100.0%  me  Interior Low Plateau Carbonate	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture Developed  CA Type: Functio	nal Site  d Cover (1992 746.3 ac. 27.1 ac.  27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.	NLCD) 96.5% 3.5% Action NLCD) 46.4% 34.4% 19.2%	Common Name Cumberland Rosinweed  Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lot Site: No Total Area:	773.4 acres Map Primary Threats Fire suppression  We Plateau Carbonate Glad 773.4 acres Map	# Occurren  # Occurren  # Occurren es and Barren
Alabama  //iable Tarn El. Code PDAST8L.04  519 - Gil States Fennessee  //iable Tarn El. Code DEGR04100  520 - Gle States	Scientific Nar Silphium brachia Billand Glade 100.0%  gets Scientific Nar Appalachian and	Subregions NRV 100.0%  The interior Low Plateau Carbonate  Subregions  Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  de Glades and Barrens Census 2000	129 107 846 701	CA Type: Functio Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture Developed  CA Type: Functio Land Use/Land	nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Le	773.4 acres Mag Primary Threats Fire suppression	# Occurrence  # Occurrence # Occurrence
Alabama  //iable Tarn El. Code PDAST8L.04  519 - Gil States Fennessee  //iable Tarn El. Code DEGR04100  520 - Gle States	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and	SCP 100.0%  me  subregions  NRV 100.0%  me  Interior Low Plateau Carbonate	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture Developed  CA Type: Functio Land Use/Land Developed	nal Site d Cover (1992 359.1 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  nal Site d Cover (1992 276.6 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   19.2%   Action   NLCD    35.8%	Common Name Cumberland Rosinweed  Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lot Site: No Total Area:	773.4 acres Map Primary Threats Fire suppression  We Plateau Carbonate Glad 773.4 acres Map	# Occurrences and Barren
Alabama  Viable Tari El. Code PDAST8L04  States Tennessee  Viable Tari El. Code EEGR04100  S20 - Gle  States	Scientific Nar Silphium brachia Billand Glade 100.0%  gets Scientific Nar Appalachian and	Subregions NRV 100.0%  The interior Low Plateau Carbonate  Subregions  Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  te Glades and Barrens  Census 2000 Total Pop. 1	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural	nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  anal Site d Cover (1992 276.6 ac. 257.0 ac.	Action NLCD) 46.4% 34.4% 19.2% Action NLCD) 34.8% 33.2%	Common Name Cumberland Rosinweed  Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lot Site: No Total Area:	773.4 acres Mar Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Mar	# Occurren  # Occurren  # Occurren es and Barren
Alabama  Viable Tarn  El. Code  PDAST8L04  519 - Gil  States  Tennessee  Viable Tarn  El. Code  DEGR04100  520 - Gle  States  Alabama	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and enn Springs  100.0%	Subregions NRV 100.0%  The interior Low Plateau Carbonate  Subregions  Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture Developed  CA Type: Functio Land Use/Land Developed	nal Site d Cover (1992 359.1 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  nal Site d Cover (1992 276.6 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   19.2%   Action   NLCD    35.8%	Common Name Cumberland Rosinweed  Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lot Site: No Total Area:	773.4 acres Mar Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Mar	# Occurren  # Occurren  # Occurren es and Barren
Alabama  Viable Tan  El. Code  PDAST8L04  519 - Gil  States  Fennessee  Viable Tan  El. Code  EGR04100  520 - Gle  States	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and enn Springs  100.0%	SCP 100.0%  me Subregions NRV 100.0%  me Interior Low Plateau Carbonat  Subregions  Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural	nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  anal Site d Cover (1992 276.6 ac. 257.0 ac.	Action NLCD) 46.4% 34.4% 19.2% Action NLCD) 34.8% 33.2%	Common Name Cumberland Rosinweed  Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lot Site: No Total Area:	773.4 acres Mar Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Mar	# Occurren  # Occurren es and Barren D Location: F
Alabama  //iable Tarr El. Code  //iable Tarr  //iable Tarr  //iable Tarr  //iable Tarr  //iable Tarr  El. Code	gets  Scientific Nar Silphium brachia Iilland Glade 100.0%  gets Scientific Nar Appalachian and enn Springs 100.0%  gets Scientific Nar Springs Scientific Nar	SCP 100.0%  me  Subregions  NRV 100.0%  me  Interior Low Plateau Carbonat  Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	129 107 846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural	nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  anal Site d Cover (1992 276.6 ac. 257.0 ac.	Action NLCD) 46.4% 34.4% 19.2% Action NLCD) 34.8% 33.2%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status	773.4 acres Mar Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Mar	# Occurren  # Occurren es and Barren D Location: F
Alabama  //iable Tarr El. Code	gets  Scientific Nar Silphium brachia Iilland Glade 100.0%  gets Scientific Nar Appalachian and enn Springs 100.0%  gets Scientific Nar Rudbeckia auric	me subregions NRV 100.0%  me d Interior Low Plateau Carbonat  Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac. 27.1 ac.  al Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  al Site d Cover (1992 276.6 ac. 239.9 ac.	NLCD) 96.5% 3.5%  Action NLCD) 46.4% 34.4% 19.2%  Action NLCD) 35.8% 33.2% 31.0%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status	773.4 acres Map Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Map Primary Threats	# Occurren  # Occurren es and Barren D Location: F
Alabama	gets  Scientific Nar Silphium brachia Iilland Glade 100.0%  gets Scientific Nar Appalachian and enn Springs 100.0%  gets Scientific Nar Springs Scientific Nar	me subregions NRV 100.0%  me d Interior Low Plateau Carbonat  Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. Total Pop. 1	846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 148.2 ac. 148.2 ac.  148.2 ac. 276.6 ac. 239.9 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower	773.4 acres Map Primary Threats Fire suppression  w Plateau Carbonate Glad 773.4 acres Map Primary Threats	# Occurren  # Occurren es and Barren D Location: F
Alabama  Viable Target. Code  PDAST8L04  States  Fennessee  Viable Target. Code  EGR04100  States  Viable Target. Code	gets  Scientific Nar Silphium brachia Iilland Glade 100.0%  gets Scientific Nar Appalachian and enn Springs 100.0%  gets Scientific Nar Rudbeckia auric	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  de Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture CA Type: Functio Cand Use/Land Developed Natural Cand Use/Land Cand Use/Land Cand Use/Land Cand Use/Land Developed Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 148.2 ac. 148.2 ac.  148.3 ac. 276.6 ac. 239.9 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower Site: No Total Area:	773.4 acres Map Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Map Primary Threats  773.4 acres Map 773.4 acres Map	# Occurren  # Occurren es and Barren D Location: F
Alabama	gets  Scientific Nar Silphium brachia  liland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric.	SCP 100.0%  me sturm  Subregions  NRV 100.0%  me d Interior Low Plateau Carbonat  Subregions  SRV 100.0%  me ulata  g Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  de Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture CA Type: Functio Land Use/Land Developed Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 148.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   31.0%   Action   NLCD	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower Site: No Total Area:	773.4 acres Map Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Map Primary Threats  773.4 acres Map 773.4 acres Map	# Occurren  # Occurren es and Barren D Location: F
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Alabama  Ala	gets  Scientific Nar Silphium brachia Iilland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric odson Sprin 100.0%	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  te Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701 .565 ,297	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture CA Type: Functio Land Use/Land Natural Agriculture	nal Site d Cover (1992 359.1 ac. 276.6 ac. 266.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac. nal Site d Cover (1992 740.9 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower Site: No Total Area: GAP Management Status	773.4 acres Map Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Map Primary Threats  773.4 acres Map 773.4 acres Map	# Occurren  # Occurren es and Barren b Location: F
Alabama  Ala	gets  Scientific Nar Silphium brachia  Iiland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric 100.0%  gets Scientific Nar Rudbeckia Scientific Nar Rudbeckia Scientific Nar Scientific Nar Scientific Nar Rudbeckia Scientific Nar	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  te Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701 .565 ,297	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture CA Type: Functio Land Use/Land Natural Agriculture	nal Site d Cover (1992 359.1 ac. 276.6 ac. 266.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac. nal Site d Cover (1992 740.9 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status	773.4 acres Map Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Map Primary Threats  773.4 acres Map 773.4 acres Map	# Occurren  # Occurren es and Barren D Location: F
Alabama  Ala	gets  Scientific Nar Silphium brachia  Iiland Glade 100.0%  gets Scientific Nar Appalachian and enn Springs 100.0%  gets Scientific Nar Rudbeckia auric 100.0%  gets Scientific Nar Scutellaria mont	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  te Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	129 107 846 701 .565 .297	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Agriculture  Developed  CA Type: Function Land Use/Land Use/La	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 148.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   31.0%   Action   NLCD    95.8%   4.2%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Le Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status	773.4 acres Mag Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mag Primary Threats  773.4 acres Mag Primary Threats	# Occurren  # Occurren es and Barren D Location: F  # Occurren D Location: L  # Occurren
Alabama  Ala	gets  Scientific Nar Silphium brachia  Iiland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric 100.0%  gets Scientific Nar Rudbeckia Scientific Nar Rudbeckia Scientific Nar Scientific Nar Scientific Nar Rudbeckia Scientific Nar	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  de Glades and Barrens  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	129 107 846 701 .565 .297	Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land Agriculture  Developed  CA Type: Function Land Use/Land Use/Land Use/Land Natural Agriculture  CA Type: Function Land Use/Land End	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%   Action   NLCD    95.8%   4.2%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Le Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Large-flowered Skullcap Site: No Total Area:	773.4 acres Mar Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats	# Occurrences and Barren
Alabama  Ala	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and enn Springs  100.0%  gets Scientific Nar Rudbeckia auric odson Sprin  100.0%  gets Scientific Nar Scutellaria mont ttle Toqua Cr	SCP 100.0%  me situm  Subregions  NRV 100.0%  me siture 1 Interior Low Plateau Carbonat  Subregions  SRV 100.0%  me ulata  g Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701 565 297	Land Use/Lan: Natural Agriculture  CA Type: Functio Land Use/Lan: Agriculture  Developed  CA Type: Functio Land Use/Lan: Developed Natural Agriculture  CA Type: Functio Land Use/Lan: Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture	nal Site d Cover (1992 359.1 ac. 276.6 ac. 266.2 ac. 148.2 ac. 276.6 ac. 257.0 ac. 239.9 ac. 32.5 ac. nal Site d Cover (1992 740.9 ac. 32.5 ac.	NLCD    96.5%   3.5%   Action   NLCD    46.4%   34.4%   19.2%   Action   NLCD    35.8%   33.2%   31.0%   Action   NLCD    95.8%   4.2%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Status  Common Name Eared Status  Common Name Eared Status  Common Name Site: No Total Area: GAP Management Status	773.4 acres Mag Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mag Primary Threats  773.4 acres Mag Primary Threats	# Occurrences and Barren Decation: L  # Occurrences and Barren Decation: F
Alabama  Ala	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and ann Springs  100.0%  gets Scientific Nar Rudbeckia auric  odson Sprin  100.0%  gets Scientific Nar Scutellaria mont  ttle Toqua Cr	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	129 107 846 701 .565 .297	Land Use/Lan: Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture Developed  CA Type: Functio Land Use/Lan: Developed Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  148.2 ac.  276.6 ac. 239.9 ac.  239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.  nal Site d Cover (1992 748.7 ac.	NLCD    96.5%     3.5%     Action   NLCD    34.4%     19.2%     Action   NLCD    95.8%     4.2%     Action   NLCD    96.8%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Le Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Large-flowered Skullcap Site: No Total Area:	773.4 acres Mar Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats	# Occurren  # Occurren es and Barren D Location: F  # Occurren D Location: L  # Occurren
Alabama  I code DAST8L04  I P GII Cade Canessee  I code C	gets  Scientific Nar Silphium brachia  Iiland Glade  100.0%  gets Scientific Nar Appalachian and enn Springs  100.0%  gets Scientific Nar Rudbeckia auric odson Sprin  100.0%  gets Scientific Nar Scutellaria mont ttle Toqua Cr	SCP 100.0%  me situm  Subregions  NRV 100.0%  me siture 1 Interior Low Plateau Carbonat  Subregions  SRV 100.0%  me ulata  g Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	846 701 565 297	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  148.2 ac.  276.6 ac. 239.9 ac.  239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.  nal Site d Cover (1992 748.7 ac. 19.8 ac.	NLCD    96.5%     3.5%     Action     MLCD    46.4%     34.4%     19.2%     Action     NLCD    95.8%     4.2%     Action     NLCD    96.8%     2.6%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Status  Common Name Eared Status  Common Name Eared Status  Common Name Site: No Total Area: GAP Management Status	773.4 acres Mar Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats	# Occurren  # Occurren es and Barren D Location: F  # Occurren D Location: I
labama liable Tari l. Code DAST8L04 19 - Gil tates ennessee liable Tari l. Code EGR04100 20 - Gle tates labama liable Tari l. Code DAST8501 21 - Go tates leorgia liable Tari l. Code DLAM1U0 22 - Littlets ennessee	gets  Scientific Nar Silphium brachia  Iiland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric odson Sprin 100.0%  gets Scientific Nar Scutellaria mont ttle Toqua Cr	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	129 107 846 701 .565 .297	Land Use/Lan: Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture Developed  CA Type: Functio Land Use/Lan: Developed Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture  CA Type: Functio Land Use/Lan: Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  148.2 ac.  276.6 ac. 239.9 ac.  239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.  nal Site d Cover (1992 748.7 ac.	NLCD    96.5%     3.5%     Action   NLCD    34.4%     19.2%     Action   NLCD    95.8%     4.2%     Action   NLCD    96.8%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Status  Common Name Eared Status  Common Name Eared Status  Common Name Site: No Total Area: GAP Management Status	773.4 acres Mar Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats	# Occurren  # Occurren es and Barren D Location: F  # Occurren D Location: I
il. Code DAST8L04 itable Tarrical Code DAST8L04 itates ennessee li. Code EGR04100 itates liable Tarrical Code EGR04100 itates liable Tarrical Code DAST8501 itates decorpia liable Tarrical Code DAST8501 itates decorpia liable Tarrical Code DAST8501 itates decorpia	gets  Scientific Nar Silphium brachia  Iiland Glade 100.0%  gets Scientific Nar Appalachian and ann Springs 100.0%  gets Scientific Nar Rudbeckia auric odson Sprin 100.0%  gets Scientific Nar Scutellaria mont ttle Toqua Cr	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1  Census 2000 Total Pop. 1 Pop./Sq. Mi. 1	129 107 846 701 .565 .297	Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Agriculture Developed  CA Type: Functio Land Use/Land Developed Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture  CA Type: Functio Land Use/Land Natural Agriculture	nal Site d Cover (1992 746.3 ac. 27.1 ac.  nal Site d Cover (1992 359.1 ac. 266.2 ac. 148.2 ac.  148.2 ac.  276.6 ac. 239.9 ac.  239.9 ac.  nal Site d Cover (1992 740.9 ac. 32.5 ac.  nal Site d Cover (1992 748.7 ac. 19.8 ac.	NLCD    96.5%     3.5%     Action     MLCD    46.4%     34.4%     19.2%     Action     NLCD    95.8%     4.2%     Action     NLCD    96.8%     2.6%	Common Name Cumberland Rosinweed Site: No Total Area: GAP Management Status  Common Name Appalachian and Interior Lo Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Common Name Eared Status  Common Name Eared Status  Common Name Eared Status  Common Name Site: No Total Area: GAP Management Status	773.4 acres Mar Primary Threats Fire suppression  ow Plateau Carbonate Glad 773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats  773.4 acres Mar Primary Threats	# Occurren  # Occurren es and Barren D Location: F  # Occurren D Location: I

<b>S23 - Longle</b> <b>States</b> Alabama 1									
				C	A Type: Functiona			Site: No Total Area:	773.4 acres Map Location: N
Alabama		Subregions SCP 100.0%	Census 2000	100	Land Use/Land			GAP Management Status	Primary Threats
	100.0%	SCP 100.0%		129	Natural Agriculture	400.3 ac. 368.2 ac.	51.8% 47.6%		
			Pop./3q. IVII.	107	Water	4.9 ac.	0.6%		
iable Targets							0.07.		
	entific Name							Common Name	# Occurrence
DAST2L0S Core	eopsis pulchra							Woodland Tickseed	
624 - Magen	danz Falls			C.	A Type: Functiona	al Site	Action	Site: No Total Area:	773.4 acres Map Location: H
States		Subregions	Census 2000		Land Use/Land	Cover (1992		GAP Management Status	Primary Threats
Tennessee 1	100.0%	NCP 100.0%		123	Natural	621.2 ac.	80.3%		Agricultural practices
			Pop./Sq. Mi. 1	102	Agriculture	152.2 ac.	19.7%		Incompatible forestry practices
Viable Targets									
El. Code Scie	entific Name							Common Name	# Occurrence
DEGR04704 Appa		Fens. and Seeps						Appalachian Bogs, Fens, a	
S25 - McGee				C	A Type: Functiona	al Site	Action	Site: No Total Area:	773.4 acres Map Location: N
States		Subregions	Census 2000		Land Use/Land			GAP Management Status	Primary Threats
		SRV 100.0%	Total Pop.	0	Natural	527.1 ac.	68.2%		•
		_	Pop./Sq. Mi.	0	Agriculture	194.6 ac.	25.2%		
					Water	49.3 ac.	6.4%		
/iable Targets					Developed	2.5 ac.	0.3%		
	entific Name							Common Name	# Occurrence
	taegus triflora							Three-flowered Hawthorn	
S26 - Milner				C	A Type: Functiona			Site: No Total Area:	773.4 acres Map Location: N
States		Subregions	Census 2000	17	Land Use/Land	700.8 ac.		GAP Management Status	Primary Threats
Georgia 1	100.0%	SRV 100.0%		17 14	Natural Agriculture	700.8 ac. 65.1 ac.	90.6% 8.4%		
			i op./oq. ivii.	17	Water	7.5 ac.	1.0%		
Viable Targets						7.0 00.			
	entific Name							Common Name	# Occurrence
	tellaria montana		-					Large-flowered Skullcap	
PDROS0H5 Crata	taegus triflora							Three-flowered Hawthorn	
527 - Mostell				C	A Type: Functiona			Site: No Total Area:	773.4 acres Map Location: N
States		Subregions	Census 2000		Land Use/Land			GAP Management Status	Primary Threats
Georgia 1	100.0%	SRV 100.0%		39	Natural	643.7 ac.	83.2%		Agricultural practices
			Pop./Sq. Mi.	32	Agriculture	127.2 ac.	16.5%		Residential development
/ichic Tourete					Water	2.5 ac.	0.3%		
Viable Targets El. Code Scie	entific Name							Common Name	# Occurrence
	s tennesseensis							Tennessee Yellow-eyed Gr	
S28 - Mulber				С	A Type: Functiona	al Site	Action	Site: No Total Area:	773.4 acres Map Location: O
States		Subregions	Census 2000		Land Use/Land			GAP Management Status	Primary Threats
Alabama 1	100.0%	SCP 100.0%	Total Pop.		Natural	616.7 ac.	79.7%		
			Pop./Sq. Mi.		Developed	82.1 ac.	10.6%		
					Agriculture	57.2 ac.	7.4%		
Viable Targets					Water	17.4 ac.	2.3%		
El. Code Scie	entific Name				water	17.4 ac.	2.370	Common Name	# Occurrenc
El. Code Scie PMLIL15040 Hym	entific Name nenocallis corona	aria					·	Shoals Spiderlily	
EI. Code Scie PMLIL15040 Hymo S29 - Natura	entific Name nenocallis corona al Bridge		Corresponding	C	A Type: Functiona	al Site	Action	Shoals Spiderlily Site: No Total Area:	773.4 acres Map Location: O
EI. Code Scie PMLIL15040 Hym S29 - Natura States	entific Name nenocallis corona al Bridge	Subregions	Census 2000	C	A Type: Functiona	al Site Cover (1992	Action	Shoals Spiderlily	
EI. Code Scie PMLIL15040 Hymos S29 - Natura States	entific Name nenocallis corona al Bridge		Total Pop.	C.	A Type: Functiona Land Use/Land Natural	al Site Cover (1992   429.1 ac.	Action NLCD) 55.5%	Shoals Spiderlily Site: No Total Area:	773.4 acres Map Location: O
EI. Code Scie PMLIL15040 Hym S29 - Natura States	entific Name nenocallis corona al Bridge	Subregions		C.	A Type: Functiona	al Site Cover (1992	Action	Shoals Spiderlily Site: No Total Area:	773.4 acres Map Location: O
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El. Code Scie  MLIL 15040 Hym  529 - Natura  States  Alabama 1  Viable Targets	entific Name nenocallis corona al Bridge \$100.0%	Subregions	Total Pop.	<b>C</b> .	A Type: Functional Land Use/Land Natural Developed	al Site Cover (1992 429.1 ac. 341.8 ac.	Action NLCD) 55.5% 44.2%	Shoals Spiderlily Site: No Total Area:	773.4 acres Map Location: O Primary Threats
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EI. Code Scie  MLIL 15040 Hym  529 - Natura  States  Alabama 1  Viable Targets  EI. Code Scie	entific Name nenocallis corons al Bridge \$ 100.0%  Entific Name lictrum mirabile	Subregions SCP 100.0%	Total Pop.		A Type: Functional Land Use/Land Natural Developed	al Site  Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name	773.4 acres Map Location: O Primary Threats # Occurrence
EI. Code Scie MLIL15040 Hym  529 - Natura States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thali  530 - Pelham  States	entific Name nenocallis corone al Bridge 100.0%  entific Name lictrum mirabile n Range Pr	Subregions SCP 100.0%  Tairie Subregions	Total Pop. Pop./Sq. Mi.  Census 2000	C	A Type: Functional Land Use/Land Natural Developed Agriculture  A Type: Functional Land Use/Land	al Site  Cover (1992 429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name  Little Mountain Meadow-rus  Site: No Total Area:  GAP Management Status	773.4 acres Map Location: O Primary Threats # Occurrence
EI. Code Scie PMLIL15040 Hym 529 - Natura States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thall 530 - Pelham States	entific Name nenocallis corone al Bridge 100.0%  entific Name lictrum mirabile n Range Pr	Subregions SCP 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.		A Type: Functiona Land Use/Land Natural Developed Agriculture  A Type: Functiona	al Site Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name  Little Mountain Meadow-rue  Site: No Total Area:	773.4 acres Map Location: O Primary Threats  # Occurrence 773.4 acres Map Location: P
EI. Code Scie MLIL15040 Hym  529 - Natura States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thali  530 - Pelham  States	entific Name nenocallis corone al Bridge 100.0%  entific Name lictrum mirabile n Range Pr	Subregions SCP 100.0%  Tairie Subregions	Total Pop. Pop./Sq. Mi.  Census 2000	C	A Type: Functional Land Use/Land Natural Developed Agriculture  A Type: Functional Land Use/Land	al Site  Cover (1992 429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name  Little Mountain Meadow-rus  Site: No Total Area:  GAP Management Status	773.4 acres Map Location: O Primary Threats  # Occurrence 773.4 acres Map Location: P
EI. Code Scie MLIL15040 Hym  529 - Natura States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thali  530 - Pelham  States	entific Name nenocallis corone al Bridge 100.0%  entific Name lictrum mirabile n Range Pr 100.0%	Subregions SCP 100.0%  Tairie Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.		A Type: Functional Land Use/Land Natural Developed Agriculture  A Type: Functional Land Use/Land	al Site  Cover (1992 429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name  Little Mountain Meadow-rus  Site: No Total Area:  GAP Management Status	773.4 acres Map Location: O Primary Threats  # Occurrence 773.4 acres Map Location: P
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EI. Code Scie PMLIL15040 Hym  S29 - Natura  States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thali  S30 - Pelham  States Alabama 1  Viable Targets EI. Code Scie EDRANOMO Thali  Code Scie EDRANOMO Thali  Code Scie	entific Name nenocallis corone al Bridge \$ 100.0% \$ entific Name lictrum mirabile n Range Pr \$ 100.0% \$ entific Name	Subregions SCP 100.0%  Tairie Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.		A Type: Functional Land Use/Land Natural Developed Agriculture  A Type: Functional Land Use/Land	al Site  Cover (1992 429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992	Action NLCD) 55.5% 44.2% 0.3%	Shoals Spiderlily  Site: No Total Area:  GAP Management Status  Common Name Little Mountain Meadow-rue  Site: No Total Area:  GAP Management Status  3 773.5 ac. 100.0%  Common Name	773.4 acres Map Location: O Primary Threats  # Occurrence  773.4 acres Map Location: P Primary Threats
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El. Code Scie  MLIL15040 Hym  529 - Natura  States  Alabama 1  Jiable Targets  El. Code Scie  DRANOMO Thall  330 - Pelham  States  Alabama 1  Jiable Targets  El. Code Scie  DRAST6804 Mars  Salabama 1  Jiable Targets  El. Code Scie  DRAST6804 Mars  El. Code Scie  DRAST6804 Mars  Salates  Georgia 1  Jiable Targets  El. Code Scie  DRAST6804 Mars  Salates  Georgia 1  Jiable Targets  El. Code Scie  DRAST6804 Arab  Salates  Georgia 1  Jiable Targets  El. Code Scie  DRAGORON Arab	entific Name nenocallis corone al Bridge 100.0% S 100.0%	Subregions SCP 100.0%  Fairle Subregions SRV 100.0%	Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	C C C C C C C C C C C C C C C C C C C	A Type: Functiona Land Use/Land Developed Agriculture  A Type: Functiona Land Use/Land Natural  A Type: Functiona Land Use/Land Natural Agriculture Developed Water	al Site  Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992   773.4 ac. 319.8 ac. 319.8 ac. 32.2 ac. 31.8 ac. 32.2 ac.	Action NLCD) 55.5% 44.2% 0.3%  Action NLCD) 100.0%  Action NLCD) 43.9% 41.3% 10.6% 4.2%  Action	Shoals Spiderilly  Site: No Total Area: GAP Management Status  Common Name Little Mountain Meadow-rus  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons	773.4 acres Map Location: O Primary Threats  # Occurrence  773.4 acres Map Location: P Primary Threats  # Occurrence  773.4 acres Map Location: M Primary Threats  # Occurrence  # Occurrence  # Occurrence  # Occurrence
EI. Code Scie PMLIL15040 Hym  529 - Natura  States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thair  States Alabama 1  Viable Targets EI. Code Scie PDRAST6804 Mars  S31 - Resaca  States Georgia 1  Viable Targets  EI. Code Scie PDAST6804 Mars  S31 - Resaca  States  Georgia 1  Signature  Viable Targets  EI. Code Scie PDAST6804 Mars  S31 - Resaca  States  Georgia 1  Signature  Si	entific Name nenocallis corone al Bridge 100.0% S 100.0%	Subregions SCP 100.0%  Fairle Subregions SRV 100.0%  Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi.	C C C C C C C C C C C C C C C C C C C	A Type: Functiona Land Use/Land Developed Agriculture  A Type: Functiona Land Use/Land Natural  A Type: Functiona Land Use/Land Natural  Agriculture Developed Water  A Type: Functiona	al Site  Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.   2.5 ac.   2.5 ac.   34 Site  Cover (1992   773.4 ac. 319.8 ac. 319.8 ac. 32.2 ac.   32.2 ac.   32.2 ac.   32.2 ac.   34 Site  Cover (1992   768.5 ac.   36.5	Action NLCD) 55.5% 44.2% 0.3%  Action NLCD) 100.0%  Action NLCD) 43.9% 41.3% 10.6% 4.2%  Action NLCD) 99.4%	Shoals Spiderilly  Site: No Total Area: GAP Management Status  Common Name Little Mountain Meadow-rue  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Georgia Rock-cress  Site: Yes Total Area:	# Occurrence
EI. Code Scie PMLIL15040 Hym  529 - Natura  States Alabama 1  Viable Targets EI. Code Scie PDRANOMO Thair  States Alabama 1  Viable Targets EI. Code Scie PDRAST6804 Mars  S31 - Resaca  States Georgia 1  Viable Targets  EI. Code Scie PDAST6804 Mars  S31 - Resaca  States  Georgia 1  Signature  Viable Targets  EI. Code Scie PDAST6804 Mars  S31 - Resaca  States  Georgia 1  Signature  Si	entific Name nenocallis corone al Bridge 100.0% S 100.0% S entific Name lictrum mirabile n Range Pr 100.0% S 10	Subregions  Sairie Subregions  SRV 100.0%  Subregions  SRV 100.0%  Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 11 Pop./Sq. Mi.	C C C C C C C C C C C C C C C C C C C	A Type: Functiona Land Use/Land Natural Developed Agriculture  A Type: Functiona Land Use/Land Natural  A Type: Functiona Land Use/Land Natural Agriculture Developed Water  A Type: Functiona Land Use/Land Agriculture Developed Land Matural Agriculture Developed Mater	al Site  Cover (1992 429.1 ac. 341.8 ac. 2.5 ac.  al Site  Cover (1992 773.4 ac. 319.8 ac. 319.8 ac. 32.2 ac. 31.8 ac. 32.2 ac.	Action NLCD) 55.5% 44.2% 0.3%  Action NLCD) 100.0%  Action NLCD) 43.9% 41.3% 10.6% 4.2%  Action NLCD)	Shoals Spiderilly  Site: No Total Area: GAP Management Status  Common Name Little Mountain Meadow-rue  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Georgia Rock-cress  Site: Yes Total Area:	# Occurrence  773.4 acres Map Location: M Primary Threats  # Occurrence  # Occurrence  # Occurrence  773.4 acres Map Location: M Primary Threats  # Occurrence  # Occurrence
El. Code Scie  Milli 15040 Hym  529 - Natura  States  Alabama 1  //iable Targets  El. Code Scie  DDRANOMO Thali  530 - Pelham  States  Alabama 1  //iable Targets  El. Code Scie  DDRAST6804 Mars  Salabama 1  //iable Targets  El. Code Scie  DDRAST6804 Mars  El. Code Scie  DDRATG8060 Arab  //iable Targets  States  Georgia 1  //iable Targets  States  Georgia 5  El. Code Scie  DDRAG600 Arab  States  Science Scie  DDRAG600 Arab  States  Science Science Science  DDRAG600 Arab  States  Science Science  DDRAG600 Arab  States  Science Science  DDRAG600 Arab  States	entific Name nenocallis corone al Bridge \$100.0%	Subregions  Sairie Subregions  SRV 100.0%  Subregions  SRV 100.0%  Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi.	C C C C C C C C C C C C C C C C C C C	A Type: Functiona Land Use/Land Natural Developed Agriculture  A Type: Functiona Land Use/Land Natural  A Type: Functiona Land Use/Land Natural  Agriculture Developed Water  A Type: Functiona Land Use/Land Natural Agriculture Developed Water	al Site  Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.   2.5 ac.   2.5 ac.   34 Site  Cover (1992   773.4 ac. 319.8 ac. 319.8 ac. 32.2 ac.   32.2 ac.   32.2 ac.   32.2 ac.   34 Site  Cover (1992   768.5 ac.   36.5	Action NLCD) 55.5% 44.2% 0.3%  Action NLCD) 100.0%  Action NLCD) 43.9% 41.3% 10.6% 4.2%  Action NLCD) 99.4%	Shoals Spiderilly  Site: No Total Area: GAP Management Status  Common Name Little Mountain Meadow-rue  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Georgia Rock-cress  Site: Yes Total Area:	# Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence  # Occurrence
El. Code Scie PMLIL15040 Hym 529 - Natura States Alabama 1  Viable Targets El. Code Scie PDRANOMO Thall 330 - Pelham States Alabama 1  Viable Targets El. Code Scie PDRAST6804 Mars States Georgia 1  Viable Targets El. Code Scie PDRAG600 Arab States Georgia 1  Viable Targets El. Code Scie PDRAG600 Arab States Georgia 1  Viable Targets El. Code Scie PDRAG600 Arab States Georgia 1  Viable Targets	entific Name nenocallis corone al Bridge \$100.0%	Subregions  Sairie Subregions  SRV 100.0%  Subregions  SRV 100.0%  Subregions  SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. 1 Pop./Sq. Mi.	C C C C C C C C C C C C C C C C C C C	A Type: Functiona Land Use/Land Natural Developed Agriculture  A Type: Functiona Land Use/Land Natural  A Type: Functiona Land Use/Land Natural  Agriculture Developed Water  A Type: Functiona Land Use/Land Natural Agriculture Developed Water	al Site  Cover (1992   429.1 ac. 341.8 ac. 2.5 ac.   2.5 ac.   2.5 ac.   34 Site  Cover (1992   773.4 ac. 319.8 ac. 319.8 ac. 32.2 ac.   32.2 ac.   32.2 ac.   32.2 ac.   34 Site  Cover (1992   768.5 ac.   36.5	Action NLCD) 55.5% 44.2% 0.3%  Action NLCD) 100.0%  Action NLCD) 43.9% 41.3% 10.6% 4.2%  Action NLCD) 99.4%	Shoals Spiderilly  Site: No Total Area: GAP Management Status  Common Name Little Mountain Meadow-rue  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Mohr's Barbara's Buttons  Site: No Total Area: GAP Management Status  Common Name Georgia Rock-cress  Site: Yes Total Area:	# Occurrence  773.4 acres Map Location: M Primary Threats # Occurrence # Occurrence # Occurrence

	hes			CA Type: Functio			Site: No Total Area:		ap Location:
States	Subregions 100.0%	Census 2000	254		d Cover (1992 I		GAP Management Status	Primary Threats	
'irginia 100.0%	NRV 100.0%		251 208	Natural Developed	544.4 ac. 123.2 ac.	70.4% 15.9%			
		r up./oy. MII.	∠∪0	Agriculture	123.2 ac. 105.9 ac.	13.7%			
able Targets				5		,0			
. Code Scientific Na	me						Common Name		# Occurren
	ıs - Juncus gerardii - Hordeum ju	batum - Atriplex patula F	Herbace	ous Vegetation			Inland Salt Marshes and Pa	annes	
DSAX0U0A Saxifraga carol	iniana						Carolina Saxifrage		
34 - Savages Cros			(	CA Type: Functio			Site: No Total Area:		ap Location:
States	Subregions	Census 2000			d Cover (1992 I		GAP Management Status	Primary Threats	
Alabama 100.0%	SRV 100.0%		170 141	Natural	668.6 ac.	86.5%			
		Pop./Sq. Mi.	141	Agriculture Developed	94.8 ac. 10.0 ac.	12.3% 1.3%			
/iable Targets				Встсюрси	10.0 ac.	1.070			
El. Code Scientific Na	me						Common Name		# Occurrer
PDAST0T18 Aster georgian							Georgia Aster		
35 - Skirum Bluff			(	CA Type: Functio	nal Site	Action	Site: No Total Area:	773.4 acres M	ap Location:
States	Subregions	Census 2000		Land Use/Lan	d Cover (1992	NLCD)	GAP Management Status	Primary Threats	_
Alabama 100.0%	SCP 100.0%	Total Pop.	51	Natural	518.9 ac.	67.1%	_	-	
		Pop./Sq. Mi.	42	Agriculture	219.9 ac.	28.4%			
				Water	29.7 ac.	3.8%			
/iable Targets				Developed	4.9 ac.	0.6%			
I. Code Scientific Na							Common Name		# Occurrer
DEUP0602 Andrachne phy							Missouri Buck-brush		
36 - Skyball Moun			(	CA Type: Functio			Site: No Total Area:		ap Location:
States	Subregions 100.0%	Census 2000			d Cover (1992 I		GAP Management Status	Primary Threats	
Alabama 100.0%	SCP 100.0%	Total Pop. Pop./Sq. Mi.		Natural Agriculture	745.9 ac. 25.0 ac.	96.4% 3.2%			
		rup./aq. IVII.		Water	25.0 ac. 2.5 ac.	0.3%			
/iable Targets				· · · · · · ·	2.0 ac.	0.070			
El. Code Scientific Na	me						Common Name		# Occurrer
PDROS1401 Neviusia alaba							Alabama Snow-wreath		
37 - Spring Creek			(	CA Type: Functio	nal Site	Action	Site: No Total Area:	773.4 acres <b>M</b>	ap Location:
States	Subregions	Census 2000			d Cover (1992		GAP Management Status	Primary Threats	
Alabama 100.0%	SRV 100.0%	Total Pop.	85	Agriculture	389.2 ac.	50.3%	<del>-</del>	•	
		Pop./Sq. Mi.	70	Natural	384.2 ac.	49.7%			
/iable Targets									
El. Code Scientific Na							Common Name		# Occurrer
PDAST8501 Rudbeckia auri	culata								
Diterese: Madeedila dan							Eared Coneflower		
338 - Spring Valley			(	CA Type: Functio			Site: No Total Area:		ap Location: N
538 - Spring Valley States	Subregions 100.00/	Census 2000		Land Use/Lan	d Cover (1992 l	NLCD)		773.4 acres M Primary Threats	ap Location: !
538 - Spring Valley States	Subregions SCP 100.0%	Total Pop.	191	Land Use/Lan	d Cover (1992 l 586.2 ac.	NLCD) 75.8%	Site: No Total Area:		ap Location: N
538 - Spring Valley States		Total Pop.		Land Use/Lan	d Cover (1992 l	NLCD)	Site: No Total Area:		ap Location: N
States Alabama 100.0%		Total Pop.	191	Land Use/Land Agriculture Natural	d Cover (1992   586.2 ac. 174.9 ac.	75.8% 22.6%	Site: No Total Area:		ap Location: №
Sas - Spring Valley States Alabama 100.0%	SCP 100.0%	Total Pop.	191	Land Use/Land Agriculture Natural	d Cover (1992   586.2 ac. 174.9 ac.	75.8% 22.6%	Site: No Total Area:		
States Nabama 100.0%  Viable Targets El. Code Scientific Na	SCP 100.0%	Total Pop.	191	Land Use/Land Agriculture Natural	d Cover (1992   586.2 ac. 174.9 ac.	75.8% 22.6%	Site: No Total Area: GAP Management Status		
States Alabama 100.0%  Viable Targets El. Code Scientific Na PDBRA1N12 Lesquerella lyr.	SCP 100.0%	Total Pop.	191 158	Land Use/Land Agriculture Natural	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac.	75.8% 22.6% 1.6%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod	Primary Threats	# Occurrer
538 - Spring Valley States Alabama 100.0%	SCP 100.0%	Total Pop.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.3 ac. 12.4 ac. 12.5 ac. 12.	75.8% 22.6% 1.6% Action NLCD)	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod	Primary Threats	# Occurrer
Sas - Spring Valley States Alabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN12 Lesquerella lyr.  Sag - Sunny Home of	me sta  Glades Subregions SCP - BUFF 72.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural	d Cover (1992) 586.2 ac. 174.9 ac. 12.3 ac.  nal Site d Cover (1992) 1,366.3 ac.	75.8% 22.6% 1.6% Action NLCD)	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1	Primary Threats	# Occurrer
States Nabama 100.0% Viable Targets El. Code Scientific Na DBRA1N12 Lesquerella lyr States	me ala  Glades Subregions	Total Pop. Pop./Sq. Mi.  Census 2000	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture	d Cover (1992) 586.2 ac. 174.9 ac. 12.3 ac.  nal Site d Cover (1992) 1,366.3 ac. 364.3 ac.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4%	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1	Primary Threats	# Occurrer
States Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN12 Lesquerella lyr  States Nabama 100.0%	me sta  Glades Subregions SCP - BUFF 72.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural	d Cover (1992) 586.2 ac. 174.9 ac. 12.3 ac.  nal Site d Cover (1992) 1,366.3 ac.	75.8% 22.6% 1.6% Action NLCD)	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1	Primary Threats	# Occurrer
Sas - Spring Valley States Alabama 100.0%  Viable Targets El. Code Scientific Na PDBRA1N12 Lesquerella lyr. Sag - Sunny Home States Alabama 100.0%	me sta   100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture	d Cover (1992) 586.2 ac. 174.9 ac. 12.3 ac.  nal Site d Cover (1992) 1,366.3 ac. 364.3 ac.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status	Primary Threats	# Occurrer
Sas - Spring Valley States Alabama 100.0%  Viable Targets El. Code Scientific Na PDBRA1N12 Lesquerella lyr Sag - Sunny Home States Alabama 100.0%  Viable Targets El. Code Scientific Na	me elta  Slades Subregions  SCP - BUFF 72.0% OUT 28.0%  me	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.4 ac. 12.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4% 12.6%	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1  GAP Management Status  Common Name	Primary Threats ,979.3 acres M Primary Threats	# Occurrer
States  Mabama 100.0%  Mable Targets  El. Code Scientific National States  Mabama 100.0%  Mable Targets  Mabama 100.0%  Mable Targets  El. Code Scientific National States  Mabama 100.0%  Mable Targets  El. Code Scientific National Schizachyrium	me ata  Slades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea -	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.4 ac. 12.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4% 12.6%	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1  GAP Management Status  Common Name Appalachian Sandstone Gli	Primary Threats ,979.3 acres M Primary Threats	# Occurrer
States  Mabama 100.0%  Mable Targets  El. Code Scientific National States  Mabama 100.0%  Mable Targets  Mabama 100.0%  Mable Targets  Mabama 100.0%  Mable Targets  El. Code Scientific National Scientific N	SCP	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  Culosus) Wooded He	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4% 12.6%	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gli Menge's Fame-flower	,979.3 acres M Primary Threats	# Occurrer ap Location: I # Occurrer
Alabama 100.0%  Alabie Targets El. Code Scientific Na States  Alabama 100.0%  Alabie Targets El. Code Scientific Na States  Alabama 100.0%  Alabama 100.0%  Alabama 100.0%  Alabama Scientific Na States  El. Code Scientific Na States  El. Code Scientific Na Scientific N	me ata  Slades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  prings	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  Culosus) Wooded He	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	75.8% 22.6% 1.6% Action NLCD) 69.0% 18.4% 12.6%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:
States  Alabama 100.0%  Alable Targets  El. Code Scientific National States  Alabama 100.0%  Alabama Scientific National Scientifi	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii  rrings Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158 62 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  Ca Type: Functio Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD)	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gli Menge's Fame-flower	,979.3 acres M Primary Threats	# Occurrer  # Occurrer  # Occurrer  ap Location:
itable Targets II. Code Scientific Na Stabema 100.0%  Siable Targets II. Code Scientific Na DBRA1N12 Lesquerella lyr.  Sig - Sunny Home states II. Lode Scientific Na Scie	me ata  Slades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  prings	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  Ca Type: Functio Land Use/Lan Natural	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.3 ac. 12.4 ac. 364.3 ac. 248.6 ac. 12.4 ac. 1	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD) 58.8%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:
States  Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN12 Lesquerella lyr.  States  Nabama 100.0%  Viable Targets  El. Code Scientific Na States  Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN2 Lesquerella lyr.  States  Viable Targets El. Code Scientific Na DBRAIN2 Scientific Na DBRAIN3 Talinum menge	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii  rrings Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158 62 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  Ca Type: Functio Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan Land Use/Lan	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD)	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:
States  Alabama 100.0%  Alable Targets  El. Code Scientific Na  DBRA1N12 Lesquerella lyr.  States  Alabama 100.0%  Alabama 100.0%  Alabama 100.0%  Alabama 100.0%  Alable Targets  El. Code Scientific Na   me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii  rrings Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action NLCD)  75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD) 58.8% 28.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:	
itable Targets  Ic. Code Scientific Na DBRA1N12 Lesquerella lyr.  States  Viable Targets  Ic. Code Scientific Na DBRA1N12 Lesquerella lyr.  States  Viable Targets  Ic. Code Scientific Na DBRA1N12 Lesquerella lyr.  States  Viable Targets  Ic. Code Scientific Na DBRA1N12 Lesquerella lyr.  Table Targets  Ic. Code Scientific Na Schizachyrium  DPOR080 Talinum mengensella Lesaus  Viable Targets	me ata  Slades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  rings Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action NLCD)  75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD) 58.8% 28.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:
States  Valable Targets  El. Code Scientific Na  States  Valable Targets  El. Code Scientific Na  States  Valabama 100.0%  Valable Targets  El. Code Scientific Na  States  Valabama 100.0%  Valable Targets  El. Code Scientific Na  SEGL00406 Schizachyrium  DPOR080 Talinum menge  States  Valabama 100.0%  Valabama 100.0%  Valable Targets  El. Code Scientific Na  States  Valabama Scientific Na  Valable Targets  El. Code Scientific Na  Valable Targets	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - isii  prings Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action NLCD)  75.8% 22.6% 1.6%  Action NLCD) 69.0% 18.4% 12.6%  Action NLCD) 58.8% 28.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M	# Occurrer  # Occurrer  # Occurrer  ap Location:
States  Valable Targets  El. Code Scientific Na DBRAIN12 Lesquerella lyr.  States  Valabama 100.0%  Valable Targets  El. Code Scientific Na DBRAIN12 Lesquerella lyr.  States  Valabama 100.0%  Valable Targets  El. Code Scientific Na DPOR080 Talinum menge  Valabama 100.0%  Valabama 100.0%  Valabama 100.0%  Valabama 100.0%  Valabama 100.0%  Valabama Scientific Na DAST8501 Rudbeckia aur	me ata  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii  prings Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158 (62 20 (62 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Land Use/Lan Natural Agriculture	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6%  Action NLCD) 58.8% 28.1% 13.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status	,979.3 acres M. Primary Threats  ades and Barrens  773.4 acres M. Primary Threats	# Occurrer  # Occurrer  # Occurrer
States Nabama 100.0%  Nable Targets El. Code Scientific Nable Targets Nabama 100.0%  Nable Targets States Nabama 100.0%  Nable Targets States Nabama 100.0%  Nable Targets El. Code Scientific Nable Targets El. Code Scientific Nable Targets Nabama 100.0%	me ata  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii  prings Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158 (62 20 (62 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 28.1% 13.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower	,979.3 acres M. Primary Threats  ades and Barrens  773.4 acres M. Primary Threats	# Occurrer  # Occurrer  ap Location:    # Occurrer
itable Targets I. Code Scientific Natabama 100.0%  Siable Targets II. Code Scientific Natabama 100.0%  Siable Targets III. Code Scientific Natabama 100.0%  Siable Targets III. Code Scientific Natabama 100.0%  Schizachyrium DPOR080 Talinum mengets III. Code Scientific Natabama 100.0%  Siable Targets III. Code Scientific Natabama 100.0%	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sisii virings Subregions SRV 100.0%  me culata r Bluffs	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A	191 158 (62 20 (62 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 28.1% 13.1%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gli Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area:  Common Name Eared Coneflower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats	# Occurrer  # Occurrer  ap Location:    # Occurrer
Alabama 100.0%  Alable Targets El. Code Scientific National 100.0%  Alabama 100.0%  Alable Targets El. Code Scientific National 100.0%  Alabama 100.0%	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  rrings Subregions SRV 100.0%  me cuiata r Bluffs Subregions	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A.  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,	191 158 (62 20 20	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.7 ac. 12.	NLCD) 75.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6%  Action NLCD) 58.8% 28.1% 13.1%  Action NLCD) 78.7% 16.8%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gli Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area:  Common Name Eared Coneflower  Site: No Total Area:	,979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats	# Occurrer  # Occurrer  ap Location:    # Occurrer
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States Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN12 Lesquerella lyr States Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN16 Schizachyrium DPDR080 Talinum menge States Nabama 100.0%  Viable Targets El. Code Scientific Na DBRAIN17 Lesquerella lyr DBRAIN18 100.0%  Viable Targets El. Code Scientific Na DBRAIN18 100.0%  Viable Targets El. Code Scientific Na DBRAISSOI Rudbeckia auru States Tennessee 100.0%  Viable Targets	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siti  prings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A.  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,	191 158 62 20 Aster sur ( 243 221	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.4 ac. 12.7 ac. 12.	Action NLCD) 69.0% 12.6% 12.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 13.1%  Action NLCD) 58.8% 28.1% 13.1%  Action NLCD) 69.0%	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gli Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area:  Common Name Eared Coneflower  Site: No Total Area:	,979.3 acres M. Primary Threats  ades and Barrens  773.4 acres M. Primary Threats  773.4 acres M. Primary Threats	# Occurrer  # Occurrer  # Occurrer  # Occurrer  ap Location:  # Occurrer  stry practices
States  Nabama 100.0%  Viable Targets El. Code Scientific Na POBRAIN12 Lesquerella lyr.  States  Nabama 100.0%  Viable Targets El. Code Scientific Na States  Nabama 100.0%  Viable Targets El. Code Scientific Na POPOR080 Talinum menge States  Nabama 100.0%  Viable Targets El. Code Scientific Na POPOR080 Talinum menge States  Nabama 100.0%  Viable Targets El. Code Scientific Na POPOR0801 Rudbeckia aum States  Tennessee 100.0%  Viable Targets  El. Code Scientific Na POPOR0801 Rudbeckia aum States  Tennessee 100.0%  Viable Targets  Tennessee 100.0%	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siti  prings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A.  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,	191 158 62 20 Aster sur ( 243 221	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  Water  CA Type: Functio	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.4 ac. 12.7 ac. 12.	Action NLCD) 58.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 13.1%  Action NLCD) 78.7% 16.8% 4.2% 0.3%  Action	Site: No Total Area: GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gle Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status	,979.3 acres M. Primary Threats  ades and Barrens  773.4 acres M. Primary Threats  773.4 acres M. Primary Threats	# Occurrer  # Occurrer  # Occurrer  ap Location:  # Occurrer  ap Location:
Alabama 100.0%  Alable Targets El. Code Scientific National 100.0%  Alabama 100.0%  Alable Targets El. Code Scientific National 100.0%  Alabama 100.0%	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - siii virings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,	191 158 62 20 Aster sur ( 243 221	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  Water  CA Type: Functio	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action NLCD) 58.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 13.1%  Action NLCD) 78.7% 16.8% 4.2% 0.3%  Action	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Site: No Total Area: GAP Management Status	979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats  773.4 acres M Primary Threats  Incompatible fore	# Occurrer  # Occurrer  ap Location:  # Occurrer  ap Location:  stry practices  ap Location:
States  Nabama 100.0%  Nable Targets  El. Code Scientific Nabama 100.0%  States  Nabama 100.0%  Nable Targets  States  Nabama 100.0%  Nable Targets  El. Code Scientific Nabama 100.0%  Nabama 100.0%  Nabama 100.0%  Nable Targets  El. Code Scientific Nabe Schizachyrium  DPDPOR080 Talinum menget  States  Nabama 100.0%  Nable Targets  El. Code Scientific Nabama 100.0%  Nable Targets  States  Viable Targets  States  Viable Targets  States  Viable Targets	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  virings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,	191 158 62 20 8.ster sur	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  ater  CA Type: Functio Land Use/Lan Natural Agriculture Developed Water  CA Type: Functio Land Use/Lan	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action   NLCD	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Site: No Total Area: GAP Management Status	979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats  773.4 acres M Primary Threats  Incompatible fore	# Occurrer  # Occurrer  # Occurrer  ap Location:  # Occurrer  ap Location:
iable Targets  I. Code Scientific Na DBRA1N12 Lesquerella lyr.  II. Code Scientific Na DBRA1N12 Lesquerella lyr.  III. Code Scientific Na DBRA1N12 Lesquerella lyr.  III. Code Scientific Na BEGL00406 Schizachyrium DPOR080 Talinum menge A40 - Tapawingo Sp. Tates  III. Code Scientific Na DAST8501 Rudbeckia aur.  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Code Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Ode Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Ode Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Ode Scientific Na BAST8501 Rudbeckia aur.  III. Watauga Rivetates  III. Ode Scientific Na BAST8501 Rudbeckia aur.	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  virings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi.	191   158   62   20   69   69	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed CA Type: Functio Land Use/Lan Natural Agriculture Developed Water  CA Type: Functio Land Use/Lan Natural Agriculture Water  Water	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 13.4 ac. 13.	Action NLCD) 58.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 13.1%  Action NLCD) 78.7% 28.1% 13.1%  Action NLCD) 78.7% 4.2% 0.3%  Action NLCD) 80.6% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Site: No Total Area: GAP Management Status	979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats  773.4 acres M Primary Threats  Incompatible fore	# Occurred  # Occurred  # Occurred  ap Location:  # Occurred  ap Location:
38 - Spring Valley tates labama 100.0%  iable Targets I. Code Scientific Na DBRA1N12 Lesquerella lyr 39 - Sunny Home tates labama 100.0%  iable Targets I. Code Scientific Na DAST8501 Rudbeckia auri 41 - Watauga Rivetates ennessee 100.0%  iable Targets 42 - Whitmores Blates labara 100.0%	me sita  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sii  virings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi.	191   158   62   20   69   69	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed  Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  Water  CA Type: Functio Land Use/Lan Natural Agricultural Agricultural Agricultural	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 12.	Action NLCD) 69.0% 12.6% 12.6% 12.6% 12.6% 12.6% 12.6% 12.6% 13.1% 12.6% 13.1% 14.6% 15.8% 15.1% 15.8% 15.1% 15.8% 15.1% 15.8% 15.1% 15.8% 15.1% 15.8% 15.1%	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Site: No Total Area: GAP Management Status	979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats  773.4 acres M Primary Threats  Incompatible fore	# Occurrer  # Occurrer  # Occurrer  ap Location:  # Occurrer  ap Location:
itable Targets IL Code Scientific Na BBRAIN12 Lesquerella lyri SIBOPORONO Scientific Na BBRAIN12 Lesquerella lyri SIBOPORONO Scientific Na SIBOPORONO Scientific Na SIBOPORONO Scientific Na SCIENTIFI	me sta  Glades Subregions SCP - BUFF 72.0% OUT 28.0%  me scoparium - Danthonia sericea - sisii virings Subregions SRV 100.0%  me culata r Bluffs Subregions NRV 100.0%  uff Subregions SRV 100.0%	Total Pop. Pop./Sq. Mi.  Census 2000 Total Pop. Pop./Sq. Mi.  Liatris microcephala - (A  Census 2000 Total Pop. 1, Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi. 1,  Census 2000 Total Pop. Pop./Sq. Mi.	191   158   62   20   69   69	Land Use/Lan Agriculture Natural Developed  CA Type: Functio Land Use/Lan Natural Agriculture Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed  CA Type: Functio Land Use/Lan Natural Agriculture Developed Water  CA Type: Functio Land Use/Lan Natural Agriculture Developed CA Type: Functio Land Use/Lan Natural Agriculture Developed Water  CA Type: Functio Land Use/Lan Natural Agriculture Water  Water	d Cover (1992   586.2 ac. 174.9 ac. 12.3 ac. 13.4 ac. 13.	Action NLCD) 58.8% 22.6% 1.6%  Action NLCD) 69.0% 12.6% 12.6% 13.1%  Action NLCD) 78.7% 28.1% 13.1%  Action NLCD) 78.7% 4.2% 0.3%  Action NLCD) 80.6% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2% 4.2	Site: No Total Area:  GAP Management Status  Common Name Lyrate Bladderpod  Site: No Total Area: 1 GAP Management Status  Common Name Appalachian Sandstone Gl Menge's Fame-flower  Site: No Total Area: GAP Management Status  Common Name Eared Coneflower  Site: No Total Area: GAP Management Status  Site: No Total Area: GAP Management Status	979.3 acres M Primary Threats  ades and Barrens  773.4 acres M Primary Threats  773.4 acres M Primary Threats  Incompatible fore	# Occurren  ap Location: stry practices  ap Location: N

S43 - Wil	lliams Tract				(	CA Type: Functi	onal Site	Action	Site: No	Total Area:	773.4 acres	Map Location:	113
States		Subregions	<u> </u>	Census 2000		Land Use/La	nd Cover (1992	NLCD)	GAP N	lanagement Status	Primary Thr	eats	
Tennessee	100.0%	NCP	100.0%	Total Pop.	7	Natural	766.0 ac.	99.0%					
				Pop./Sq. Mi.	6	Agriculture	7.4 ac.	1.0%					
Viable Tar	gets												
El. Code	Scientific Nar	me							C	Common Name		# Occurren	nces
CEGL00406	Schizachyrium s	coparium - Danth	onia sericea -	Liatris microcephala -	(Aster sui	culosus) Wooded F	lerbaceous Vegetati	on	А	ppalachian Sandstone Gl	ades and Barrens		1
CEGR04501	Appalachian Co	ve (Mixed Mesoph	hytic) Forests						А	ppalachian Cove (Mixed I	Mesophytic) Forests	3	1
CEGR04601	Xeric Oak-Pine	Forests							Х	eric Oak-Pine Forests			1
S44 - Yel	llow Bluff				(	CA Type: Functi	onal Site	Action	Site: No	Total Area:	773.4 acres	Map Location: N	N17
States		Subregions	3	Census 2000		Land Use/La	nd Cover (1992	NLCD)	GAP N	lanagement Status	Primary Thr	eats	
Alabama	100.0%	SCP	100.0%	Total Pop.		Natural	615.2 ac.	79.5%					
				Pop./Sq. Mi.		Agriculture	158.2 ac.	20.5%					
Viable Tar	gets												
El. Code	Scientific Nar	ne							C	Common Name		# Occurren	nces
PDAST8L04	Silphium brachia	atum							С	umberland Rosinweed			1
S45 - Yel	llowleaf Cre	ek			(	CA Type: Functi	onal Site	Action	Site: No	Total Area:	773.4 acres	Map Location: 0	Q16
States		Subregions	3	Census 2000		Land Use/La	nd Cover (1992	NLCD)	GAP N	lanagement Status	Primary Thr	eats	
Alabama	100.0%	SRV	100.0%	Total Pop.	0	Natural	763.6 ac.	98.7%					
				Pop./Sq. Mi.	0	Agriculture	7.4 ac.	1.0%					
						Developed	2.5 ac.	0.3%					
Viable Tar	gets												
El. Code	Scientific Nar	ne							C	Common Name		# Occurren	nces
	Hymenocallis co								0	hoals Spiderlily			_

					CSRV Ecoregion
C001 - AL	Colbert				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Alabama	100.0%	SCP - BUFF 59.5%	Total Pop. 8,180	Natural 25,710.7 ac. 51.4%	
		SCP 40.5%	Pop./Sq. Mi. 105	Agriculture 17,477.4 ac. 34.9%	
				Water 4,655.4 ac. 9.3% Developed 2,167.1 ac. 4.3%	
C002 - AL	Do Kalla			Developed 2,167.1 ac. 4.3%	Total Area: 50,010.5 acres
States	L DE KAID	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Alabama	100.0%	SCP 100.0%	Total Pop. 13,224	Natural 36,746.5 ac. 73.5%	2 199.8 ac. 0.4%
ruabama	100.070	100.070	Pop./Sq. Mi. 169	Agriculture 10,855.7 ac. 21.7%	2 100.0 00. 0.170
				Developed 2,334.2 ac. 4.7%	
				Water 74.1 ac. 0.1%	
C003 - AL	Jackson 1	Terrestrial CA C	containing Cave Entrance: M29 -	Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Alabama	100.0%	SCP 100.0%	Total Pop. 3,739	Natural 36,228.9 ac. 72.4%	
			Pop./Sq. Mi. 48	Agriculture 12,361.2 ac. 24.7%	
				Developed 1,284.5 ac. 2.6% Water 135.9 ac. 0.3%	
C004 AL	Inches 2	Torrostrial CA C	Containing Cave Entrance: M20		Total Area: 50 010 5 cores
States	_ Jackson 2	Subregions	Census 2000	Franklin/Marion/Jackson Mountains  Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Alabama	100.0%	SCP 100.0%	Total Pop. 941	Natural 47,035.0 ac. 94.1%	3 17,326.3 ac. 34.6%
Tennessee	0.0%	100.070	Pop./Sq. Mi. 12	Agriculture 2,125.4 ac. 4.2%	o 11,626.6 de. 6 1.676
				Developed 850.1 ac. 1.7%	
C005 - AL	Jackson 3	Terrestrial CA C	ontaining Cave Entrance: M29 -	Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Alabama	59.7%	SCP 93.0%	Total Pop. 2,268	Natural 42,745.5 ac. 85.5%	
Tennessee	40.3%	NCP 7.0%	Pop./Sq. Mi. 29	Agriculture 6,847.6 ac. 13.7%	
				Developed 387.8 ac. 0.8%	
				Water 29.6 ac. 0.1%	
	Jackson 4			Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
States Alabama	100.0%	Subregions SCP 100.0%	Census 2000 Total Pop. 5,797	Land Use/Land Cover (1992 NLCD)  Natural 30,887.6 ac. 61.8%	GAP Management Status
Alabama	100.0%	SCP 100.0%	Pop./Sq. Mi. 74	Agriculture 11,740.0 ac. 23.5%	
			P 0p./3q. Wii. 74	Water 6,609.8 ac. 13.2%	
				Developed 773.1 ac. 1.5%	
C007 - AL	. Madison 1				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Alabama	100.0%	OUT 52.2%	Total Pop. 33,473	Agriculture 22,198.6 ac. 44.4%	3 15,670.3 ac. 31.3%
		SCP - BUFF 47.8%	Pop./Sq. Mi. 428	Natural 21,245.4 ac. 42.5%	2 7,537.5 ac. 15.1%
				Developed 4,921.8 ac. 9.8%	
				Water 1,644.7 ac. 3.3%	
	_ Madison 2		containing Cave Entrance: M33 -	Huntsville Mountains	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Huntsville Mountains Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
	_ <b>Madison 2</b>		Census 2000 Total Pop. 7,134	Huntsville Mountains  Land Use/Land Cover (1992 NLCD)  Natural 29,740.3 ac. 59.5%	
States		Subregions	Census 2000	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	
States		Subregions	Census 2000 Total Pop. 7,134	Huntsville Mountains  Land Use/Land Cover (1992 NLCD)  Natural 29,740.3 ac. 59.5%	
States Alabama	100.0%	Subregions	Census 2000 Total Pop. 7,134	Huntsville Mountains	GAP Management Status
States Alabama		Subregions	Census 2000 Total Pop. 7,134	Huntsville Mountains	
States Alabama	100.0%	Subregions SCP 100.0%	Census 2000           Total Pop.         7,134           Pop./Sq. Mi.         91	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	GAP Management Status  Total Area: 50,010.5 acres
States Alabama  C009 - AL States	100.0%	Subregions SCP 100.0% Subregions	Census 2000  Total Pop. 7,134  Pop./Sq. Mi. 91  Census 2000	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural   29,740.3 ac. 59.5%     Agriculture   19,162.5 ac. 38.3%     Developed   781.3 ac. 1.6%     Water   326.4 ac. 0.7%     Land Use/Land Cover (1992 NLCD)	GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States	100.0%	Subregions           SCP         100.0%             Subregions           SCP - BUFF         73.9%	Census 2000 Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000 Total Pop. 107,007	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1%
States Alabama  C009 - AL States Alabama	100.0%  - Madison 3  100.0%	Subregions           SCP         100.0%             Subregions           SCP - BUFF         73.9%           OUT         17.2%	Census 2000 Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000 Total Pop. 107,007	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%
States Alabama  C009 - AL States Alabama  C010 - AL	100.0%	Subregions           SCP         100.0%           Subregions           SCP - BUFF         73.9%           OUT         17.2%           SCP         8.8%	Census 2000 Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000 Total Pop. 107,007 Pop./Sq. Mi. 1,369	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres
States Alabama  C009 - AL States Alabama  C010 - AL States	100.0%  - Madison 3  100.0%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL	100.0%  - Madison 3  100.0%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres
States Alabama  C009 - AL States Alabama  C010 - AL States	100.0%  - Madison 3  100.0%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States	100.0%  - Madison 3  100.0%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%	Subregions           SCP         100.0%           Subregions           SCP - BUFF         73.9%           OUT         17.2%           SCP         8.8%    Subregions  SCP - BUFF  56.0%  SCP  44.0%	Census 2000 Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000 Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000 Total Pop. 7,572 Pop./Sq. Mi. 97	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres   GAP Management Status   3 3,044.0 ac. 6.1%   2 488.0 ac. 1.0%
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama	100.0%  - Madison 3  100.0%	Subregions           SCP         100.0%           Subregions           SCP - BUFF         73.9%           OUT         17.2%           SCP         8.8%    Subregions  SCP - BUFF  56.0%  SCP  44.0%	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural   29,740.3 ac. 59.5%     Agriculture   19,162.5 ac. 38.3%     Developed   781.3 ac. 1.6%     Water   326.4 ac. 0.7%     Land Use/Land Cover (1992 NLCD)     Natural   18,860.8 ac. 37.7%     Developed   17,297.5 ac. 34.6%     Agriculture   13,756.0 ac. 27.5%     Water   96.3 ac. 0.2%     Land Use/Land Cover (1992 NLCD)     Natural   23,374.8 ac. 46.7%     Agriculture   18,453.8 ac. 36.9%     Water   7,579.1 ac. 15.2%     Developed   602.8 ac. 1.2%     Newsome Sinks	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352	Huntsville Mountains   Land Use/Land Cover (1992 NLCD)     Natural	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres
CO09 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status
CO10 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%  - Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Census 2000  Consus 2000	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status 5 15,599.3 ac. 31.2%
CO10 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
CO10 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%  - Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Census 2000  Consus 2000	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
CO10 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%  - Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama  C011 - AL States Alabama  C012 - GA States Georgia	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%	Subregions     SCP	Census 2000 Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000 Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000 Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000 Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000 Total Pop. 16,242 Pop./Sq. Mi. 208	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama  C011 - AL States Alabama  C012 - GA States Georgia	100.0%  - Madison 3  100.0%  - Morgan 1  100.0%  - Morgan 2  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama  C011 - AL States Alabama  C012 - GA States Georgia	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status 2 Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama  CO12 - GA States Georgia	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Census 2000  Containing Cave Entrance: M50 - Census 2000  Containing Cave Entrance: M50 - Census 2000	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama  C011 - GA States Georgia  C013 - GA States Georgia	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama  CO11 - GA States Georgia  CO13 - GA States Georgia	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%	Subregions	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status
States Alabama  C009 - AL States Alabama  C010 - AL States Alabama  C011 - AL States Alabama  C012 - GA States Georgia  C013 - GA States Georgia Alabama  C014 - GA	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%	Subregions	Census 2000	Huntsville Mountains	Total Area: 50,010.5 acres GAP Management Status 3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status  3 428.5 ac. 0.9%  Total Area: 50,010.5 acres
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama  CO11 - GA States Georgia Alabama  CO13 - GA States Georgia Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%  8.8%  A Chattooga 2	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 3,369 Pop./Sq. Mi. 43	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres  GAP Management Status
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama  CO12 - GA States Georgia  CO13 - GA States Georgia Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%  8.8%	Subregions	Census 2000	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres  GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status  3 428.5 ac. 0.9%  Total Area: 50,010.5 acres
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO11 - AL States Alabama  CO11 - GA States Georgia Alabama  CO13 - GA States Georgia Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%  8.8%  A Chattooga 2	Subregions     SCP	Census 2000  Total Pop. 7,134 Pop./Sq. Mi. 91  Census 2000  Total Pop. 107,007 Pop./Sq. Mi. 1,369  Census 2000  Total Pop. 7,572 Pop./Sq. Mi. 97  Containing Cave Entrance: N29 - Census 2000  Total Pop. 6,352 Pop./Sq. Mi. 81  Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 16,242 Pop./Sq. Mi. 208  Containing Cave Entrance: M50 - Census 2000  Total Pop. 3,369 Pop./Sq. Mi. 43	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres  GAP Management Status
CO19 - AL States Alabama  CO10 - AL States Alabama  CO11 - AL States Alabama  CO12 - GA States Georgia  CO13 - GA States Georgia Alabama	100.0%  Madison 3  100.0%  Morgan 1  100.0%  Morgan 2  100.0%  A Bartow  100.0%  A Chattooga 1  91.2%  8.8%  A Chattooga 2	Subregions     SCP	Census 2000	Huntsville Mountains	Total Area: 50,010.5 acres  GAP Management Status  3 3,044.0 ac. 6.1% 2 488.0 ac. 1.0%  Total Area: 50,010.5 acres  GAP Management Status 2 15,599.3 ac. 31.2%  Total Area: 50,010.5 acres  GAP Management Status

CU15 - 6-A	Dade 1	Terrestrial CA (	Containing Cave Entrance: M41 - L	_ookout & Pigeon Mountains	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SCP 95.8%	Total Pop. 7,604	Natural 43,573.9 ac. 87.1%	2 2,354.2 ac. 4.7%
		SRV 4.2%	Pop./Sq. Mi. 97	Agriculture 5,292.6 ac. 10.6%	
				Developed 1,055.1 ac. 2.1%	
				Water 89.0 ac. 0.2%	
C016 - GA	Dade 2		containing Cave Entrance: N19 - F		Total Area: 50,010.5 acres
States	0.4.007	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	64.8% 35.2%	SCP 100.0%	Total Pop. 3,668 Pop./Sq. Mi. 47	Natural 42,652.0 ac. 85.3% Agriculture 6,138.3 ac. 12.3%	
Alabama	35.2%		Pop./Sq. Mi. 47	Agriculture 6,138.3 ac. 12.3% Developed 1,121.4 ac. 2.2%	
				Water 98.8 ac. 0.2%	
2017 64	D-4- 2	Townsormial CA	Cantaining Cava Entranga, M44		Total Area: 50,010.5 acres
CO17 - GA States	Dade 3	Subregions	Containing Cave Entrance: M41 - L Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SCP 79.5%	Total Pop. 3,407	Natural 43,653.6 ac. 87.3%	2 2,337.6 ac. 4.7%
Jeorgia	100.070	SRV 20.5%	Pop./Sq. Mi. 44	Agriculture 5,312.2 ac. 10.6%	2 2,337.0 dc. 4.770
		20.070	<u> </u>	Developed 953.3 ac. 1.9%	
				Water 91.4 ac. 0.2%	
C018 - GA	Dade 4	Terrestrial CA (	Containing Cave Entrance: N19 - F	Fox Mountain	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	55.0%	SCP 100.0%	Total Pop. 4,481	Natural 41,308.2 ac. 82.6%	2 11.3 ac. 0.0%
Alabama	45.0%		Pop./Sq. Mi. 57	Agriculture 7,566.0 ac. 15.1%	
				Developed 1,037.5 ac. 2.1%	
				Water 98.8 ac. 0.2%	
C019 - GA	Dade 5		Containing Cave Entrance: M41 - L		Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SCP 96.9%	Total Pop. 7,767	Natural 43,493.2 ac. 87.0%	2 2,354.2 ac. 4.7%
		SRV 3.1%	Pop./Sq. Mi. 99	Agriculture 5,452.1 ac. 10.9% Developed 973.8 ac. 1.9%	
				Water 91.4 ac. 0.2%	
2020 61	Walles: 4	Towns strict OA (	Containing Cove Enteres - MCC -		Total Area: FO 040 F
CO20 - GA	waiker 1		Containing Cave Entrance: M50 - F Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres
States Georgia	100.0%	SRV 73.2%	Total Pop. 9,117	Natural 37,670.3 ac. 75.3%	GAP Management Status 3 13,120.5 ac. 26.2%
Jourgia	100.070	SCP 26.8%	Pop./Sq. Mi. 117	Agriculture 10,875.8 ac. 21.7%	U 13,120.3 db. 20.2%
		20.070	i opoq. iii.	Developed 1,368.1 ac. 2.7%	
				Water 96.3 ac. 0.2%	
:021 - GA	Walker 2	Terrestrial CA (	Containing Cave Entrance: M41 - L	ookout & Pigeon Mountains	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SRV 51.4%	Total Pop. 3,622	Natural 40,096.3 ac. 80.2%	3 1,671.2 ac. 3.3%
_		SCP 48.6%	Pop./Sq. Mi. 46	Agriculture 8,992.9 ac. 18.0%	2 724.4 ac. 1.4%
				Developed 817.5 ac. 1.6%	
				Water 103.7 ac. 0.2%	
C022 - GA	Walker 3				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SRV 96.5%	Total Pop. 11,203	Natural 34,815.5 ac. 69.6%	3 12.5 ac. 0.0%
		SCP 3.5%	Pop./Sq. Mi. 143	Agriculture 14,217.1 ac. 28.4% Developed 876.7 ac. 1.8%	
				Water 101.3 ac. 0.2%	
023 - GA	Walker 4	Torrostrial CA	Containing Cave Entrance: M41 - L		Total Area: 50,010.5 acres
States	Walkel 4	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	96.7%	SCP 76.5%	Total Pop. 892	Natural 43,008.1 ac. 86.0%	3 7,081.1 ac. 14.2%
Alabama	3.3%	SRV 23.5%	Pop./Sq. Mi. 11	Agriculture 6,404.5 ac. 12.8%	1 142.7 ac. 0.3%
				Developed 496.6 ac. 1.0%	
				Water 101.3 ac. 0.2%	
024 - GA	Walker 5	Terrestrial CA (	containing Cave Entrance: M50 - F	Pigeon Mountains	Total Area: 50,010.5 acres
states		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Seorgia	100.0%	SRV 70.4%	Total Pop. 7,616	Natural 38,072.5 ac. 76.1%	3 15,882.6 ac. 31.8%
		SCP 29.6%	Pop./Sq. Mi. 97	Agriculture 10,667.8 ac. 21.3%	
				Developed 1,210.8 ac. 2.4%	
				Water 59.3 ac. 0.1%	
	Walker 6		containing Cave Entrance: M50 - F		Total Area: 50,010.5 acres
States	100.00	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Georgia	100.0%	SRV 70.0%	Total Pop. 5,620	Natural 38,699.6 ac. 77.4%	3 16,284.7 ac. 32.6%
		SCP 30.0%	Pop./Sq. Mi. 72	Agriculture 10,579.4 ac. 21.2%	
				Developed 672.2 ac. 1.3% Water 59.3 ac. 0.1%	
		Torrestrial CA 4	Containing Cove Enter - 1450		Total Area: F0.040.5
2026 63		Subregions	Containing Cave Entrance: M50 - F Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
	Walker 7		Total Pop. 3,042	Natural 39,908.6 ac. 79.8%	3 16,675.7 ac. 33.3%
States					0 10,010.1 ac. 00.070
States	100.0%	SRV 66.7%		Addiculture 9.563.2 ac. 19.1%	
States				Agriculture 9,563.2 ac. 19.1% Developed 467.0 ac. 0.9%	
States		SRV 66.7%			
States Georgia	100.0%	SRV 66.7% SCP 33.3%		Developed         467.0 ac.         0.9%           Water         71.7 ac.         0.1%	Total Area: 50,010.5 acres
States Georgia	100.0%	SRV 66.7% SCP 33.3%	Pop./Sq. Mi. 39	Developed         467.0 ac.         0.9%           Water         71.7 ac.         0.1%	
States Georgia CO27 - GA States	100.0%	SRV 66.7% SCP 33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F	Developed   467.0 ac.   0.9%	GAP Management Status
States Georgia CO27 - GA States	100.0% Walker 8	SRV         66.7%           SCP         33.3%    Terrestrial CA ( Subregions	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status
States Georgia CO27 - GA States	100.0% Walker 8	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status
States Georgia CO27 - GA States	100.0% Walker 8	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status
Georgia  CO27 - GA  States  Georgia	100.0%  Walker 8  100.0%	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	
Georgia  CO27 - GA States Georgia	100.0%  Walker 8  100.0%	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status 3 16,254.3 ac. 32.5%
States Georgia  CO27 - GA States Georgia  CO28 - KY States	100.0%  Walker 8  100.0%	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009  Pop./Sq. Mi. 77	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status 3 16,254.3 ac. 32.5%  Total Area: 50,010.5 acres
States Georgia  CO27 - GA States Georgia  CO28 - KY States	100.0%  Walker 8  100.0%  Carter	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status 3 16,254.3 ac. 32.5%  Total Area: 50,010.5 acres GAP Management Status 2 1,039.8 ac. 2.1% 3 781.8 ac. 1.6%
CO26 - GA States Georgia  CO27 - GA States Georgia  CO28 - KY States Kentucky	100.0%  Walker 8  100.0%  Carter	SRV   66.7%   SCP   33.3%	Pop./Sq. Mi. 39  Containing Cave Entrance: M50 - F  Census 2000  Total Pop. 6,009 Pop./Sq. Mi. 77   Census 2000  Total Pop. 2,668	Developed   467.0 ac.   0.9%   Water   71.7 ac.   0.1%	GAP Management Status 3 16,254.3 ac. 32.5%  Total Area: 50,010.5 acres GAP Management Status 2 1,039.8 ac. 2.1%

				CSRV Ecoregion
C029 - KY Estill 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP - BUFF 73.3%	Total Pop. 1,764	Natural 49,439.8 ac. 98.9%	3 2,806.1 ac. 5.6%
	NCP 20.8%	Pop./Sq. Mi. 23	Agriculture 439.8 ac. 0.9%	1 40.8 ac. 0.1%
	OUT 5.9%		Developed 121.1 ac. 0.2% Water 9.9 ac. 0.0%	
C030 - KY Estill 2			0.0 do. 0.070	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP - BUFF 75.3%	Total Pop. 1,524	Natural 49,128.8 ac. 98.2%	3 2,147.2 ac. 4.3%
	OUT 17.9%	Pop./Sq. Mi. 20	Agriculture 820.0 ac. 1.6%	
	NCP 6.8%		Developed 54.3 ac. 0.1%	
			Water 7.4 ac. 0.0%	
C031 - KY Estill 3				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP - BUFF 74.3% NCP 16.6%	<u>Total Pop.</u> 2,031 Pop./Sq. Mi. 26	Natural 49,274.3 ac. 98.5% Agriculture 486.7 ac. 1.0%	3 3,246.9 ac. 6.5% 1 23.8 ac. 0.0%
	OUT 9.1%	F 0p./3q. IVII. 20	Developed 234.7 ac. 0.5%	1 23.8 ac. 0.0%
	0.178		Water 14.8 ac. 0.0%	
C032 - KY Jackson	Terrestrial CA C	ontaining Cave Entrance: M67 -	Station Camp Creek Corridor	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP - BUFF 68.7%	Total Pop. 2,062	Natural 47,589.4 ac. 95.2%	3 5,729.1 ac. 11.5%
	OUT 31.3%	Pop./Sq. Mi. 26	Agriculture 2,240.8 ac. 4.5%	
			Developed 163.1 ac. 0.3%	
			Water 17.3 ac. 0.0%	
C033 - KY Lee 1		ontaining Cave Entrance: N07 - Census 2000		Total Area: 50,010.5 acres
States Kentucky 100.0%	Subregions NCP 61.1%	Total Pop. 2,363	Land Use/Land Cover (1992 NLCD)  Natural 48,484.6 ac. 96.9%	GAP Management Status 3 5,670.0 ac. 11.3%
INCHILUCKY 100.0%	NCP - BUFF 38.9%	Pop./Sq. Mi. 30	Agriculture 920.0 ac. 1.8%	5 5,070.0 ac. 11.3%
	20 30.070	p.: 5q 00	Water 452.6 ac. 0.9%	
			Developed 153.3 ac. 0.3%	
C034 - KY Lee 2				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP 66.3%	Total Pop. 2,242	Natural 48,190.6 ac. 96.4%	3 5,825.7 ac. 11.6%
	NCP - BUFF 33.7%	Pop./Sq. Mi. 29	Agriculture 908.7 ac. 1.8%	
			Water 730.9 ac. 1.5%	
			Developed 180.3 ac. 0.4%	
C035 - KY Lee 3		ontaining Cave Entrance: N07 - Census 2000		Total Area: 50,010.5 acres
States Kentucky 100.0%	Subregions NCP 57.1%	Total Pop. 2,353	Land Use/Land Cover (1992 NLCD)  Natural 48,624.3 ac. 97.2%	GAP Management Status 3 5,495.3 ac. 11.0%
rentacky 100.070	NCP - BUFF 42.9%	Pop./Sq. Mi. 30	Agriculture 904.4 ac. 1.8%	5 5,455.5 ac. 11.070
			Water 321.2 ac. 0.6%	
			Developed 160.6 ac. 0.3%	
C036 - KY Lee 4				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP 50.8%	Total Pop. 1,730	Natural 47,967.1 ac. 95.9%	3 6,047.3 ac. 12.1%
	NICE BLIEF 10 00/	D (0 M) 00	4 : 11 4 000 0 0 70/	
	NCP - BUFF 49.2%	Pop./Sq. Mi. 22	Agriculture 1,339.2 ac. 2.7%	
	NCP - BUFF 49.2%	Pop./Sq. Mi. 22	Water 593.0 ac. 1.2%	
CO37 - KY Menifee			Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%	Total Area: 50 010 5 acres
C037 - KY Menifee	Terrestrial CA C	ontaining Cave Entrance: N02 -	Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%           Beaver Creek Area of Cave Run Lake	Total Area: 50,010.5 acres
			Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%	· · · · · · · · · · · · · · · · · · ·
States	Terrestrial CA C	ontaining Cave Entrance: N02 - Census 2000	Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%           Beaver Creek Area of Cave Run Lake         Land Use/Land Cover (1992 NLCD)           Natural         43,660.7 ac.         87.3%           Agriculture         3,178.6 ac.         6.4%	GAP Management Status
States	Terrestrial CA C Subregions NCP 65.9%	Census 2000 Total Pop. 1,493	Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%           Beaver Creek Area of Cave Run Lake           Land Use/Land Cover (1992 NLCD)           Natural         43,660.7 ac.         87.3%           Agriculture         3,178.6 ac.         6.4%           Water         3,030.4 ac.         6.1%	GAP Management Status
States Kentucky 100.0%	Terrestrial CA C Subregions NCP 65.9% NCP - BUFF 34.1%	Census 2000 Total Pop. 1,493 Pop./Sq. Mi. 19	Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%           Beaver Creek Area of Cave Run Lake           Land Use/Land Cover (1992 NLCD)           Natural         43,660.7 ac.         87.3%           Agriculture         3,178.6 ac.         6.4%           Water         3,030.4 ac.         6.1%           Developed         140.8 ac.         0.3%	<b>GAP Management Status</b> 3 28,135.5 ac. 56.3%
States   Kentucky 100.0%	Terrestrial CA C Subregions NCP 65.9% NCP - BUFF 34.1%  Terrestrial CA C	census 2000 Total Pop. 1,493 Pop./Sq. Mi. 19  ontaining Cave Entrance: M59 -	Water         593.0 ac.         1.2%           Developed         111.2 ac.         0.2%           Beaver Creek Area of Cave Run Lake           Land Use/Land Cover (1992 NLCD)           Natural         43,660.7 ac.         87.3%           Agriculture         3,178.6 ac.         6.4%           Water         3,030.4 ac.         6.1%           Developed         140.8 ac.         0.3%           Red River Gorge	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres
States   Kentucky 100.0%	Terrestrial CA C Subregions  NCP 65.9%  NCP - BUFF 34.1%  Terrestrial CA C Subregions	Census 2000  Total Pop. 1,493 Pop./Sq. Mi. 19  containing Cave Entrance: M59 - Census 2000	Water   593.0 ac.   1.2%	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres GAP Management Status
States   Kentucky 100.0%	Terrestrial CA C Subregions NCP 65.9% NCP - BUFF 34.1%  Terrestrial CA C Subregions NCP - BUFF 75.3%	Census 2000  Total Pop. 1,493 Pop./Sq. Mi. 19  Containing Cave Entrance: M59 - Census 2000  Total Pop. 1,385	Water   593.0 ac.   1.2%	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres
States   Kentucky 100.0%	Terrestrial CA C	Census 2000  Total Pop. 1,493 Pop./Sq. Mi. 19  containing Cave Entrance: M59 - Census 2000	Water   593.0 ac.   1.2%	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres GAP Management Status
States   Kentucky 100.0%	Terrestrial CA C Subregions NCP 65.9% NCP - BUFF 34.1%  Terrestrial CA C Subregions NCP - BUFF 75.3%	Census 2000  Total Pop. 1,493 Pop./Sq. Mi. 19  Containing Cave Entrance: M59 - Census 2000  Total Pop. 1,385	Water   593.0 ac.   1.2%	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres GAP Management Status
States   Kentucky 100.0%	Terrestrial CA C	Census 2000  Total Pop. 1,493 Pop./Sq. Mi. 19  Containing Cave Entrance: M59 - Census 2000  Total Pop. 1,385	Water   593.0 ac.   1.2%	GAP Management Status  3 28,135.5 ac. 56.3%  Total Area: 50,010.5 acres GAP Management Status
States   Kentucky 100.0%	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	GAP Management Status   3   28,135.5   ac.   56.3%
States   Kentucky 100.0%	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	GAP Management Status   3   28,135.5   ac.   56.3%
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0 ac.   1.2%	GAP Management Status   3   28,135.5   ac.   56.3%
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	GAP Management Status   3   28,135.5   ac.   56.3%
States Kentucky 100.0%  CO38 - KY Powell States Kentucky 100.0%  CO39 - KY Pulaski 1 States Kentucky 100.0%	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	GAP Management Status   3   28,135.5   ac.   56.3%
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States Kentucky 100.0%  C038 - KY Powell States Kentucky 100.0%  C039 - KY Pulaski 1 States Kentucky 100.0%  C040 - KY Pulaski 2	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	GAP Management Status   3   28,135.5 ac.   56.3%
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	NCP	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	NCP	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States Kentucky 100.0%  C038 - KY Powell States Kentucky 100.0%  C039 - KY Pulaski 1 States Kentucky 100.0%  C040 - KY Pulaski 2 States Kentucky 100.0%  C041 - KY Pulaski 3 States Kentucky 100.0%	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres
States   Kentucky	Terrestrial CA C	Census 2000	Water   593.0   ac.   1.2%	Total Area: 50,010.5 acres

C043 - KY Pulaski 5	Cubuanias -	Camaria 2000	Land Has/Land Course (4000 NLOP)	Total Area: 50,010.5 acres
States Kentucky 100.0%	Subregions NCP 67.1%	<b>Census 2000</b> Total Pop. 9,433	Land Use/Land Cover (1992 NLCD)  Natural 40,773.5 ac. 81.5%	GAP Management Status 3 1,098.0 ac. 2.2%
Remucky 100.0%	NCP - BUFF 32.9%	Pop./Sq. Mi. 121	Agriculture 7,623.4 ac. 15.2%	3 1,096.0 ac. 2.2%
	NOF - BOTT 32.976	F 0p./3q. IVII. 121	Developed 1,156.5 ac. 2.3%	
			Water 457.2 ac. 0.9%	
C044 - KY Rockcastle	Terrestrial CA	Containing Cave Entrance: N16 -	Crooked Creek	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP 100.0%	Total Pop. 2,073	Natural 49,081.7 ac. 98.1%	3 11,523.3 ac. 23.0%
		Pop./Sq. Mi. 27	Agriculture 642.3 ac. 1.3%	
			Developed 274.2 ac. 0.5%	
			Water 12.4 ac. 0.0%	
C045 - KY Wayne 1 States	Subregions Subregions	Containing Cave Entrance: M08 - Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres  GAP Management Status
Kentucky 77.8%	NCP 68.7%	Total Pop. 930	Natural 46,239.9 ac. 92.5%	2 1,235.7 ac. 2.5%
Tennessee 22.2%	NCP - BUFF 31.3%	Pop./Sq. Mi. 12	Agriculture 3,578.0 ac. 7.2%	Z 1,200.7 dc. 2.070
			Developed 187.7 ac. 0.4%	
			Water 4.9 ac. 0.0%	
C046 - KY Wayne 2				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 100.0%	NCP 100.0%	Total Pop. 770	Natural 47,008.3 ac. 94.0%	3 5,283.9 ac. 10.6%
		Pop./Sq. Mi. 10	Agriculture 2,809.5 ac. 5.6% Developed 192.7 ac. 0.4%	
			Developed 192.7 ac. 0.4%	<b>T</b> / 1 4
C047 - KY Wayne 3	Subregions	Census 2000	Land Use/Land Cover (4993 NLCD)	Total Area: 50,010.5 acres  GAP Management Status
States Kentucky 100.0%	NCP - BUFF 70.6%	Total Pop. 3,821	Land Use/Land Cover (1992 NLCD)  Natural 34,649.5 ac. 69.3%	3 1,781.8 ac. 3.6%
пописку 100.0%	NCP - BUFF 70.6% NCP 25.7%	Pop./Sq. Mi. 49	Agriculture 14,294.0 ac. 28.6%	5 1,701.0 dC. 3.6%
	OUT 3.7%	1 op./oq. Wii. 48	Developed 718.8 ac. 1.4%	
	0.170		Water 348.3 ac. 0.7%	
C048 - TN Blount 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NRV - BUFF 59.7%	Total Pop. 2,257	Natural 45,866.8 ac. 91.7%	2 12,748.7 ac. 25.5%
	OUT 40.3%	Pop./Sq. Mi. 29	Agriculture 3,914.0 ac. 7.8%	1 7,072.0 ac. 14.1%
			Developed 222.2 ac. 0.4%	
0040 TH DI 1 0			Water 7.4 ac. 0.0%	T-4-1 A 50 040 5
CO49 - TN Blount 2 States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres  GAP Management Status
Tennessee 100.0%	NRV - BUFF 68.3%	Total Pop. 2,869	Natural 45,740.9 ac. 91.5%	2 12,892.8 ac. 25.8%
100.070	OUT 31.3%	Pop./Sq. Mi. 37	Agriculture 4,025.1 ac. 8.0%	1 6,543.8 ac. 13.1%
	NRV 0.4%		Developed 234.6 ac. 0.5%	
			Water 9.9 ac. 0.0%	
C050 - TN Campbell 1		Containing Cave Entrance: M55 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NRV 100.0%	<u>Total Pop.</u> 9,565 Pop./Sq. Mi. 122	Natural 37,332.5 ac. 74.6% Water 5,786.8 ac. 11.6%	3 6,739.9 ac. 13.5% 4 695.0 ac. 1.4%
				4 695.0 ac. 1.4%
		1 op./oq. ivii. 122	· · · · · · · · · · · · · · · · · · ·	
		1 op./oq. mi. 122	Agriculture 5,621.2 ac. 11.2%  Developed 1,270.0 ac. 2.5%	
C051 - TN Campbell 2	Terrestrial CA (		Agriculture 5,621.2 ac. 11.2% Developed 1,270.0 ac. 2.5%	Total Area: 50,010.5 acres
C051 - TN Campbell 2 States	Terrestrial CA ( Subregions	Containing Cave Entrance: M23 - Census 2000	Agriculture 5,621.2 ac. 11.2% Developed 1,270.0 ac. 2.5%	Total Area: 50,010.5 acres GAP Management Status
		Containing Cave Entrance: M23 -	Agriculture 5,621.2 ac. 11.2% Developed 1,270.0 ac. 2.5%  Cumberland Falls Region  Land Use/Land Cover (1992 NLCD)  Natural 47,174.9 ac. 94.3%	
States	Subregions	Containing Cave Entrance: M23 - Census 2000	Agriculture 5,621.2 ac. 11.2% Developed 1,270.0 ac. 2.5%  Cumberland Falls Region  Land Use/Land Cover (1992 NLCD)  Natural 47,174.9 ac. 94.3% Agriculture 2,232.9 ac. 4.5%	GAP Management Status
States	Subregions	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673	Agriculture   5,621.2 ac.   11.2%	GAP Management Status
States Tennessee 100.0%	Subregions CM 100.0%	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21	Agriculture   5,621.2 ac.   11.2%	<b>GAP Management Status</b> 3 10,914.6 ac. 21.8%
States Tennessee 100.0%  C052 - TN Campbell 3	Subregions  CM 100.0%  Terrestrial CA 6	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -	Agriculture	GAP Management Status  3 10,914.6 ac. 21.8%  Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States	Subregions  CM 100.0%  Terrestrial CA ( Subregions	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000	Agriculture   5,621.2 ac.   11.2%	GAP Management Status 3 10,914.6 ac. 21.8%  Total Area: 50,010.5 acres GAP Management Status
States Tennessee 100.0%  C052 - TN Campbell 3	Subregions  CM 100.0%  Terrestrial CA (  Subregions  NRV 99.9%	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686	Agriculture   5,621.2 ac.   11.2%	GAP Management Status 3 10,914.6 ac. 21.8%  Total Area: 50,010.5 acres  GAP Management Status 3 5,200.0 ac. 10.4%
States Tennessee 100.0%  C052 - TN Campbell 3 States	Subregions  CM 100.0%  Terrestrial CA ( Subregions	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000	Agriculture   5,621.2 ac.   11.2%	GAP Management Status   3   10,914.6 ac.   21.8%
States Tennessee 100.0%  C052 - TN Campbell 3 States	Subregions  CM 100.0%  Terrestrial CA (  Subregions  NRV 99.9%	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686	Agriculture   5,621.2 ac.   11.2%	GAP Management Status   3   10,914.6 ac.   21.8%
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686	Agriculture	GAP Management Status   3   10,914.6 ac.   21.8%
States Tennessee 100.0%  C052 - TN Campbell 3 States	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673  Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686  Pop./Sq. Mi. 175	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1	Subregions	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000 Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States	NRV   99.9%   CM   0.1%	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000 Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 - Census 2000	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0%	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033	Agriculture	GAP Management Status 3 10,914.6 ac. 21.8%  Total Area: 50,010.5 acres  GAP Management Status 3 5,200.0 ac. 10.4% 4 2,039.4 ac. 4.1% 2 118.5 ac. 0.2%  Total Area: 50,010.5 acres  GAP Management Status 2 1,830.3 ac. 3.7% 1 855.4 ac. 1.7%
States   Tennessee   100.0%	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673  Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686  Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033  Pop./Sq. Mi. 128	Agriculture	Total Area: 50,010.5 acres
States	Terrestrial CA (	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673  Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686  Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033  Pop./Sq. Mi. 128  Census 2000  Census 2000	Agriculture	GAP Management Status 3 10,914.6 ac. 21.8%  Total Area: 50,010.5 acres  GAP Management Status 3 5,200.0 ac. 10.4% 4 2,039.4 ac. 4.1% 2 118.5 ac. 0.2%  Total Area: 50,010.5 acres  GAP Management Status 2 1,830.3 ac. 3.7% 1 855.4 ac. 1.7%
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2	Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128	Agriculture	Total Area: 50,010.5 acres
States	Terrestrial CA (	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673  Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686  Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033  Pop./Sq. Mi. 128  Census 2000  Census 2000	Agriculture	Total Area: 50,010.5 acres
States	Terrestrial CA (	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128	Agriculture	Total Area: 50,010.5 acres
Cost	Terrestrial CA   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128	Agriculture	Total Area: 50,010.5 acres
States	Terrestrial CA   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126	Agriculture	Total Area: 50,010.5 acres
C052 - TN Campbell 3	Terrestrial CA (   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States	Terrestrial CA (   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673  Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686  Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033  Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865  Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States	Terrestrial CA (   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000  Total Pop. 1,595	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  CO52 - TN Campbell 3 States Tennessee 100.0%  CO53 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  CO54 - TN Claiborne 2 States Tennessee 100.0%  CO55 - TN Claiborne 3 States Tennessee 100.0%	Terrestrial CA (   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000  Total Pop. 1,595	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States Tennessee 100.0%	Terrestrial CA (   Subregions	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000  Total Pop. 1,595 Pop./Sq. Mi. 20	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States Tennessee 100.0%  C056 - TN Cocke States	Terrestrial CA (	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000  Total Pop. 1,595 Pop./Sq. Mi. 20  Census 2000  Census 2000  Census 2000  Total Pop. 1,595 Pop./Sq. Mi. 20	Agriculture	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States Tennessee 100.0%	Terrestrial CA (  Subregions     NRV	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000 Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 - Census 2000 Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000 Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 - Census 2000 Total Pop. 1,595 Pop./Sq. Mi. 20  Census 2000 Total Pop. 1,595 Pop./Sq. Mi. 20	Agriculture   5,621.2   ac.   11.2%   Developed   1,270.0   ac.   2.5%	Total Area: 50,010.5 acres
States Tennessee 100.0%  C052 - TN Campbell 3 States Tennessee 100.0%  C053 - TN Claiborne 1 States Tennessee 93.0% Virginia 7.0%  C054 - TN Claiborne 2 States Tennessee 100.0%  C055 - TN Claiborne 3 States Tennessee 100.0%  C056 - TN Cocke States	Terrestrial CA (	Containing Cave Entrance: M23 -  Census 2000  Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 -  Census 2000  Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000  Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 -  Census 2000  Total Pop. 1,595 Pop./Sq. Mi. 20  Census 2000  Census 2000  Census 2000  Total Pop. 1,595 Pop./Sq. Mi. 20	Agriculture	Total Area: 50,010.5 acres
Cost	Terrestrial CA (  Subregions     NRV	Containing Cave Entrance: M23 - Census 2000 Total Pop. 1,673 Pop./Sq. Mi. 21  Containing Cave Entrance: M55 - Census 2000 Total Pop. 13,686 Pop./Sq. Mi. 175  Containing Cave Entrance: M55 - Census 2000 Total Pop. 10,033 Pop./Sq. Mi. 128  Census 2000 Total Pop. 9,865 Pop./Sq. Mi. 126  Containing Cave Entrance: M54 - Census 2000 Total Pop. 1,595 Pop./Sq. Mi. 20  Census 2000 Total Pop. 1,595 Pop./Sq. Mi. 20	Agriculture   5,621.2   ac.   11.2%   Developed   1,270.0   ac.   2.5%	Total Area: 50,010.5 acres

				CSRV Ecoregion
C057 - TN Cumberla	nd Terrestrial	CA Containing Cave Entrance: M12 -	Brady Mountain	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
Tennessee 100.0%	NCP 100.0%	Total Pop. 2,708	Natural 41,590.2 ac. 83.2%	
		Pop./Sq. Mi. 35	Agriculture 8,210.4 ac. 16.4%	
			Water 133.4 ac. 0.3% Developed 76.6 ac. 0.2%	
	Towns stolet	OA Oantalala a Oasa Fatara a NAO		T-4-1 A 50 040 5
CO58 - TN Cumberla States	nd Terrestrial Subregions	CA Containing Cave Entrance: M12 - Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Tennessee 100.0%	NCP 100.0%	Total Pop. 3,415	Natural 40,920.4 ac. 81.8%	3 187.5 ac. 0.4%
100.070	100.070	Pop./Sq. Mi. 44	Agriculture 8,477.5 ac. 17.0%	3 107.3 ac. 0.470
		i opeq. iii.	Developed 553.3 ac. 1.1%	
			Water 59.3 ac. 0.1%	
C059 - TN Fentress	L Terrestrial	CA Containing Cave Entrance: M01 -	Alpine Mountain	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP 100.0%	Total Pop. 1,686	Natural 46,106.3 ac. 92.2%	_
		Pop./Sq. Mi. 22	Agriculture 3,395.2 ac. 6.8%	
			Developed 484.3 ac. 1.0%	
			Water 24.7 ac. 0.0%	
C060 - TN Fentress		CA Containing Cave Entrance: M01 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP 89.7%	Total Pop. 2,616	Natural 45,104.6 ac. 90.2%	
	NCP - BUFF 10.3%	Pop./Sq. Mi. 33	Agriculture 4,061.1 ac. 8.1% Developed 797.9 ac. 1.6%	
			Developed 797.9 ac. 1.6% Water 46.9 ac. 0.1%	
CO61 THE-	<b>T</b>	CA Containing Court Entered 1400		Total Area: FO 040 F
C061 - TN Fentress : States	3 Terrestrial Subregions	CA Containing Cave Entrance: M08 - Census 2000	Big South Fork South  Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Tennessee 100.0%	NCP 98.2%	Total Pop. 2,405	Natural 47,786.8 ac. 95.6%	2 7,562.2 ac. 15.1%
1011103500 100.0%	NCP - BUFF 1.8%	Pop./Sq. Mi. 31	Agriculture 1,927.2 ac. 3.9%	Z 1,502.2 ac. 15.1%
	1107 - 2011 1.070	i op.roq. ivii.	Developed 264.4 ac. 0.5%	
			Water 32.1 ac. 0.1%	
C062 - TN Franklin 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	SCP - BUFF 70.6%	Total Pop. 3,565	Agriculture 27,347.6 ac. 54.7%	
	OUT 28.2%	Pop./Sq. Mi. 46	Natural 21,447.9 ac. 42.9%	
	SCP 1.2%		Water 696.4 ac. 1.4%	
			Developed 518.6 ac. 1.0%	
C063 - TN Franklin 2	Terrestrial	CA Containing Cave Entrance: M29 -	Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
Tennessee 99.4%	SCP 98.5%	Total Pop. 318	Natural 48,107.7 ac. 96.2%	3 288.9 ac. 0.6%
Alabama 0.6%	NCP 1.5%	Pop./Sq. Mi. 4	Agriculture 1,524.8 ac. 3.0%	
			Developed 378.1 ac. 0.8%	
C064 - TN Franklin 3		CA Containing Cave Entrance: M29 -		Total Area: 50,010.5 acres
	Subregions 94.0%	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	SCP 84.0%	Total Pop. 503	Natural 47,011.8 ac. 94.0%	GAP Management Status
	SCP 84.0% NCP 13.8%		Natural 47,011.8 ac. 94.0% Agriculture 2,820.9 ac. 5.6%	GAP Management Status
	SCP 84.0%	Total Pop. 503	Natural 47,011.8 ac. 94.0%	GAP Management Status
Tennessee 100.0%	SCP         84.0%           NCP         13.8%           SCP - BUFF         1.2%           NCP - BUFF         1.0%	Total Pop. 503 Pop./Sq. Mi. 6	Natural         47,011.8 ac.         94.0%           Agriculture         2,820.9 ac.         5.6%           Developed         172.9 ac.         0.3%           Water         4.9 ac.         0.0%	-
Tennessee 100.0%	SCP         84.0%           NCP         13.8%           SCP - BUFF         1.2%           NCP - BUFF         1.0%   Terrestrial	Total Pop. 503 Pop./Sq. Mi. 6  CA Containing Cave Entrance: M29 -	Natural         47,011.8 ac.         94.0%           Agriculture         2,820.9 ac.         5.6%           Developed         172.9 ac.         0.3%           Water         4.9 ac.         0.0%   Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
Tennessee 100.0%  C065 - TN Franklin 4 States	SCP         84.0%           NCP         13.8%           SCP - BUFF         1.2%           NCP - BUFF         1.0%	Total Pop. 503 Pop./Sq. Mi. 6	Natural         47,011.8 ac.         94.0%           Agriculture         2,820.9 ac.         5.6%           Developed         172.9 ac.         0.3%           Water         4.9 ac.         0.0%	
Tennessee 100.0%  C065 - TN Franklin 4 States	SCP         84.0%           NCP         13.8%           SCP - BUFF         1.2%           NCP - BUFF         1.0%   Terrestrial Subregions	Total Pop. 503 Pop./Sq. Mi. 6  CA Containing Cave Entrance: M29 - Census 2000	Natural         47,011.8 ac.         94.0%           Agriculture         2,820.9 ac.         5.6%           Developed         172.9 ac.         0.3%           Water         4.9 ac.         0.0%           Franklin/Marion/Jackson Mountains           Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Tennessee 100.0%  C065 - TN Franklin 4 States	SCP         84.0%           NCP         13.8%           SCP-BUFF         1.2%           NCP-BUFF         1.0%           Terrestrial           Subregions           NCP         77.1%	Total Pop. 503   Pop./Sq. Mi. 6	Natural         47,011.8 ac.         94.0%           Agriculture         2,820.9 ac.         5.6%           Developed         172.9 ac.         0.3%           Water         4.9 ac.         0.0%           Franklin/Marion/Jackson Mountains           Land Use/Land Cover (1992 NLCD)           Natural         48,588.6 ac.         97.2%	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8%
Tennessee 100.0%  C065 - TN Franklin 4  States	SCP         84.0%           NCP         13.8%           SCP-BUFF         1.2%           NCP-BUFF         1.0%    Terrestrial  Subregions  NCP 77.1% NCP-BUFF 12.6%	Total Pop. 503   Pop./Sq. Mi. 6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8%
CO65 - TN Franklin 4 States Tennessee 100.0%	SCP         84.0%           NCP         13.8%           SCP-BUFF         1.2%           NCP-BUFF         1.0%    Terrestrial  Subregions  NCP 77.1% NCP-BUFF 12.6% SCP 9.0% SCP-BUFF 1.3%	Total Pop. 503   Pop./Sq. Mi. 6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8%
CO65 - TN Franklin 4 States Tennessee 100.0%	SCP         84.0%           NCP         13.8%           SCP-BUFF         1.2%           NCP-BUFF         1.0%    Terrestrial  Subregions  NCP 77.1% NCP-BUFF 12.6% SCP 9.0% SCP-BUFF 1.3%	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States	SCP   84.0%     NCP   13.8%     SCP - BUFF   1.2%     NCP - BUFF   1.0%     Terrestrial     Subregions     NCP   77.1%     NCP - BUFF   12.6%     SCP   9.0%     SCP - BUFF   1.3%     Terrestrial     Subregions     NCP - BUFF   74.4%     NCP   21.3%     SCP - BUFF   2.4%     OUT   1.9%     Subregions	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres  GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States	SCP   84.0%     NCP   13.8%     SCP - BUFF   1.2%     NCP - BUFF   1.0%     Terrestrial     Subregions     NCP   77.1%     NCP - BUFF   12.6%     SCP   9.0%     SCP - BUFF   1.3%     Terrestrial     Subregions     NCP - BUFF   74.4%     NCP   21.3%     SCP - BUFF   2.4%     OUT   1.9%     Subregions	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres  GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States	SCP   84.0%     NCP   13.8%     SCP - BUFF   1.2%     NCP - BUFF   1.0%     Terrestrial     Subregions     NCP   77.1%     NCP - BUFF   12.6%     SCP   9.0%     SCP - BUFF   1.3%     Terrestrial     Subregions     NCP - BUFF   74.4%     NCP   21.3%     SCP - BUFF   2.4%     OUT   1.9%     Subregions	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Grainger CO69 - TN Grainger CO69 - TN Grainger	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Grainger States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Greene 1 States Tennessee 100.0%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Greene 1 States Tennessee 100.0%  CO69 - TN Greene 2  CO70 - TN Greene 2	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
C065 - TN Franklin 4 States Tennessee 100.0%  C066 - TN Franklin 5 States Tennessee 100.0%  C067 - TN Grainger States Tennessee 100.0%  C068 - TN Grainger States Tennessee 100.0%  C069 - TN Greene 1 States Tennessee 100.0%  C070 - TN Greene 2 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Greene 1 States Tennessee 100.0%  CO69 - TN Greene 2 States Tennessee 98.8%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres GAP Management Status 3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status 3 332.9 ac. 0.7% 4 70.9 ac. 0.1%  Total Area: 50,010.5 acres GAP Management Status 3 332.9 ac. 0.7% 4 63.5 ac. 0.1%  Total Area: 50,010.5 acres GAP Management Status 3 34.5 ac. 0.0%  Total Area: 50,010.5 acres GAP Management Status 3 12,825.2 ac. 25.6%
Tennessee 100.0%  C065 - TN Franklin 4 States Tennessee 100.0%  C066 - TN Franklin 5 States Tennessee 100.0%  C067 - TN Grainger States Tennessee 100.0%  C068 - TN Grainger States Tennessee 100.0%  C069 - TN Greene 1 States Tennessee 100.0%  C070 - TN Greene 2 States	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres  GAP Management Status  3
Tennessee 100.0%  CO65 - TN Franklin 4 States Tennessee 100.0%  CO66 - TN Franklin 5 States Tennessee 100.0%  CO67 - TN Grainger States Tennessee 100.0%  CO68 - TN Grainger States Tennessee 100.0%  CO69 - TN Greene 1 States Tennessee 100.0%  CO70 - TN Greene 2 States Tennessee 98.8%	SCP	Total Pop.   503   Pop./Sq. Mi.   6	Natural	Total Area: 50,010.5 acres GAP Management Status 3 6,398.6 ac. 12.8% 2 251.8 ac. 0.5%  Total Area: 50,010.5 acres GAP Management Status  Total Area: 50,010.5 acres GAP Management Status 3 332.9 ac. 0.7% 4 70.9 ac. 0.1%  Total Area: 50,010.5 acres GAP Management Status 3 332.9 ac. 0.7% 4 63.5 ac. 0.1%  Total Area: 50,010.5 acres GAP Management Status 3 34.5 ac. 0.0%  Total Area: 50,010.5 acres GAP Management Status 3 12,825.2 ac. 25.6%

				CSRV Ecoregion
C071 - TN Grundy 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP - BUFF 58.3%	Total Pop. 1,318	Natural 41,887.0 ac. 83.8%	
	NCP 41.7%	Pop./Sq. Mi. 17	Agriculture 7,599.9 ac. 15.2% Developed 410.0 ac. 0.8%	
			Water 113.6 ac. 0.2%	
072 - TN Grundy 2				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP - BUFF 72.4%	Total Pop. 6,000	Natural 34,111.5 ac. 68.2%	3 135.9 ac. 0.3%
	NCP 27.5%	Pop./Sq. Mi. 77	Agriculture 14,444.6 ac. 28.9%	
	OUT 0.1%		Developed 1,323.5 ac. 2.6%	
			Water 130.9 ac. 0.3%	
CO73 - TN Hamilton		Containing Cave Entrance: M41 -		Total Area: 50,010.5 acres
States Tennessee 79.6%	Subregions SRV 59.9%	Census 2000 Total Pop. 76,935	Land Use/Land Cover (1992 NLCD)  Natural 29,992.0 ac. 60.0%	GAP Management Status 2 1,863.1 ac. 3.7%
Georgia 20.4%	SCP 22.4%	Pop./Sq. Mi. 985	Developed 13,902.5 ac. 27.8%	2 1,863.1 ac. 3.7% 1 829.4 ac. 1.7%
ocorgia zo.+/0	NCP 14.4%	1 op./eq. ivii. 000	Agriculture 3,884.6 ac. 7.8%	4 129.1 ac. 0.3%
	NRV 3.4%		Water 2,231.4 ac. 4.5%	
C074 - TN Hancock	Terrestrial CA	Containing Cave Entrance: M19 -	Clinch River & Bluffs	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 62.5%	NRV 100.0%	Total Pop. 1,344	Natural 46,735.4 ac. 93.5%	
Virginia 37.5%		Pop./Sq. Mi. 17	Agriculture 3,104.7 ac. 6.2%	
			Water 126.0 ac. 0.3%	
			Developed 44.5 ac. 0.1%	
C075 - TN Hawkins		Containing Cave Entrance: M19 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 84.3%	NRV 100.0%	<u>Total Pop.</u> 1,481 Pop./Sq. Mi. 19	Natural 45,691.4 ac. 91.4% Agriculture 4,072.0 ac. 8.1%	
Virginia 15.7%		F 0p./34. WII. 19	Agriculture 4,072.0 ac. 8.1% Water 177.9 ac. 0.4%	
			Developed 69.2 ac. 0.1%	
C076 - TN Knox 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NRV 100.0%	Total Pop. 97,787	Natural 26,089.5 ac. 52.2%	3 370.7 ac. 0.7%
		Pop./Sq. Mi. 1,251	Developed 15,160.2 ac. 30.3%	
			Agriculture 7,395.9 ac. 14.8%	
			Water 1,364.9 ac. 2.7%	
C077 - TN Knox 2				Total Area: 50,010.5 acres
States	Subregions 100 0%	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status 4 754.2 ac. 1.5%
Tennessee 100.0%	NRV 100.0%	Total Pop. 86,343 Pop./Sq. Mi. 1,105	Natural 23,939.0 ac. 47.9% Developed 10,709.3 ac. 21.4%	4 754.2 ac. 1.5%
		F 0p./3q. Wil. 1,103	Agriculture 10,207.7 ac. 20.4%	
			Water 5,154.5 ac. 10.3%	
C078 - TN Marion 1				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP 92.7%	Total Pop. 9,104	Natural 38,461.8 ac. 76.9%	4 1,101.9 ac. 2.2%
	SCP 7.3%	Pop./Sq. Mi. 117	Agriculture 8,949.6 ac. 17.9%	
			Developed 1,847.3 ac. 3.7% Water 751.8 ac. 1.5%	
C079 - TN Marion 2	Torrestrial CA	Containing Cave Entrance: M28 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	NCP 100.0%	Total Pop. 863	Natural 47,143.5 ac. 94.3%	2 329.1 ac. 0.7%
		Pop./Sq. Mi. 11	Agriculture 1,955.8 ac. 3.9%	3 204.3 ac. 0.4%
			Developed 854.4 ac. 1.7%	
			Water 56.8 ac. 0.1%	
CO80 - TN Marion 3		Containing Cave Entrance: M46 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 54.2%	SCP 99.9%	Total Pop. 5,587	Natural 34,589.0 ac. 69.2%	3 1,654.9 ac. 3.3%
Alabama 27.1%	NCP 0.1%	Pop./Sq. Mi. 71	Agriculture 10,032.3 ac. 20.1%	4 160.7 ac. 0.3%
Georgia 18.7%			Water 4,643.0 ac. 9.3% Developed 746.2 ac. 1.5%	
C081 - TN Marion 4	Torrostrial CA	Containing Cavo Entranco: M20	Franklin/Marion/Jackson Mountains	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 72.3%	SCP 64.9%	Total Pop. 8,205	Natural 37,904.3 ac. 75.8%	3 79.4 ac. 0.2%
Alabama 27.7%	NCP 35.1%	Pop./Sq. Mi. 105	Agriculture 9,038.9 ac. 18.1%	[5 1011 001 01010]
			Developed 1,718.9 ac. 3.4%	
			Water 1,348.4 ac. 2.7%	
			Tennessee River Corridor	Total Area: 50,010.5 acres
C082 - TN Meigs 1	Terrestrial CA	Containing Cave Entrance: M69 -		
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
States	Subregions NRV 96.2%	Census 2000 Total Pop. 6,500	Natural 35,117.8 ac. 70.2%	GAP Management Status 3 4,190.7 ac. 8.4%
States	Subregions	Census 2000	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%	
States	Subregions NRV 96.2%	Census 2000 Total Pop. 6,500	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%           Water         6,439.4 ac.         12.9%	
States Tennessee 100.0%	NRV         96.2%           NCP         3.8%	Total Pop.         6,500           Pop./Sq. Mi.         83	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%           Water         6,439.4 ac.         12.9%           Developed         1,116.9 ac.         2.2%	3 4,190.7 ac. 8.4%
States Tennessee 100.0%  CO83 - TN Meigs 2	NRV         96.2%           NCP         3.8%	Census 2000 Total Pop. 6,500	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%           Water         6,439.4 ac.         12.9%           Developed         1,116.9 ac.         2.2%	
States Tennessee 100.0%  C083 - TN Meigs 2 States	Subregions           NRV         96.2%           NCP         3.8%   Terrestrial CA	Census 2000 Total Pop. 6,500 Pop./Sq. Mi. 83  Containing Cave Entrance: M69 -	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%           Water         6,439.4 ac.         12.9%           Developed         1,116.9 ac.         2.2%           Tennessee River Corridor	3 4,190.7 ac. 8.4%  Total Area: 50,010.5 acres
States Tennessee 100.0%  C083 - TN Meigs 2 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions	Total Pop.   6,500     Pop./Sq. Mi.   83     Containing Cave Entrance: M69 - Census 2000	Natural         35,117.8 ac.         70.2%           Agriculture         7,336.4 ac.         14.7%           Water         6,439.4 ac.         12.9%           Developed         1,116.9 ac.         2.2%           Tennessee River Corridor           Land Use/Land Cover (1992 NLCD)	3 4,190.7 ac. 8.4%  Total Area: 50,010.5 acres  GAP Management Status
States Tennessee 100.0%  CO83 - TN Meigs 2 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions	Total Pop. 6,500	Natural   35,117.8 ac.   70.2%	3 4,190.7 ac. 8.4%  Total Area: 50,010.5 acres  GAP Management Status 3 1,704.4 ac. 3.4%
States Tennessee 100.0%  CO83 - TN Meigs 2 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions	Total Pop. 6,500	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status 3 1,704.4 ac. 3.4%
CO83 - TN Meigs 2 States Tennessee 100.0%  CO84 - TN Meigs 3	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions     NRV   100.0%     Terrestrial CA	Total Pop.   6,500   Pop./Sq. Mi.   83	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status  3 1,704.4 ac. 3.4% 4 216.8 ac. 0.4%  Total Area: 50,010.5 acres
States Tennessee 100.0%  C083 - TN Meigs 2 States Tennessee 100.0%  C084 - TN Meigs 3 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions     NRV   100.0%     Terrestrial CA     Subregions	Total Pop.   6,500   Pop./Sq. Mi.   83	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status  3 1,704.4 ac. 3.4% 4 216.8 ac. 0.4%  Total Area: 50,010.5 acres  GAP Management Status
States Tennessee 100.0%  C083 - TN Meigs 2 States Tennessee 100.0%  C084 - TN Meigs 3 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions     NRV   100.0%     Terrestrial CA	Total Pop.   6,500   Pop./Sq. Mi.   83	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status  3 1,704.4 ac. 3.4% 4 216.8 ac. 0.4%  Total Area: 50,010.5 acres
States Tennessee 100.0%  C083 - TN Meigs 2 States Tennessee 100.0%  C084 - TN Meigs 3 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions     NRV   100.0%     Terrestrial CA     Subregions	Total Pop.   6,500   Pop./Sq. Mi.   83	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status  3 1,704.4 ac. 3.4% 4 216.8 ac. 0.4%  Total Area: 50,010.5 acres  GAP Management Status
C083 - TN Meigs 2 States Tennessee 100.0%  C084 - TN Meigs 3 States	NRV   96.2%     NCP   3.8%     Terrestrial CA     Subregions     NRV   100.0%     Terrestrial CA     Subregions	Total Pop.   6,500   Pop./Sq. Mi.   83	Natural   35,117.8 ac.   70.2%	Total Area: 50,010.5 acres  GAP Management Status  3 1,704.4 ac. 3.4% 4 216.8 ac. 0.4%  Total Area: 50,010.5 acres  GAP Management Status

					CSRV Ecoregion
C085 - TN	Overton				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
Tennessee	100.0%	NCP - BUFF 72.8%	Total Pop. 5,798	Natural 29,488.1 ac. 59.0%	
		OUT 27.1%	Pop./Sq. Mi. 74	Agriculture 19,756.7 ac. 39.5%	
		NCP 0.2%		Developed 706.4 ac. 1.4% Water 59.3 ac. 0.1%	
C086 - TN	Distratt			Water 59.5 ac. 0.176	Total Area: 50,010.5 acres
States	Pickett	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NCP - BUFF 77.5%	Total Pop. 3,001	Natural 36,500.2 ac. 73.0%	CAI Munugement Status
	100.070	OUT 21.3%	Pop./Sq. Mi. 38	Agriculture 11,136.8 ac. 22.3%	
		NCP 1.2%		Water 1,822.8 ac. 3.6%	
				Developed 550.8 ac. 1.1%	
C087 - TN	Putnam				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee 100.0%	100.0%	NCP 60.9%	Total Pop. 1,154	Natural 45,770.3 ac. 91.5%	
		NCP - BUFF 39.1%	Pop./Sq. Mi. 15	Agriculture 4,092.0 ac. 8.2% Developed 128.5 ac. 0.3%	
				Developed 128.5 ac. 0.3% Water 19.8 ac. 0.0%	
C088 - TN	Phea	Terrestrial CA Cor	ntaining Cave Entrance: M69 - Te		Total Area: 50,010.5 acres
States	Kiica	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NRV 85.7%	Total Pop. 7,791	Natural 31,099.1 ac. 62.2%	3 3,206.7 ac. 6.4%
		NCP 14.3%	Pop./Sq. Mi. 100	Agriculture 15,349.5 ac. 30.7%	
				Water 2,808.6 ac. 5.6%	
				Developed 753.4 ac. 1.5%	
C089 - TN	Roane				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NRV 100.0%	Total Pop. 3,971	Natural 33,581.6 ac. 67.1%	2 1,076.9 ac. 2.2%
			Pop./Sq. Mi. 51	Agriculture 12,261.8 ac. 24.5% Water 3,665.7 ac. 7.3%	
				Vater 3,665.7 ac. 7.3%  Developed 501.4 ac. 1.0%	
C090 - TN	Sequatchie			2010/0950 00 1.7 do. 1.070	Total Area: 50,010.5 acres
States	Sequateme	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NCP 100.0%	Total Pop. 5,896	Natural 39,962.5 ac. 79.9%	CAI management status
			Pop./Sq. Mi. 75	Agriculture 9,220.6 ac. 18.4%	
			· · · · · · · · · · · · · · · · · · ·	Developed 679.3 ac. 1.4%	
				Water 148.2 ac. 0.3%	
C091 - TN	Sullivan 1				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NRV 100.0%	Total Pop. 20,564	Natural 27,746.6 ac. 55.5%	4 377.0 ac. 0.8%
			Pop./Sq. Mi. 263	Agriculture 17,280.4 ac. 34.6% Developed 3,935.9 ac. 7.9%	
				Water 1,047.6 ac. 2.1%	
C092 - TN :	Sullivan 2			<u> </u>	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NRV 77.7%	Total Pop. 14,612	Natural 36,300.3 ac. 72.6%	3 6,912.8 ac. 13.8%
		NRV - BUFF 22.3%	Pop./Sq. Mi. 187	Agriculture 10,913.3 ac. 21.8%	
				Developed 2,495.5 ac. 5.0%	
				Water 301.4 ac. 0.6%	
C093 - TN	Union		ntaining Cave Entrance: M55 - Po		Total Area: 50,010.5 acres
States Tennessee	100.0%	Subregions NRV 99.0%	Census 2000 Total Pop. 3,744	Land Use/Land Cover (1992 NLCD)  Natural 38,046.6 ac. 76.1%	GAP Management Status 3 13,994.2 ac. 28.0%
rennessee	100.0%	CM 1.0%	Pop./Sq. Mi. 48	Agriculture 7,814.5 ac. 15.6%	3 13,994.2 ac. 26.0%
		1.076	: op.:eq:	Water 3,684.8 ac. 7.4%	
				Developed 464.6 ac. 0.9%	
C094 - TN	Warren	Terrestrial CA Cor	ntaining Cave Entrance: M44 - Mi	d-Cumberland Gorges	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
Tennessee	100.0%	NCP 60.4%	Total Pop. 1,101	Natural 43,200.3 ac. 86.4%	
		NCP - BUFF 39.6%	Pop./Sq. Mi. 14	Agriculture 6,548.3 ac. 13.1%	
				Developed 239.6 ac. 0.5% Water 22.2 ac. 0.0%	
COOF THE	14/L:L- 4			vvater 22.2 ac. 0.076	Total Avec: FO 010 F cores
CO95 - TN ' States	Wnite 1	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Tennessee	100.0%	NCP - BUFF 75.6%	Total Pop. 6,057	Natural 34,931.0 ac. 69.8%	GAF Management Status
Termicoocc	100.070	OUT 13.1%	Pop./Sq. Mi. 78	Agriculture 14,323.0 ac. 28.6%	
		NCP 11.3%		Developed 642.8 ac. 1.3%	
				Water 113.7 ac. 0.2%	
C096 - TN	White 2	Terrestrial CA Cor	ntaining Cave Entrance: M44 - Mi	d-Cumberland Gorges	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Tennessee	100.0%	NCP - BUFF 78.1%	Total Pop. 1,028	Natural 43,261.9 ac. 86.5%	
		NCP 20.2%	Pop./Sq. Mi. 13	Agriculture 6,098.7 ac. 12.2%	
		OUT 1.7%		Developed 499.2 ac. 1.0% Water 150.7 ac. 0.3%	
COO7 TN 1	MILIA 2	Townsetwial CA Con	etaining Cava Entrance: M44 Mi		Total Avec: FO 010 F cover
C097 - TN States	wille 3	Subregions Terrestrial CA Cor	ntaining Cave Entrance: M44 - Mi Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres  GAP Management Status
	100.0%	NCP 82.0%	Total Pop. 665	Natural 46,501.1 ac. 93.0%	3 2,358.1 ac. 4.7%
Lennessee		NCP - BUFF 18.0%	Pop./Sq. Mi. 9	Agriculture 2,207.9 ac. 4.4%	
Tennessee				Developed 1,141.0 ac. 2.3%	
Tennessee					
Tennessee				Water 160.5 ac. 0.3%	
C098 - VA	Lee 01				Total Area: 50,010.5 acres
<b>C098 - VA</b>   States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
C098 - VA   States Virginia	Lee 01	NRV 75.3%	Total Pop. 5,035	Land Use/Land Cover (1992 NLCD)  Natural 44,892.2 ac. 89.8%	
<b>C098 - VA</b>   States				Land Use/Land Cover (1992 NLCD)           Natural         44,892.2 ac. 89.8%           Agriculture         4,733.2 ac. 9.5%	GAP Management Status
<b>C098 - VA</b>   States		NRV 75.3%	Total Pop. 5,035	Land Use/Land Cover (1992 NLCD)           Natural         44,892.2 ac.         89.8%           Agriculture         4,733.2 ac.         9.5%           Developed         360.5 ac.         0.7%	GAP Management Status
<b>C098 - VA</b>   States		NRV 75.3%	Total Pop. 5,035	Land Use/Land Cover (1992 NLCD)           Natural         44,892.2 ac. 89.8%           Agriculture         4,733.2 ac. 9.5%	GAP Management Status

				CSRV Ecoregion
C099 - VA Lee 02				Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia 96.3%	NRV 72.3%	Total Pop. 8,539	Natural 38,332.3 ac. 76.6%	3 2.0 ac. 0.0%
Kentucky 3.7%	CM 27.7%	Pop./Sq. Mi. 109	Agriculture 10,435.8 ac. 20.9%	
			Developed 1,212.8 ac. 2.4%	
	a		Water 29.6 ac. 0.1%	T / 14 50 0/0 5
C100 - VA Lee 03		Containing Cave Entrance: M09 - Census 2000		Total Area: 50,010.5 acres
States Virginia 98.7%	Subregions CM 50.6%	Total Pop. 3,832	Land Use/Land Cover (1992 NLCD)  Natural 46,123.8 ac. 92.2%	GAP Management Status 3 7,820.5 ac. 15.6%
Kentucky 1.3%	NRV 49.4%	Pop./Sq. Mi. 49	Agriculture 3,031.8 ac. 6.1%	3 1,020.5 ac. 15.0%
rioritating 11070	10.175	10 mg	Developed 743.7 ac. 1.5%	
			Water 111.2 ac. 0.2%	
C101 - VA Lee 04	Terrestrial CA	Containing Cave Entrance: M70 -	The Cedars	Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia 99.1%	NRV 93.3%	Total Pop. 4,362	Natural 36,362.3 ac. 72.7%	3 122.6 ac. 0.2%
Kentucky 0.9%	CM 6.7%	Pop./Sq. Mi. 56	Agriculture 13,238.2 ac. 26.5%	
			Developed 382.9 ac. 0.8%	
			Water 27.2 ac. 0.1%	
C102 - VA Lee 05		Containing Cave Entrance: M31 -	•	Total Area: 50,010.5 acres
States 400.00/	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia 100.0%	NRV 63.9% CM 36.1%	Total Pop. 3,813 Pop./Sq. Mi. 49	Natural 46,261.1 ac. 92.5% Agriculture 3,349.0 ac. 6.7%	3 15,195.5 ac. 30.4%
	CIVI 30.176	F 0p./3q. Wii. 49	Developed 385.6 ac. 0.8%	
			Water 14.8 ac. 0.0%	
C103 - VA Lee 06	Terrestrial CA	Containing Cave Entrance: M70 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia 95.1%	NRV 85.1%	Total Pop. 2,708	Natural 33,778.6 ac. 67.5%	
Kentucky 4.4%	CM 14.9%	Pop./Sq. Mi. 35	Agriculture 16,078.7 ac. 32.2%	
Tennessee 0.5%			Developed 101.3 ac. 0.2%	
			Water 51.9 ac. 0.1%	
C104 - VA Lee 07		Containing Cave Entrance: M22 -		Total Area: 50,010.5 acres
States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 49.5%	CM 67.4%	Total Pop. 15,315	Natural 40,122.0 ac. 80.2%	1 9,739.0 ac. 19.5%
Tennessee 33.9%	NRV 32.6%	Pop./Sq. Mi. 196	Agriculture 7,517.6 ac. 15.0% Developed 2,200.5 ac. 4.4%	2 1,870.4 ac. 3.7%
Virginia 16.6%			Water 170.4 ac. 0.3%	
C10F VA L 00	Townsofwial CA	Containing Cave Entrance: M22 -		Total Area: 50,010.5 acres
C105 - VA Lee 08 States	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Kentucky 46.7%	CM 66.6%	Total Pop. 17,884	Natural 40,250.1 ac. 80.5%	1 8,953.2 ac. 17.9%
Tennessee 41.0%	NRV 33.4%	Pop./Sq. Mi. 229	Agriculture 7,042.3 ac. 14.1%	2 1,870.4 ac. 3.7%
Virginia 12.3%			Developed 2,513.0 ac. 5.0%	
			Water 205.1 ac. 0.4%	
C106 - VA Lee 09	Terrestrial CA	Containing Cave Entrance: M22 -	Cumberland & Stone Mountains	Total Area: 50,010.5 acres
States			Land Haall and Caver (4002 NLCD)	GAP Management Status
	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	
Kentucky 50.0%	CM 67.9%	Total Pop. 15,296	Natural 40,161.5 ac. 80.3%	1 9,757.7 ac. 19.5%
Kentucky 50.0% Tennessee 33.5%			Natural 40,161.5 ac. 80.3% Agriculture 7,473.2 ac. 14.9%	
Kentucky 50.0%	CM 67.9%	Total Pop. 15,296	Natural         40,161.5 ac.         80.3%           Agriculture         7,473.2 ac.         14.9%           Developed         2,205.4 ac.         4.4%	1 9,757.7 ac. 19.5%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%	CM 67.9% NRV 32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196	Natural         40,161.5 ac.         80.3%           Agriculture         7,473.2 ac.         14.9%           Developed         2,205.4 ac.         4.4%           Water         170.4 ac.         0.3%	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%             C107 - VA Lee 07	CM 67.9% NRV 32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 -	Natural         40,161.5 ac.         80.3%           Agriculture         7,473.2 ac.         14.9%           Developed         2,205.4 ac.         4.4%           Water         170.4 ac.         0.3%           Cumberland & Stone Mountains	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres
Kentucky	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status 1 9,987.3 ac. 20.0%
Kentucky	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000	Natural   40,161.5   ac.   80.3%     Agriculture   7,473.2   ac.   14.9%     Developed   2,205.4   ac.   4.4%     Water   170.4   ac.   0.3%     Cumberland & Stone Mountains   Land Use/Land Cover (1992 NLCD)     Natural   40,073.2   ac.   80.1%     Agriculture   7,656.3   ac.   15.3%	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status 1 9,987.3 ac. 20.0%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333	Natural   40,161.5   ac.   80.3%	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status 1 9,987.3 ac. 20.0%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333 Pop./Sq. Mi. 183  Census 2000  Census 2000	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333 Pop./Sq. Mi. 183  Census 2000  Total Pop. 2,292	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7% Total Area: 50,010.5 acres
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333 Pop./Sq. Mi. 183  Census 2000  Census 2000	Natural	1       9,757.7 ac.       19.5%         2       1,870.4 ac.       3.7%    Total Area: 50,010.5 acres          GAP Management Status         1       9,987.3 ac.       20.0%         2       1,870.4 ac.       3.7%    Total Area: 50,010.5 acres
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000  Total Pop. 14,333 Pop./Sq. Mi. 183  Census 2000  Total Pop. 2,292	Natural	1       9,757.7 ac.       19.5%         2       1,870.4 ac.       3.7%    Total Area: 50,010.5 acres          GAP Management Status         1       9,987.3 ac.       20.0%         2       1,870.4 ac.       3.7%    Total Area: 50,010.5 acres
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%	CM   67.9%   NRV   32.1%	Total Pop. 15,296 Pop./Sq. Mi. 196  Containing Cave Entrance: M22 - Census 2000 Total Pop. 14,333 Pop./Sq. Mi. 183  Census 2000 Total Pop. 2,292 Pop./Sq. Mi. 29	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States         Kentucky           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status 1 9,987.3 ac. 20.0% 2 1,870.4 ac. 3.7%  Total Area: 50,010.5 acres  GAP Management Status
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%           Tennessee         23.4%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky   50.0%     Tennessee   33.5%     Virginia   16.5%     C107 - VA Lee 07     States     Kentucky   49.2%     Tennessee   32.5%     Virginia   18.2%     C108 - VA Lee 11     States     Virginia   74.7%     Tennessee   25.3%     C109 - VA Lee 12     States     Virginia   76.6%     Tennessee   23.4%     C110 - VA Lee 13     States     Virginia   75.8%     C110 - VA Lee 13     States     Virginia   75.8%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%           Tennessee         23.4%           C110 - VA Lee 13           States           Virginia         75.8%	CM   67.9%   NRV   32.1%	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky   50.0%     Tennessee   33.5%     Virginia   16.5%     C107 - VA Lee 07     States     Kentucky   49.2%     Tennessee   32.5%     Virginia   18.2%     C108 - VA Lee 11     States     Virginia   74.7%     Tennessee   25.3%     C109 - VA Lee 12     States     Virginia   76.6%     Tennessee   23.4%     C110 - VA Lee 13     States     Virginia   75.8%     Virginia   75.8%     Tennessee   24.2%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky   50.0%     Tennessee   33.5%     Virginia   16.5%     C107 - VA Lee 07     States     Kentucky   49.2%     Tennessee   32.5%     Virginia   18.2%     C108 - VA Lee 11     States     Virginia   74.7%     Tennessee   25.3%     C109 - VA Lee 12     States     Virginia   76.6%     Tennessee   23.4%     C110 - VA Lee 13     States     Virginia   75.8%     Tennessee   24.2%     C111 - VA Lee 14	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky   50.0%     Tennessee   33.5%     Virginia   16.5%     C107 - VA Lee 07     States     Kentucky   49.2%     Tennessee   32.5%     Virginia   18.2%     C108 - VA Lee 11     States     Virginia   74.7%     Tennessee   25.3%     C109 - VA Lee 12     States     Virginia   76.6%     Tennessee   23.4%     C110 - VA Lee 13     States     Virginia   75.8%     Tennessee   24.2%     C111 - VA Lee 14     States     Virginia   75.4%     C111 - VA Lee 14     States     Virginia   75.4%     C111 - VA Lee 14     States     Virginia   75.4%     Virginia   75.4%     C111 - VA Lee 14     States     Virginia   75.4%     Virginia   75.4%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States         Kentucky           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%           Tennessee         23.4%           C110 - VA Lee 13           States           Virginia         75.8%           Tennessee         24.2%           C111 - VA Lee 14           States           Virginia         75.4%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States         Kentucky           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States         Virginia         76.6%           Tennessee         23.4%           C110 - VA Lee 13           States         Virginia         75.8%           Tennessee         24.2%           C111 - VA Lee 14           States         Virginia         75.4%           Virginia         75.4%           Tennessee         24.6%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States         Kentucky           Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%           Tennessee         23.4%           C110 - VA Lee 13           States           Virginia         75.8%           Tennessee         24.2%           C111 - VA Lee 14           States           Virginia         75.4%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky   50.0%     Tennessee   33.5%     Virginia   16.5%     C107 - VA Lee 07     States     Kentucky   49.2%     Tennessee   32.5%     Virginia   18.2%     C108 - VA Lee 11     States     Virginia   74.7%     Tennessee   25.3%     C109 - VA Lee 12     States     Virginia   76.6%     Tennessee   23.4%     C110 - VA Lee 13     States     Virginia   75.8%     Tennessee   24.2%     C111 - VA Lee 14     States     Virginia   75.4%     Tennessee   24.6%     C112 - VA Lee 15     States     Virginia   70.7%     C112 - VA Lee 15     States     Virginia   70.7%     Virginia   70.7%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%
Kentucky         50.0%           Tennessee         33.5%           Virginia         16.5%           C107 - VA Lee 07           States         Kentucky         49.2%           Tennessee         32.5%           Virginia         18.2%           C108 - VA Lee 11           States           Virginia         74.7%           Tennessee         25.3%           C109 - VA Lee 12           States           Virginia         76.6%           Tennessee         23.4%           C110 - VA Lee 13           States           Virginia         75.8%           Tennessee         24.2%           C111 - VA Lee 14           States           Virginia         75.4%           Tennessee         24.6%	Terrestrial CA	Total Pop.   15,296   Pop./Sq. Mi.   196	Natural	1 9,757.7 ac. 19.5%   2 1,870.4 ac. 3.7%

CSRV Ecoregion				
Total Area: 50,010.5 acres				C113 - VA Lee 16
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
3 213.8 ac. 0.4%	Natural 41,298.2 ac. 82.6%	Total Pop. 8,595	NRV 63.5%	Virginia 100.0%
	Agriculture 7,274.3 ac. 14.5% Developed 1,396.0 ac. 2.8%	Pop./Sq. Mi. 110	CM 36.5%	
	Water 42.0 ac. 0.1%			
Total Area: 50,010.5 acres	Cedars	Containing Cave Entrance: M70 - 1	Terrestrial CA	C114 - VA Lee 17
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
	Natural 31,571.8 ac. 63.1%	Total Pop. 2,625	NRV 95.9%	Virginia 85.2%
	Agriculture 18,320.1 ac. 36.6%	Pop./Sq. Mi. 34	CM 4.1%	Tennessee 14.8%
	Developed 79.0 ac. 0.2% Water 39.5 ac. 0.1%			
Total Area: 50,010.5 acres	Water 39.5 ac. 0.176			C115 - VA Lee 18
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
1 3,455.4 ac. 6.9%	Natural 32,917.8 ac. 65.8%	Total Pop. 3,088	NRV 82.1%	Virginia 57.6%
	Agriculture 16,959.3 ac. 33.9%	Pop./Sq. Mi. 40	CM 17.9%	Tennessee 34.1%
	<u>Developed</u> 79.1 ac. 0.2%			Kentucky 8.2%
	Water 54.4 ac. 0.1%			
Total Area: 50,010.5 acres GAP Management Status	Land Use/Land Cover (1992 NLCD)	Containing Cave Entrance: M70 - 7 Census 2000	Subregions	C116 - VA Lee 19 States
3 6.6 ac. 0.0%	Natural 35,219.3 ac. 70.4%	Total Pop. 2,476	NRV 79.9%	Virginia 91.8%
0.0 00.	Agriculture 14,393.5 ac. 28.8%	Pop./Sq. Mi. 32	CM 20.1%	Kentucky 8.2%
	Water 286.5 ac. 0.6%			
	Developed 111.2 ac. 0.2%			
Total Area: 50,010.5 acres				C117 - VA Lee 20
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
	Natural 40,489.3 ac. 81.0% Agriculture 8,540.2 ac. 17.1%	Total Pop. 6,820 Pop./Sq. Mi. 87	NRV 99.4% CM 0.6%	Virginia 100.0%
	Developed 939.0 ac. 1.9%	1 op./oq. ivii. 01	OW 0.070	
	Water 42.0 ac. 0.1%			
Total Area: 50,010.5 acres				C118 - VA Lee 21
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
3 5,729.8 ac. 11.5%	Natural 44,025.7 ac. 88.0%	Total Pop. 5,767	NRV 79.1%	Virginia 100.0%
	Agriculture 5,315.5 ac. 10.6% Developed 622.4 ac. 1.2%	Pop./Sq. Mi. 74	CM 20.9%	
	Water 46.9 ac. 0.1%			
Total Area: 50,010.5 acres		Containing Cave Entrance: M70 - 1	Terrestrial CA	C119 - VA Lee 22
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
-	Natural 32,927.1 ac. 65.8%	Total Pop. 2,374	NRV 97.0%	Virginia 88.6%
	Agriculture 16,955.0 ac. 33.9%	Pop./Sq. Mi. 30	CM 3.0%	Tennessee 11.4%
	Developed 79.0 ac. 0.2% Water 49.4 ac. 0.1%			
Total Area: 50,010.5 acres	vvatei 49.4 ac. 0.176			C120 - VA Lee 23
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	C120 - VA Lee 23 States
1 90.9 ac. 0.2%	Natural 30,256.8 ac. 60.5%	Total Pop. 3,260	NRV 83.2%	Virginia 73.9%
	Agriculture 19,575.9 ac. 39.1%	Pop./Sq. Mi. 42	CM 16.8%	Tennessee 18.4%
	Developed 116.1 ac. 0.2%			Kentucky 7.7%
	Water 61.8 ac. 0.1%			
Total Area: 50,010.5 acres		Containing Cave Entrance: M70 - 1		C121 - VA Lee 24
GAP Management Status 3 989.3 ac. 2.0%	Land Use/Land Cover (1992 NLCD)  Natural 35,501.3 ac. 71.0%	Census 2000 Total Pop. 3,912	Subregions NRV 83.3%	States Virginia 93.9%
3 303.3 ac. 2.070	Agriculture 14,106.7 ac. 28.2%	Pop./Sq. Mi. 50	CM 16.7%	Kentucky 6.1%
	Developed 274.1 ac. 0.5%			
	Water 128.4 ac. 0.3%			
Total Area: 50,010.5 acres		Containing Cave Entrance: M70 - 1		C122 - VA Lee 25
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
	Natural 37,913.7 ac. 75.8% Agriculture 11,968.3 ac. 23.9%	Total Pop. 2,060 Pop./Sq. Mi. 26	NRV 100.0%	Virginia 70.2% Tennessee 29.8%
	Developed 79.1 ac. 0.2%	. op.:.eq: 20		20.070
	Water 49.4 ac. 0.1%			
Total Area: 50,010.5 acres	Cedars	Containing Cave Entrance: M70 - 7	Terrestrial CA	C123 - VA Lee 26
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
3 1,214.8 ac. 2.4%	Natural 35,794.8 ac. 71.6%	Total Pop. 3,855	NRV 79.7%	Virginia 91.0%
	Agriculture 13,753.8 ac. 27.5% Developed 279.1 ac. 0.6%	Pop./Sq. Mi. 49	CM 20.3%	Kentucky 9.0%
	Water 182.8 ac. 0.4%			
Total Area: 50,010.5 acres	Cedars	Containing Cave Entrance: M70 - 1	Terrestrial CA	C124 - VA Lee 27
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	States
	Natural 32,448.9 ac. 64.9%	Total Pop. 2,432	NRV 97.6%	Virginia 86.1%
	Agriculture 17,433.2 ac. 34.9%	Pop./Sq. Mi. 31	CM 2.4%	Tennessee 13.9%
	Developed 79.0 ac. 0.2% Water 49.4 ac. 0.1%			
	**atci +0.4 ac. 0.176	0	Torrostrial CA	C125 - VA Lee 28
Total Area: 50 010 5 acres	Cedars			States
Total Area: 50,010.5 acres GAP Management Status	Cedars  Land Use/Land Cover (1992 NLCD)	Containing Cave Entrance: M70 - 7 Census 2000	Subregions	
		Census 2000 Total Pop. 4,061	NRV 93.6%	Virginia 99.8%
GAP Management Status	Natural         35,590.5         ac.         71.2%           Agriculture         14,091.4         ac.         28.2%	Census 2000		Virginia 99.8% Kentucky 0.2%
GAP Management Status	Land Use/Land Cover (1992 NLCD)           Natural         35,590.5 ac.         71.2%           Agriculture         14,091.4 ac.         28.2%           Developed         296.5 ac.         0.6%	Census 2000 Total Pop. 4,061	NRV 93.6%	
GAP Management Status 3 39.5 ac. 0.1%	Land Use/Land Cover (1992 NLCD)           Natural         35,590.5 ac.         71.2%           Agriculture         14,091.4 ac.         28.2%           Developed         296.5 ac.         0.6%           Water         32.1 ac.         0.1%	Census 2000           Total Pop.         4,061           Pop./Sq. Mi.         52	NRV 93.6% CM 6.4%	Kentucky 0.2%
GAP Management Status  3 39.5 ac. 0.1%  Total Area: 50,010.5 acres	Land Use/Land Cover (1992 NLCD)           Natural         35,590.5 ac.         71.2%           Agriculture         14,091.4 ac.         28.2%           Developed         296.5 ac.         0.6%           Water         32.1 ac.         0.1%	Census 2000    Total Pop.	NRV 93.6% CM 6.4%	Kentucky 0.2%  C126 - VA Lee 29
GAP Management Status 3 39.5 ac. 0.1%	Land Use/Land Cover (1992 NLCD)   Natural   35,590.5 ac. 71.2%     Agriculture   14,091.4 ac. 28.2%     Developed   296.5 ac. 0.6%     Water   32.1 ac. 0.1%     Cedars   Land Use/Land Cover (1992 NLCD)	Census 2000    Total Pop.   4,061   Pop./Sq. Mi.   52	NRV 93.6% CM 6.4%  Terrestrial CA Subregions	Kentucky 0.2%  C126 - VA Lee 29  States
GAP Management Status  3 39.5 ac. 0.1%  Total Area: 50,010.5 acres	Land Use/Land Cover (1992 NLCD)           Natural         35,590.5 ac.         71.2%           Agriculture         14,091.4 ac.         28.2%           Developed         296.5 ac.         0.6%           Water         32.1 ac.         0.1%	Census 2000    Total Pop.	NRV 93.6% CM 6.4%	Kentucky 0.2%  C126 - VA Lee 29
GAP Management Status  3 39.5 ac. 0.1%  Total Area: 50,010.5 acres	Natural   35,590.5 ac.   71,2%	Census 2000  Total Pop. 4,061 Pop./Sq. Mi. 52  Containing Cave Entrance: M70 - 7 Census 2000  Total Pop. 1,996	NRV 93.6% CM 6.4%  Terrestrial CA Subregions	C126 - VA Lee 29 States Virginia 71.5%

CSRV Ecoregion				
Total Area: 50,010.5 acres				- VA Lee 30
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
1 9,052.2 ac. 18.1%	Natural 39,164.3 ac. 78.3%	Total Pop. 7,912	NRV 61.5%	ssee 47.9%
2 763.8 ac. 1.5%	Agriculture 10,026.3 ac. 20.0%	Pop./Sq. Mi. 101	CM 38.5%	a 30.9%
	Developed 671.7 ac. 1.3%			cky 21.2%
	Water 148.2 ac. 0.3%			
Total Area: 50,010.5 acres				- VA Russell 1
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
	Natural 35,264.7 ac. 70.5%	<u>Total Pop. 6,868</u>	NRV 79.3%	a 100.0%
	Agriculture 12,839.7 ac. 25.7%	Pop./Sq. Mi. 88	CM 20.7%	
	Developed 1,679.0 ac. 3.4%			
	Water 227.2 ac. 0.5%			
Total Area: 50,010.5 acres		Containing Cave Entrance: M53 -		- VA Russell 2
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
3 34.3 ac. 0.1%	Natural 34,868.2 ac. 69.7%	Total Pop. 8,042	NRV 99.7%	a 100.0%
	Agriculture 13,621.9 ac. 27.2%	Pop./Sq. Mi. 103	CM 0.3%	
	Developed 1,302.9 ac. 2.6%			
	Water 217.6 ac. 0.4%			
Total Area: 50,010.5 acres				- VA Russell 3
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	i
3 357.6 ac. 0.7%	Natural 38,445.7 ac. 76.9%	Total Pop. 6,738	NRV 62.7%	a 100.0%
	Agriculture 9,610.2 ac. 19.2%	Pop./Sq. Mi. 86	CM 37.3%	
	Developed 1,754.5 ac. 3.5%			
	Water 200.2 ac. 0.4%			
Total Area: 50,010.5 acres				- VA Russell 4
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
3 328.2 ac. 0.7%	Natural 37,721.0 ac. 75.4%	Total Pop. 3,465	NRV 95.1%	a 100.0%
	Agriculture 11,990.7 ac. 24.0%	Pop./Sq. Mi. 44	CM 4.9%	_
	Developed 279.1 ac. 0.6%			
	Water 19.8 ac. 0.0%			
Total Area: 50,010.5 acres	ye Cove Karst	Containing Cave Entrance: N33 - I	Terrestrial CA (	- VA Scott 01
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	i
3 3,530.2 ac. 7.1%	Natural 43,939.3 ac. 87.9%	Total Pop. 3,122	NRV 83.3%	a 100.0%
2 584.6 ac. 1.2%	Agriculture 5,532.6 ac. 11.1%	Pop./Sq. Mi. 40	CM 16.7%	
	Developed 387.9 ac. 0.8%			
	Water 150.7 ac. 0.3%			
Total Area: 50,010.5 acres	opper Creek	Containing Cave Entrance: N15 -	Terrestrial CA (	- VA Scott 02
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	i
3 5.1 ac. 0.0%	Natural 41,764.4 ac. 83.5%	Total Pop. 7,755	NRV 100.0%	a 100.0%
	Agriculture 7,193.8 ac. 14.4%	Pop./Sq. Mi. 99		
	Developed 963.5 ac. 1.9%			
	Water 88.9 ac. 0.2%			
Total Area: 50,010.5 acres	opper Creek	Containing Cave Entrance: N15 -	Terrestrial CA (	- VA Scott 03
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	i
3 5.1 ac. 0.0%	Natural 42,465.0 ac. 84.9%	Total Pop. 9,633	NRV 100.0%	a 99.1%
	Agriculture 6,350.1 ac. 12.7%	Pop./Sq. Mi. 123		ssee 0.9%
	Developed 1,054.6 ac. 2.1%			
	Water 140.8 ac. 0.3%			
Total Area: 50,010.5 acres	opper Creek	Containing Cave Entrance: N15 -	Terrestrial CA (	- VA Scott 04
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	i
3 5.1 ac. 0.0%	Natural 42,673.8 ac. 85.3%	Total Pop. 8,620	NRV 100.0%	a 99.5%
	Agriculture 6,205.0 ac. 12.4%	Pop./Sq. Mi. 110		ssee 0.5%
	Developed 983.5 ac. 2.0%			
	Water 148.3 ac. 0.3%			
Total Area: 50,010.5 acres	opper Creek	Containing Cave Entrance: N15 -	Terrestrial CA (	- VA Scott 05
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
2 584.6 ac. 1.2%	Natural 43,665.3 ac. 87.3%	Total Pop. 3,300	NRV 100.0%	a 100.0%
3 16.5 ac. 0.0%	Agriculture 5,992.0 ac. 12.0%	Pop./Sq. Mi. 42		
	Developed 187.7 ac. 0.4%			
	Water 165.5 ac. 0.3%			
Total Area: 50,010.5 acres		Containing Cave Entrance: N33 - I	Terrestrial CA (	- VA Scott 06
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
3 2,354.3 ac. 4.7%	Natural 43,785.5 ac. 87.6%	Total Pop. 3,192	NRV 87.6%	a 100.0%
2 584.6 ac. 1.2%	Agriculture 5,671.5 ac. 11.3%	Pop./Sq. Mi. 41	CM 12.4%	
	Developed 395.4 ac. 0.8%			
	Water 158.2 ac. 0.3%			
Total Area: 50,010.5 acres				- VA Scott 07
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000	Subregions	
3 12,856.9 ac. 25.7%	Natural 45,007.5 ac. 90.0%	Total Pop. 1,663	NRV 62.3%	a 100.0%
	Agriculture 4,701.8 ac. 9.4%	Pop./Sq. Mi. 21	CM 37.7%	
	Developed 172.9 ac. 0.3%			
	Water 128.4 ac. 0.3%			
				- VA Scott 08
Total Area: 50,010.5 acres			Subregions	
GAP Management Status	Land Use/Land Cover (1992 NLCD)	Census 2000		400.00/
	Natural 35,892.6 ac. 71.8%	Total Pop. 3,076	NRV 100.0%	a 100.0%
	Natural 35,892.6 ac. 71.8% Agriculture 13,836.4 ac. 27.7%			a 100.0%
	Natural         35,892.6 ac.         71.8%           Agriculture         13,836.4 ac.         27.7%           Developed         264.3 ac.         0.5%	Total Pop. 3,076		a 100.0%
	Natural 35,892.6 ac. 71.8% Agriculture 13,836.4 ac. 27.7%	Total Pop. 3,076		a 100.0%
GAP Management Status  Total Area: 50,010.5 acres	Natural         35,892.6 ac.         71.8%           Agriculture         13,836.4 ac.         27.7%           Developed         264.3 ac.         0.5%           Water         17.3 ac.         0.0%	Total Pop. 3,076 Pop./Sq. Mi. 39	NRV 100.0%	- VA Scott 09
GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status	Natural         35,892.6 ac.         71.8%           Agriculture         13,836.4 ac.         27.7%           Developed         264.3 ac.         0.5%           Water         17.3 ac.         0.0%   Land Use/Land Cover (1992 NLCD)	Total Pop. 3,076 Pop./Sq. Mi. 39	NRV 100.0%	- VA Scott 09
Total Area: 50,010.5 acres GAP Management Status 3 12,733.4 ac. 25.5%	Natural         35,892.6 ac.         71.8%           Agriculture         13,836.4 ac.         27.7%           Developed         264.3 ac.         0.5%           Water         17.3 ac.         0.0%             Land Use/Land Cover (1992 NLCD)           Natural         45,928.2 ac.         91.8%	Total Pop. 3,076 Pop./Sq. Mi. 39  Census 2000 Total Pop. 2,587	NRV 100.0%  Subregions CM 53.2%	- VA Scott 09
GAP Management Status  Total Area: 50,010.5 acres  GAP Management Status	Natural         35,892.6 ac.         71.8%           Agriculture         13,836.4 ac.         27.7%           Developed         264.3 ac.         0.5%           Water         17.3 ac.         0.0%   Land Use/Land Cover (1992 NLCD)	Total Pop. 3,076 Pop./Sq. Mi. 39	NRV 100.0%	- VA Scott 09

					CSRV Ecoregion
C141 - VA	A Scott 10	Terrestrial CA Co	ontaining Cave Entrance: M31 -	•	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia	100.0%	NRV 51.1%	Total Pop. 1,445	Natural 46,658.7 ac. 93.3%	3 5,772.1 ac. 11.5%
		CM 48.9%	Pop./Sq. Mi. 18	Agriculture 3,099.9 ac. 6.2%	2 4,463.1 ac. 8.9%
				Water 135.9 ac. 0.3% Developed 116.1 ac. 0.2%	
142 - VA	A Scott 11	Terrestrial CA Co	ontaining Cave Entrance: N33 - I		Total Area: 50,010.5 acres
States	4 Scott 11	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia	100.0%	NRV 87.2%	Total Pop. 2,743	Natural 44,009.8 ac. 88.0%	3 2,296.2 ac. 4.6%
		CM 12.8%	Pop./Sq. Mi. 35	Agriculture 5,598.2 ac. 11.2%	2 584.6 ac. 1.2%
				Developed 246.9 ac. 0.5%	
				Water 155.6 ac. 0.3%	
	A Scott 12		ontaining Cave Entrance: N33 - I		Total Area: 50,010.5 acres
States	100.00/	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia	100.0%	NRV 86.8% CM 13.2%	Total Pop. 3,204 Pop./Sq. Mi. 41	Natural 43,846.9 ac. 87.7% Agriculture 5,637.2 ac. 11.3%	3 3,013.4 ac. 6.0% 2 584.6 ac. 1.2%
		CM 13.2%	F0p./3q. Mil. 41	Agriculture 5,637.2 ac. 11.3% Developed 402.8 ac. 0.8%	2 584.6 ac. 1.2%
				Water 123.6 ac. 0.2%	
C144 - VA	A Scott 13	Terrestrial CA Co	ontaining Cave Entrance: N33 - I	Rye Cove Karst	Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia	100.0%	NRV 88.8%	Total Pop. 3,121	Natural 43,862.6 ac. 87.7%	3 2,451.2 ac. 4.9%
		CM 11.2%	Pop./Sq. Mi. 40	Agriculture 5,619.3 ac. 11.2%	2 584.6 ac. 1.2%
				Developed 402.6 ac. 0.8%	
				Water 126.0 ac. 0.3%	
	A Scott 14	Cubrosiana	Census 2000	Land Haaff and Caver (4000 NL CD)	Total Area: 50,010.5 acres
States Virginia	89.1%	Subregions NRV 100.0%	Total Pop. 3,670	Land Use/Land Cover (1992 NLCD)  Natural 43,405.4 ac. 86.8%	GAP Management Status 2 584.6 ac. 1.2%
Virginia Tennessee	89.1% 10.9%	INEV 100.0%	Pop./Sq. Mi. 47	Natural 43,405.4 ac. 86.8% Agriculture 6,348.3 ac. 12.7%	∠ 564.6 dC. 1.2%
500000	. 5.5 /6		. op., oq. mi. — 11	Water 148.2 ac. 0.3%	
				Developed 108.7 ac. 0.2%	
C146 - VA	A Smyth 1				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
Virginia	100.0%	NRV 100.0%	Total Pop. 2,088	Natural 33,074.9 ac. 66.1%	3 2,776.3 ac. 5.6%
			Pop./Sq. Mi. 27	Agriculture 16,641.3 ac. 33.3%	2 2,127.1 ac. 4.3%
				Water 259.6 ac. 0.5% Developed 34.6 ac. 0.1%	
0447 \		T			T-4-1 A 50 040 5
C147 - VA States	A Smyth 2	Subregions Subregions	ontaining Cave Entrance: S12 - 0 Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Virginia	100.0%	NRV - BUFF 72.4%	Total Pop. 2,429	Natural 42,292.1 ac. 84.6%	3 20,062.9 ac. 40.1%
g		NRV 27.6%	Pop./Sq. Mi. 31	Agriculture 7,056.5 ac. 14.1%	2 3,261.6 ac. 6.5%
				Developed 657.0 ac. 1.3%	
				Water 4.9 ac. 0.0%	
	A Smyth 3				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia	100.0%	NRV 97.0% NRV - BUFF 3.0%	Total Pop. 14,102	Natural 32,936.0 ac. 65.9%	3 6,196.1 ac. 12.4% 2 449.2 ac. 0.9%
		INRV - BUFF 3.0%	Pop./Sq. Mi. 180	Agriculture 14,008.5 ac. 28.0% Developed 3,026.5 ac. 6.1%	2 449.2 ac. 0.9%
				Water 39.5 ac. 0.1%	
C149 - VA	A Smyth 4				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia	100.0%	NRV 100.0%	Total Pop. 14,778	Natural 31,963.2 ac. 63.9%	3 3,354.9 ac. 6.7%
			Pop./Sq. Mi. 189	Agriculture 15,252.7 ac. 30.5%	2 699.1 ac. 1.4%
				Developed 2,779.7 ac. 5.6%	
				Water 14.8 ac. 0.0%	
	A Smyth 5	Outranton	0	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres
States /irginia	100.0%	Subregions NRV 100.0%	Census 2000 Total Pop. 1,329	Natural 33,579.1 ac. 67.1%	GAP Management Status 3 2,921.2 ac. 5.8%
riigiilia	100.076	100.076	Pop./Sq. Mi. 17	Agriculture 16,241.3 ac. 32.5%	2 983.7 ac. 2.0%
			. opoq	Water 160.5 ac. 0.3%	2 000.7 00. 2.070
				Developed 29.6 ac. 0.1%	
C151 - VA	A Smyth 6				Total Area: 50,010.5 acres
States		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	<b>GAP Management Status</b>
√irginia	100.0%	NRV 86.8%	Total Pop. 1,279	Natural 37,877.3 ac. 75.7%	2 11,451.3 ac. 22.9%
		NRV - BUFF 13.2%	Pop./Sq. Mi. 16	Agriculture 11,727.9 ac. 23.5%	3 6,408.5 ac. 12.8%
				Developed 402.8 ac. 0.8% Water 2.5 ac. 0.0%	1 1,027.0 ac. 2.1%
C1E2 V/	A Tonousell O1	Townstrial CA Co	entaining Cave Entrance: M19		Total Area: 50 010 5 perce
States	A Tazewell 01	Subregions	ontaining Cave Entrance: M18 - Census 2000	Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres GAP Management Status
Virginia	100.0%	NRV 100.0%	Total Pop. 1,699	Natural 30,429.7 ac. 60.8%	3 1,013.8 ac. 2.0%
· ii gii ii u	100.070	100.070	Pop./Sq. Mi. 22	Agriculture 19,526.4 ac. 39.0%	2 22.7 ac. 0.0%
				Developed 29.7 ac. 0.1%	
				Water 24.7 ac. 0.0%	
	A Tazewell 02		ontaining Cave Entrance: M20 -		Total Area: 50,010.5 acres
States	100.001	Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
Virginia	100.0%	NRV 98.3%	Total Pop. 12,043	Natural 34,487.6 ac. 69.0%	3 31.5 ac. 0.1%
		CM 1.7%	Pop./Sq. Mi. 154	Agriculture 13,347.7 ac. 26.7%	
				Developed 2,145.6 ac. 4.3% Water 29.6 ac. 0.1%	
				20.0 ab. 0.1/0	
C154 V	A Tazewall A2	Torrestrial CA C	ntaining Cave Entrance, M40	Clinch Mountain VA	Total Area: 50 010 5 cores
	A Tazewell 03		ontaining Cave Entrance: M18 - Census 2000		Total Area: 50,010.5 acres GAP Management Status
States	100.0%	Terrestrial CA Co Subregions NRV 100.0%	Census 2000 Total Pop. 1,747	Clinch Mountain, VA  Land Use/Land Cover (1992 NLCD)  Natural 30,103.6 ac. 60.2%	GAP Management Status
C154 - VA States Virginia		Subregions	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
States		Subregions	Census 2000 Total Pop. 1,747	Land Use/Land Cover (1992 NLCD)           Natural         30,103.6 ac. 60.2%	GAP Management Status 3 1,329.9 ac. 2.7%
States		Subregions	Census 2000 Total Pop. 1,747	Land Use/Land Cover (1992 NLCD)           Natural         30,103.6 ac.         60.2%           Agriculture         19,852.6 ac.         39.7%	GAP Management Status 3 1,329.9 ac. 2.7%

C155 - VA Tazev States						CSRV Ecoregion
States				ning Cave Entrance: M18 - Clinch		Total Area: 50,010.5 acres
		ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)  Natural 35.102.5 ac. 70.2%	GAP Management Status 3 31.5 ac. 0.1%
irginia 100.0	J%	RV	100.0%	Total Pop. 1,598 Pop./Sq. Mi. 20	Natural 35,102.5 ac. 70.2% Agriculture 14,584.4 ac. 29.2%	3 31.5 ac. 0.1%
				F 0p./3q. IVII. 20	Developed 296.4 ac. 0.6%	
					Water 27.2 ac. 0.1%	
156 - VA Tazev	vell 05	T	errestrial CA Contain	ning Cave Entrance: M18 - Clinch		Total Area: 50,010.5 acres
tates		ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
irginia 100.0	J%] [Ni	RV	100.0%	Total Pop. 1,770 Pop./Sq. Mi. 23	Natural 34,344.9 ac. 68.7% Agriculture 15,240.8 ac. 30.5%	3 31.5 ac. 0.1%
				Fop./3q. IVII. 23	Developed 397.7 ac. 0.8%	
					Water 27.2 ac. 0.1%	
2157 - VA Tazew	vell 06	T	errestrial CA Contain	ning Cave Entrance: M20 - Clinch		Total Area: 50,010.5 acres
States	Sı	ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia 100.0	0%	RV	100.0%	Total Pop. 2,970	Natural 30,468.4 ac. 60.9%	3 7.6 ac. 0.0%
				Pop./Sq. Mi. 38	Agriculture 19,176.5 ac. 38.3%	
					Developed 333.6 ac. 0.7% Water 32.1 ac. 0.1%	
CATO VA TORON			arrestrial CA Contain	ning Cave Entrance: M20 - Clinch		Total Area: 50,010.5 acres
2158 - VA Tazev States		ubregions	errestriai CA Contail	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia 100.0			100.0%	Total Pop. 3,949	Natural 32,278.2 ac. 64.5%	3 31.5 ac. 0.1%
				Pop./Sq. Mi. 51	Agriculture 17,011.0 ac. 34.0%	
					Developed 694.1 ac. 1.4%	
					Water 27.2 ac. 0.1%	
159 - VA Tazew			errestrial CA Contain	ning Cave Entrance: M20 - Clinch		Total Area: 50,010.5 acres
States		ubregions	100.09/	Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia 100.0	U70 NI	RV	100.0%	<u>Total Pop.</u> 3,598 Pop./Sq. Mi. 46	Natural 30,702.3 ac. 61.4% Agriculture 18,893.0 ac. 37.8%	3 10.0 ac. 0.0%
				1 op./oq. ivii. 40	Developed 383.1 ac. 0.8%	
					Water 32.1 ac. 0.1%	
160 - VA Tazev	vell 09	Т	errestrial CA Contain	ning Cave Entrance: M18 - Clinch	Mountain, VA	Total Area: 50,010.5 acres
itates	Sı	ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
irginia 100.0		RV	87.1%	Total Pop. 8,422	Natural 25,100.4 ac. 50.2%	1 2,398.3 ac. 4.8%
	NI	RV - BUFF	12.9%	Pop./Sq. Mi. 108	Agriculture 23,551.5 ac. 47.1%	2 1,065.2 ac. 2.1%
					Developed 1,282.1 ac. 2.6% Water 76.6 ac. 0.2%	
161 - VA Tazev	wall 10				70.0 do. 0.270	Total Area: 50,010.5 acres
States		ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
/irginia 100.0		RV - BUFF	45.9%	Total Pop. 8,015	Natural 32,881.7 ac. 65.7%	O'
	NI	RV	43.9%	Pop./Sq. Mi. 103	Agriculture 16,017.2 ac. 32.0%	
		M - BUFF	9.9%		Developed 1,032.6 ac. 2.1%	
	CI		0.3%		Water 79.0 ac. 0.2%	
C162 - VA Tazew				ning Cave Entrance: M18 - Clinch		Total Area: 50,010.5 acres
States /irginia 100.0		ubregions RV	100.0%	Total Pop. 2,401	Land Use/Land Cover (1992 NLCD)  Natural 38,248.9 ac. 76.5%	GAP Management Status 3 31.5 ac. 0.1%
riigiilia 100.0	J 70	ΚV		Pop./Sq. Mi. 31	Agriculture 11,262.7 ac. 22.5%	3 31.3 ac. 0.176
				<u> </u>	Developed 360.6 ac. 0.7%	
					Water 138.3 ac. 0.3%	
163 - VA Washi	ington					Total Area: 50,010.5 acres
States				Camaria 2000		
		ubregions		Census 2000	Land Use/Land Cover (1992 NLCD)	GAP Management Status
irginia 92.7	7% NI	RV	82.0%	Total Pop. 7,421	Natural 30,384.4 ac. 60.8%	GAP Management Status 2 4,283.0 ac. 8.6%
/irginia 92.7	7% NI				Natural 30,384.4 ac. 60.8% Agriculture 18,702.1 ac. 37.4%	GAP Management Status 2 4,283.0 ac. 8.6%
irginia 92.7	7% NI	RV		Total Pop. 7,421	Natural         30,384.4 ac.         60.8%           Agriculture         18,702.1 ac.         37.4%           Developed         815.4 ac.         1.6%	GAP Management Status 2 4,283.0 ac. 8.6%
firginia 92.7 fennessee 7.3	7% 3% NI	RV RV - BUFF	18.0%	Total Pop. 7,421 Pop./Sq. Mi. 95	Natural         30,384.4 ac.         60.8%           Agriculture         18,702.1 ac.         37.4%           Developed         815.4 ac.         1.6%           Water         108.7 ac.         0.2%	GAP Management Status           2         4,283.0 ac.         8.6%           3         1,016.1 ac.         2.0%
/irginia 92.7 ennessee 7.3	7% 3% NI	RV RV - BUFF	18.0%	Total Pop. 7,421	Natural         30,384.4 ac.         60.8%           Agriculture         18,702.1 ac.         37.4%           Developed         815.4 ac.         1.6%           Water         108.7 ac.         0.2%	GAP Management Status 2 4,283.0 ac. 8.6% 3 1,016.1 ac. 2.0%  Total Area: 50,010.5 acres
/irginia 92.7 Tennessee 7.3 C164 - VA Wise States	7% Ni	RV RV - BUFF Tubregions	errestrial CA Contain	Total Pop. 7,421 Pop./Sq. Mi. 95 ning Cave Entrance: M09 - Black 8	Natural         30,384.4 ac.         60.8%           Agriculture         18,702.1 ac.         37.4%           Developed         815.4 ac.         1.6%           Water         108.7 ac.         0.2%           \$ Stone Mountains	GAP Management Status  2
/irginia 92.7 Tennessee 7.3 C164 - VA Wise States	7% Ni	RV RV - BUFF Tubregions	errestrial CA Contain	Total Pop.	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%	GAP Management Status  2
irginia 92.7 ennessee 7.3 1164 - VA Wise tates	7% Ni	RV RV - BUFF Tubregions	errestrial CA Contain	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319	Natural   30,384.4 ac.   60.8%	GAP Management Status 2 4,283.0 ac. 8.6% 3 1,016.1 ac. 2.0%  Total Area: 50,010.5 acres GAP Management Status 3 8,208.1 ac. 16.4%
irginia 92.7 ennessee 7.3 2164 - VA Wise tates irginia 100.0	7% NI	RV RV - BUFF T ubregions M RV	18.0%  errestrial CA Contain  75.1%  24.9%	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop./Sq. Mi. 158	Natural   30,384.4 ac.   60.8%	GAP Management Status  2
riginia 92.7 rennessee 7.3 2164 - VA Wise states riginia 100.0	7% NI	RV BUFF  Tubregions M RV	18.0%  errestrial CA Contain  75.1%  24.9%	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000 Total Pop. 12,319 Pop./Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census Cave Entrance: M0	Natural   30,384.4 ac.   60.8%	Cap Management Status
//irginia         92.7           cennessee         7.3           2164 - VA Wise         ***           states         */irginia         100.0           2165 - VA Wise         ***           States         ***	7% NI	RV RV - BUFF Tubregions M RV Tubregions	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop./Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     Stone Mountains     Land Use/Land Cover (1992 NLCD)	GAP Management Status  2
164 - VA Wise   165 - VA Wis	7% NI	RV RV - BUFF  Tubregions M RV  Tubregions	errestrial CA Contain 75.1% 24.9% errestrial CA Contain 66.7%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%	Cap Management Status
//irginia         92.7           cennessee         7.3           2164 - VA Wise         ***           states         */irginia         100.0           2165 - VA Wise         ***           States         ***	7% NI	RV RV - BUFF Tubregions M RV Tubregions	errestrial CA Contain 75.1% 24.9% errestrial CA Contain 66.7%	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop./Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000	Natural   30,384.4 ac.   60.8%	GAP Management Status  2
164 - VA Wise   165 - VA Wis	7% NI	RV RV - BUFF  Tubregions M RV  Tubregions	errestrial CA Contain 75.1% 24.9% errestrial CA Contain 66.7%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%	GAP Management Status  2
riginia 92.7 rennessee 7.3 rennessee 7.3 rennessee 7.3 rennessee 1.00.0 re	7%   NI   NI   NI   NI   NI   NI   NI   N	RV - BUFF  Tubregions M RV  Tubregions M RV	errestrial CA Contain 75.1% 24.9%  errestrial CA Contain 66.7% 33.3%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%	Color
rirginia 92.7 ennessee 7.3  164 - VA Wise tates rirginia 100.0  165 - VA Wise tates rirginia 100.0	7%   NI   NI   NI   NI   NI   NI   NI   N	RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions Tubregions	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain	Total Pop. 7,421   Pop./Sq. Mi. 95	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     S Stone Mountains     Land Use/Land Cover (1992 NLCD)	Columbia
rirginia 92.7 ennessee 7.3  164 - VA Wise tates rirginia 100.0  165 - VA Wise tates rirginia 100.0	7% NI	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Natural   43,960.1 ac.   87.9%	Cap Management Status
164 - VA Wise   165 - VA Wise   165 - VA Wise   166 - VA Wis	7% NI	RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions Tubregions	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain	Total Pop. 7,421   Pop./Sq. Mi. 95	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%	Columbia
irginia 92.7 ennessee 7.3  164 - VA Wise tates irginia 100.0  165 - VA Wise tates irginia 100.0	7% NI	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%	Columbia
irginia 92.7 ennessee 7.3  2164 - VA Wise tates irginia 100.0  2165 - VA Wise tates irginia 100.0  2166 - VA Wise tates irginia 100.0	7%   NI   NI   NI   NI   NI   NI   NI   N	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop./Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop./Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,002 Pop./Sq. Mi. 154	Natural   30,384.4 ac.   60.8%	Cap Management Status   2   4,283.0 ac.   8.6%   3   1,016.1 ac.   2.0%
irginia 92.7 ennessee 7.3  164 - VA Wise tates irginia 100.0  165 - VA Wise tates irginia 100.0  166 - VA Wise tates irginia 100.0	7% NI	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Trubregions M RV	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%	Total Area: 50,010.5 acres
/irginia 92.7 Tennessee 7.3 Te	7%   Ni   Ni   Ni   Ni   Ni   Ni   Ni   N	RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Tubregions M RV	errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%	Total Pop. 7,421 Pop/Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop/Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop/Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop/Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,002 Pop/Sq. Mi. 154	Natural   30,384.4 ac.   60.8%   Agriculture   18,702.1 ac.   37.4%   Developed   815.4 ac.   1.6%   Water   108.7 ac.   0.2%   Stone Mountains   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   42,884.9 ac.   85.8%   Developed   4,539.7 ac.   9.1%   Agriculture   2,420.5 ac.   4.8%   Water   165.5 ac.   0.3%   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   43,985.2 ac.   88.0%   Developed   3,564.8 ac.   7.1%   Developed   3,564.8 ac.   7.1%   Object   2,406.2 ac.   4.8%   Water   54.3 ac.   0.1%   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   7.2%   Agriculture   2,408.3 ac.   4.8%   Water   54.4 ac.   0.1%   Matural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   7.2%   Agriculture   2,408.3 ac.   4.8%   Water   54.4 ac.   0.1%   Matural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   7.2%   Agriculture   2,408.3 ac.   4.8%   Water   54.4 ac.   0.1%   Matural   0.1%   Matu	Total Area: 50,010.5 acres
### ### ### ### ### ### ### ### ### ##	7% Ni	RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Tubregions M RV	18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.9% 60.7%	Total Pop. 7,421 Pop./Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop./Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop./Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop./Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,002 Pop./Sq. Mi. 154	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     Inob     Land Use/Land Cover (1992 NLCD)     Natural   45,306.2 ac.   90.6%     Agriculture   2,359.6 ac.   4.7%	Total Area: 50,010.5 acres
164 - VA Wise   165 - VA Wise   1665 - VA Wise   1666 - VA Wise   1667 -	7% Ni	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Tubregions M RV	18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.9% 60.7%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%   Agriculture   18,702.1 ac.   37.4%   Developed   815.4 ac.   1.6%   Water   108.7 ac.   0.2%   Stone Mountains	Cap Management Status   2
irginia 92.7 ennessee 7.3  164 - VA Wise tates irginia 100.0  165 - VA Wise tates irginia 100.0  166 - VA Wise tates irginia 100.0  167 - VA Wise tates irginia 100.0  167 - VA Wise tates irginia 100.0	7% Ni	RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Tubregions M RV	18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.7% 39.3%	Total Pop. 7,421 Pop/Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop/Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop./Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,002 Pop./Sq. Mi. 154  ning Cave Entrance: M31 - High K Census 2000  Total Pop. 11,650 Pop./Sq. Mi. 149	Natural   30,384.4 ac.   60.8%   Agriculture   18,702.1 ac.   37.4%   Developed   815.4 ac.   1.6%   Water   108.7 ac.   0.2%   Stone Mountains	Total Area: 50,010.5 acres
164 - VA Wise   165 - VA Wise   166 - VA Wise   166 - VA Wise   166 - VA Wise   167 - VA Wise   168 - VA Wis	7%   Ni   Ni   Ni   Ni   Ni   Ni   Ni   N	RV RV - BUFF  Tubregions M RV  Tubregions M RV  Tubregions M RV  Tubregions M RV	18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.7% 39.3%	Total Pop. 7,421 Pop/Sq. Mi. 95  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,319 Pop/Sq. Mi. 158  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 11,974 Pop/Sq. Mi. 153  ning Cave Entrance: M09 - Black & Census 2000  Total Pop. 12,002 Pop/Sq. Mi. 154  ning Cave Entrance: M31 - High K Census 2000  Total Pop. 11,650 Pop./Sq. Mi. 149  ning Cave Entrance: M31 - High K Census 2000	Natural   30,384.4 ac.   60.8%   Agriculture   18,702.1 ac.   37.4%   Developed   815.4 ac.   1.6%   Water   108.7 ac.   0.2%   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   42,884.9 ac.   85.8%   Developed   4,539.7 ac.   9.1%   Agriculture   2,420.5 ac.   4.8%   Water   165.5 ac.   0.3%   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   43,985.2 ac.   88.0%   Developed   3,564.8 ac.   7.1%   Agriculture   2,406.2 ac.   4.8%   Water   54.3 ac.   0.1%   Stone Mountains   Land Use/Land Cover (1992 NLCD)   Natural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   7.2%   Developed   3,587.7 ac.   7.2%   Developed   3,587.7 ac.   7.2%   Developed   3,587.7 ac.   7.2%   Developed   3,587.7 ac.   0.1%   Matural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   0.1%   Matural   43,960.1 ac.   87.9%   Developed   3,587.7 ac.   0.1%   Matural   43,960.1 ac.   87.9%   Developed   2,408.3 ac.   4.8%   Water   54.4 ac.   0.1%   Matural   45,306.2 ac.   90.6%   Agriculture   2,359.6 ac.   4.7%   Developed   2,270.6 ac.   4.5%   Water   74.1 ac.   0.1%   Inob	Total Area: 50,010.5 acres
//riginia 92.7 Tennessee 7.3 T	7%   Ni   Ni   Ni   Ni   Ni   Ni   Ni   N	RV RV - BUFF  Tubregions M RV   18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.7% 39.3%	Total Pop.	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     nob     Land Use/Land Cover (1992 NLCD)     Natural   45,306.2 ac.   90.6%     Agriculture   2,359.6 ac.   4.7%     Developed   2,270.6 ac.   4.5%     Water   74.1 ac.   0.1%     nob     Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres	
/irginia 92.7 Fennessee 7.3 Fe	7%	RV RV - BUFF  Tubregions M RV	18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.7% 39.3%  errestrial CA Contain  60.7% 39.3%	Total Pop. 7,421	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     Individual   45,306.2 ac.   90.6%     Agriculture   2,359.6 ac.   4.7%     Developed   2,270.6 ac.   4.5%     Water   74.1 ac.   0.1%     Individual   10.1%     Individual   10.1	Total Area: 50,010.5 acres
/irginia 92.7 Fennessee 7.3 Fe	7%	RV RV - BUFF  Tubregions M RV   18.0%  errestrial CA Contain  75.1% 24.9%  errestrial CA Contain  66.7% 33.3%  errestrial CA Contain  66.9% 33.1%  errestrial CA Contain  60.7% 39.3%  errestrial CA Contain  60.7% 39.3%	Total Pop.	Natural   30,384.4 ac.   60.8%     Agriculture   18,702.1 ac.   37.4%     Developed   815.4 ac.   1.6%     Water   108.7 ac.   0.2%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   42,884.9 ac.   85.8%     Developed   4,539.7 ac.   9.1%     Agriculture   2,420.5 ac.   4.8%     Water   165.5 ac.   0.3%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,985.2 ac.   88.0%     Developed   3,564.8 ac.   7.1%     Agriculture   2,406.2 ac.   4.8%     Water   54.3 ac.   0.1%     S Stone Mountains     Land Use/Land Cover (1992 NLCD)     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     Natural   43,960.1 ac.   87.9%     Developed   3,587.7 ac.   7.2%     Agriculture   2,408.3 ac.   4.8%     Water   54.4 ac.   0.1%     nob     Land Use/Land Cover (1992 NLCD)     Natural   45,306.2 ac.   90.6%     Agriculture   2,359.6 ac.   4.7%     Developed   2,270.6 ac.   4.5%     Water   74.1 ac.   0.1%     nob     Land Use/Land Cover (1992 NLCD)	Total Area: 50,010.5 acres	

States Subregions Census 2000 Land Use/La		Total Area: 50,010.5 acres
States Subregions Census 2000 Land Use/La	and Cover (1992 NLCD)	GAP Management Status
Virginia         100.0%         CM         71.0%         Total Pop.         9,138         Natural	45,725.4 ac. 91.4%	3 14,155.1 ac. 28.3%
NRV 29.0% Pop./Sq. Mi. 117 Agriculture	2,221.6 ac. 4.4%	2 4,441.7 ac. 8.9%
Developed	1,991.8 ac. 4.0%	
Water	71.7 ac. 0.1%	
C170 - VA Wise 7 Terrestrial CA Containing Cave Entrance: M31 - High Knob		Total Area: 50,010.5 acres
States Subregions Census 2000 Land Use/La	ind Cover (1992 NLCD)	GAP Management Status
Virginia         100.0%         CM         72.3%         Total Pop.         9,208         Natural	45,564.9 ac. 91.1%	3 13,791.6 ac. 27.6%
NRV 27.7% Pop./Sq. Mi. 118 Agriculture	2,220.3 ac. 4.4%	2 4,443.1 ac. 8.9%
Developed	2,151.2 ac. 4.3%	
Water	74.1 ac. 0.1%	
C171 - VA Wise 8 Terrestrial CA Containing Cave Entrance: M31 - High Knob		Total Area: 50,010.5 acres
States Subregions Census 2000 Land Use/La	ind Cover (1992 NLCD)	<b>GAP Management Status</b>
Virginia         100.0%         CM         70.6%         Total Pop.         8,981         Natural	45,848.9 ac. 91.7%	3 14,020.9 ac. 28.0%
NRV 29.4% Pop./Sq. Mi. 115 Agriculture	2,230.2 ac. 4.5%	2 4,463.1 ac. 8.9%
Developed	1,859.7 ac. 3.7%	<del></del>
Water	71.6 ac. 0.1%	
		Total Area: 50,010.5 acres
C172 - WV Nicholas Terrestrial CA Containing Cave Entrance: M30 - Gauley River		
,	and Cover (1992 NLCD)	GAP Management Status
,	and Cover (1992 NLCD) 41,183.7 ac. 82.4%	
States Subregions Census 2000 Land Use/La	<u> </u>	GAP Management Status
States         Subregions         Census 2000         Land Use/La           West Virginia         100.0%         CM         100.0%         Total Pop.         3,307         Natural	41,183.7 ac. 82.4%	GAP Management Status

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Tennessee	Virginia	West Virginia
City	Bays Mountain Park	1,392.2				1,392.2		
City	Dandridge Municipal Park	129.0				129.0		
City	Lenoir City Park	19.1				19.1		
City	Steel Creek Park	2,125.5				2,125.5		
County	Admiral Farragut Park	29.7				29.7		
County	Anderson County Park	209.1				209.1		
County	Blount County Park	72.6				72.6		
County	Boy Scout Park	261.8				261.8		
County	Bradley County Park	87.1				87.1		
County	Campbell County Park	198.8				198.8		
County	Carl Cowan Park	43.6				43.6		
County	Cherokee Park	419.0				419.0		
County	Chestnut Ridge County Park	92.5				92.5		
County	Floyd County Park	918.1		918.1				
County	Grainger County Park	150.9				150.9		
County	Hamilton County Park	265.7				265.7		
County	Haw Ridge Park	859.2				859.2		
County	I. C. King County Park	79.4				79.4		
County	Louisville Point County Park	26.0				26.0		
County	Meadow Park Lake	398.7				398.7		
County	Norris Watershed County Park	2,037.9				2,037.9		
County	Panther Creek Park	1,544.0				1,544.0		
County	Rainbow Richlands Resort	384.2				384.2		
County	Roane County Park	670.5				670.5		
County	Rockwood Park And Beach	218.1				218.1		
County	Sevier County Park	297.2				297.2		
County	Sullivan County Park	204.9				204.9		
County	Union County Park	6.09				6.09		
Federal	Agency Creek TVA Shoreline	51.6				51.6		
Federal	Appalachian Trail	468.7					468.7	
Federal	Bankhead NF	181,672.4	181,672.4					
Federal	Big South Fork NRRA	113,561.4			30,454.1	83,107.3		
Federal	Boone Dam Public Use Area	320.7				320.7		
Federal	Chattahoochee NF	116,922.8		116,911.3		11.4		
Federal	Cherokee Dam Public Camping Area	70.9				20.9		
Federal	Cherokee NF	304,261.2		8,352.1		295,375.5	523.1	

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Tennessee	Virginia	West Virginia
Federal	Chickamauga & Chattanooga NMP	8,142.8		6,279.3		1,863.5		
Federal	Concord Park/TVA Access Site	566.4				566.4		
Federal	Cottonport TVA Shoreline	304.1				304.1		
Federal	Cumberland Gap NHP	15,561.8			10,210.3	2.8	5,348.7	
Federal	Cumberland Gap NP	1,870.4				1,870.4		
Federal	Daniel Boone NF	657,081.4			652,035.9	42.4		
Federal	Douglas Dam Camping Area	154.6				154.6		
Federal	Douglas Dam TVA Shoreline	314.2				314.2		
Federal	Fall Creek Public Camping Area	159.0				159.0		
Federal	Flack Tract Public Use Area	191.0				191.0		
Federal	Fooshee Pass Public Camping Area	68.5				68.5		
Federal	Fooshee Peninsula TVA Shoreline	841.5				841.5		
	Fort Loudon Dam Reservation TVA							
Federal	Shoreline	674.8				674.8		
Federal	Fort McClellan Mil. Res.	50,335.4	50,335.4					
Federal	Foster Falls Public Use Area	204.3				204.3		
Federal	Gate City Armory Mil. Res.	5.1					5.1	
Federal	Goat Island TVA Shoreline	110.4				110.4		
Federal	Great Smoky Mountains NP	31,798.3				31,798.3		
Federal	Hales Bar Public Use Area	212.6				212.6		
Federal	Half Moon Island TVA Shoreline	6.76				6.76		
Federal	Hiwassee Base Public Use Area	27.7				27.7		
Federal	Hornsby Hollow Public Camping Area	45.9				45.9		
Federal	Hornsby Island TVA Shoreline	79.7				79.7		
Federal	Iron Hill Island TVA Shoreline	415.6				415.6		
Federal	Ish Creek Public Use Area	81.2				81.2		
Federal	Jackson Branch TVA Shoreline	26.7				26.7		
Federal	Jefferson NF	260,544.5			877.1	2.7	259,661.7	
Federal	John Sevier Dam Public Use Area	638.8				638.8		
Federal	Ledford Island TVA Shoreline	97.2				97.2		
Federal	Little Fooshee Public Use Area	40.8				40.8		
Federal	Little Gizzard Creek Small Wild Area	329.1				329.1		
Federal	Lowe Branch TVA Shoreline	826.3				826.3		
Federal	May Springs Public Camping Area	92.2				92.2		
Federal	Melton Hill Park	148.1				148.1		
Federal	Monangahela NF	71,406.7						71,406.7

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Tennessee	Virginia	West Virginia
Federal	Mud Creek TVA Shoreline	121.5				121.5		
C C C	Nickajack Dam Public Campground &	7 7 7				7 7 7		
Federal	Nickajack Lake TVA Shoreline	1.507.5				1.507.5		
5	Nolichucky Waterfowl Sanctuary &							
Federal	Environmental Study Area	2,127.3				2,127.3		
Federal	Oak Ridge Nat. Lab.	35,200.4				35,200.4		
Federal	Opossum Creek TVA Shoreline	322.1				322.1		
Federal	Pisgah NF	7,954.1				347.2		
Federal	Redstone Arsenal Mil. Res.	26,091.6	26,091.6					
Federal	Riley Creek Public Camping Area	265.6				265.6		
Federal	Riley Creek TVA Shoreline	159.6				159.6		
Federal	River Bluff Small Wild Area	118.5				118.5		
Federal	Sale Creek TVA Shoreline	296.8				8.963		
Federal	Soddy Creek TVA Shoreline	305.0				305.0		
Federal	South Holston Dam Public Use Area	6.736				6.736		
Federal	Stiner Woods Small Wild Area	51.2				51.2		
Federal	Taladega NF	20,799.1	20,798.9	0.2				
Federal	Talladega NF	208,560.3	208,560.3					
Federal	Thief Neck Island Small Wild Area	679.8				679.8		
Federal	Washington Ferry TVA Shoreline	1,401.5				1,401.5		
Federal	Watts Bar Public Camping Area	414.7				414.7		
Federal	Watts Bar Resort	242.4				242.4		
Federal	Wheeler NWR	40,104.4	40,104.4					
Federal	Whites Creek TVA Shoreline	302.7				302.7		
Federal	Wolftever Creek TVA Shoreline	253.5				253.5		
State	Alpine Mountain WMA	1,708.6				1,708.6		
State	Anawalt Public Fishing Area	170.7						170.7
State	Babcock SP	61,917.8						61,917.8
State	Bad Branch SNA	1,786.7			1,786.7			
State	Battle Creek WMA	79.3				79.3		
State	Beech Creek WMA	1,221.8			1,221.8			
State	Berry College WMA & Refuge	23,763.6		23,763.6				
O+o+O	Berwind Lake Public Hunting &	ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν ν					7	77 77 7
State	Pia Cata Crook SB	2,101.5	9 900				5.	
State	Big Cats Creek SP	Z00.0	Z00.0					

Acres Alabama 278.2
852.6
548.7
8,575.1
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251.8
,192.7
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3,148.5 3,148.5
6,554.1
2,464.3
6,266.2
24,797.9
31.5
2,354.4
3,963.5 3,963.5
25,992.8
2,555.5
582.1
1,272.2
1,888.2
1,292.7
30,718.6
4,897.9 4,897.9
6,850.0
1,736.6

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Tennessee	Virginia	West Virginia
State	Dr. Thomas Walker State Historic Site	10.2			10.2			
State	Eastern State WMA	370.7				370.7		
Ctoto	Elk River Public Hunting & Fishing	2 0 8 0 2						21 960 3
State	Clina Dranch Oite	4 070			7 0 7 0			6.000,12
State	Elkins Branch Site	2/8.1			2/8.1	7		
State	Fall Creek Falls SRP	15,651.7				15,651.7		
State	Fishtrap Lake WMA	13,707.3			13,707.3			
State	Foothills WMA	1,170.0				1,170.0		
State	Ford Swamp	29.2				29.2		
	Fork Creek Public Hunting & Fishing							
State	Area	8,010.5						8,010.5
State	Fort Mountain SP	3.4		3.4				
State	Foust	17.8				17.8		
State	Franklin SF	6,875.0				6,875.0		
State	Frozen Head SNA	11,751.9				11,751.9		
State	General Burnside SP	321.7			321.7			
State	Grayson Lake WMA	6,622.5			6,622.5			
State	Grayson River Lake SP	2,572.2			2,572.2			
State	Greenbo Lake SRP	3,490.8			3,490.8			
State	Grundy Forest SNA	227.8				227.8		
State	Grundy Lakes SRA	176.4				176.4		
State	Harrison Bay SRA	1,665.3				1,665.3		
State	Henderson Island Refuge	686.1				686.1		
State	Henderson Swamp WMA	24.1				24.1		
State	Hidden Valley WMA	5,960.2					5,960.2	
State	Holly River SP	6,860.9						6,860.9
State	Holston Ordnance Works WMA	5,786.5				5,786.5		
State	Horse Creek Public Fishing Area	21,844.0						21,844.0
State	Hungry Mother SP	2,127.1					2,127.1	
State	Indian Mountain Campground SRA	253.6				253.6		
State	Indian Mountain SRA	516.0	493.2	22.8				
State	James D. Martin Skyline WMA	27,570.9	27,475.1			95.7		
State	James H. "Sloppy" Floyd SP	237.8		237.8				
State	Jenny Wiley SRP	1,618.8			1,618.8			
State	Jesse Stuart State Nature Preserve	730.4			730.4			

State J State J State K							)	
	John Sevier Refuge WMA	213.4				213.4		
	Johnson Bottoms WMA	9.09				9.03		
	Kanawha SF	8,683.0						8,683.0
	Kentenia SF	3,654.9			3,654.9			
	Kentucky Ridge SF	12,270.8			12,270.8			
	Kingdom Come SP	972.4			972.4			
	Kingston Refuge	431.1				431.1		
State K	Kumbrabow SF	516.2						516.2
State K	Kyker Bottoms Refuge	459.7				459.7		
State L	Lake Allatoona WMA	5,649.8		5,649.8				
State L	Lake Cumberland WMA	10,127.5			10,127.5			
State L	Lake Guntersville SP	5,463.1	5,463.1					
	Laurel Creek Public Hunting & Fishing							
	Area	12,001.0						12,001.0
State L	Laurel-Snow Pocket Wilderness SNA	423.4				423.4		
State L	Levi Jackson Wilderness SP	724.4			724.4			
State L	Lick Creek SNA	1,027.0					1,027.0	
State L	Lick Creek WMA	400.7				400.7		
	Lilley Cornett Woods	476.7			476.7			
	Lone Mountain SF	3,694.0				3,694.0		
State	Long Island WMA	71.1				1.17		
State L	Luper Mountain WMA	1,990.2				1,990.2		
State N	Monsanto SP	463.1	463.1					
	Monte Sano SP	2,176.0	2,176.0					
State N	Mt. Roosevelt WMA	8,633.0				8,633.0		
	Mullins Island WMA	31.0				31.0		
	Natural Bridge SRP	1,967.2			1,967.2			
	Natural Tunnel SP	584.6					584.6	
State N	Nolichucky River Access	4.5				4.5		
State N	Norris Dam SRP	2,626.7				2,626.7		
	Oak Mountain SP	8,857.3	8,857.3					
State F	Paint Rock Refuge	1,076.8				1,076.8		
State	Paintsville Lake SP	184.5			184.5			
	Paintsville Lake WMA	12,244.3			12,244.3			
State F	Panthar SF	7,327.7						7,327.7
State F	Paulding Forest WMA	16,722.8		16,722.8				

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Tennessee	Virginia	West Virginia
State	Phipps Bend Refuge	314.0				314.0		
State	Pickett SP	9.766				9.766		
State	Pickett State Forest & WMA	18,067.0				18,067.0		
State	Pigeon Mountain WMA	18,189.1		18,189.1				
State	Pine Mountain SRP	1,326.4			1,326.4			
State	Pine Mountain WMA	4,600.6			4,600.6			
State	Piney Falls SNA	192.6				192.6		
State	Pinnicle Rock SP	251.0						251.0
State	Pipestem SP	1.9						1.9
	Plum Orchard Public Hunting &							
State	Fishing Area	3,593.3						3,593.3
State	Pond Ridge Site	212.9			212.9			
State	Pot Hollow Site	10.6			10.6			
State	Prentice Cooper SF	24,551.5				24,551.5		
State	Prentice Cooper SF & WMA	1,811.3				1,811.3		
State	Rankin Bottom WMA	711.8				711.8		
	Red Clay Council Ground State							
State	Historic Area	70.8				70.8		
State	Red Top Mountain SP	1,641.6		1,641.6				
State	Rickwood Caverns SP	385.5	385.5					
State	Riversmeet WMA	732.4				732.4		
State	Rocky Face Mountain Site	8.686			936.8			
State	Royal Blue WMA	51,949.5				51,949.5		
State	Savage Gulf SNA	11,197.0				11,197.0		
State	Scott SF	2,832.6				2,832.6		
State	Seminary Branch Site	278.9			278.9			
State	Soddy Creek WMA	93.7				93.7		
State	South Cumberland SP	135.9				135.9		
State	South Mouse Creek WMA	166.6				166.6		
State	Stinging Fork Pocket Wilderness SNA	103.3				103.3		
	Summersville Lake Public Hunting &							
State	Fishing Area	27,092.0						27,092.0
State	Sundquist WMA	79,394.5				79,394.5		
State	Tackett Creek WMA	18,560.5				18,560.5		
State	Talking Rock WMA	37,695.5		37,695.5				
State	Talladega NF	87.5	87.5					

Owner	Public Land	Total Acres	Alabama	Georgia	Kentucky	Kentucky   Tennessee	Virginia	West Virginia
State	Tellico Lake WMA	60,152.1				60,152.1		
State	Thief Neck Island WMA	75.5				75.5		
State	Tight Hollow Site	388.5			388.5			
State	Twin Falls SP	3,646.0						3,646.0
State	Tygarts SF	781.8			781.8			
State	Volunteer Ordnance Works WMA	7,338.9				7,338.9		
	Wallback Public Hunting & Fishing							
State	Area	1,157.0						1,157.0
State	Warriors Park SRA	0.896				0.896		
State	Whites Mill Refuge	52.0				52.0		
State	Yatesville Lake SP	821.2			821.2			
State	Zahnd SNA	142.8		142.8				