

Broad Sallow *Xylotype capax*

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: Insects *Insecta*

Order: Butterflies, Skippers, And Moths *Lepidoptera*

Family: Noctuid Moths *Noctuidae*

General comments:

2 extant EOs; occurs almost exclusively in large pitch pine stands, either in barrens or oak-pine forests; PP/PPSO barrens rare in ME; at northern edge of range; very local in occurrence; survey effort moderate in PPSO barrens, but oak-pine forests in southern ME have not been adequately surveyed for this species

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Xylotype capax 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

Habitats Associated with Broad 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 (blueberry, scrub(?) oak, <i>Prunus</i> sp.) present
Habitat System Name:	Northeastern Interior Pine Barrens **Primary Habitat**
	Notes: where host plants (blueberry, scrub(?) oak, <i>Prunus</i> sp.) present
Macrogroup Name	Northern Hardwood & Conifer
Habitat System Name:	Northeastern Coastal and Interior Pine-Oak Forest
	Notes: potential; where host plants (blueberry, scrub(?) oak, <i>Prunus</i> sp.) present

No Stressors Currently Associated with Broad Sallow

Species Conservation Range Maps for Broad Sallow:

Town Map: [Xylotype capax_Towns.pdf](#)

Subwatershed Map: [Xylotype capax_HUC12.pdf](#)