

Redroot

Lachnanthes caroliana

STATUS

 Threatened 

 Threatened 


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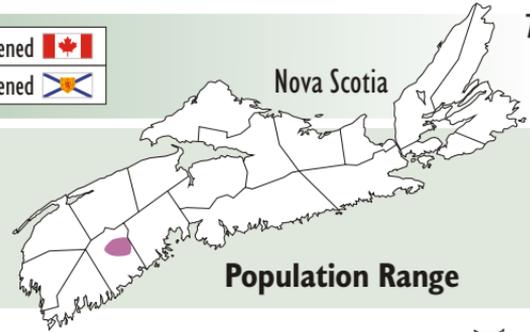
Species Description

Redroot has long, narrow, vertically oriented leaves up to 20 cm tall. When flowering, a 20-40 cm pale green stalk arises from the base and has 10-30 light yellow flowers clustered at the top. The top of the stem and flowers are covered in pale yellow hairs.



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Found along the shores of six lakes in Queens County, in southwestern Nova Scotia.



Habitat

Occurs on peat, sand, and gravel shorelines. It is most commonly found on southwest facing peat or gravel cobble beaches. It is often found growing in meadows of Twigrush (*Cladium mariscoides*).



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Look for Redroot flowers in August and September, but please note flowers are infrequently produced. It is found with other rare species such as Golden Crest.

Interesting Points

- Like many species of ACPF, Redroot reproduces mainly by vegetative means and not by sexual reproduction (seeds).
- The name Redroot refers to its slender, blood red rhizomes (underground stems).
- Its latin name is from the Greek *lachne* and *anthos*, meaning “woolly-flower”.



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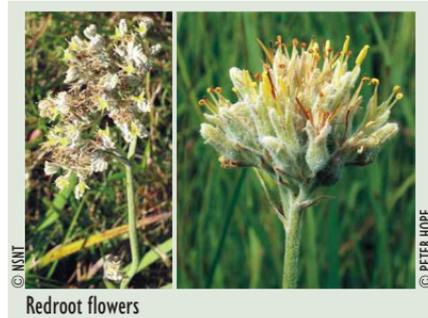
Similar Species

Blue Flag Iris:

When small and not in flower, leaves of the Blue Flag Iris could be confused with Redroot leaves. The Blue Flag Iris reaches heights of 50-80 cm and produces large purple/blue flowers.



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Redroot flowers



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Threats to Survival

- Cottage development and its associated activities, including shoreline alteration (dock building, mowing, raking, infilling, OHV use), land clearing & road building.
- Nutrient, sediment and pesticide runoff from cottages, forestry practices, and agricultural operations.

How You Can Help

Reduce shoreline disturbances (leave a natural vegetation buffer, do not drive OHVs along shorelines). Obtain permits from NS DEL and your municipality before altering the shoreline (infilling, dock building). Install and maintain septic systems and avoid using pesticides and fertilizers.

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.nsnt.ca