

Species of Greatest Conservation Need (SGCN) Habitat Associations

Macrogroup: Northeastern Floodplain Forest

Habitat Systems within Macrogroup:

Laurentian-Acadian Floodplain Systems

Northeastern Floodplain Forest Macrogroup - Unknown Habitat System (i.e. Macrogroup)

Description: Wooded floodplain wetlands of the northeast (excluding those of southern character above)

SGCN Associated With This Habitat

Total SGCN: 1: 5 2: 8 3: 21

Class	Amphibians <i>Amphibia</i>	SGCN Category
Species	Blue-spotted Salamander <i>Ambystoma laterale</i>	2
Species	Northern Leopard Frog <i>Lithobates pipiens</i>	2
Class	Birds <i>Aves</i>	SGCN Category
Species	American Redstart <i>Setophaga ruticilla</i>	2
Species	Baltimore Oriole <i>Icterus galbula</i>	3
Species	Black-and-white Warbler <i>Mniotilta varia</i>	2
Species	Broad-winged Hawk <i>Buteo platypterus</i>	3
Species	Canada Warbler <i>Cardellina canadensis</i>	2
Species	Eastern Screech-owl <i>Megascops asio</i>	3
Species	Great Blue Heron <i>Ardea herodias</i>	2
Species	Least Flycatcher <i>Empidonax minimus</i>	3
Species	Louisiana Waterthrush <i>Parkesia motacilla</i>	3
Species	Northern Flicker <i>Colaptes auratus</i>	3
Species	Northern Parula <i>Setophaga americana</i>	3
Species	Purple Finch <i>Haemorhous purpureus</i>	3
Species	Rose-breasted Grosbeak <i>Pheucticus ludovicianus</i>	3
Species	Rusty Blackbird <i>Euphagus carolinus</i>	1
Species	Swainson's Thrush <i>Catharus ustulatus</i>	3
Species	Veery <i>Catharus fuscescens</i>	2
Species	Yellow Warbler <i>Setophaga petechia</i>	3
Class	Insects <i>Insecta</i>	SGCN Category
Species	A Caddisfly <i>Hydroptila blicklei</i>	3
Species	A Caddisfly <i>Hydroptila parachelops</i>	3
Species	A Caddisfly <i>Hydroptila tomah</i>	3
Species	A Mayfly <i>Baetisca carolina</i>	3
Species	A Mayfly <i>Nixe horrida</i>	3
Species	A Stonefly <i>Alloperla voinae</i>	3
Species	A Stonefly <i>Neoperla mainensis</i>	3
Species	Appalachian Brown <i>Satyrodes appalachia</i>	3
Species	Boreal Snaketail <i>Ophiogomphus colubrinus</i>	1
Species	Extra-striped Snaketail <i>Ophiogomphus anomalus</i>	3
Species	Pygmy Snaketail <i>Ophiogomphus howei</i>	2
Species	Spiny Salmonfly <i>Pteronarcys comstocki</i>	3
Species	Tomah Mayfly <i>Siphonisca aerodromia</i>	1
Class	Mammals <i>Mammalia</i>	SGCN Category
Species	Little Brown Bat <i>Myotis lucifugus</i>	1

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Class	Reptiles <i>Reptilia</i>	SGCN Category
Species	Wood Turtle <i>Glyptemys insculpta</i>	1
Endangered (E) and Threatened (T) Plant Species Associated With This Habitat		
Class	Dicots <i>Dicotyledoneae</i>	State Status
Species	Swamp White Oak <i>Quercus bicolor</i>	T
Class	Monocots <i>Monocotyledoneae</i>	State Status
Species	Cat-tail Sedge <i>Carex typhina</i>	E

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Threats Associated With This Macrogroup

IUCN Level 2 Threat Name: Housing and Urban Areas

Actionability: Moderately actionable

Severity: Severe

Reversibility: Irreversible

Immediacy: Immediate

Likelihood: Unlikely

Spatial Extent: Localized

Certainty: High Certainty

Notes: Floodplain forests had relatively high predicted development rates in Anderson et al (2013)

IUCN Level 2 Threat Name: Commercial and Industrial Areas

Actionability: Moderately actionable

Severity: Severe

Reversibility: Irreversible

Immediacy: Immediate

Likelihood: Unlikely

Spatial Extent: Localized

Certainty: High Certainty

Notes: Floodplain forests (and adjacent uplands) had relatively high predicted development rates in Anderson et al (2013)

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

Actionability: Actionable with difficulty

Severity: Moderate Severity

Reversibility: Reversible with difficulty

Immediacy: Immediate

Likelihood: Occurring

Spatial Extent: Dispersed or Patchy

Certainty: Moderate Certainty

Notes: not much new clearing, but much has been cleared in the past; opportunities for riparian restoration?

IUCN Level 2 Threat Name: Livestock Farming and Ranching

Actionability: Actionable with difficulty

Severity: Moderate Severity

Reversibility: Reversible

Immediacy: Near-term

Likelihood: Occurring

Spatial Extent: Localized

Certainty: High Certainty

Notes: Many floodplains have been converted to ag, and many are poorly buffered by ag.

IUCN Level 2 Threat Name: Roads and Railroads

Actionability: Moderately actionable

Severity: Severe

Reversibility: Irreversible

Immediacy: Immediate

Likelihood: Occurring

Spatial Extent: Localized

Certainty: High Certainty

Notes: Many floodplains are bordered by roads, resulting in runoff

IUCN Level 2 Threat Name: Utility and Service Lines

Actionability: Moderately actionable

Severity: Moderate Severity

Reversibility: Irreversible

Immediacy: Immediate

Likelihood: Occurring

Spatial Extent: Localized

Certainty: High Certainty

Notes: Powerlines, pipelines etc.

IUCN Level 2 Threat Name: Gathering Terrestrial Plants

Actionability: Actionable with difficulty

Severity: Slight Severity

Reversibility: Reversible

Immediacy: Immediate

Likelihood: Occurring

Spatial Extent: Localized

Certainty: High Certainty

Notes: Impact is not so much removal of plants themselves, but ATV use in floodplains for access.

IUCN Level 2 Threat Name: Logging and Wood Harvesting

Actionability: Moderately actionable

Severity: Moderate Severity

Reversibility: Reversible

Immediacy: Immediate

Likelihood: Occurring

Spatial Extent: Localized

Certainty: High Certainty

Notes: Impacts depend on intensity, season of harvest, etc.

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IUCN Level 2 Threat Name: Dams and Water Management/Use

Actionability: Actionable with difficulty	Severity: Moderate Severity	
Reversibility: Reversible with difficulty	Immediacy: Immediate	Likelihood: Occurring
Spatial Extent: Localized	Certainty: High Certainty	
Notes: Floodplain hydrology may be altered by dam construction.		

IUCN Level 2 Threat Name: Invasive Non-native/Alien Species/Diseases

Actionability: Actionable with difficulty	Severity: Moderate Severity	
Reversibility: Reversible with difficulty	Immediacy: Immediate	Likelihood: Occurring
Spatial Extent: Localized	Certainty: High Certainty	
Notes: Many invasive plants are a problem in this forest type; problem is worse in southern ME		

IUCN Level 2 Threat Name: Problematic Native Species/Diseases

Actionability: Actionable with difficulty	Severity: Slight Severity	
Reversibility: Reversible with difficulty	Immediacy: Immediate	Likelihood: Occurring
Spatial Extent: Localized	Certainty: Moderate Certainty	
Notes: Deer overpopulation in Southern Maine		

IUCN Level 2 Threat Name: Domestic and Urban Waste Water

Actionability: Moderately actionable	Severity: Slight Severity	
Reversibility: Reversible with difficulty	Immediacy: Long-term	Likelihood: Occurring
Spatial Extent: Localized	Certainty: Moderate Certainty	
Notes: More of a concern in developed parts of state		

IUCN Level 2 Threat Name: Industrial and Military Effluents

Actionability: Moderately actionable	Severity: Slight Severity	
Reversibility: Reversible with difficulty	Immediacy: Long-term	Likelihood: Likely
Spatial Extent: Localized	Certainty: Moderate Certainty	
Notes: Industrial effluents on major rivers much reduced from decades ago		

IUCN Level 2 Threat Name: Agricultural and Forestry Effluents

Actionability: Moderately actionable	Severity: Moderate Severity	
Reversibility: Reversible with difficulty	Immediacy: Long-term	Likelihood: Likely
Spatial Extent: Localized	Certainty: Moderate Certainty	
Notes: Many floodplain forest occurrences are downslope of agricultural fields.		

IUCN Level 2 Threat Name: Storms and Flooding

Actionability: Actionable with difficulty	Severity: Moderate Severity	
Reversibility: Irreversible	Immediacy: Long-term	Likelihood: Likely
Spatial Extent: Dispersed or Patchy	Certainty: Low Certainty	
Notes: Change in hydrology, sedimentation as a result of climate change.		