

OPn93 Northern Extremely Rich Fen Pollinator Resources

Open peatlands dominated by fine-leaved graminoids scattered in channels of standing water. Present in areas of calcium-rich groundwater discharge in large patterned peatlands.

Examples of insect pollinators (and their associated host plants in parentheses) that use OPn93 include:

Bees:

Dufourea harveyi (*Dasiphora fruticose*)

Andrena hirticincta (*Symphotrichum*)

Osmia virga (*Vaccinium*)

Butterflies:

Boloria frigga (*Andromeda polifolia* var. *latifolia*)

Colias interior (*Vaccinium*)

Euphyes dion (*Carex*)

Moths:

Dasychira cinnamomea (*Andromeda polifolia* var. *latifolia*)

Exyra fax (*Sarracenia purpurea* subs. *purpurea*)

Papaipema aweme (*Menyanthes trifoliata*)

Phyllonorycter ledella (*Rhododendron groenlandicum*)



Andrena hirticincta uses *Symphotrichum* (American asters) species as a host plant. Photo: Heather Holm



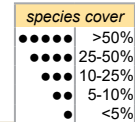
Papaipema aweme (Aweme borer moth) uses *Menyanthes trifoliata* (buckbean) as a host plant.

Photo by Kye Johnson

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Pollinator Resources Table

OPn93 Class Factsheet. Based on 9 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Pitcher plant (<i>Sarracenia purpurea</i>)	89	●	SC	Perennial	Present	insects	Generalist	2
Intermediate bladderwort (<i>Utricularia intermedia</i>)	78	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Buckbean (<i>Menyanthes trifoliata</i>)	78	●●	H	Perennial	Present	insects	Early spring insect	5
Kalm's lobelia (<i>Lobelia kalmii</i>)	56	●	UNK	Perennial	Weakly	insects	Very specialized insect	5
Seaside arrowgrass (<i>Triglochin maritima</i>)	56	●	UNK	Perennial	Present	wind	Generalist	0
Marsh grass-of-Parnassus (<i>Parnassia palustris</i>)	44	●	SC	Perennial	Present	insects	Generalist	2
Horned bladderwort (<i>Utricularia cornuta</i>)	33	●	CH	Perennial	Present	insects	Somewhat specific insect	5
Round-leaved sundew (<i>Drosera rotundifolia</i>)	33	●	SC	Perennial	Absent	insects	Generalist	3
English sundew (<i>Drosera anglica</i>)	33	●	SC	Perennial	Absent	insects	Generalist	3
Bog aster (<i>Aster borealis</i>)	33	●	UNK	Perennial	Present	insects	Generalist	3
American grass-of-Parnassus (<i>Parnassia glauca</i>)	22	●	UNK	Perennial	Present	insects	Generalist	3
Spatulate-leaved sundew (<i>Drosera intermedia</i>)	22	●	SC	Perennial	Absent	insects	Generalist	3
Marsh bellflower (<i>Campanula aparinoides</i>)	11	●	UNK	Perennial	Present	insects	Generalist	3
Labrador bedstraw (<i>Galium labradoricum</i>)	11	●	UNK	Perennial	Present	insects	Generalist	3
Wild calla (<i>Calla palustris</i>)	11	●	A	Perennial	Present	insects	Somewhat specific insect	3
Marsh cinquefoil (<i>Potentilla palustris</i>)	11	●	SC	Perennial	Present	insects	Generalist	2
Lesser bladderwort (<i>Utricularia minor</i>)	11	●	CH	Perennial	Present	insects	Somewhat specific insect	5
Sticky false asphodel (<i>Tofieldia glutinosa</i>)	11	●	UNK	Perennial	Present	insects	Generalist	3
Grasses and Sedges								
Candle-lantern sedge (<i>Carex limosa</i>)	89	●	UNK	Perennial	Present	wind	Generalist	0
Tufted bulrush (<i>Scirpus cespitosus</i>)	78	●●●	UNK	Perennial	Absent	wind	Generalist	0
Fen wiregrass sedge (<i>Carex lasiocarpa</i>)	78	●●●●	SI	Perennial	Present	wind	Generalist	0
Flattened spikerush (<i>Eleocharis compressa</i>)	67	●	SC	Perennial	Present	wind	Generalist	0
Twig rush (<i>Cladium mariscoides</i>)	67	●●●	UNK	Perennial	Present	wind	Generalist	0
Common reed grass (<i>Phragmites australis</i>)	56	●●	SI	Perennial	Present	wind	Generalist	0
Lead-colored sedge (<i>Carex livida</i>)	44	●	UNK	Perennial	Present	wind	Generalist	0
White beak rush (<i>Rhynchospora alba</i>)	44	●	UNK	Perennial	Absent	wind	Generalist	0
Interior sedge (<i>Carex interior</i>)	33	●	UNK	Perennial	Present	wind	Generalist	0
Hudson Bay bulrush (<i>Scirpus hudsonianus</i>)	33	●	UNK	Perennial	Present	wind	Generalist	0
Beaked spikerush (<i>Eleocharis rostellata</i>)	33	●●●	SC	Perennial	Present	wind	Generalist	0
Creeping sedge (<i>Carex chordorrhiza</i>)	22	●	UNK	Perennial	Present	wind	Generalist	0
Clustered muhly grass (<i>Muhlenbergia glomerata</i>)	22	●	UNK	Perennial	Present	wind	Generalist	0
Slender sedge (<i>Carex echinata</i>)	22	●	UNK	Perennial	Present	wind	Generalist	0
Coastal sedge (<i>Carex exilis</i>)	22	●●	UNK	Perennial	Present	wind	Generalist	0
Sterile sedge (<i>Carex sterilis</i>)	22	●●	D	Perennial	Present	wind	Generalist	0
Prairie sedge (<i>Carex prairea</i>)	11	●	UNK	Perennial	Present	wind	Generalist	0
Soft stem bulrush (<i>Scirpus validus</i>)	11	●	UNK	Perennial	Present	wind	Generalist	0

Low Shrubs									
Bog rosemary (<i>Andromeda glaucophylla</i>)	89	●	SC	Perennial	Present	insects	Somewhat specific insect		3
Labrador tea (<i>Ledum groenlandicum</i>)	22	●	SC	Perennial	Present	insects	Early spring insect		3
Small cranberry (<i>Vaccinium oxycoccos</i>)	22	●	± SC	Perennial	Present	insects	Somewhat specific insect, Facultative buzz pollination		3
Tall Shrubs									
Bog birch (<i>Betula pumila</i>)	78	●	Di	Perennial	Present	wind	Generalist		0
Shrubby cinquefoil (<i>Potentilla fruticosa</i>)	33	●●	SC	Perennial	Absent	insects	Generalist		3
Dwarf alder (<i>Rhamnus alnifolia</i>)	22	●	UNK	Perennial	Absent	insects	Generalist		4
Tree Seedlings or Saplings (< 6ft)									
White cedar	67	●	UNK	Perennial	Absent	wind	Generalist		0
Tamarack	56	●●●	SI	Perennial	Absent	wind	Generalist		0
Black spruce	33	●	UNK	Perennial	Absent	wind	Generalist		0