

OPn91 Northern Rich Fen (Water Track) Pollinator Resources

Open peatlands, primarily in water tracks in the interiors of large peatlands. Dominated by fine-leaved sedges or low shrubs, with scattered stunted tamaracks.

Examples of insect pollinators (and their associated host plants in parentheses) that use OPn91 include:

Bees:

Andrena erythrogaster (*Salix*)

Osmia inermis (*Vaccinium*)

Dufourea harveyi (*Dasiphora* [*Potentilla*] *fruticose*)

Butterflies:

Tharsalea dorcas (*Dasiphora fruticose*)

Boloria eunomia (*Vaccinium oxycoccos*)

Euphyes dion (*Carex*)

Moths:

Papaipema aweme (*Menyanthes trifoliata*)

Exyra fax (*Sarracenia purpurea* s *Purpurea*)

Macaria sulphurea (*Vaccinium oxycoccos*)

Heliothis borealis (*Rhododendron groenlandicum*)



Boloria eunomia (bog fritillary) uses *Vaccinium oxycoccos* (small cranberry) as a host plant.

Photo: Kyle Johnson

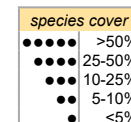


Andrena erythrogaster (red-bellied miner bee) uses *Salix* (willow) species as a host plant. Photo: Max McCarthy

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Pollinator Resources Table

OPn91 Class Factsheet. Based on 66 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Buckbean (<i>Menyanthes trifoliata</i>)	79	●●	H	Perennial	Present	insects	Early spring insect	5
Pitcher plant (<i>Sarracenia purpurea</i>)	68	●	SC	Perennial	Present	insects	Generalist	2
Intermediate bladderwort (<i>Utricularia intermedia</i>)	52	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Seaside arrowgrass (<i>Triglochin maritima</i>)	48	●	UNK	Perennial	Present	wind	Generalist	0
Water horsetail (<i>Equisetum fluviatile</i>)	42	●	SC	Perennial	Present	wind, water	Generalist	0
Round-leaved sundew (<i>Drosera rotundifolia</i>)	38	●	SC	Perennial	Absent	insects	Generalist	3
Marsh cinquefoil (<i>Potentilla palustris</i>)	36	●	SC	Perennial	Present	insects	Generalist	2
Northern marsh fern (<i>Thelypteris palustris</i>)	32	●●	SC	Perennial	Present	wind, water	Generalist	0
Spatulate-leaved sundew (<i>Drosera intermedia</i>)	30	●	SC	Perennial	Absent	insects	Generalist	3
Labrador bedstraw (<i>Galium labradoricum</i>)	27	●	UNK	Perennial	Present	insects	Generalist	3
Marsh bellflower (<i>Campanula aparinoides</i>)	27	●	UNK	Perennial	Present	insects	Generalist	3
Kalm's lobelia (<i>Lobelia kalmii</i>)	26	●	UNK	Perennial	Weakly	insects	Very specialized insect	5
Lesser bladderwort (<i>Utricularia minor</i>)	26	●	CH	Perennial	Present	insects	Somewhat specific insect	5
Bog aster (<i>Aster borealis</i>)	24	●	UNK	Perennial	Present	insects	Generalist	3
English sundew (<i>Drosera anglica</i>)	21	●	SC	Perennial	Absent	insects	Generalist	3
Tufted loosestrife (<i>Lysimachia thysiflora</i>)	18	●	SI	Perennial	Present	insects	Generalist	4
Arctic raspberry (<i>Rubus acaulis</i>)	18	●	SI	Perennial	Present	insects	Generalist	4
Marsh grass-of-Parnassus (<i>Parnassia palustris</i>)	15	●	SC	Perennial	Present	insects	Generalist	2
Horned bladderwort (<i>Utricularia cornuta</i>)	14	●●	CH	Perennial	Present	insects	Somewhat specific insect	5
Big-leaf white violet or Northern white violet*	14	●	Varies	Perennial	Present	insects	Varies	Varies
Linear-leaved sundew (<i>Drosera linearis</i>)	12	●	SC	Perennial	Absent	insects	Generalist	3
Bog goldenrod (<i>Solidago uliginosa</i>)	12	●	SI	Perennial	Present	insects	Generalist	4
Rose pogonia (<i>Pogonia ophioglossoides</i>)	11	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Three-leaved false Solomon's seal (<i>Smilacina trifolia</i>)	11	●	UNK	Perennial	Present	insects	Early spring insect	4
Swamp lousewort (<i>Pedicularis lanceolata</i>)	9	●	UNK	Perennial	Present	insects	Buzz pollination	5
Northern bugleweed (<i>Lycopus uniflorus</i>)	9	●	SC	Perennial	Weakly	insects	Generalist	2
Grasses and Sedges								
Fen wiregrass sedge (<i>Carex lasiocarpa</i>)	95	●●●●	SI	Perennial	Present	wind	Generalist	0
Lead-colored sedge (<i>Carex livida</i>)	79	●	UNK	Perennial	Present	wind	Generalist	0
Candle-lantern sedge (<i>Carex limosa</i>)	68	●●	UNK	Perennial	Present	wind	Generalist	0
Creeping sedge (<i>Carex chordorrhiza</i>)	67	●●	UNK	Perennial	Present	wind	Generalist	0
White beak rush (<i>Rhynchospora alba</i>)	55	●●	UNK	Perennial	Absent	wind	Generalist	0
Flattened spikerush (<i>Eleocharis compressa</i>)	50	●	SC	Perennial	Present	wind	Generalist	0
Scheuchzeria (<i>Scheuchzeria palustris</i>)	41	●	UNK	Perennial	Present	wind	Generalist	0
Bristle-stalked sedge (<i>Carex leptalea</i>)	35	●	UNK	Perennial	Present	wind	Generalist	0
Clustered muhly grass (<i>Muhlenbergia glomerata</i>)	33	●	UNK	Perennial	Present	wind	Generalist	0
Hudson Bay bulrush (<i>Scirpus hudsonianus</i>)	26	●●	UNK	Perennial	Present	wind	Generalist	0

Tufted bulrush (<i>Scirpus cespitosus</i>)	21	●●●●	UNK	Perennial	Absent	wind	Generalist	0
Chamisso's cottongrass (<i>Eriophorum chamissonis</i>)	20	●	UNK	Perennial	Present	wind	Generalist	0
Slender cottongrass (<i>Eriophorum gracile</i>)	18	●	UNK	Perennial	Present	wind	Generalist	0
Prairie sedge (<i>Carex prairea</i>)	14	●●	UNK	Perennial	Present	wind	Generalist	0
Lesser-panicled sedge (<i>Carex diandra</i>)	12	●	UNK	Perennial	Present	wind	Generalist	0
Twin bentgrass (<i>Agrostis hyemalis</i>)	12	●	SI	Perennial	Absent	wind	Generalist	0
Sparse-fruited sedge (<i>Carex tenuiflora</i>)	11	●	UNK	Perennial	Present	wind	Generalist	0
Delicate cottongrass (<i>Eriophorum tenellum</i>)	11	●	UNK	Perennial	Present	wind	Generalist	0
Aquatic sedge (<i>Carex aquatilis</i>)	9	●●●	SI	Perennial	Present	wind	Generalist	0
Fringed brome (<i>Bromus ciliatus</i>)	9	●	SC	Perennial	Absent	wind	Generalist	0
Sooty-colored beak rush (<i>Rhynchospora fusca</i>)	9	●●●	UNK	Perennial	Present	wind	Generalist	0
Slender sedge (<i>Carex echinata</i>)	9	●	UNK	Perennial	Present	wind	Generalist	0
Coastal sedge (<i>Carex exilis</i>)	9	●●●●	UNK	Perennial	Present	wind	Generalist	0
Buxbaum's sedge (<i>Carex buxbaumii</i>)	8	●●●	UNK	Perennial	Present	wind	Generalist	0
Tall cottongrass (<i>Eriophorum polystachion</i>)	8	●	UNK	Perennial	Present	wind	Generalist	0
Low Shrubs								
Bog rosemary (<i>Andromeda glaucophylla</i>)	68	●●	SC	Perennial	Present	insects	Somewhat specific insect	3
Small cranberry (<i>Vaccinium oxycoccos</i>)	48	●	± SC	Perennial	Present	insects	Somewhat specific insect, Facultative buzz pollination	3
Leatherleaf (<i>Chamaedaphne calyculata</i>)	32	●●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Sweet gale (<i>Myrica gale</i>)	9	●	D	Perennial	Present	insects	Early spring insect	5
Labrador tea (<i>Ledum groenlandicum</i>)	9	●	SC	Perennial	Present	insects	Early spring insect	3
Tall Shrubs								
Bog birch (<i>Betula pumila</i>)	59	●●●	Di	Perennial	Present	wind	Generalist	0
Bog willow (<i>Salix pedicellaris</i>)	47	●	D	Perennial	Present	insects	Early spring insect	5
Shrubby cinquefoil (<i>Potentilla fruticosa</i>)	21	●●	SC	Perennial	Absent	insects	Generalist	3
Slender willow (<i>Salix petiolaris</i>)	12	●	D	Perennial	Present	insects	Early spring insect	5
Autumn willow (<i>Salix serissima</i>)	11	●	D	Perennial	Present	insects	Early spring insect	5
Dwarf alder (<i>Rhamnus alnifolia</i>)	9	●	UNK	Perennial	Absent	insects	Generalist	4
Sage-leaved willow (<i>Salix candida</i>)	9	●	D	Perennial	Present	insects	Early spring insect	5
Tree Seedlings or Saplings (< 6ft)								
Tamarack (U) (<i>Larix laricina</i>)	32	●●	SI	Perennial	Absent	wind	Generalist	0

*Big-leaf white violet or Northern white violet (*Viola blanda* or *V. macloskeyi*)