

OPn92 Northern Rich Fen (Basin)

Pollinator Resources

Open peatlands on deep, well-decomposed peat or floating peat mats in basins, often adjacent to lakes and ponds. Dominated by fine-leaved graminoids or shrubs.

Examples of insect pollinators (and their associated host plants in parentheses) that use OPn92 include:

Bees:

Megachile campanulae (*Campanula*)

Andrena bradleyi (*Vaccinium*)

Hylaeus sparsus (*Apiaceae*)

Andrena andrenoides (*Salix*)

Butterflies:

Erebia discoidalis (*Carex chordorrhiza*)

Poanes viator (*Carex lacustris*)

Boloria chariclea (*Viola*)

Moths:

Papaipema lysimachiae (*Lysimachia thyrsoiflora*)

Malacosoma californica (*Betula pumila*)

Papaipema aweme (*Menyanthes trifoliata*)



Andrena bradleyi uses *Vaccinium* (blueberry, cranberry) species as a host plant.

Photo: Max McCarthy

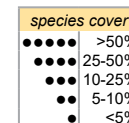


Erebia discoidalis (red-disked alpine) uses *Carex chordorrhiza* (creeping sedge) as a host plant. Photo: Kyle Johnson

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Pollinator Resources Table

OPn92 Class Factsheet. Based on 102 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Marsh cinquefoil (<i>Potentilla palustris</i>)	70	●	SC	Perennial	Present	insects	Generalist	2
Northern marsh fern (<i>Thelypteris palustris</i>)	65	●●●	SC	Perennial	Present	wind, water	Generalist	0
Tufted loosestrife (<i>Lysimachia thyrsoiflora</i>)	59	●	SI	Perennial	Present	insects	Generalist	4
Marsh St. John's wort (<i>Triadenum fraseri</i>)	59	●	UNK	Perennial	Present	insects	Generalist	3
Northern bugleweed (<i>Lycopus uniflorus</i>)	48	●	SC	Perennial	Weakly	insects	Generalist	2
Marsh bellflower (<i>Campanula aparinoides</i>)	44	●	UNK	Perennial	Present	insects	Generalist	3
Linear-leaved, Marsh, or Downy willow-herb*	42	●	Varies	Perennial	Present	insects	Generalist	3
Bog aster (<i>Aster borealis</i>)	35	●	UNK	Perennial	Present	insects	Generalist	3
Round-leaved sundew (<i>Drosera rotundifolia</i>)	35	●	SC	Perennial	Absent	insects	Generalist	3
Water horsetail (<i>Equisetum fluviatile</i>)	32	●●	SC	Perennial	Present	wind, water	Generalist	0
Bulb-bearing water hemlock (<i>Cicuta bulbifera</i>)	31	●	UNK	Perennial	Absent	insects	Generalist	4
Labrador bedstraw (<i>Galium labradoricum</i>)	28	●	UNK	Perennial	Present	insects	Generalist	3
Intermediate bladderwort (<i>Utricularia intermedia</i>)	25	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Marsh skullcap (<i>Scutellaria galericulata</i>)	25	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Broad-leaved arrowhead (<i>Sagittaria latifolia</i>)	25	●●	SI	Perennial	Present	insects	Generalist	4
Great water dock (<i>Rumex orbiculatus</i>)	24	●	UNK	Perennial	UNK	wind	Generalist	0
Northern blue flag (<i>Iris versicolor</i>)	18	●	SC and SI	Perennial	Present	insects	Somewhat specific insect	4
Crested fern (<i>Dryopteris cristata</i>)	18	●	SC	Perennial	Present	wind, water	Generalist	0
Buckbean (<i>Menyanthes trifoliata</i>)	17	●●	H	Perennial	Present	insects	Early spring insect	5
Dwarf raspberry (<i>Rubus pubescens</i>)	14	●	SC	Perennial	Present	insects	Generalist	2
Spotted Joe pye weed (<i>Eupatorium maculatum</i>)	13	●	UNK	Perennial	Present	insects	Generalist	3
Wild calla (<i>Calla palustris</i>)	12	●●	A	Perennial	Present	insects	Somewhat specific insect	3
Bog goldenrod (<i>Solidago uliginosa</i>)	12	●	SI	Perennial	Present	insects	Generalist	4
Arrow-leaved tearthumb (<i>Polygonum sagittatum</i>)	11	●	UNK	Annual	Absent	insects	Generalist	5
Big-leaf white violet or Northern white violet**	11	●	Varies	Perennial	Present	insects	Varies	Varies
Common marsh marigold (<i>Caltha palustris</i>)	10	●	SI	Perennial	Present	insects	Early spring insect	5
Pitcher plant (<i>Sarracenia purpurea</i>)	10	●	SC	Perennial	Present	insects	Generalist	2
Grasses and Sedges								
Fen wiregrass sedge (<i>Carex lasiocarpa</i>)	91	●●●●	SI	Perennial	Present	wind	Generalist	0
Creeping sedge (<i>Carex chordorrhiza</i>)	42	●●	UNK	Perennial	Present	wind	Generalist	0
Bluejoint (<i>Calamagrostis canadensis</i>)	35	●●	A	Perennial	Present	wind	Generalist	0
Beaked sedge (<i>Carex utriculata</i>)	32	●●●	UNK	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	31	●●●	UNK	Perennial	Present	wind	Generalist	0
Interior sedge (<i>Carex interior</i>)	25	●●	UNK	Perennial	Present	wind	Generalist	0
Slender cottongrass (<i>Eriophorum gracile</i>)	22	●	UNK	Perennial	Present	wind	Generalist	0
Prairie sedge (<i>Carex prairea</i>)	18	●●●	UNK	Perennial	Present	wind	Generalist	0
Clustered muhly grass (<i>Muhlenbergia glomerata</i>)	18	●	UNK	Perennial	Present	wind	Generalist	0

Three-way sedge (<i>Dulichium arundinaceum</i>)	17	●●	UNK	Perennial	Present	wind	Generalist	0
Silvery sedge (<i>Carex canescens</i>)	16	●●	UNK	Perennial	Present	wind	Generalist	0
Candle-lantern sedge (<i>Carex limosa</i>)	15	●●	UNK	Perennial	Present	wind	Generalist	0
Woolgrass (<i>Scirpus cyperinus</i>)	14	●	UNK	Perennial	Present	wind	Generalist	0
Slender sedge (<i>Carex echinata</i>)	13	●●	UNK	Perennial	Present	wind	Generalist	0
Twin bentgrass (<i>Agrostis hyemalis</i>)	11	●	SI	Perennial	Absent	wind	Generalist	0
Tall cottongrass (<i>Eriophorum polystachion</i>)	11	●●	UNK	Perennial	Present	wind	Generalist	0
Poor sedge (<i>Carex paupercula</i>)	10	●	UNK	Perennial	Present	wind	Generalist	0
Low Shrubs								
Leatherleaf (<i>Chamaedaphne calyculata</i>)	28	●●●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Large cranberry (<i>Vaccinium macrocarpon</i>)	18	●●●	± SC	Perennial	Present	insects	Somewhat specific insect, Facultative buzz pollination	3
Bog rosemary (<i>Andromeda glaucophylla</i>)	14	●●	SC	Perennial	Present	insects	Somewhat specific insect	3
Small cranberry (<i>Vaccinium oxycoccos</i>)	12	●●●	± SC	Perennial	Present	insects	Somewhat specific insect, Facultative buzz pollination	3
Labrador tea (<i>Ledum groenlandicum</i>)	9	●	SC	Perennial	Present	insects	Early spring insect	3
Tall Shrubs								
Bog willow (<i>Salix pedicellaris</i>)	50	●	D	Perennial	Present	insects	Early spring insect	5
Bog birch (<i>Betula pumila</i>)	40	●●●	Di	Perennial	Present	wind	Generalist	0
Slender willow (<i>Salix petiolaris</i>)	39	●	D	Perennial	Present	insects	Early spring insect	5
Speckled alder (<i>Alnus incana</i>)	23	●●●	Di	Perennial	Present	wind	Generalist	0
Sage-leaved willow (<i>Salix candida</i>)	18	●	D	Perennial	Present	insects	Early spring insect	5
Meadowsweet (<i>Spiraea alba</i>)	18	●	SC	Perennial	Present	insects	Generalist	2
Pussy willow (<i>Salix discolor</i>)	17	●	D	Perennial	Present	insects	Early spring insect	5
Balsam willow (<i>Salix pyrifolia</i>)	17	●	D	Perennial	Present	insects	Early spring insect	5
Red-osier dogwood (<i>Cornus sericea</i>)	15	●	SI	Perennial	Present	insects	Generalist	4
Steeplebush (<i>Spiraea tomentosa</i>)	13	●●●	SC	Perennial	Present	insects	Generalist	2
Autumn willow (<i>Salix serissima</i>)	10	●	D	Perennial	Present	insects	Early spring insect	5
Tree Seedlings or Saplings (>6ft)								
Tamarack	26	●●	SI	Perennial	Absent	wind	Generalist	0
Paper birch	15	●	Di	Perennial	Present	wind	Generalist	0
Red maple	12	●	D	Perennial	Absent	insects	Early spring insect	6
Tree Seedlings or Saplings (< 6ft)								
Tamarack (C) (<i>Larix laricina</i>)	11	●●	SI	Perennial	Absent	wind	Generalist	0

* (*Epilobium leptophyllum*, *E. palustre*, or *E. strictum*); **Big-leaf white violet or Northern white violet (*Viola blanda* or *V. macloskeyi*)