

Psectraglaea carnosa (Pink Sallow)

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: *Insecta* (Insects)

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

Family: *Noctuidae* (Noctuid Moths)

General comments:

1 modern EO; species has experienced large declines throughout much of NE range from habitat loss; G3; may require large, properly managed (i.e. fire) barrens - which are rare in ME; should be looked for again in other ME pitch pine/scrub oak barrens; easy to ID and not likely overlooked; potential use of bog and other barren habitats needs to be investigated

Species Conservation Range Maps for Pink Sallow:

Town Map: [Psectraglaea carnosa Towns.pdf](#)

Subwatershed Map: [Psectraglaea carnosa_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Psectraglaea carnosa 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:

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: SH, Global Rank: G3, Rounded Global Rank: G3, MDIFW Historical: NA

Culturally Significant: NA

Habitats Assigned to Pink Sallow:

Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

Habitat System Name: Central Appalachian Dry Oak-Pine Forest **Notes:** *potential; where host plants present (believed to be small oaks, blueberry and Rosaceaa spp)*

Habitat System Name: Northeastern Interior Pine Barrens ****Primary Habitat**** **Notes:** *where host plants present (believed to be small oaks, blueberry and Rosaceaa spp)*

Macrogroup Name Northern Hardwood & Conifer

Habitat System Name: Northeastern Coastal and Interior Pine-Oak Forest **Notes:** *potential; where host plants present (believed to be small oaks, blueberry and Rosaceaa spp)*

Stressors Assigned to Pink Sallow:

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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 Natural Systems Modifications

IUCN Level 2 Threat: Fire and Fire Suppression

Severity: Severe **Actionability:** Moderately actionable

Notes: Pine barren habitat is fire dependent - fire suppression can alter successional stage and habitat availability over time; fire can cause direct mortality

IUCN Level 1 Threat Other Options

IUCN Level 2 Threat: Lack of knowledge

Severity: Moderate Severity **Actionability:** Highly actionable

Notes: Only 1 modern EO; lack of comprehensive survey effort, including outside PPSO barrens, to identify occurrences and determine species status

IUCN Level 1 Threat Pollution

IUCN Level 2 Threat: Agricultural and Forestry Effluents

Severity: Moderate Severity **Actionability:** Highly actionable

Notes: Nontarget species impacts from aerial pesticides; especially control efforts for gypsy moth in southern ME

IUCN Level 1 Threat Residential and Commercial Development

IUCN Level 2 Threat: Housing and Urban Areas

Severity: Severe **Actionability:** Moderately actionable

Notes: Habitat loss and fragmentation; pine barren habitat is prime land for development in southern ME

IUCN Level 1 Threat Agriculture and Aquaculture

IUCN Level 2 Threat: Annual and Perennial Non-timber crops

Severity: Moderate Severity **Actionability:** Moderately actionable

Notes: Some barren habitat is being converted to intensive blueberry production

IUCN Level 1 Threat Energy Production and Mining

IUCN Level 2 Threat: Mining and Quarrying

Severity: Moderate Severity **Actionability:** Moderately actionable

Notes: Habitat loss (e.g., sand and gravel extraction)

IUCN Level 1 Threat Residential and Commercial Development

IUCN Level 2 Threat: Commercial and Industrial Areas

Severity: Moderate Severity **Actionability:** Moderately actionable

Notes: Habitat loss and fragmentation; pine barren habitat is prime land for development in southern ME

IUCN Level 1 Threat Transportation and Service Corridors

IUCN Level 2 Threat: Roads and Railroads

Severity: Moderate Severity **Actionability:** Moderately actionable

Notes: Habitat loss and fragmentation; pine barren habitat is prime land for development in southern ME

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Species Level Conservation Actions Assigned to Pink Sallow:

None. *Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

Conservation Actions Associated with the Dry Barrens Lepidoptera Guild:

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.