

Erora laeta (Early Hairstreak)

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: *Insecta* (Insects)
Order: *Lepidoptera* (Butterflies, Skippers, And Moths)
Family: *Lycaenidae* (Gossamer-winged Butterflies)

General comments:

Only 6-8 historic locales; regional declines suspected due to beech blight; further survey effort needed

Species Conservation Range Maps for Early Hairstreak:

Town Map: [Erora laeta_Towns.pdf](#)
 Subwatershed Map: [Erora laeta_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Erora laeta is listed as a species of Special Concern in Maine.

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority: NA

High Climate Change Vulnerability: NA

Understudied rare taxa: NA

Historical:

Species currently listed as state (SH) or global (GH) historical (by MDIFW or NatureServe) that have some reasonable probability of rediscovery with further survey effort.

State Rank: S4?, **Global Rank:** GU, **Rounded Global Rank:** GU, **MDIFW Historical:** Yes

MDIFW Historical Notes: Only 6-8 historic locales; regional declines suspected due to beech blight; further survey effort needed

Culturally Significant: NA

Habitats Assigned to Early Hairstreak:

Formation Name	Northeastern Upland Forest
Macrogroup Name	Northern Hardwood & Conifer
Habitat System Name:	Appalachian (Hemlock)-Northern Hardwood Forest **Primary Habitat** Notes: where extensive stands of host plant (beech, possibly hazelnut) present
Habitat System Name:	Laurentian-Acadian Northern Hardwoods Forest **Primary Habitat** Notes: where extensive stands of host plant (beech, possibly hazelnut) present
Habitat System Name:	Laurentian-Acadian Red Oak-Northern Hardwood Forest **Primary Habitat** Notes: where extensive stands of host plant (beech, possibly hazelnut) present

Stressors Assigned to Early Hairstreak:

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

Erora laeta* (Early Hairstreak)*Priority 2 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Lepidoptera* (Butterflies, Skippers, And Moths)**Family:** *Lycaenidae* (Gossamer-winged Butterflies)**IUCN Level 1 Threat****Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Highly actionable**Notes:** No modern EOs in ME; lack of comprehensive statewide survey effort to identify occurrences and determine species status**IUCN Level 1 Threat****Biological Resource Use****IUCN Level 2 Threat:** Logging and Wood Harvesting**Severity:** Moderate Severity**Actionability:** Moderately actionable**Notes:** The primary habitat is northern hardwood forest with mature beech**IUCN Level 1 Threat****Invasive and Other Problematic Species, Genes and Diseases****IUCN Level 2 Threat:** Invasive Non-native-Alien Species-Diseases**Severity:** Moderate Severity**Actionability:** Actionable with difficulty**Notes:** Beech bark disease (a scale insect and fungal infection)**IUCN Level 1 Threat****Residential and Commercial Development****IUCN Level 2 Threat:** Housing and Urban Areas**Severity:** Moderate Severity**Actionability:** Actionable with difficulty**Notes:** Habitat loss and fragmentation; especially hard to address for this species since we lack spatial data on its occurrences**Species Level Conservation Actions Assigned to Early Hairstreak:**

**Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

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

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

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.

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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.