

Plants

COMMON NAME	NS DNR NAME	STATUS RANK	Alluvial Floodplain	Aquatic	Barrens (sand or rock)	Beach or Coastal Shore	Bog	Coastal Island	Cliff or talus Slope	Disturbed Sites	Estuary	Exposed Rock or Sand	Field / Meadow	Hardwood Forest	Headland	Intervale	Lake or Pond Shore	Lakeshore Wetland	Marsh	Mixedwood Forest	River or Stream	Saltmarsh or Tidal	Softwood Forest	Swamp	WESTERN R E	Nova Scotia Distribution	
Northern Spotted Frog	Aquarium	Red																							spores mature	Yamouche Cape Breton	
Small White Leaf	Andromeda	Red																								mid-July - Sept	Aspyle River, Wedgeport Yam. Co., Cape Blominden, Brockton Corner, Cambridge Kings Co., Kempton Col. Co., Biennale Mt Digby Co., Inv. Co.
Narrow-Leaved Wild Lee	Allium	Red																								late May - ear	Yam. Sheab. Lun., Queens Co's
Small White Leaf	Allium	Red																								all year	Yam. Sheab. Lun., Queens Co's
Nantucket Shadblow	Anemone multifida	Red																								May - July	Queens Co., Harris Co., Cape Breton Inv. Co., MacKay Brook Pictou Co., Pelti Etang Inv. Co., Castlick Vict. Co.
Early Anemone	Anemone multifida	Red																								late May - ear	Anna Co., Harris Co., St Andrews River Col. Co., Sherbrooke Guys. Co., West Middle River CB Co.
River Anemone	Anemone ranunculifolia	Yellow																								June - July	Gaspe River Kings Co., L'Anse-au-Loup Co.
Drummond Rockcress	Anemone ranunculifolia	Yellow																								June - August	Lun. Co., Polly Cove, Rocking Stone, Suzy Lake Hk. Co., Conroy Brook Gorge Inv. Co., L'Anse-au-Loup Co., Wentzells Lake Lun. Co., Greenfield Queens Co., Airport Kings Co., Hk Co's
Green Spineflower	Asplenium platyneuron	Yellow																								August - Sept	Queens Co., Harris Co., Cape Breton Kings Co., Queens Co., Biter Road Kings Co.
Waxy-Leaved Aster	Aster undulatus	Yellow																								June - Septemb	Tusket Islands Yam. Co.
Eastern Baccharis	Baccharis halimifolia	Red																								June - Septemb	Tusket Islands Yam. Co.
Swamp Birch	Betula glandulosa	Yellow																								June - Septemb	Bier Island Digby Co., Shingle Lake Lun. Co., New Brunswick Kings Co., Biter Road Vict. Co., CB Co., Fourth Lake, Gaspenauk Brook Guys Co.
Swamp Boggy	Bidens comata	Yellow																								August - Sept	L'Anse-au-Loup Co., Atlantic shore, Annapolis River Anns. Co., Minas area Harris Co., Sable Island, Big Badcock Vict. Co.
Edgely Boggy	Bidens bipinnata	Yellow																								August - Sept	Harris Co., Sable Island, Big Badcock Vict. Co.
Broad-Clumped Brome	Bromus laetigalis	Red																								May - June	Yam. Co. to northern Cape Breton
Marsh Marigold	Callitriche palustris	Yellow																								July - August	Yam. Co. to northern Cape Breton
Snake-Flower	Cardamine parviflora var	Yellow																								July - August	Yam. Co. to northern Cape Breton
Bitter-Cr	Cardamine parviflora var	Yellow																								July - August	Yam. Co. to northern Cape Breton
Elkory Swidge	Carex diurna	Red																								April - August	Bier Island Digby Co. to Cape C. Cumb. Co., Hk Co. to Vict. Co., northcentral CB
Purple Clematis	Clematis occidentalis	Red																								June - August	Kejimikujik National Park Queens Co.
Long-Bract Green Orchid	Coelogyne viridis var	Yellow																								July - Septemb	Yam. Sheab., Lun., Queens Co's
Rose Composit	Coreopsis rosea	Red																								September - Oct	Yam. Co. to northern Cape Breton
Swedish Dwarf Dogwood	Cornus suecica	Yellow																								August - Octob	Digby Neck, Digby Co., Broad River Queens Co., Salt Springs Cumb. Co., St Paul Island Vict. Co., Pleasant Bay Inv. Co.
Wetland Pigmy Weed	Crassula aquatica	Yellow																								mid-August, ea	Salmon Lake, Skions Lake, Wilson's Lake, Bennetts Lake Yam. Co.

Common Name	Scientific Name	Priority List	Status	Habitat	Region	Likelihood
Butterflies						
Early Hairstreak	<i>Erora laetus</i>	NSDNR General Status	Red	Deciduous woods where Beech is present	Recorded in the Wentworth Valley and Annapolis Valley.	potential
Monarch	<i>Danaus plexippus</i>	NSDNR General Status / COSEWIC	Yellow / Special Concern	Monarchs in Canada exist primarily wherever milkweed (Asclepius) and wildflowers (such as Goldenrod, asters, and Purple Loosestrife) exist. This includes abandoned farmland, along roadsides, and other open spaces where these plants grow.	The eastern population includes all Monarchs east of the Rocky Mountains, from the Gulf coast to southern Canada, and from the Great Plain States and Prairie Provinces east to the Atlantic coast.	potential
Hoary Comma	<i>Polygona gracilis</i>	NSDNR General Status	Yellow	Boreal forest		potential
Satyr Anglewing (Comma)	<i>Polugonia satyrus</i>	NSDNR General Status	Yellow	Boreal forest		potential
Arctic (Titania) Fritillary	<i>Boloria chariclea</i>	NSDNR General Status	Yellow	Boreal forest and bogs		potential
Short-tailed Swallowtail	<i>Papilio brevicauda</i>	NSDNR General Status	Yellow	Coastal areas, in the presence of larval foodplant	Only found in the Atlantic provinces and eastern Quebec	potential
Freshwater Mussels						
Yellow Lamp Mussel	<i>Lampsilis cariosa</i>	NSDNR General Status / COSEWIC	Red / Special Concern	Predominantly a river species. Occurs in swift currents on shoals or in riffles and principally on sand bottom. Occasionally found in ponds.	From Sydney River, Cape Breton to Georgia.	potential
Squawfoot	<i>Strophitus undulatus</i>	NSDNR General Status	Red	Occurs in rivers and creeks but occasionally in lakes. Inhabits all substrates,	From Nova Scotia to South Carolina	potential
Delicate Lamp Mussel (Tidewater Mucket)	<i>Lampsilis ochraceae</i>	NSDNR General Status	Yellow	Occurs in quiet water, that is ponds, canals, and slow moving parts of rivers. Found in mud or sand bottoms. Occurs only near the seacoast.	From Cape Breton to Savannah River, Georgia	potential
Eastern Lamp Mussel	<i>Lampsilis radiata</i>	NSDNR General Status	Yellow	Occurs in rivers and lakes of all sizes, usually on gravel and sand bottoms but occasionally on mud.	St. Lawrence River to South Carolina.	potential
Brook Floater (Swollen Wedge Mussel)	<i>Alasmidonta varicosa</i>	NSDNR General Status	Yellow	Usually found in rapids or riffles on rocky or gravel substrates and in sandy shoals	From Nova Scotia and New Brunswick to North Carolina	potential
Eastern River Pearl Mussel (E. Pearl Sh)	<i>Margaritifera margaritifera</i>	NSDNR General Status	Yellow	Occur in small and medium-sized running streams. Found on sandy shoals and in pools with overhanging branches	Abundant in Newfoundland and Nova Scotia	potential
Dragonflies and Damsdiles						
Zebra Clubtail	<i>Stylurus scudderii</i>	NSDNR General Status	Red	Streams and rivers with slight to moderate current and gravel or sandy bottoms	Cornwallis River at Hwy 101, Annapolis River at Middleton	potential
Rusty Snaketail	<i>Ophiogomphus rupinsulensis</i>	NSDNR General Status	Red	Common along rivers		potential
Brook Snaketail	<i>Ophiogomphus aspersus</i>	NSDNR General Status	Red	Clear sand bottomed streams with intermittent rapids		potential
Black Meadowfly	<i>Sympetrum danae</i>	NSDNR General Status	Yellow			potential
Elfin Skimmer	<i>Nannothemis bella</i>	NSDNR General Status	Yellow	Stagnant pools in marshy places, bogs		potential
Muskeg Emerald	<i>Somatochlora septentrionalis</i>	NSDNR General Status	Yellow			potential
Prince Baskettail	<i>Epitheca princeps</i>	NSDNR General Status	Yellow	rivers, streams and Lakes		potential
Zorro Clubtail	<i>Lanthus parvulus</i>	NSDNR General Status	Yellow			potential
Greenstriped Darner	<i>Aeshna verticalis</i>	NSDNR General Status	Yellow	Open marshy areas and open fields		potential
Zigzag Darner	<i>Aeshna sitchensis</i>	NSDNR General Status	Yellow	High elevation sedge marshes near lakes and streams		potential
Mottled Darner	<i>Aeshna clepsydra</i>	NSDNR General Status	Yellow	edges of ponds and lakes, most often with emergent vegetation		potential
Harlequin Darner	<i>Gomphaeschna furcillata</i>	NSDNR General Status	Yellow	swamps or bogs		potential
Little Bluet	<i>Enallagma minusculum</i>	NSDNR General Status	Yellow	Ponds		potential
Fish						

Atlantic Salmon (Anadromous pops.)	<i>Salmo salar</i>	NSDNR General Status / COSEWIC	Red / Endangered	In freshwater habitat, the species requires clean, cool, flowing water free from chemical or organic pollution. It prefers natural stream channels with rapids and pools, a gravelly bottom, and water temperatures between 15 and 25°C in summer. The marine habitat in the Bay of Fundy is ideal for the marine habitat.	Salmon spawn young in rivers of NS and NB that drain to the Minas basin and Chigneto Bay, as far south as Black River in NB. They remain in Bay of Fundy after going to sea for a few months. Winter migration is not known.	potential
Striped Bass	<i>Morone saxatilis</i>	NSDNR General Status / COSEWIC	Red / Threatened	steady-flowing, turbid rivers that have low slopes and large estuaries	Bay of Fundy, Gulf of St. Lawrence, Annapolis River, Shubenacadie River	potential
Atlantic Salmon (Landlocked Pops.)	<i>Salmo salar</i>	NSDNR General Status	Red	Lakes		potential
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	NSDNR General Status	Red	estuarine		potential
Atlantic Whitefish	<i>Coregonus huntsmani</i>	NSDNR General Status / NSESA / COSEWIC	Red / Endangered / Endangered	The specific habitat requirements are largely unknown. It is salmon-like in that it spawns in freshwater and runs to sea in the spring. Most populations are land locked however.	It is found only in the Tusket and Petite Riviere watersheds in southern Nova Scotia.	potential
Pearl Dace	<i>Margariscus margarita</i>	NSDNR General Status	Yellow	lakes, cool bog ponds, creeks, and cool springs		potential
Lake Trout (Char)	<i>Salvelinus namaycush</i>	NSDNR General Status	Yellow	lakes	Sherbrooke Lake, Lunenburg County, and Dollar Lake, Halifax County. Pockwock and Big Indian Lakes, Halifax County, and Lochaber Lake, Antigonish County.	potential
Brook Trout (Char)	<i>Salvelinus fontinalis</i>	NSDNR General Status	Yellow	cool clear waters of 10 - 18°C with a lot of cover. Usually they live in spring-fed streams with many pools and riffles.		potential
Gaspereau (Alewife)	<i>Alosa pseudoharengus</i>	NSDNR General Status	Yellow	rivers, freshwater lakes, ponds and streams		potential
Fourspine Stickleback	<i>Apeltes quadracus</i>	NSDNR General Status	Yellow	near shore marine species, however some inland populations occur in lakes	generally found in brackish (salty) waters near the coast. It occurs in the Atlantic Provinces and Quebec.	potential
Amphibians						
Four-toed Salamander	<i>Hemidactylium scutatum</i>	NSDNR General Status	Yellow	found in forested areas adjacent to wet Sphagnum bogs or in woods	Throughout NS.	potential
Reptiles						
Blanding's Turtle	<i>Emydoidea blandingi</i>	NSDNR General Status / NSESA / COSEWIC	Red / Endangered / Threatened	Forested wetlands		potential
Northern Ribbon Snake	<i>Thamnophis sauritus septentrionalis</i>	NSDNR General Status / NSESA / COSEWIC	Yellow / Threatened / Threatened	Quiet, vegetated ponds, coves of lakes and grassy places along streams. Enjoy an abundance of aquatic vegetation.	Southwestern, Nova Scotia - Queens County and Lunenburg County.	potential
Wood Turtle	<i>Clemmys insculpta</i>	NSDNR General Status / NSESA / COSEWIC	Yellow / Vulnerable / Special Concern	The species is associated with moving water; it frequents streams, creeks and rivers. It is also one of the most terrestrial members of its family and occupies a great variety of habitats, including forests, but favours riparian areas with open canopy. It also prefers moderate currents, clear streams and drainages. Generally, it overwinters in water, spends its spring and fall in or near water, and summers on the ground. It appears to select habitats rather than use them randomly.	The species has been reported in most of New Brunswick, north-central Nova Scotia (including Cape Breton Island), southern Quebec, and both south-central and north-central Ontario.	potential
Birds						
Piping Plover	<i>Charadrius melodus</i>	NSDNR General Status / NSESA / COSEWIC	Red / Endangered / Endangered	Nest above normal high water mark on sand and gravel beaches.	Lunenburg County, Queens, Shelburne, Cape Breton Highlands, Pictou and Colchester	potential

Harlequin Duck	<i>Histrionicus histrionicus</i>	NSDNR General Status / NSESA / COSEWIC	Red / Endangered / Special Concern	Nests built on ground on islands or banks of fast-flowing streams. Favour marine environments, but move inland to breed. In winter, occurs along headlands where surf breaks against rocks. Feed close to rocky shorelines or skerries.	Breed in eastern Hudson Bay, but some inland on north shore of Gulf of St. Lawrence and Gaspé Peninsula. Many winter in east and south coasts of NL, southern NS, NB, Maine and Cape Cod.	potential
Atlantic Puffin	<i>Fratercula arctica</i>	NSDNR General Status	Yellow	Islands	Machais Seal Island, NB; Pearl Island, NS; and Hertford/Ciboux Islands, NS	potential
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	NSDNR General Status	Yellow	Spruce or fir trees and islands.	Amherst and Southwestern NS	potential
Brant	<i>Branta bernicla</i>	NSDNR General Status	Yellow			potential
Northern Goshawk	<i>Accipiter gentilis</i>	NSDNR General Status	Yellow	Forested areas, farms and woodlots.	Scattered throughout NS	potential
Semipalmated Sandpiper	<i>Calidris pusilla</i>	NSDNR General Status	Yellow			potential
Red-necked Phalarope	<i>Phalaropus lobatus</i>	NSDNR General Status	Yellow			potential
Red Phalarope	<i>Phalaropus fulicaria</i>	NSDNR General Status	Yellow			potential
Common Tern	<i>Sterna hirundo</i>	NSDNR General Status	Yellow	Coastal areas and lakes in Southwest NS	Scattered throughout NS	potential
Common Loon	<i>Gavia immer</i>	NSDNR General Status	Yellow	lakes larger than 40 hectares where plant growth is sparse.	Scattered throughout NS	potential
Eastern Meadowlark	<i>Sturnella magna</i>	NSDNR General Status	Yellow	Grasslands	Annapolis Valley and Hantsport, NS	potential
Long-eared Owl	<i>Asio otus</i>	NSDNR General Status	Yellow	Large and small woodlands, dense or open, conifer or broad-leaved, and some open areas.	Few coastal areas of NS	potential
Bicknell's Thrush	<i>Catharus minimus</i>	NSDNR General Status / NSESA / COSEWIC	Yellow / Special Concern / Special Concern	Breed at high elevation, dense and stunted fir/spruce forests (726 m to 914 m a.s.l.) on rocky peaks. Favour a wet, cool, windy climate that increases in severity with elevation.	Found throughout the maritimes. Primarily breed in Quebec, but some populations breed in New Brunswick and Cape Breton Highlands.	potential
Ipswich Sparrow	<i>Passerculus sandwichensis</i>	NSDNR General Status / COSEWIC	Yellow / Special Concern	Nests of grass and vegetation built on hollows scratched in ground under shelter of shrub, small tree or tussock of grass. Nest in heath-dominated terrain in dense marram grass on coastal dunes and upper beaches. Prefer outer dune beaches with good grass coverage.	Nest almost exclusively on Sable Island. Some on beaches in NS and northern Florida. Some winter in NS.	potential
Sharp-tailed Sparrow	<i>Ammodramus caudacutus</i>	NSDNR General Status	Yellow	salt marshes and other saline habitats	coastal areas around NS	potential
Bobolink	<i>Dolichonyx oryzivorus</i>	NSDNR General Status	Yellow	beaver meadows and lush grasses along flood plains	Throughout NS.	potential
Arctic Tern	<i>Sterna paradisaea</i>	NSDNR General Status	Yellow	islands facing the open sea.	Lower Bay of Fundy to Cape Breton Island	potential
Eskimo Curlew	<i>Numenius borealis</i>	COSEWIC	Endangered	Tundra to Transitional Woodland	NWT, Fly east to Maritimes during migration	potential
Mammals						
Moose	<i>Alces alces</i>	NSDNR General Status / NSESA	Red / Endangered	young deciduous shrubs and trees	Cobequid Mountains and Tobetic Wildlife Reserve	potential
Southern Flying Squirrel	<i>Glaucomys volans</i>	NSDNR General Status / COSEWIC	Yellow / Special Concern	Southern Flying Squirrels inhabit hardwood forests in eastern North America. Dead hollow trees are used as den sites.	In Canada, Southern Flying Squirrels are found in southern Ontario, southwestern Québec and southern Nova Scotia.	potential
Fisher	<i>Martes pennanti</i>	NSDNR General Status	Yellow	Mixed forests	Throughout NS. Mostly in Cumberland, Colchester and Pictou Counties	potential
Hoary Bat	<i>Lasiurus cinereus</i>	NSDNR General Status	Yellow	trees along floodplains		potential
Red Bat	<i>Lasiurus borealis</i>	NSDNR General Status	Yellow	Large mature deciduous forests.		potential
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	NSDNR General Status	Yellow	Caves, cliff faces, coniferous and deciduous forests		potential
Eastern Pipistrelle	<i>Pipistrellus subflavus</i>	NSDNR General Status	Yellow	caves		potential
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	NSDNR General Status	Yellow	Dense forest and caves		potential
Little Brown Bat	<i>Myotis lucifugus</i>	NSDNR General Status	Yellow	caves. Dead trees close to lakes and ponds		potential
Long-tailed Shrew	<i>Sorex dispar</i>	NSDNR General Status	Yellow	Talus slopes and rock slides in deciduous and coniferous forests		potential

Source: NSDNR General Status Database; NSESA; COSEWIC, 2004