

Terrapene carolina carolina* (Eastern Box Turtle)*Priority 2 Species of Greatest Conservation Need (SGCN)**Class: *Reptilia* (Reptiles)Order: *Testudines* (Turtles And Tortoises)Family: *Emydidae* (Pond Turtles)**General comments:**

Little new information; no modern evidence of a natural or viable population; range-wide declines

Species Conservation Range Maps for Eastern Box Turtle:Town Map: [Terrapene carolina carolina_Towns.pdf](#)Subwatershed Map: [Terrapene carolina carolina_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation:**Maine Status: **Endangered**IUCN Red List Status: **Vulnerable****State Special Concern or NMFS Species of Concern: NA****Recent Significant Declines: NA****Regional Endemic: NA****High Regional Conservation Priority:**

Northeast Endangered Species and Wildlife Diversity Technical Committee:

Risk: No, Data: Yes, Area: No, Spec: Yes, Warrant Listing: No, Total Categories with "Yes": 2

Northeast Partners In Amphibian and Reptile Conservation (NEPARC):

Regional Responsibility:< 50 % US Distribution, Concern: >= 75% of States Listed in WAP

High Climate Change Vulnerability: NA**Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Professional Discretion:**

Current criteria ranked *Terrapene carolina carolina* as SGCN priority 1, however, species should be SGCN priority 2 based on professional discretion.

Justification: No modern records or evidence of a resident population; further survey warranted to confirm status

Habitats Assigned to Eastern Box Turtle:**Formation Name Agricultural**Macrogroup Name **Agricultural**

Habitat System Name: Pasture-Hay

Formation Name DevelopedMacrogroup Name **Extractive**

Habitat System Name: Quarries-Pits-Stripmines

Macrogroup Name **Urban-Suburban Built**

Habitat System Name: Residential - Low Intensity

Habitat System Name: Residential - Rural-Sparse

Formation Name Grassland & ShrublandMacrogroup Name **Ruderal Shrubland & Grassland**

Habitat System Name: Introduced Shrubland

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Habitat System Name: Powerline Right-of-Way

Habitat System Name: Ruderal Upland - Old Field

Formation Name Northeastern Upland Forest**Macrogroup Name Central Oak-Pine**

Habitat System Name: Central Appalachian Dry Oak-Pine Forest

Habitat System Name: Central Appalachian Pine-Oak Rocky Woodland

Habitat System Name: North Atlantic Coastal Plain Hardwood Forest

Habitat System Name: North Atlantic Coastal Plain Maritime Forest

Habitat System Name: Northeastern Interior Pine Barrens **Notes:** *generalist that is strongly associated with glacial outwash plains at northern extent of range so may be linked to this and other habitats with similar sand/gravel deposits***Macrogroup Name Exotic Upland Forest**

Habitat System Name: Introduced Upland Vegetation - Tree

Macrogroup Name Northern Hardwood & Conifer

Habitat System Name: Northeastern Coastal and Interior Pine-Oak Forest

Macrogroup Name Plantation and Ruderal Forest

Habitat System Name: Ruderal Forest - Northern and Central Hardwood and Conifer

Formation Name Northeastern Wetland Forest**Macrogroup Name Central Hardwood Swamp**

Habitat System Name: North-Central Interior Wet Flatwoods

Stressors Assigned to Eastern Box Turtle:

Stressor Priority Level based on Severity and Actionability		Moderate Severity	High Severity
	Highly Actionable	Medium-High	High
	Moderately Actionable	Medium	Medium-High
	Actionable with Difficulty	Low	Low

IUCN Level 1 Threat**Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Highly actionable**Notes:** Lack of comprehensive survey effort has prevented ID of any box turtle populations in the state**IUCN Level 1 Threat****Biological Resource Use****IUCN Level 2 Threat:** Hunting and Collecting Terrestrial Animals**Severity:** Moderate Severity**Actionability:** Actionable with difficulty**Notes:** Vulnerable to incidental collection**Species Level Conservation Actions Assigned to Eastern Box Turtle:**None. *Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.***Guild Level Conservation Actions:**

This Species is currently not attributed to a guild.

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Class: *Reptilia* (Reptiles)

Order: *Testudines* (Turtles And Tortoises)

Family: *Emydidae* (Pond Turtles)

Broad Taxonomic Group Conservation Actions:

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.