

## *Progne subis* (Purple Martin)

### Priority 2 Species of Greatest Conservation Need (SGCN)

**Class:** Aves (Birds)

**Order:** Passeriformes (Perching Birds)

**Family:** Hirundinidae (Martins And Swallows)

#### General comments:

Annual Breeder but number of active colonies unknown; likely warrants Threatened status; survey effort strongly needed

#### Species Conservation Range Maps for Purple Martin:

Town Map: [Progne subis\\_Towns.pdf](#)

Subwatershed Map: [Progne subis\\_HUC12.pdf](#)

#### SGCN Priority Ranking - Designation Criteria:

**Risk of Extirpation: NA**

**State Special Concern or NMFS Species of Concern:**

*Progne subis* 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: Annual Breeder but number of active colonies unknown; likely warrants Threatened status; survey effort strongly needed

**Historical: NA**

**Culturally Significant: NA**

**Professional Discretion:**

Current criteria ranked *Progne subis* as SGCN priority 3, however, species should be SGCN priority 2 based on professional discretion.

Justification:

Regional conservation efforts underway by broad coalition of partners.

#### Habitats Assigned to Purple Martin:

##### 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      Maintained Grasses and Mixed Cover

Habitat System Name: Urban & Recreational Grasses

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<b>Formation Name</b>	<b>Developed</b>
Macrogroup Name	Urban-Suburban Built
Habitat System Name: Residential - Rural-Sparse	

<b>Formation Name</b>	<b>Freshwater Aquatic</b>
Macrogroup Name	Lakes and Ponds
Habitat System Name: Dystrophic	
Habitat System Name: Eutrophic	
Habitat System Name: Mesotrophic or Intermediate	

<b>Formation Name</b>	<b>Freshwater Marsh</b>
Macrogroup 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	

<b>Formation Name</b>	<b>Grassland &amp; Shrubland</b>
Macrogroup Name	Ruderal Shrubland & Grassland
Habitat System Name: Introduced Shrubland	
Habitat System Name: Powerline Right-of-Way	
Habitat System Name: Ruderal Upland - Old Field	

<b>Formation Name</b>	<b>Intertidal</b>
Macrogroup Name	Intertidal Tidal Marsh (peat-forming)
Habitat System Name: Acadian Coastal Salt Marsh	
Habitat System Name: Coastal Plain Tidal Marsh	

### Stressors Assigned to Purple Martin:

<b>Stressor Priority Level based on Severity and Actionability</b>		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:** Highly actionable

**Notes:** Loss of early successional habitat to forest succession

***Progne subis* (Purple Martin)****Priority 2 Species of Greatest Conservation Need (SGCN)****Class:** Aves (Birds)**Order:** Passeriformes (Perching Birds)**Family:** Hirundinidae (Martins And Swallows)**IUCN Level 1 Threat****Other Options****IUCN Level 2 Threat:** Lack of knowledge**Severity:** Moderate Severity**Actionability:** Highly actionable**Notes:** Inventory of existing colonies not available and would form basis for conservation action**IUCN Level 1 Threat****Pollution****IUCN Level 2 Threat:** Agricultural and Forestry Effluents**Severity:** Moderate Severity**Actionability:** Moderately actionable**Notes:** Neonotinoid pesticides**Species Level Conservation Actions Assigned to Purple Martin:**

*\*Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> critical	<b>Type:</b> new
Conduct an inventory of breeding colonies, possibly using eBird.			

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Promote the registration of existing colonies through Purple Martin Conservation Association			

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

<b>Conservation Action</b>	<b>Category:</b> Survey and Monitoring	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Support Project Martinwatch, a weekly nest monitoring program, through Purple Martin Conservation Association			

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

<b>Conservation Action</b>	<b>Category:</b> Research	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Support Scout Arrival Study, monitoring of arrival times, through Purple Martin Conservation Association			

**Stressor(s) Addressed By This Conservation Action**

Habitat Shifting or Alteration

<b>Conservation Action</b>	<b>Category:</b> Research	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Support Purple Martin Nest Cavity Research Project which uses mini martin cams to monitor nestling development and engage volunteers; consider a live web cam			

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

<b>Conservation Action</b>	<b>Category:</b> Public Outreach	<b>Biological Priority:</b> high	<b>Type:</b> on-going
Increase public awareness of the Purple Martin Conservation Association and its activities			

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

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**Conservation Action**      **Category:** Habitat Management      **Biological Priority:** high      **Type:** new  
 Support further development, and increase awareness of, existing BMPs for purple martin colony management in concert with Purple Martin Conservation Association

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

**Conservation Action**      **Category:** Species Management      **Biological Priority:** high      **Type:** new  
 Provide support or otherwise increase awareness of the mentor program for Purple Martin colony landlords consistent with efforts of the Purple Martin Conservation Association

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

**Guild Level Conservation Actions:**

This Species is currently not attributed to a guild.

**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.*