

Limnodromus griseus* (Short-billed Dowitcher)*Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** Aves (Birds)**Order:** Charadriiformes (Plovers, Sandpipers, And Allies)**Family:** Scolopacidae (Curlews, Dowitchers, Godwits, Knots, Phalaropes, Sandpipers, Snipe, Yellowlegs, And Woodcock)**General comments:**

Considered stable range wide, considered species of low or moderate concern by US Shorebird Conservation Plan. P3 due to vulnerability to climate change.

Species Conservation Range Maps for Short-billed Dowitcher:Town Map: [Limnodromus griseus_Towns.pdf](#)Subwatershed Map: [Limnodromus griseus_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern: NA****Recent Significant Declines: NA****Regional Endemic: NA****High Regional Conservation Priority:**

United States Birds of Conservation Concern:

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

High Climate Change Vulnerability:*Limnodromus griseus* is highly vulnerable to climate change.**Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Professional Discretion:**

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

Justification:

Long term and short term trends - stable. Andres et al: Population Estimates of NA shorebirds, 2012 WSGB 119(3) 2012

Habitats Assigned to Short-billed Dowitcher:**Formation Name** Cliff & Rock

Macrogroup Name Rocky Coast

Formation Name Freshwater Marsh

Macrogroup Name Emergent Marsh

Formation Name Intertidal

Macrogroup Name Intertidal Bedrock

Macrogroup Name Intertidal Gravel Shore

Macrogroup Name Intertidal Mudflat

Stressors Assigned to Short-billed Dowitcher:

No Stressors Currently Assigned to Short-billed Dowitcher or other Priority 3 SGCN.

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No Species Specific Conservation Actions Currently Assigned to Short-billed Dowitcher or other Priority 3 SGCN.

Conservation Actions Associated with the Shorebirds Guild:

| Conservation Action | Category: | Biological Priority: | Type: |
|--|-----------------------|----------------------|----------|
| Identify and map priority feeding and roosting areas including offshore habitats, and implement protection initiatives. Enter data in IFW ETSC database. | Survey and Monitoring | high | on-going |

Stressor(s) Addressed By This Conservation Action

Lack of knowledge, Industrial and Military Effluents, Housing and Urban Areas, Tourism and Recreational Areas, Commercial and Industrial Areas

| Conservation Action | Category: | Biological Priority: | Type: |
|---|--------------------|----------------------|-------|
| Place symbolic stake and twine fencing around important beach roosting areas with signage to identify roosting areas. | Species Management | high | new |

Stressor(s) Addressed By This Conservation Action

Recreational Activities, Tourism and Recreational Areas

| Conservation Action | Category: | Biological Priority: | Type: |
|---|-----------|----------------------|----------|
| Work with the Maine Department of Marine Resources to conduct research to determine the impact of macroalgae harvest on wintering waterfowl | Research | high | on-going |

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

| Conservation Action | Category: | Biological Priority: | Type: |
|---|-----------------|----------------------|----------|
| Provide outreach to pet owners, beachgoers, kayakers, beach managers, and landowners to raise public awareness on shorebirds and on the impacts of disturbance from recreational activities in coastal areas. | Public Outreach | high | on-going |

Stressor(s) Addressed By This Conservation Action

Recreational Activities

| Conservation Action | Category: | Biological Priority: | Type: |
|--|--------------------|----------------------|-------|
| Use voluntary agreements, conservation easements, conservation tax abatements and incentives to protect important habitats | Habitat Management | moderate | new |

Stressor(s) Addressed By This Conservation Action

Work and Other Activities, Recreational Activities, Housing and Urban Areas, Commercial and Industrial Areas

| Conservation Action | Category: | Biological Priority: | Type: |
|--|-----------------------|----------------------|----------|
| To determine population status continue monitoring program for SGCN shorebird species at high priority migration sites coastwide. Continue to coordinate with ISS, PRISM, Atlantic Flyway ESMP programs. | Survey and Monitoring | high | on-going |

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

| Conservation Action | Category: | Biological Priority: | Type: |
|--|-----------|----------------------|----------|
| Identify prey resources in significant staging areas to determine potential limiting factors and optimal management techniques to promote these resources. | Research | high | on-going |

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

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|----------------------------|---------------------------|----------------------------------|-----------------------|
| Conservation Action | Category: Research | Biological Priority: high | Type: on-going |
|----------------------------|---------------------------|----------------------------------|-----------------------|

Determine length of stay at stopover areas, site fidelity, local movements and premigration condition to determine if coastal habitats are meeting shorebird requirements for successful migration.

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

| | | | |
|----------------------------|---------------------------|--------------------------------------|------------------|
| Conservation Action | Category: Research | Biological Priority: moderate | Type: new |
|----------------------------|---------------------------|--------------------------------------|------------------|

Determine limiting factors for SGCN shorebird species on breeding, migratory, or wintering areas.

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

| | | | |
|----------------------------|---------------------------|----------------------------------|-----------------------|
| Conservation Action | Category: Research | Biological Priority: high | Type: on-going |
|----------------------------|---------------------------|----------------------------------|-----------------------|

Gain a better understanding of the extent and impacts of algae harvesting on staging and wintering shorebirds. Conduct longterm monitoring of ecosystem-wide impacts of cutting algae to determine potential impacts to shorebird habitats and invertebrate pr

Stressor(s) Addressed By This Conservation Action

Fishing and Harvesting of Aquatic Resources

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.