

New York State Department of Environmental Conservation

2025 Revision of the New York State Wildlife Action Plan

This form is to be used to nominate a new species for consideration as a Species of Greatest Conservation Need (SGCN) in New York's 2025 State Wildlife Action Plan (SWAP). SGCN are species native to New York State that are currently experiencing threats likely to jeopardize the future of their population in New York if action is not taken within the next 10 years.

More information on New York's SWAP can be found on [DEC's website](#)

All content should include as much detail as possible supporting the designation of a species as a new SGCN. Science-driven information supported by data and references will greatly aid in creating a robust species status assessment and a relevant SGCN list for the 2025 SWAP.

Please populate one form per species and email to nyswap2025@dec.ny.gov with "New SGCN" in the subject line by June 17, 2024.

Completed forms may also be sent to:

SWAP Coordinator
Division of Fish and Wildlife
NYSDEC
625 Broadway
Albany, NY 12233-4754

Species Status Assessment

Common Name:

Date:

Scientific Name:

Proposed By:

Class:

Family:

Species Synopsis *(a short paragraph which describes species taxonomy, distribution, recent trends, and habitat in New York):*

I. Status

a. Current legal protected Status

i. Federal: _____ Candidate: _____

ii. New York: _____

b. Natural Heritage Program

i. Global: _____

ii. New York: _____ Tracked by NYNHP?: _____

Other Ranks:

Status Discussion:

II. Abundance and Distribution Trends

| Region | Present? | Abundance | Distribution | Time Frame | Listing status | SGCN? |
|-----------------|-----------------|-----------------|-----------------|------------|----------------|-----------------|
| North America | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Northeastern US | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| New York | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Connecticut | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Massachusetts | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| New Jersey | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Pennsylvania | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |

| Region | Present? | Abundance | Distribution | Time Frame | Listing status | SGCN? |
|---------|-----------------|-----------------|-----------------|------------|----------------|-----------------|
| Vermont | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Ontario | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |
| Quebec | Choose an item. | Choose an item. | Choose an item. | | | Choose an item. |

Column options

Present?: Yes; No; Unknown; No data; (blank) or Choose an Item

Abundance and Distribution: Declining; Increasing; Stable; Unknown; Extirpated; N/A; (blank) or Choose an item

SGCN?: Yes; No; Unknown; (blank) or Choose an item

Monitoring in New York (specify any monitoring activities or regular surveys that are conducted in New York):

Trends Discussion (insert map of North American/regional distribution and status):

Figure 1. (species) distribution in (North America/US/northeast) (source, date)

Figure 2. (species) status in (North America/US/northeast) (source, date)

III. New York Rarity (provide map, numbers, and percent of state occupied)

Figure 3. Range map of (species) in New York (source, date)

Figure 4+. (Any additional maps, charts or tables (title, source, date))

| Years | # of Records/ Individuals | # of Locations/ Watersheds/ Distinct Populations | % of State |
|-------------|------------------------------|---|------------|
| Pre-1995 | _____ | _____ | _____ |
| 1995-2004 | _____ | _____ | _____ |
| 2005-2014 | _____ | _____ | _____ |
| 2015 - 2023 | _____ | _____ | _____ |

Table 1. Records of (species) in New York.

Details of historic and current occurrence:

New York's Contribution to Species North American Range:

| Percent of North American Range in NY | Classification of NY Range | Distance to core population, if not in NY |
|---------------------------------------|----------------------------|---|
| Choose an item. | Choose an item. | |

Column options

Percent of North American Range in NY: 100% (endemic); 76-99%; 51-75%; 26-50%; 1-25%; 0%; Choose an item

Classification of NY Range: Core; Peripheral; Disjunct; (blank) or Choose an item

IV. Primary Habitat or Community Type *(from NY crosswalk of NE Aquatic, Marine, or Terrestrial Habitat Classification Systems):*

a.

b.

Habitat or Community Type Trend in New York

| Habitat Specialist? | Indicator Species? | Habitat/Community Trend | Time frame of Decline/Increase |
|---------------------|--------------------|-------------------------|--------------------------------|
| Choose an item. | Choose an item. | Choose an item. | |

Column options

Habitat Specialist and Indicator Species: Yes; No; Unknown; (blank) or Choose an item

Habitat/Community Trend: Declining; Stable; Increasing; Unknown; (blank) or Choose an item

Habitat Discussion:

V. Species Demographic, and Life History:

| Breeder in NY? | Non-breeder in NY? | Migratory Only? | Summer Resident? | Winter Resident? | Anadromous/Catadromous? |
|-----------------|--------------------|-----------------|------------------|------------------|-------------------------|
| Choose an item. | Choose an item. | Choose an item. | Choose an item. | Choose an item. | Choose an item. |

Column options

First 5 fields: Yes; No; Unknown; (blank) or Choose an item

Anadromous/Catadromous: Anadromous; Catadromous; (blank) or Choose an item

Species Demographics and Life History Discussion *(include information about species life span, reproductive longevity, reproductive capacity, age to maturity, and ability to disperse and colonize):*

VI. Threats (from NY 2015 SWAP or newly described):

Are there regulatory mechanisms that protect the species or its habitat in New York?

Yes: _____ No: _____ Unknown: _____

If yes, describe mechanism and whether adequate to protect species/habitat:

Describe knowledge of management/conservation actions that are needed for recovery/conservation, or to eliminate, minimize, or compensate for the identified threats:

Complete Conservation Actions table using IUCN conservation actions taxonomy at link below. Use headings 1-6 for Action Category (e.g., Land/Water Protection) and associated subcategories for Action (e.g., Site/Area Protection) - <https://www.iucnredlist.org/resources/conservation-actions-classification-scheme>

| Conservation Actions | |
|----------------------|--------|
| Action Category | Action |
| 1. | |
| 2. | |

Table 2. Recommended conservation actions for (species). (add more lines as needed)

VII. References