



Eudicots

English Sundew

Drosera anglica

Priority 1 Species of Greatest Conservation Need (SGCN)

Class: Eudicots (*Eudicots*)

Order: Carnation (*Caryophyllales*)

Family: Sundew (*Droseraceae*)



General comments:

English Sundew grows in circumneutral fens and peaty areas. *Drosera anglica* resembles our common Spatulate-leaf Sundew (*D. intermedia*) and is closely related both to that and to the common Round-leaf Sundew (*D. rotundifolia*), as well as to the rare *D. linearis*. Like the Spatulate-leaf Sundew, the leaves are elongate oval and grow in a basal rosette, and have rows of sticky hairs on their surface, adapted for the insectivorous habit. *D. anglica* is best told from *D. intermedia* by its larger leaves (up to 5 cm long), the stiffer nature of the plant, the glandular hairs on the petioles, and the spindle-shaped rather than rounded-oval seeds. *Drosera anglica* is more widely distributed than *D. linearis*, and within its range is not as local. In Maine, however, the two are equally rare, occurring in the same location, and often together.

No Species Conservation Range Maps Available

SGCN Priority Ranking - Designation Criteria:

Risk of Extirpation:	Maine Status: Endangered		IUCN Red List Status: None
High Regional Conservation Priority:	NatureServe: Global Rank: G5 State Rank: S1		

Habitat Associations:

Formation: Peatland

Macrogroup: North American Boreal & Subboreal Alkaline Fen

Habitat System: Laurentian-Acadian Alkaline Fen

Macrogroup: North American Boreal & Subboreal Bog & Acidic Fen

Habitat System: North American Boreal & Subboreal Bog & Acidic Fen Macrogroup - Unknown Habitat System

Threats

Threat 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

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IUCN Level 1 Threat Invasive and Other Problematic Species, Genes and Diseases

IUCN Level 2 Threat: Invasive Non-native-Alien Species-Diseases

Severity: High Severity

Actionability: Moderately Actionable

IUCN Level 1 Threat Natural Systems Modifications

IUCN Level 2 Threat: Dams and Water Management-Use

Severity: High Severity

Actionability: Moderately Actionable

IUCN Level 1 Threat Other Options

IUCN Level 2 Threat: Lack of knowledge

Severity: Moderate Severity

Actionability: Highly Actionable

IUCN Level 1 Threat Transportation and Service Corridors

IUCN Level 2 Threat: Roads and Railroads

Severity: High Severity

Actionability: Moderately Actionable

Species Level Conservation Actions:

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

Conservation Actions Associated with the Peatland (freshwater) plants Guild:

Conservation Action	Category	Biological Priority	Type
Require field surveys prior to permitting or construction.	Survey and Monitoring	high	on-going

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

- Dams and Water Management-Use
- Mining and Quarrying
- Roads and Railroads

Conservation Action	Category	Biological Priority	Type
Work with species specialists to apply suitable protective buffers to populations when construction, road building, timber harvest, or soil disturbance are proposed.	Habitat Management	high	on-going

Threat(s) Addressed By This Conservation Action

- Mining and Quarrying
- Roads and Railroads

Conservation Action	Category	Biological Priority	Type
Establish plan to keep population data updated in particular for high-ranked or vulnerable occurrences.	Survey and Monitoring	high	on-going

Threat(s) Addressed By This Conservation Action

- Invasive Non-native-Alien Species-Diseases

Conservation Action	Category	Biological Priority	Type
Develop Early Detection Rapid Response protocols for non-native invasive plants that threaten SGCN populations.	Habitat Management	high	on-going

Threat(s) Addressed By This Conservation Action

- Invasive Non-native-Alien Species-Diseases

Conservation Action	Category	Biological Priority	Type
Work with conservation partners to develop watershed-scale water management plans.	Habitat Management	high	on-going

Threat(s) Addressed By This Conservation Action

- Dams and Water Management-Use

Conservation Action	Category	Biological Priority	Type
Identify and protect populations at northern edge of range or that are large and healthy, to protect viability of species even if peatlands experience more drying	Habitat Management	moderate	on-going

Threat(s) Addressed By This Conservation Action

- Changes in Temperature Regimes

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Conservation Action	Category	Biological Priority	Type
Encourage BMPs to avoid siltation and nutrient inputs and promote retention of vegetated buffers.	Habitat Management	high	on-going

Threat(s) Addressed By This Conservation Action

- Dams and Water Management-Use

Conservation Action	Category	Biological Priority	Type
Complete forestry Best Management Practices for distribution to cooperative landowners and forest management interests.	Public Outreach	high	on-going

Threat(s) Addressed By This Conservation Action

- Lack of knowledge

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