



Marine And Freshwater
Molluscs

Atlantic Sea Scallop

Placopecten magellanicus

Priority 2 Species of Greatest Conservation Need (SGCN)

Class: Marine And Freshwater Molluscs (*Bivalvia*)

Order: (*Pectinida*)

Family: Scallops (*Pectinidae*)



General comments:

Atlantic Sea Scallop (*Placopecten magellanicus*) is a large, commercially valuable scallop found in both inshore and offshore waters along the Atlantic coast, including Maine. It supports a major fishery managed through quotas and rotational closures, with biomass and landings monitored annually by NOAA and state agencies.

No Species Conservation Range Maps Available

SGCN Priority Ranking - Designation Criteria:

Recent Significant Declines:	Atlantic Sea Scallop 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: recent decline - DMR Surveys
High Climate Change Vulnerability:	Vulnerability: 3, Confidence: , Reviewers:
High Regional Conservation Priority:	Northeast Regional Synthesis (RSGCN): Responsibility: High, Concern: High

Habitat Associations:

Formation: Subtidal

Macrogroup: Subtidal Coarse Gravel Bottom

Habitat System: Coarse Gravel Bottom Macrogroup - Unknown Habitat System

Macrogroup: Subtidal Pelagic (Water Column)

Habitat System: Pelagic (Water Column) Macrogroup - Unknown Habitat System
larval phase

Macrogroup: Subtidal Sand Bottom

Habitat System: Sand Bottom Macrogroup - Unknown Habitat System

Threats

None. Threats assigned a *slight* severity rank are not presented in this report or other Plan summaries.

Species Level Conservation Actions:

Atlantic Sea Scallop *Placopecten magellanicus*
Priority 2 SGCN

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

Conservation Actions Associated with the Bivalves Guild:

Conservation Action	Category	Biological Priority	Type
Through education and collaboration, reduce the use of antifouling agents and biocides that negatively affect SGCN, and investigate alternative biofouling agents.	Policy	critical	on-going

- Threat(s) Addressed By This Conservation Action
- Marine and Freshwater Aquaculture

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's Wildlife Action Plan: Element 4.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's Wildlife Action Plan: Element 4. 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, threats, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work