

ANIMAL SPECIES TARGET SUMMARIES WITH MAPS

The following summaries of the primary animal species targets chosen in the North Atlantic Coast ecoregional assessment offer a quick view of their distribution within the ecoregion. As such, this document accompanies the “Species Targets” chapter of the NAC report, which provides the details of assessment methods and results.

For each species, of the populations or *occurrences* that were evaluated, the number that met the selection criteria and the number that did not are given and are shown in black and grey, respectively, on an outline map of the ecoregion. The summaries follow the order in which results are reported.

Non-Avian Vertebrate Species Targets in the North Atlantic Coast
Ecoregion
Mammals, Reptiles and Amphibians
Distribution Maps
(Portfolio examples shown in black)

MAMMALS

Delmarva Fox Squirrel (*Sciurus niger cinereus*)

0 populations assessed

No Element Occurrence Data Available.

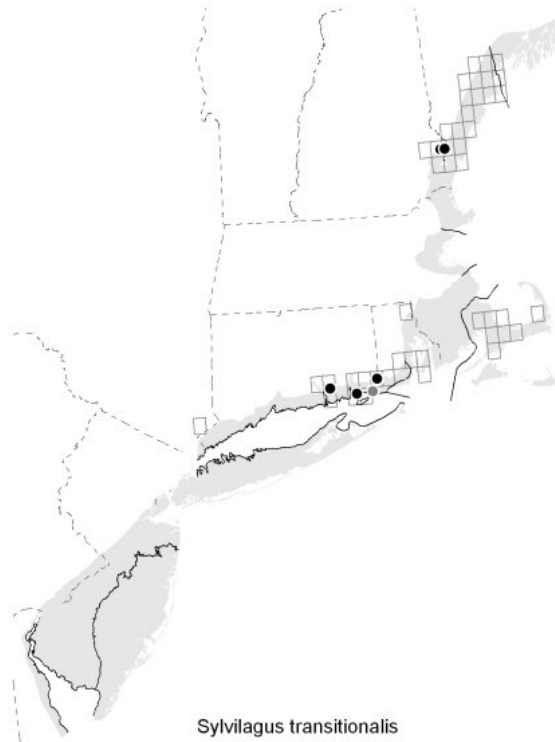
New England Cottontail (*Sylvilagus transitionalis*)

6 populations assessed

5 met criteria as critical occurrences
(black)

1 below criteria (gray)

Also shown on this map are USGS quads
in NAC where scat of *Sylvilagus
transitionalis* have been located (data
provided by John Livaitis, UNH)



REPTILES & AMPHIBIANS

Timber rattlesnake (*Crotalus horridus*)

1 populations assessed

0 met criteria as critical occurrences
(black)

1 below criteria (gray)

Crotalus horridus occurrence points in NJ were not available, but this species is known to exist in the NJ Pine Barrens.



Blanding's turtle (*Emydoidea blandingii*)

35 populations assessed

13 met criteria as critical occurrences
(black)

1 maybe, 12 not enough information, 9
blanks (gray)



Bog Turtle (*Glyptemys muhlenbergii*)

28 populations assessed

4 met criteria as critical occurrences
(black)

13 below criteria and 11 maybe (gray)



Bird Species Targets in the North Atlantic Coast Ecoregion

Distribution Maps

(Portfolio examples shown in black)

Saltmarsh Sharp-tailed sparrow (*Ammodramus caudacutus*)

- 8 locations assessed
- 0 met criteria as critical occurrences (black)
- 8 below criteria (gray)



Upland sandpiper (*Bartramia longicauda*)

- 41 locations assessed
- 8 met criteria as critical occurrences (black)
- 33 below criteria (gray)



Red knot (*Calidris canutus*)

10 locations assessed
10 met criteria as critical occurrences (black)
0 below criteria (gray)



Piping plover (*Charadrius melodus*)

573 occurrences assessed
120 met criteria as critical occurrences (black)
453 below criteria (gray)



Harlequin duck (*Histrionicus histrionicus*)

10 locations assessed
2 met criteria as critical occurrences (black)
8 below criteria (gray)



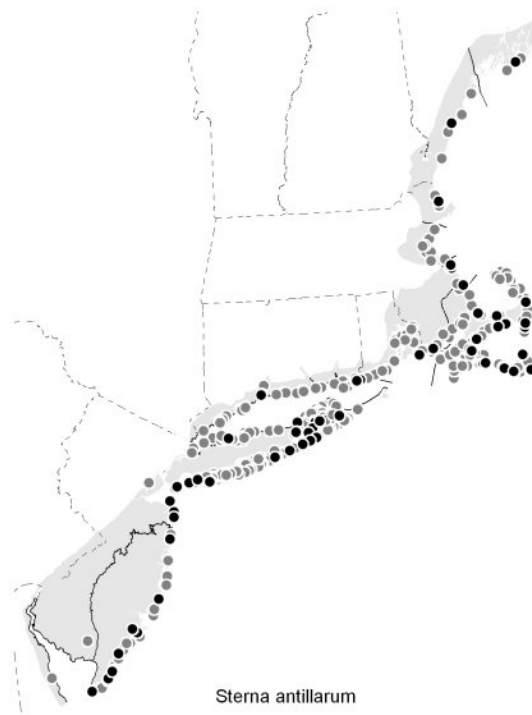
Black Rail (*Laterallus jamaicensis*)

0 locations assessed

No Element Occurrence Data Available.

Least tern (*Sterna antillarum*)

493 locations assessed
61 met criteria as critical occurrences (black)
432 below criteria (gray)



Roseate tern (*Sterna dougallii*)

150 locations assessed

14 met criteria as critical occurrences
(black)

136 below criteria (gray)



Terrestrial Invertebrate Species Targets in the North Atlantic Coast
Ecoregion
Distribution Maps
(Portfolio examples shown in black)

Buchholz's Dart Moth (*Agrotis buchholzi*)

- 9 occurrences assessed
- 9 met criteria as critical occurrences (black)
- 0 below criteria (gray)



Agrotis buchholzi

Arogos Skipper (*Atrytone arogos arogos*)

- 2 occurrences assessed
- 2 met criteria as critical occurrences (black)
- 0 below criteria (gray)



Atrytone arogos arogos

Myrina Fritillary (*Boloria selene myrina*)

0 occurrences assessed

No element occurrence data available.

Frosted Elfin (*Callophrys irus*)

19 occurrences assessed

14 met criteria as critical occurrences (black)

5 below criteria (gray)



Precious Underwing (*Catocala pretiosa pretiosa*)

19 occurrences assessed

16 met criteria as critical occurrences (black)

2 below criteria and 1 not enough information (gray)



**Northeastern Beach Tiger Beetle
(*Cicindela dorsalis dorsalis*)**

9 occurrences assessed
2 met criteria as critical occurrences
(black)
7 below criteria (gray)



Little White Tiger Beetle (*Cicindela lepada*)

0 occurrences assessed

No Element Occurrence Data Available.

A Tiger Beetle (*Cicindela patruela consentanea*)

10 occurrences assessed
0 met criteria as critical occurrences
(black)
10 below criteria (gray)



A Tiger Beetle (*Cicindela patruela patruela*)

- 1 occurrences assessed
- 1 met criteria as critical occurrences (black)
- 0 below criteria (gray)



Daecke's Pyralid Moth (*Crambus daeckellus*)

- 4 occurrences assessed
- 4 met criteria as critical occurrences (black)
- 0 below criteria (gray)



A Geometrid Moth (*Cyclophora* sp. 1)

- 0 occurrences assessed

No Element Occurrence Data Available.

Persius Dusky Wing (*Erynnis persius persius*)

- 6 occurrences assessed
- 2 met criteria as critical occurrences (black)
- 4 below criteria (gray)



Schweitzer's Buckmoth (*Hemileuca nevadensis* subsp.)

0 occurrences assessed

No Element Occurrence Data Available.

Seminole Skipper (*Hesperia attalus slossonae*)

0 occurrences assessed

No Element Occurrence Data Available.

Leonard's Skipper (*Hesperia leonardus*)

0 occurrences assessed

No Element Occurrence Data Available.

Bronze Copper (*Lycaena hyllus*)

0 occurrences assessed

No Element Occurrence Data Available.

(*Meropleon cosmion*)

0 occurrences assessed

No Element Occurrence Data Available.

A Noctuid Moth (*Meropleon titan*)

2 occurrences assessed

1 met criteria as critical occurrences
(black)

1 below criteria (gray)



**Barrens Metarranthis Moth
(*Metarranthis apiciaria*)**

5 occurrences assessed
5 met criteria as critical occurrences
(black)
0 below criteria (gray)



American Burying Beetle (*Nicrophorus americanus*)

22 occurrences assessed
10 met criteria as critical occurrences
(black)
12 below criteria (gray)



**Maritime Sunflower Borer Moth
(*Papaipema maritima*)**

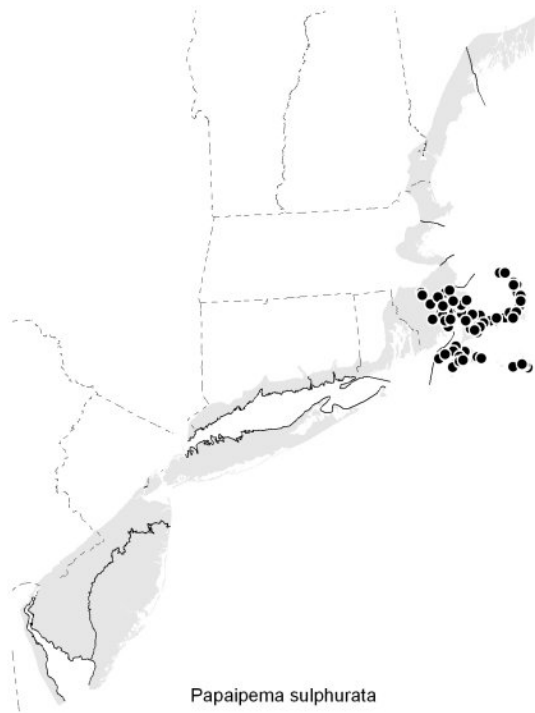
2 occurrences assessed
0 met criteria as critical occurrences
(black)
2 below criteria (gray)



Papaipema maritima

Decodon Stem Borer Moth (*Papaipema sulphurata*)

79 occurrences assessed
79 met criteria as critical occurrences
(black)
0 below criteria (gray)



Papaipema sulphurata

(*Parapamea buffaloensis*)

0 occurrences assessed

No Element Occurrence Data Available.

A Noctuid Moth (*Ptichodis bistrigata*)

0 occurrences assessed

No Element Occurrence Data Available.

A Noctuid Moth (*Richia* sp. 2)

0 occurrences assessed

No Element Occurrence Data Available.

Golden Aster Flower Moth (*Schinia tuberculum*)

3 occurrences assessed

0 met criteria as critical occurrences
(black)

3 below criteria (gray)



A Noctuid Moth (*Spartiniphaga carterae*)

13 occurrences assessed

13 met criteria as critical occurrences
(black)

0 below criteria (gray)



Aquatic Species Targets in the North Atlantic Coast Ecoregion
Distribution Maps
(Portfolio examples shown in black)

AQUATIC INVERTEBRATES

Brook floater (*Alasmidonta varicosa*)

- 3 occurrences assessed
- 1 met criteria as critical occurrences (black)
- 2 below criteria (gray)



Alasmidonta varicosa

Little Bluet (*Enallagma minuscolum*)

- 4 occurrences assessed.
- 1 met criteria as critical occurrences (black)
- 3 below criteria (gray)



Enallagma minuscolum

Scarlet Bluet (*Enallagma pictum*)

29 occurrences assessed.
5 met criteria as critical occurrences (black)
1 maybe, 23 blank (gray)



Enallagma pictum

Pine Barrens Bluet (*Enallagma recurvatum*)

98 occurrences assessed.
54 met criteria as critical occurrences (black)
32 maybe, 1 not enough information,
11 below criteria (gray)



Enallagma recurvatum

Robust baskettail (*Epitheca spinosa*)

0 occurrences assessed.

No Element Occurrence Data Available.

Banner Clubtail (*Gomphus apomyius*)

0 occurrences assessed.

No Element Occurrence Data Available.

Tidewater Mucket (*Leptodea ochracea*)

32 occurrences assessed.

9 met criteria as critical occurrences (black)

11 maybe, 2 blanks, 10 below criteria (gray)



Coppery emerald (*Somatochlora georgiana*)

4 occurrences assessed.

1 met criteria as critical occurrences (black)

1 maybe, 1 not enough information, 1 below criteria (gray)



Treetop emerald (*Somatochlora provocans*)

10 occurrences assessed.
0 met criteria as critical occurrences (black)
10 maybe (gray)



Smooth Branched Sponge (*Spongilla aspinosa*)

1 occurrence assessed.
0 met criteria as critical occurrences (black)
1 maybe (gray)



Gray petaltail (*Tachopteryx thoreyi*)

0 occurrences assessed.

No Element Occurrence Data Available.

Ringed boghaunter (*Williamsonia lintneri*)

27 occurrences assessed.
5 met criteria as critical occurrences (black)
7 maybe or ?, 9 below criteria and 6 blank (gray)



AQUATIC VERTEBRATES

RESIDENT FISH

Bridle Shiner (*Notropis bifrenatus*)

20 occurrences assessed
7 met criteria as critical occurrences (black)
13 below criteria (gray)



MIGRATORY FISH

Shortnose sturgeon (*Acipenser brevirostrum*)

- 1 occurrences assessed
- 1 met criteria as critical occurrences (black)
- 0 below criteria (gray)



Atlantic sturgeon (*Acipenser oxyrinchus*)

- 8 occurrence assessed
- 2 met criteria as critical occurrences (black)
- 6 below criteria (gray)



Blueback herring (*Alosa aestivalis*)

- 0 occurrences assessed

No Element Occurrence Data Available.

Hickory shad (*Alosa mediocris*)

0 occurrences assessed

No Element Occurrence Data Available.

Alewife (*Alosa pseudoharengus*)

1 occurrences assessed

1 met criteria as critical occurrences
(black)

0 below criteria (gray)



American shad (*Alosa sapidissima*)

0 occurrences assessed

No Element Occurrence Data Available.

American eel (*Anguilla rostrata*)

0 occurrences assessed

No Element Occurrence Data Available.

Rainbow smelt (*Osmerus mordax*)

2 occurrences assessed

2 met criteria as critical occurrences
(black)

0 below criteria (gray)



Atlantic salmon (ana dromous) (*Salmo salar*)

0 occurrences assessed

No Element Occurrence Data Available.

Sea run brook trout (*Salvelinus fontinalis*)

4 occurrences assessed

4 met criteria as critical occurrences
(black)

0 below criteria (gray)

