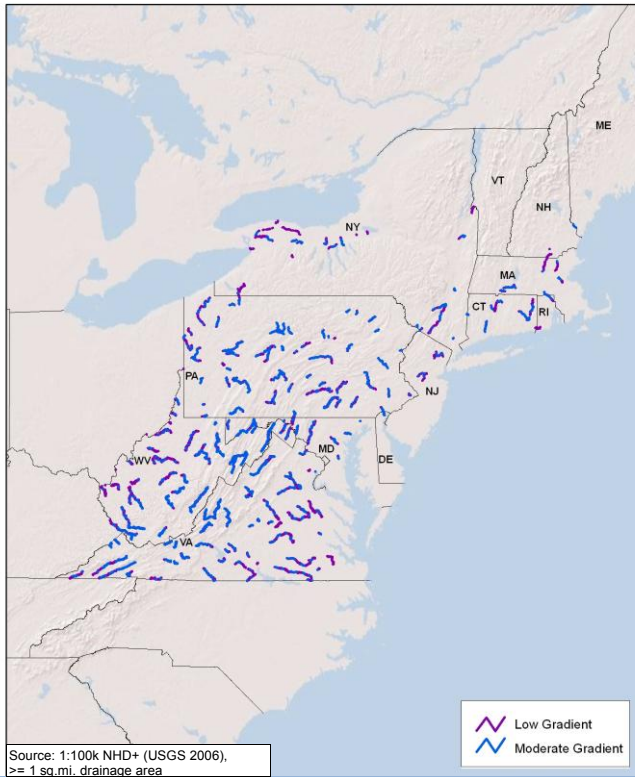


# Warm, Medium River

## Macrogroup: Medium River

This map is based on a model and has had little field-checking. Contact your State Natural Heritage Ecologist or State Fish Game Agency for more information about this habitat.



Shavers Fork, © Tim Kiser

### Description:

Warm, medium-sized rivers of the low elevation north and of the Mid-Atlantic. These medium sized rivers drain watersheds up to 1000 sq.mi. in size and have an average bankfull width of 115 feet. Slower moving, lower gradient sections of these rivers are expected to be more unconfined with higher sinuosity, broader floodplain valleys, more riparian wetlands, and lower width/depth ratios than the more moderate gradient portions. Warm water temperatures in these rivers means the fish community will contain a higher proportion of warmwater species relative to coolwater species. These systems are unlikely to support any resident coldwater species. Examples of this type in the region include French Creek, Conodoguinet Creek, North Branch Potomac, Cacapon, North Fork Shenandoah, Lieelt Kanawah, Elk, Mattaponi, Greenbrier, Appomattox, Guyandote, Tug Fork, Meherrin, Clinch, and North Fork Holston.

**State Distribution:** CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VA, WV

**Total Habitat (mi):** 4,953

**% Conserved:** 8.8 Unit = Acres of 100m Riparian Buffer

| State | State Habitat % | Miles of Habitat | Acres GAP 1 - 2 | Acres GAP 3 | Total Acres Unsecured |
|-------|-----------------|------------------|-----------------|-------------|-----------------------|
| VA    | 31              | 1566             | 11              | 43          | 953                   |
| WV    | 25              | 1272             | 11              | 60          | 761                   |
| PA    | 25              | 1245             | 37              | 29          | 737                   |
| NY    | 8               | 379              | 5               | 5           | 228                   |
| MD    | 4               | 203              | 20              | 19          | 92                    |
| CT    | 2               | 116              | 1               | 11          | 63                    |
| MA    | 2               | 98               | 5               | 9           | 47                    |
| NJ    | 1               | 70               | 9               | 3           | 32                    |
| RI    | 1               | 26               | 3               | 1           | 11                    |
| NH    | 0               | 15               | 0               | 2           | 7                     |
| DE    | 0               | 7                | 0               | 1           | 3                     |
| ME    | 0               | 5                | 0               | 0           | 3                     |

### Similar Habitat Types:

Cool and cold medium rivers are also found in the region. Warm medium rivers typically flow into larger warm rivers or directly to the coast.

### Places to Visit this Habitat:

Patuxent River, Patuxent River State Park | MD Patapsco River, Patapsco Valley State Park | MD Roanoke River, Wasena | VA French Creek, French Creek State Park | PA Greenbrier River, Monongahela National Forest | WV

## Associated Fish:

**Most Abundant:** bluntnose minnow, redbreast sunfish, rock bass, central stoneroller, spottail shiner, white sucker, smallmouth bass, american eel, northern hog sucker, greenside darter, spottin shiner, white shiner, pumpkinseed, common shiner, river chub, bluegill, telescope shiner, margined madtom, mimic shiner, swallowtail shiner, bluehead chub, tessellated darter, redline darter, rosyface shiner.  
**Less Abundant:** tennessee shiner, largemouth bass, fantail darter, roanoke darter, longnose dace, banded darter, cutlip minnow, satinfish shiner, yellow bullhead, golden redbreast, striped shiner, green sunfish, yellow perch, creek chub, bigmouth chub, rainbow darter, fallfish, gizzard shad, banded sculpin, whitetail shiner, banded killifish, eastern silvery minnow, shield darter, johnny darter, white perch, longear sunfish, variegate darter, warpaint shiner, bull chub, logperch, black redbreast, comely shiner.

## Species of Concern (G1 - G4):

**Fishes:** slender chub, yellowfin madtom, cheat minnow, roanoke logperch, spottin chub, ashy darter, golden darter, spotted darter, roughhead shiner, orangefin madtom, blotchside logperch, sickle darter, western sand darter, sharphead darter, candy darter, tippecanoe darter, ohio lamprey, mountain brook lamprey, popeye shiner, northern madtom, longhead darter, fatlips minnow, kanawha minnow, eastern sand darter, black sculpin, potomac sculpin, bluebreast darter, bluespar darter, swannanoa darter, northern brook lamprey, american brook lamprey, river redbreast, bigmouth chub, new river shiner, mirror shiner, mountain madtom, tangerine darter, channel darter, gilt darter, appalachia darter, stripeback darter, paddlefish

**Crayfish, Mussels, and Snails:** elk river crayfish, big sandy crayfish, fanshell, dromedary pearl mussel, cumberlandian combshell, oyster mussel, finereyed pigtoe, cracking pearl mussel, birdwing pearl mussel, virginia pigtoe, littlewing pearl mussel, james spiny mussel, rough pigtoe, cumberland monkeyface, appalachian monkeyface, purple bean, cumberland bean, yellow lance, atlantic pigtoe, pink mucket, clubshell, tennessee clubshell, pyramid pigtoe, tennessee pigtoe, slabside pearl mussel, black sandshell, fluted kidneyshell, rayed bean, brook floater, spectaclecase, roanoke slabshell, snuffbox, longsolid, yellow lamp mussel, tennessee heelsplitter, green floater, sheepsnose, rabbitsfoot, salamander mussel, purple lilliput, tan riffleshell, northern riffleshell, rough rabbitsfoot, green blossom, elktoe, triangle floater, slippershell mussel, northern lance, eastern pond mussel, round hickorynut, ohio pigtoe, round pigtoe, kidneyshell, pistolgripspiny riversnail  
 See Appendix 2 for scientific names

## Crosswalk to State Names:

**New York:** Confined river, Unconfined river, Backwater slough.  
**Pennsylvania:** Atlantic Basin Fish Warmwater Community 2, Ohio-Great Lakes Basins Fish Warmwater Stream Community



Rock bass, © Pen Waggener

