

Hirundo rustica (Barn Swallow)

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: *Aves* (Birds)

Order: *Passeriformes* (Perching Birds)

Family: *Hirundinidae* (Martins And Swallows)

General comments:

30 yr = -6.4 (-7.35 to -5.55); 10 yr = -5.55 (-7.46 to -2.86); n=69 routes, RA = 15.3 birds per route

Species Conservation Range Maps for Barn Swallow:

Town Map: [Hirundo rustica_Towns.pdf](#)

Subwatershed Map: [Hirundo rustica_HUC12.pdf](#)

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation: NA

State Special Concern or NMFS Species of Concern:

Hirundo rustica is listed as a species of Special Concern in Maine.

Recent Significant Declines:

Barn Swallow is currently undergoing steep population declines, which has already led to, or if unchecked is likely to lead to, local extinction and/or range contraction.

Notes: 30 yr = -6.4 (-7.35 to -5.55); 10 yr = -5.55 (-7.46 to -2.86); n=69 routes, RA = 15.3 birds per route

Regional Endemic: NA

High Regional Conservation Priority:

Committee on the Status of Endangered Wildlife in Canada (COSEWIC):

Status: T, Last Examination: 5/1/2011, Change: New, Canada Occurrence: YT, NT, BC, AB, SK, MB, ON, QC, NB, PE, NS, NL

High Climate Change Vulnerability: NA

Understudied rare taxa: NA

Historical: NA

Culturally Significant: NA

Habitats Assigned to Barn Swallow:

Formation Name Agricultural

Macrogroup Name Agricultural

Habitat System Name: Cultivated Crops

Habitat System Name: Pasture-Hay

Formation Name Coastal Scrub-Herb

Macrogroup Name Coastal Grassland & Shrubland

Habitat System Name: Northern Atlantic Coastal Plain Dune and Maritime Grassland

Formation Name Developed

Macrogroup Name Extractive

Habitat System Name: Quarries-Pits-Stripmines

Macrogroup Name Maintained Grasses and Mixed Cover

Habitat System Name: Urban & Recreational Grasses

Macrogroup Name Urban-Suburban Built

Habitat System Name: Commercial-Industrial ****Primary Habitat**** Notes: Primary: Nesting

Habitat System Name: Residential - High Intensity ****Primary Habitat**** Notes: Primary: Nesting

Habitat System Name: Residential - Low Intensity ****Primary Habitat**** Notes: Primary: Nesting

Hirundo rustica* (Barn Swallow)*Priority 2 Species of Greatest Conservation Need (SGCN)**Class: *Aves* (Birds)Order: *Passeriformes* (Perching Birds)Family: *Hirundinidae* (Martins And Swallows)**Formation Name Developed**Habitat System Name: Residential - Medium Intensity ****Primary Habitat**** Notes: *Primary: Nesting*Habitat System Name: Residential - Rural-Sparse ****Primary Habitat**** Notes: *Primary: Nesting***Formation Name Freshwater Aquatic**Macrogroup Name **Lakes and Ponds**

Habitat System Name: Dystrophic

Habitat System Name: Eutrophic

Habitat System Name: Mesotrophic or Intermediate

Formation Name Freshwater MarshMacrogroup Name **Coastal Plain Pond**

Habitat System Name: Northern Atlantic Coastal Plain Pond

Macrogroup Name **Emergent Marsh**

Habitat System Name: Laurentian-Acadian Freshwater Marsh

Macrogroup Name **Modified-Managed Marsh**

Habitat System Name: Modified-Managed Marsh

Macrogroup Name **Wet Meadow-Shrub Marsh**

Habitat System Name: Introduced Wetland and Riparian Vegetation

Habitat System Name: Laurentian-Acadian Wet Meadow-Shrub Swamp

Formation Name Grassland & ShrublandMacrogroup Name **Ruderal Shrubland & Grassland**

Habitat System Name: Introduced Shrubland

Habitat System Name: Powerline Right-of-Way

Habitat System Name: Ruderal Upland - Old Field

Formation Name IntertidalMacrogroup Name **Intertidal Tidal Marsh (peat-forming)**

Habitat System Name: Acadian Coastal Salt Marsh

Habitat System Name: Coastal Plain Tidal Marsh

Stressors Assigned to Barn Swallow:

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:** Continued loss of agricultural lands particularly fields and pastures to forest successionIUCN Level 1 Threat **Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Moderately actionable

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IUCN Level 1 Threat

Pollution

IUCN Level 2 Threat: Agricultural and Forestry Effluents

Severity: Moderate Severity

Actionability: Actionable with difficulty

Notes: Neonoctinoid pesticides

Species Level Conservation Actions Assigned to Barn Swallow:

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.

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.