

Neurocordulia michaeli* (Broad-tailed Shadowdragon)*Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Odonata* (Dragonflies And Damselflies)**Family:** *Corduliidae* (Emeralds)**General comments:**

Moderate vulnerability rank in Conservation Assessment by White et al.; seemingly secure with 27 rivers

Species Conservation Range Maps for Broad-tailed Shadowdragon:Town Map: [Neurocordulia michaeli_Towns.pdf](#)Subwatershed Map: [Neurocordulia michaeli_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation:** NA**State Special Concern or NMFS Species of Concern:** NA**Recent Significant Declines:** NA**Regional Endemic:** NA**High Regional Conservation Priority:**

Northeast Odonate Conservation Assessment:

Vulnerability: Moderate, Responsibility: Primary

Notes: Occurs in one or two states only

High Climate Change Vulnerability: NA**Understudied rare taxa:** NA**Historical:** NA**Culturally Significant:** NA**Habitats Assigned to Broad-tailed Shadowdragon:****Formation Name** Boreal Upland Forest

Macrogroup Name Boreal Upland Forest

Formation Name Freshwater Aquatic

Macrogroup Name Rivers and Streams

Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

Stressors Assigned to Broad-tailed Shadowdragon:

No Stressors Currently Assigned to Broad-tailed Shadowdragon or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Broad-tailed Shadowdragon:

No Species Specific Conservation Actions Currently Assigned to Broad-tailed Shadowdragon or other Priority 3 SGCN.

Conservation Actions Associated with the Riverine Odonates Guild:**Conservation Action** **Category:** Research **Biological Priority:** high **Type:** new

Prepare a statewide atlas and conservation assessment.

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

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Order: *Odonata* (Dragonflies And Damselflies)

Family: *Corduliidae* (Emeralds)

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.