



Insects

Tule Bluet

Enallagma carunculatum

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insects (*Insecta*)

Order: Dragonflies And Damselflies (*Odonata*)

Family: Narrow-winged Damselflies (*Coenagrionidae*)



General comments:

Only 4-5 known ponds; moderate abundance of un-surveyed habitat

Species Conservation Range Maps:

Town Map: [Enallagma carunculatum_Towns.pdf](#)

Subwatershed Map: [Enallagma carunculatum_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

State Special Concern:	Tule Bluet is listed as a species of Special Concern in Maine.
Understudied Rare Taxa:	Recently documented or poorly surveyed rare species for which risk of extirpation is potentially high (e.g. few known occurrences) but insufficient data exist to conclusively assess distribution and status. *criteria only qualifies for Priority 3 level SGCN* Notes:

Habitat Associations:

Formation: Freshwater Aquatic

Macrogroup: Lentic

Macrogroup: Lotic

Formation: Freshwater Marsh

Macrogroup: Eastern North American Marsh, Wet Meadow & Shrubland

Threats

No Threats Currently Assigned to Tule Bluet or other Priority 3 SGCN.

Species Level Conservation Actions:

No Species Specific Conservation Actions Currently Assigned to Tule Bluet or other Priority 3 SGCN.

Conservation Actions Associated with the Lacustrine Odonates Guild:

Tule Bluet *Enallagma carunculatum*

Priority 3 SGCN



Conservation Action	Category	Biological Priority	Type
Conduct a statewide dragonfly/damselfly atlas project.	Survey and Monitoring	high	completed

Threat(s) Addressed By This Conservation Action

- Education & Outreach
- Lack of knowledge

Conservation Action	Category	Biological Priority	Type
Increase MDIFW staff capacity for survey, research, and conservation of SGCN invertebrates.	Policy	critical	new

Threat(s) Addressed By This Conservation Action

- Education & Outreach
- Lack of knowledge
- Resource Needs

Conservation Action	Category	Biological Priority	Type
Develop/distribute outreach materials to raise public awareness and appreciation of freshwater aquatic insect ecology, threats and conservation needs.	Public Outreach	moderate	on-going

Threat(s) Addressed By This Conservation Action

- Education & Outreach

Conservation Action	Category	Biological Priority	Type
Conduct comprehensive statewide surveys to inform status, distribution, threats, and habitat use.	Survey and Monitoring	high	on-going

Threat(s) Addressed By This Conservation Action

- Lack of knowledge

Conservation Action	Category	Biological Priority	Type
Develop/distribute Best Management Practices for landowners, land managers and conservation partners to avoid and minimize impacts of intensive land use activities (e.g., forestry, stream crossings, agriculture, development, hydro facilities).	Habitat Management	high	on-going

Threat(s) Addressed By This Conservation Action

- Roads and Railroads
- Housing and Urban Areas
- Commercial and Industrial Areas
- Domestic and Urban Waste Water
- Agricultural and Forestry Effluents
- Education & Outreach
- Logging and Wood Harvesting
- Annual and Perennial Non-timber crops

Tule Bluet *Enallagma carunculatum***Priority 3 SGCN**

Conservation Action	Category	Biological Priority	Type
Develop/distribute guidelines and outreach materials to inform conservation partners, land use managers, and the general public about the impacts of pesticides on native insects and to promote the alternative use of Integrated Pest Management practices.	Public Outreach	moderate	on-going

Threat(s) Addressed By This Conservation Action

- Other Threat
- Education & Outreach

Conservation Action	Category	Biological Priority	Type
Analyze results of the Maine Dragonfly & Damselfly Survey, research and incorporate external Maine records (historical and modern), and produce a summary document and conservation assessment.	Research	high	on-going

Threat(s) Addressed By This Conservation Action

- Lack of knowledge

Conservation Action	Category	Biological Priority	Type
Update NatureServe S-ranks for all Maine Odonata based on results of the Maine Damselfly and Dragonfly Survey.	Research	high	completed

Threat(s) Addressed By This Conservation Action

- Lack of knowledge

Broad Taxonomic Group Conservation Actions:

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

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's Wildlife Action Plan: Element 4. 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, threats, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work