

Bombus fervidus (Yellow Bumble Bee)

Priority 3 Species of Greatest Conservation Need (SGCN)

Class: *Insecta* (Insects)

Order: *Hymenoptera* (Ants, Bees, Wasps And Sawflies)

Family: *Apidae* (Honey Bees, Bumble Bees, And Allies)

General comments:

species has declined in some places but apparently stable in others; continues to be found in low numbers in northern New England; 4 modern collection sites in ME

Species Conservation Range Maps for Yellow Bumble Bee:

Town Map: [Bombus fervidus_Towns.pdf](#)

Subwatershed Map: [Bombus fervidus_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Bombus fervidus 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: species has declined in some places but apparently stable in others; continues to be found in low numbers in northern New England; 4 modern collection sites in ME

Historical: NA

Culturally Significant: NA

Habitats Assigned to Yellow Bumble Bee:

Formation Name Agricultural

Macrogroup Name Agricultural

Habitat System Name: Cultivated Crops Notes: open grasslands, farmland, urban parks and gardens

Habitat System Name: Pasture-Hay Notes: open grasslands, farmland, urban parks and gardens

Formation Name Boreal Upland Forest

Macrogroup Name Boreal Upland Forest

Formation Name Developed

Macrogroup Name Urban-Suburban Built

Habitat System Name: Residential - Low Intensity Notes: open grasslands, farmland, urban parks and gardens

Habitat System Name: Residential - Rural-Sparse Notes: open grasslands, farmland, urban parks and gardens

Formation Name Grassland & Shrubland

Macrogroup Name Ruderal Shrubland & Grassland

Habitat System Name: Ruderal Upland - Old Field Notes: open grasslands, farmland, urban parks and gardens

Formation Name Northeastern Upland Forest

Macrogroup Name Central Oak-Pine

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Formation Name	Northeastern Upland Forest
Macrogroup Name	Northern Hardwood & Conifer

Stressors Assigned to Yellow Bumble Bee:

No Stressors Currently Assigned to Yellow Bumble Bee or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Yellow Bumble Bee:

No Species Specific Conservation Actions Currently Assigned to Yellow Bumble Bee or other Priority 3 SGCN.

Conservation Actions Associated with the Bumble Bees Guild:

Conservation Action	Category: Survey and Monitoring	Biological Priority: high	Type: on-going
Conduct statewide surveys to document species diversity, distribution and relative abundance.			

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Conservation Action	Category: Research	Biological Priority: high	Type: new
Produce a statewide atlas and conservation assessment			

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Conservation Action	Category: Public Outreach	Biological Priority: moderate	Type: new
Develop and implement outreach materials to raise public awareness of native pollinator ecology, threats and conservation needs, and to encourage use of Integrated Pest Management practices.			

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

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.