

Thread-leaved Sundew

Drosera filiformis

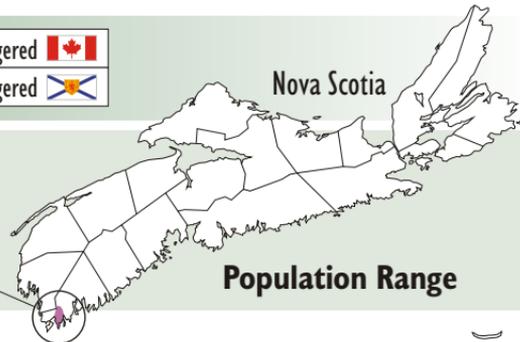
STATUS

Endangered 

Endangered 

65

Nova Scotia



Population Range



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Occurs in five bogs at the southwestern tip of Nova Scotia - the only place it exists in Canada!

Habitat

Found in the low peaty hollows of raised bogs, which are characterized by cone shaped mounds of earth interspersed with low peaty hollows. These bogs are acidic, low-nutrient wetlands that contain species such as mosses, shrubs, sedges and grasses.



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Species Description

The Thread-leaved Sundew is a carnivorous plant with long vertical leaves (11 cm tall) that are covered with reddish-purple sticky glands. It has a long flowering stem (up to 22 cm), with 6-15 flowers that are violet with yellow centers. The flowers are 1 cm in diameter.



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Thread-leaved Sundew occurs in a type of wetland known as a bog. Look for its flowers between mid-July and August. It is associated with Clumped Deer-Grass.

Interesting Points

- Has adapted to its nutrient-poor environment by becoming carnivorous!
- It obtains extra nutrients by digesting insects that become trapped on the sticky liquid found on its leaves.
- The presence of this species prohibited the development of a bog - the first and only time this has happened in the province!



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Trapped insects



© NS DNR

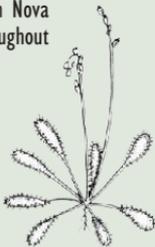
Seed pods

Similar Species

There are two other Sundew species in Nova Scotia, both of which are common throughout the province.

Narrow-leaved Sundew:

Typically found in bogs; leaves are club-shaped instead of long and erect.



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Round-leaved Sundew:

Found in bogs, swamps, ditches and lakeshores; round leaves that are wider than they are long.



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Threats to Survival

- Activities that alter water flow and drainage in wetland habitats such as peat mining, cranberry production, some forestry practices, OHV use, road building and infilling.

How You Can Help

Do not build roads, infill or drive OHVs in wetlands or along wetland margins, as these activities alter key wetland processes. If wetland alteration is necessary you are required to obtain provincial permits. For more details contact your DNR regional biologist and view “How can you help” on the ACPF page at www.speciesatrisk.ca



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Contacts, Information, Sighting Reports & Stewardship Opportunities

Contact: NS DNR (902) 679-6091

Info: www.speciesatrisk.ca/coastalplainflora/

Sighting Reports: 1-866-727-3447 or sightings@speciesatrisk.ca

Stewardship: Nova Scotia Nature Trust, www.nsnst.ca