

Xystocheilus rufago (Red-winged Sallow)

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: *Insecta* (Insects)

Order: *Lepidoptera* (Butterflies, Skippers, And Moths)

Family: *Noctuidae* (Noctuid Moths)

General comments:

2 modern EOs; ME is northern edge of range; may be restricted to pitch pine/scrub oak barrens; could potentially be found on other scrub oak sites in southern ME with additional survey effort

Species Conservation Range Maps for Red-winged Sallow:

Town Map: [Xystocheilus rufago_Towns.pdf](#)

Subwatershed Map: [Xystocheilus rufago_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Xystocheilus rufago 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:

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:

Historical: NA

Culturally Significant: NA

Habitats Assigned to Red-winged Sallow:

Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

Habitat System Name: Central Appalachian Dry Oak-Pine Forest **Notes:** *potential; where host plant (scrub oak) present*

Habitat System Name: Northeastern Interior Pine Barrens ****Primary Habitat**** **Notes:** *where host plant (scrub oak) present*

Macrogroup Name Northern Hardwood & Conifer

Habitat System Name: Northeastern Coastal and Interior Pine-Oak Forest **Notes:** *potential; where host plant (scrub oak) present*

Stressors Assigned to Red-winged Sallow:

No Stressors Currently Assigned to Red-winged Sallow or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Red-winged Sallow:

No Species Specific Conservation Actions Currently Assigned to Red-winged Sallow or other Priority 3 SGCN.

Conservation Actions Associated with the Dry Barrens Lepidoptera Guild:

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Conservation Action

Category: Species Management

Biological Priority: critical

Type: new

Prepare occurrence maps and pesticide spray consultation guidelines for rare Lepidoptera and distribute to strategic partners including Maine Bureau of Pesticides Control.

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

Conservation Action

Category: Habitat Management

Biological Priority: critical

Type: new

Conduct a statewide review of potential high quality barrens habitat that is threatened by succession and identify strategic habitat restoration actions for implementation by key conservation partners.

Stressor(s) Addressed By This Conservation Action

Fire and Fire Suppression

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.