

WFn55 Northern Wet Ash Swamp Pollinator Resources

Wet conifer or conifer-hardwood forests on muck or peat soils. Typically present in settings where saturated soils are present through most of the growing season such as depressions; low, level terrain along lakes, rivers, or wetlands; and gently sloping upland drains.

Examples of insect pollinators (and their associated host plants in parentheses) that use WFn55 include:

Bees:

Andrena melanochroa (Rosaceae)
Colletes simulans (Symphyotrichum)
Andrena persimulata (Cornus [Swida])

Butterflies:

Polygonia gracilis (Ribes)
Erebia mancinus (Carex trisperma)
Euphyes dion (Carex)

Moths:

Caloptilia cornusella (Cornus canadensis)
Choristoneura fumiferana (Abies balsamea)
Plagodis kuetzingi (Fraxinus nigra)
Sthenopis argenteomaculatus (Alnus incana)



Andrena melanochroa (rose miner bee) uses species in the Rosaceae (rose) family as a host plant.
Photo: Michael Veit

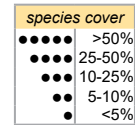


Erebia mancinus (taiga alpine) uses *Carex trisperma* (three-seeded sedge) as a host plant.
Photo: Kyle Johnson

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Pollinator Resources Table

WFn55 Class Factsheet. Based on 90 relevés. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Lady fern (<i>Athyrium filix-femina</i>)	90	●●●	SC	Perennial	Present	wind, water	Generalist	0
Dwarf raspberry (<i>Rubus pubescens</i>)	90	●●●	SC	Perennial	Present	insects	Generalist	2
Sweet-scented bedstraw (<i>Galium triflorum</i>)	76	●	UNK	Perennial	Present	insects	Generalist	3
Touch-me-not (<i>Impatiens spp.</i>)	71	●●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Common strawberry (<i>Fragaria virginiana</i>)	70	●	SC	Perennial	Present	insects	Early spring insect	3
Wild sarsaparilla (<i>Aralia nudicaulis</i>)	70	●	D	Perennial	Present	insects	Generalist	4
Spinulose shield fern or Glandular wood fern (<i>Dryopteris spp.</i>)*	67	●	SC	Perennial	Present	wind, water	Generalist	0
Canada mayflower (<i>Maianthemum canadense</i>)	62	●	SI	Perennial	Present	insects	Early spring insect	5
Alpine enchanter's nightshade (<i>Circaea alpina</i>)	61	●●	SC	Perennial	Present	insects	Generalist	2
Jack-in-the-pulpit (<i>Arisaema triphyllum</i>)	61	●	SI	Perennial	Present	insects	Early spring insect, Somewhat specific insect	5
Naked miterwort (<i>Mitella nuda</i>)	56	●	UNK	Perennial	Present	insects	Early spring insect	4
Wild ginger (<i>Asarum canadense</i>)	56	●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Woodland horsetail (<i>Equisetum sylvaticum</i>)	52	●	SC	Perennial	Present	wind, water	Generalist	0
Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	51	●	D	Perennial	Absent	insects	Generalist	5
Side-flowering aster (<i>Aster lateriflorus</i>)	48	●	SI	Perennial	Present	insects	Generalist	4
Common oak fern (<i>Gymnocarpium dryopteris</i>)	44	●	SC	Perennial	Present	wind, water	Generalist	0
Rose twistedstalk (<i>Streptopus roseus</i>)	43	●	UNK	Perennial	Present	insects	Early spring insect	4
Starflower (<i>Trientalis borealis</i>)	42	●	SI/sc	Perennial	Present	insects	Generalist	3
Early meadow-rue (<i>Thalictrum dioicum</i>)	41	●	SI	Perennial	Present	wind	Generalist	0
Bluebead lily (<i>Clintonia borealis</i>)	40	●	SI	Perennial	Present	insects	Generalist	4
Sensitive fern (<i>Onoclea sensibilis</i>)	40	●●	SC	Perennial	Present	wind, water	Generalist	0
Red baneberry (<i>Actaea rubra</i>)	39	●	SC	Perennial	Present	insects	Early spring insect	3
Ostrich fern (<i>Matteuccia struthiopteris</i>)	38	●●●	SC	Perennial	Present	wind, water	Generalist	0
Large-leaved aster (<i>Aster macrophyllus</i>)	38	●●	A	Perennial	Present	insects	Generalist	2
Nodding trillium (<i>Trillium cernuum</i>)	38	●	A	Perennial	Present	insects	Early spring insect	3
Common marsh marigold (<i>Caltha palustris</i>)	37	●	SI	Perennial	Present	insects	Early spring insect	5
Wood anemone (<i>Anemone quinquefolia</i>)	37	●	UNK	Perennial	Present	insects	Early spring insect	4
Northern bugleweed (<i>Lycopus uniflorus</i>)	37	●	SC	Perennial	Weakly	insects	Generalist	2
Red-stemmed aster (<i>Aster puniceus</i>)	34	●	SI	Perennial	Present	insects	Generalist	4
Spotted water hemlock (<i>Cicuta maculata</i>)	34	●	SC	Perennial	Present	insects	Generalist	2
Flat-topped aster (<i>Aster umbellatus</i>)	33	●	UNK	Perennial	Present	insects	Generalist	3
Meadow horsetail (<i>Equisetum pratense</i>)	29	●●	SC	Perennial	Present	wind, water	Generalist	0
Grasses and Sedges								
Graceful sedge (<i>Carex gracillima</i>)	63	●●	UNK	Perennial	Present	wind	Generalist	0
Bladder sedge (<i>Carex intumescens</i>)	57	●●	UNK	Perennial	Present	wind	Generalist	0
Fowl manna grass (<i>Glyceria striata</i>)	51	●	UNK	Perennial	Present	wind	Generalist	0
Long-stalked sedge (<i>Carex pedunculata</i>)	37	●●	SC	Perennial	Present	wind	Generalist	0

Bluejoint (<i>Calamagrostis canadensis</i>)	37	●●	A	Perennial	Present	wind	Generalist	0
Awl-fruited sedge (<i>Carex stipata</i>)	29	●●	UNK	Perennial	Present	wind	Generalist	0
Starry sedge (<i>Carex rosea</i> or <i>C. radiata</i>)	29	●	UNK	Perennial	Present	wind	Generalist	0
Drooping woodreed (<i>Cinna latifolia</i>)	28	●	UNK	Perennial	Weakly	wind	Generalist	0
Climbing Plants								
Virginia creeper (<i>Parthenocissus</i> spp.)	50	●	SC	Perennial	Present	insects	Generalist	2
Low Shrubs								
Red raspberry (<i>Rubus idaeus</i>)	57	●●	SC	Perennial	Present	insects	Generalist	2
Shrubs								
Mountain maple (<i>Acer spicatum</i>)	68	●●●	SI	Perennial	Absent	insects	Early spring insect	6
Beaked hazelnut (<i>Corylus cornuta</i>)	67	●●	Di	Perennial	Present	wind	Generalist	0
Chokecherry (<i>Prunus virginiana</i>)	52	●	SI	Perennial	Present	insects	Early spring insect	5
Swamp red currant (<i>Ribes triste</i>)	52	●	SI	Perennial	Present	insects	Generalist	4
Poison ivy (<i>Toxicodendron rydbergii</i>)	37	●	D	Perennial	Present	insects	Generalist	4
Speckled alder (<i>Alnus incana</i>)	34	●●	Di	Perennial	Present	wind	Generalist	0
Swamp gooseberry (<i>Ribes hirtellum</i>)	32	●	SI	Perennial	Present	insects	Generalist	4
Tree Canopy								
Black ash	91	●●●●	D	Perennial	Absent	wind	Generalist	0
Yellow birch	28	●●●	Di	Perennial	Present	wind	Generalist	0
Quaking aspen	26	●●●	D	Perennial	Present	wind	Generalist	0
Paper birch	26	●●	Di	Perennial	Present	wind	Generalist	0
Green ash	22	●●●	D	Perennial	UNK	wind	Generalist	0
Basswood	22	●●	SI	Perennial	Absent	insects	Generalist	5
Red maple	20	●●●	D	Perennial	Absent	insects	Early spring insect	6
White cedar	18	●●●	UNK	Perennial	Absent	wind	Generalist	0
Balsam poplar	16	●●●	D	Perennial	Present	wind	Generalist	0
American elm	16	●●	Di	Perennial	Absent	wind	Generalist	0
Balsam fir	14	●●●	UNK	Perennial	Absent	wind	Generalist	0
Bur oak	8	●●	SI	Perennial	Present	wind	Generalist	0
Sugar maple	-	-	D	Perennial	Absent	insects	Early spring insect	6
Tree Shrub Layer								
Black ash	87	●●	D	Perennial	Absent	wind	Generalist	0
Yellow birch	21	●	Di	Perennial	Present	wind	Generalist	0
Quaking aspen	23	●	D	Perennial	Present	wind	Generalist	0
Paper birch	13	●	Di	Perennial	Present	wind	Generalist	0
Green ash	24	●●	D	Perennial	UNK	wind	Generalist	0
Basswood	34	●	SI	Perennial	Absent	insects	Generalist	5
Red maple	48	●	D	Perennial	Absent	insects	Early spring insect	6
White cedar	12	●	UNK	Perennial	Absent	wind	Generalist	0
Balsam poplar	19	●	D	Perennial	Present	wind	Generalist	0
American elm	58	●●	Di	Perennial	Absent	wind	Generalist	0

Balsam fir	47	•	UNK	Perennial	Absent	wind	Generalist	0
Bur oak	36	•	SI	Perennial	Present	wind	Generalist	0
Sugar maple	23	•	D	Perennial	Absent	insects	Early spring insect	6

* Spinulose shield fern or Glandular wood fern (*Dryopteris carthusiana* or *D. intermedia*)