OPn81 Northern Shrub Shore FenPollinator Resources

Shrub-dominated peatlands on floating mats along margins of peatlands in ponds, lakes, and streams.

Examples of insect pollinators (and their associated host plants in parentheses) that use OPn81 include:

Bees:

Andrena melanochroa (Rosaceae) Osmia laticeps (Vaccinium) Andrena frigida (Salix)

Butterflies:

Euphyes dion (Carex) Chlosyne gorgone (Lysimachia thrysiflora) Boloria frigga (Kalmia and Andromeda)

Moths:

Acleris oxycoccana (Chamaedaphne calyculata) Sympistis piffardi (Spiraea alba) Syngrapha montana (Rhododendron groenlandicum) Catocala badia (Myrica gale)



Andrena frigida uses Salix (willow) species as a host plant. Photo: Michael Veit



Catocala badia (bay underwing) uses Myrica gale (sweetgale) as a host plant. Photo: Kyle Johnson



OPn81 Northern Shrub Shore Fen

Pollinator Resources Table

OPn81 Class Factsheet. Based on 42 plots. November 2024





Of Hot Class FactsHeet. Based Off 42 plots. NOV	2024						● <5%	
Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Marsh cinquefoil (Potentilla palustris)	81	•	SC	Perennial	Present	insects	Generalist	2
Northern marsh fern (Thelypteris palustris)	55	•	SC	Perennial	Present	wind, water	Generalist	0
Tufted loosestrife (Lysimachia thyrsiflora)	55	•	SI	Perennial	Present	insects	Generalist	4
Crested fern (<i>Dryopteris cristata</i>)	45	•	SC	Perennial	Present	wind, water	Generalist	0
Marsh bellflower (Campanula aparinoides)	43	•	UNK	Perennial	Present	insects	Generalist	3
Northern bugleweed (Lycopus uniflorus)	38	•	SC	Perennial	Weakly	insects	Generalist	2
Marsh St. John's wort (Triadenum fraseri)	33	•	UNK	Perennial	Present	insects	Generalist	3
Water horsetail (Equisetum fluviatile)	33	••	SC	Perennial	Present	wind, water	Generalist	0
Northern blue flag (Iris versicolor)	31	•	SC and SI	Perennial	Present	insects	Somewhat specific insect	4
Linear-leaved, Marsh, or Downy willow-herb*	29	•	Varies	Perennial	Present	insects	Generalist	3
Great water dock (Rumex orbiculatus)	26	•	UNK	Perennial	UNK	wind	Generalist	0
Three-leaved false Solomon's seal (Smilacina trifolia)	26	•	UNK	Perennial	Present	insects	Early spring insect	4
Dwarf raspberry (Rubus pubescens)	26	•	SC	Perennial	Present	insects	Generalist	2
Wild calla (Calla palustris)	21	•	Α	Perennial	Present	insects	Somewhat specific insect	3
Marsh skullcap (Scutellaria galericulata)	21	•	SC	Perennial	Present	insects	Somewhat specific insect	3
Round-leaved sundew (Drosera rotundifolia)	21	•	SC	Perennial	Absent	insects	Generalist	3
Arrow-leaved tearthumb (Polygonum sagittatum)	21	•	UNK	Annual	Absent	insects	Generalist	5
Bog goldenrod (Solidago uliginosa)	19	•	SI	Perennial	Present	insects	Generalist	4
Red-stemmed aster (Aster puniceus)	19	•	SI	Perennial	Present	insects	Generalist	4
Bulb-bearing water hemlock (Cicuta bulbifera)	17	•	UNK	Perennial	Absent	insects	Generalist	4
Water smartweed (Polygonum amphibium)	12	•	Ge	Perennial	Present	insects	Generalist	2
Sensitive fern (Onoclea sensibilis)	12	•	SC	Perennial	Present	wind, water	Generalist	0
Bog aster (Aster borealis)	12	•	UNK	Perennial	Present	insects	Generalist	3
Cinnamon fern (Osmunda cinnamomea)	10	•	SC	Perennial	Present	wind, water	Generalist	0
Spinulose shield fern (<i>Dryopteris carthusiana</i>)	10	•	SC	Perennial	Present	wind, water	Generalist	0
Bur marigold and Beggarticks (Bidens spp.)	10	••	Varies	Varies	Varies	insects	Generalist	Varies
Spotted Joe pye weed (Eupatorium maculatum)	10	••	UNK	Perennial	Present	insects	Generalist	3
Grasses and Sedges								
Bluejoint (Calamagrostis canadensis)	79	•••	Α	Perennial	Present	wind	Generalist	0
Lake sedge (Carex lacustris)	62	•••	UNK	Perennial	Present	wind	Generalist	0
Beaked sedge (Carex utriculata)	38	•••	UNK	Perennial	Present	wind	Generalist	0
Fen wiregrass sedge (Carex lasiocarpa)	36	••	SI	Perennial	Present	wind	Generalist	0
Tussock sedge (Carex stricta)	26	•••	UNK	Perennial	Present	wind	Generalist	0
Silvery sedge (Carex canescens)	17	•	UNK	Perennial	Present	wind	Generalist	0
Rattlesnake grass (Glyceria canadensis)	17	••	UNK	Perennial	Present	wind	Generalist	0
Brownish sedge (Carex brunnescens)	14	•••	UNK	Perennial	Present	wind	Generalist	0
Creeping sedge (Carex chordorrhiza)	14	•	UNK	Perennial	Present	wind	Generalist	0

Interior sedge (Carex interior) 12 • UNK Perennial Present wind Generalist Common C									
Soft-leaved sedge (Carex disperma) 12	Poor sedge (Carex paupercula)	14	•	UNK	Perennial	Present	wind	Generalist	0
Leatherlaef Chamaedaphine calyculator) 88	Interior sedge (Carex interior)	12	••	UNK	Perennial	Present	wind	Generalist	0
Leatheriear Chamaeadopine calyculatry 88 ••• SC Perennia Present Insects Early spring insect, Somewhat specific insect 31	Soft-leaved sedge (Carex disperma)	12	•	UNK	Perennial	Present	wind	Generalist	0
Labrador to la (Ledum groen)andicum) 36 • • • • • • • • Perennial Present Insects Sample Cranborry (Voccinium acyococco) 31 • • • • • • • • • • Perennial Present Insects Somewhat specific insect. Facultative buzz pollination 36 • • • • • • • • • Perennial Present Insects Somewhat specific insect Somewhat speci	ow Shrubs								
Small cranberry (Vaccinium oxycoccos) 31	Leatherleaf (Chamaedaphne calyculata)	88	••••	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Bog rosemary (Andromedo glaucophyllo) 19 SC Perennial Present insects Early spring insect, Somewhat specific insect 2 arily spring insect, Somewhat specific insect 3 arily spring insect 4 arily spring insect 5 arily spring insect 5 arily sprin	Labrador tea (Ledum groenlandicum)	36	••	SC	Perennial	Present	insects	Early spring insect	3
Sweet gale (Myrica gole) 14	Small cranberry (Vaccinium oxycoccos)	31	••	± SC	Perennial	Present	insects	Somewhat specific insect, Facultative buzz pollination	3
Seg laurel (Kalmia polifolia) 12	Bog rosemary (Andromeda glaucophylla)	19	•	SC	Perennial	Present	insects	Somewhat specific insect	3
Speckled alder (Alnus incanar) 81	Sweet gale (Myrica gale)	14	••••	D	Perennial	Present	insects	Early spring insect	5
Speckled alder (Alnus incana) 81 ••• DI Perennial Present wind Generalist Generalist C Bog birth (Betula pumlio) 71 ••• DI Perennial Present wind Generalist Generalist 5 Balsam willow (Salik perdicilaris) 45 • DI Perennial Present insects Early spring insect 5 Siender willow (Salik pedicularis) 45 • DI Perennial Present insects Early spring insect 5 Siender willow (Salik pedicularis) 45 • DI Perennial Present insects Generalist 6 5 Red-osier dogwood (Cornus sericea) 29 • SI Perennial Present insects Generalist 6 4 Mountain (I) honeysuckle (Lonicera villoso) 12 • SC Perennial Present insects Sarly spring insect 5 Steeplebush (Spiraca tomentosa) 10 • • SC Perennial Present insects Sarly spring insect 5 Steeplebush (Spiraca tomentosa) 10 • • SC Perennial Present insects Sarly spring insect 5 Steeplebush (Spiraca tomentosa) 10 • DI Perennial Present insects Sarly spring insect 5 Steeplebush (Spiraca tomen	Bog laurel (Kalmia polifolia)	12	•	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Bog birch (Betula pumila) 71 ●●●● Di Perennial Present insects insects Early spring insect 5 Balsam willow (Saliks perifoplia) 50 • D Perennial Present insects insects Early spring insect 5 Slender willow (Saliks petiolaris) 45 • D Perennial Present insects Early spring insect 5 Meadowsweet (Spiroea alba) 43 • SC Perennial Present insects Early spring insect 2 Meadowsweet (Spiroea alba) 43 • SC Perennial Present insects Generalist Meadowsweet (Spiroea alba) 12 SC Perennial Weakly insect SC Generalist Mountain fly honeysuckle (Lonicero villosa) 12 • SC Perennial Weakly insect SC Generalist 44 Mountain fly honeysuckle (Lonicero villosa) 12 • D Perennial Present insects Early spring insect 5 Diamond-leaved willow (Salik serissima) 10 • D Perennial Present insects Early spring insect 5	all Shrubs								
Balsam willow (Salix pyrifolia) 50	Speckled alder (Alnus incana)	81	•••	Di	Perennial	Present	wind	Generalist	0
Seg willow (Salix pedicellaris)	Bog birch (Betula pumila)	71	••••	Di	Perennial	Present	wind	Generalist	0
Sender willow (Salix petiolaris)	Balsam willow (Salix pyrifolia)	50	•	D	Perennial	Present	insects	Early spring insect	5
Meadowswett (Spiraea alba') 43 • SC Perennial Present insects Generalist Adduction (In present insects Generalist) 43 • SC Perennial Present insects Generalist Adduction (In present insects) 54 55 55 55 55 55 55 55 55 5	Bog willow (Salix pedicellaris)	45	•	D	Perennial	Present	insects	Early spring insect	5
Red-osier dogwood (Cornus sericea) 29 SI Perennial Present insects Generalist Generali	Slender willow (Salix petiolaris)	45	••	D	Perennial	Present	insects	Early spring insect	5
Mountain fly honeysuckle (Lonicera villosa) 12	Meadowsweet (Spiraea alba)	43	•	SC	Perennial	Present	insects	Generalist	2
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Tamarack 36		-	-						0
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Black spruce 40 • UNK Perennial Absent wind Generalist Control of	,	36	••	SI	Perennial	Absent	wind	Generalist	0
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Balsam fir 21 • UNK Perennial Absent wind Generalist C	·								0
									0
	Northern red oak	10	•	SI	Perennial	Present	wind	Generalist	0

Balsam fir	21	•	UNK		Absent	wind	Generalist	0
Northern red oak	10	•	SI	Perennial F	Present	wind	Generalist	0

^{*} Linear-leaved, Marsh, or Downy willow-herb (Epilobium leptophyllum, E. palustre, or E. strictum); **American, Purple-leaved, or Northern willow-herb (Epilobium ciliatum, E. coloratum, or E. glandulosum)