Vermivora cyanoptera (Blue-winged Warbler)

Report Date: January 13, 2016

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: Aves (Birds)

Order: Passeriformes (Perching Birds)

Family: Parulidae (Warblers)

General comments:

first confirmed breeding in 1980 (Maine Birdlife 2:42);also see Adamus 1985; "Atlas of Breeding Birds in Maine"; BCR30 stewardship (nearly 7% of pop) and concern spp (Moderate threats and declining trend).

Species Conservation Range Maps for Blue-winged Warbler:

Town Map: <u>Vermivora cyanoptera_Towns.pdf</u>
Subwatershed Map: <u>Vermivora cyanoptera_HUC12.pdf</u>

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Vermivora cyanoptera is listed as a species of Special Concern in Maine.

Recent Significant Declines: NA

Regional Endemic: NA

High Regional Conservation Priority:

Northeast Regional Synthesis (RSGCN): Responsibility: High, Concern: Very High

Partners In Flight:

Regional Species of Concern: Yes, United States and Canada Species of Concern: No, Regional Stewardship Species: Yes

United States Birds of Conservation Concern:

Bird of Conservation Concern in Bird Conservation Regions 14 and/or 30: Yes

High Climate Change Vulnerability: NA

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Range Expansion:

Range Expansion: Blue-winged Warbler is a species with a recent range expansion. Priority 1 designation is not intended for species who have expanded their range into Maine within the past 50 years. Notes: first confirmed breeding in 1980 (Main Birdlife 2:42); also see Adamus 1985; "Atlas of Breeding Birds in Maine"; BCR30 stewardship (nearly 7% of pop) and concern spp (Moderate threats and declining trend).

Habitats Assigned to Blue-winged Warbler:

Formation Name Freshwater Marsh

Macrogroup Name Wet Meadow-Shrub Marsh

Habitat System Name: Wet Meadow-Shrub Marsh Macrogroup - Unknown Habitat System Notes: Local use

Formation Name Grassland & Shrubland

Macrogroup Name Glade, Barren and Savanna

Habitat System Name: Central Appalachian Alkaline Glade and Woodland

Macrogroup Name Ruderal Shrubland & Grassland

Habitat System Name: Introduced Shrubland Habitat System Name: Powerline Right-of-Way

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Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

Habitat System Name: Northeastern Interior Pine Barrens

Macrogroup Name Plantation and Ruderal Forest

Habitat System Name: Ruderal Forest - Northern and Central Hardwood and Conifer

Stressors Assigned to Blue-winged Warbler:

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 Climate Change and Severe Weather

IUCN Level 2 Threat: Habitat Shifting or Alteration

Severity: Moderate Severity Actionability: Moderately actionable

Notes: Loss of early successional habitat to forest succession

IUCN Level 1 Threat Other Options

IUCN Level 2 Threat: Lack of knowledge

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

IUCN Level 1 Threat Invasive and Other Problematic Species, Genes and Diseases

IUCN Level 2 Threat: Problematic Native Species-Diseases

Severity: Moderate Severity Actionable with difficulty

Notes: Hybridization with Golden-winged Warbler either locally (occasionally) or historically by those colonizing habitats

on the border with NH.

Species Level Conservation Actions Assigned to Blue-winged Warbler:

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

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

Broad Taxonomic Group Conservation Actions:

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.