

WFN64 Northern Very Wet Ash Swamp Pollinator Resources

Wet hardwood or hardwood-conifer forests on peaty soils in small closed depressions or around the edges of large peatlands. Typically with standing water present throughout spring and summer.

Examples of insect pollinators (and their associated host plants in parentheses) that use WFN64 include:

Bees:

Andrena melanochroa (Rosaceae)

Andrena hirticincta (*Symphyotrichum*)

Colletes simulans (*Solidago*)

Butterflies:

Satyrium titus (*Prunus*)

Polygonia gracilis (*Ribes*)

Euphyes dion (*Carex*)

Moths:

Caloptilia alnicolella (*Alnus incana*)

Loscopia velata (*Carex stipata*)

Macronoctua onusta (*Iris versicolor*)

Oidaematophorus eupatorii (*Eutrochium maculatum*)



Colletes simulans (spine-shouldered cellophane bee) uses *Solidago* (goldenrod) species as a host plant. Photo: Heather Holm

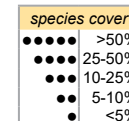


Caloptilia alnicolella uses *Alnus incana* (grey alder) as a host plant. Photo: Kyle Johnson

WFn64 Northern Very Wet Ash Swamp

Pollinator Resources Table

WFn64 Class Factsheet. Based on 98 relevés. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Dwarf raspberry (<i>Rubus pubescens</i>)	94	●●	SC	Perennial	Present	insects	Generalist	2
Lady fern (<i>Athyrium filix-femina</i>)	84	●	SC	Perennial	Present	wind, water	Generalist	0
Touch-me-not (<i>Impatiens</i> spp.)	84	●●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Common marsh marigold (<i>Caltha palustris</i>)	80	●	SI	Perennial	Present	insects	Early spring insect	5
Northern bugleweed (<i>Lycopus uniflorus</i>)	76	●	SC	Perennial	Weakly	insects	Generalist	2
Spinulose shield fern or Glandular wood fern (<i>Dryopteris</i> spp.)*	74	●	SC	Perennial	Present	wind, water	Generalist	0
Sensitive fern (<i>Onoclea sensibilis</i>)	67	●●	SC	Perennial	Present	wind, water	Generalist	0
Naked miterwort (<i>Mitella nuda</i>)	66	●	UNK	Perennial	Present	insects	Early spring insect	4
Common strawberry (<i>Fragaria virginiana</i>)	66	●	SC	Perennial	Present	insects	Early spring insect	3
Crested fern (<i>Dryopteris cristata</i>)	65	●	SC	Perennial	Present	wind, water	Generalist	0
Sweet-scented bedstraw (<i>Galium triflorum</i>)	65	●	UNK	Perennial	Present	insects	Generalist	3
Red-stemmed aster (<i>Aster puniceus</i>)	64	●	SI	Perennial	Present	insects	Generalist	4
Mad dog skullcap (<i>Scutellaria lateriflora</i>)	61	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Canada mayflower (<i>Maianthemum canadense</i>)	59	●	SI	Perennial	Present	insects	Early spring insect	5
Alpine enchanter's nightshade (<i>Circaea alpina</i>)	56	●	SC	Perennial	Present	insects	Generalist	2
Wild sarsaparilla (<i>Aralia nudicaulis</i>)	51	●	D	Perennial	Present	insects	Generalist	4
Starflower (<i>Trientalis borealis</i>)	45	●	SI/sc	Perennial	Present	insects	Generalist	3
Jack-in-the-pulpit (<i>Arisaema triphyllum</i>)	43	●	SI	Perennial	Present	insects	Early spring insect, Somewhat specific insect	5
Spotted Joe pye weed (<i>Eupatorium maculatum</i>)	40	●	UNK	Perennial	Present	insects	Generalist	3
Side-flowering aster (<i>Aster lateriflorus</i>)	38	●	SI	Perennial	Present	insects	Generalist	4
Northern blue flag (<i>Iris versicolor</i>)	38	●	SC and SI	Perennial	Present	insects	Somewhat specific insect	4
Bur marigold and Beggarticks (<i>Bidens</i> spp.)	35	●	Varies	Varies	Varies	insects	Generalist	Varies
Bunchberry (<i>Cornus canadensis</i>)	35	●	SI	Perennial	Present	insects	Generalist	4
Giant goldenrod (<i>Solidago gigantea</i>)	35	●	GM	Perennial	Present	insects	Generalist	4
Common oak fern (<i>Gymnocarpium dryopteris</i>)	34	●	SC	Perennial	Present	wind, water	Generalist	0
Cinnamon fern (<i>Osmunda cinnamomea</i>)	34	●●●	SC	Perennial	Present	wind, water	Generalist	0
Northern marsh fern (<i>Thelypteris palustris</i>)	33	●	SC	Perennial	Present	wind, water	Generalist	0
Rough bedstraw (<i>Galium asprellum</i>)	30	●	UNK	Perennial	Present	insects	Generalist	3
Woodland horsetail (<i>Equisetum sylvaticum</i>)	29	●●	SC	Perennial	Present	wind, water	Generalist	0
Grasses and Sedges								
Fowl manna grass (<i>Glyceria striata</i>)	69	●●●	UNK	Perennial	Present	wind	Generalist	0
Awl-fruited sedge (<i>Carex stipata</i>)	57	●	UNK	Perennial	Present	wind	Generalist	0
Bluejoint (<i>Calamagrostis canadensis</i>)	54	●●●	A	Perennial	Present	wind	Generalist	0
Bladder sedge (<i>Carex intumescens</i>)	51	●	UNK	Perennial	Present	wind	Generalist	0
Bristle-stalked sedge (<i>Carex leptalea</i>)	48	●●●	UNK	Perennial	Present	wind	Generalist	0
Graceful sedge (<i>Carex gracillima</i>)	44	●	UNK	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	38	●●●	UNK	Perennial	Present	wind	Generalist	0

Fringed brome (<i>Bromus ciliatus</i>)	35	●	SC	Perennial	Absent	wind	Generalist	0
Drooping woodreed (<i>Cinna latifolia</i>)	33	●	UNK	Perennial	Weakly	wind	Generalist	0
Soft-leaved sedge (<i>Carex disperma</i>)	30	●	UNK	Perennial	Present	wind	Generalist	0
Climbing Plants								
Virginia creeper (<i>Parthenocissus</i> spp.)	43	●	SC	Perennial	Present	insects	Generalist	2
Low Shrubs								
Red raspberry (<i>Rubus idaeus</i>)	69	●	SC	Perennial	Present	insects	Generalist	2
Shrubs								
Speckled alder (<i>Alnus incana</i>)	70	●●●	Di	Perennial	Present	wind	Generalist	0
Red-osier dogwood (<i>Cornus sericea</i>)	55	●	SI	Perennial	Present	insects	Generalist	4
Mountain maple (<i>Acer spicatum</i>)	48	●●●	SI	Perennial	Absent	insects	Early spring insect	6
Wild black currant (<i>Ribes americanum</i>)	48	●	SI	Perennial	Present	insects	Generalist	4
Swamp gooseberry (<i>Ribes hirtellum</i>)	47	●	SI	Perennial	Present	insects	Generalist	4
Swamp red currant (<i>Ribes triste</i>)	44	●	SI	Perennial	Present	insects	Generalist	4
Winterberry (<i>Ilex verticillata</i>)	42	●●	PD	Perennial	Present	insects	Generalist	4
Chokecherry (<i>Prunus virginiana</i>)	37	●	SI	Perennial	Present	insects	Early spring insect	5
Highbush cranberry (<i>Viburnum trilobum</i>)	33	●	UNK	Perennial	Present	insects	Generalist	3
Beaked hazelnut (<i>Corylus cornuta</i>)	33	●	Di	Perennial	Present	wind	Generalist	0
Dwarf alder (<i>Rhamnus alnifolia</i>)	32	●	UNK	Perennial	Absent	insects	Generalist	4
Juneberries (<i>Amelanchier</i> spp.)	30	●	Varies	Perennial	Present	insects	Early spring insect	Varies
Tree Canopy								
Black ash	87	●●●●	D	Perennial	Absent	wind	Generalist	0
Yellow birch	17	●●	Di	Perennial	Present	wind	Generalist	0
White cedar	17	●●●	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	17	●	Di	Perennial	Present	wind	Generalist	0
Balsam fir	13	●	UNK	Perennial	Absent	wind	Generalist	0
Red maple	12	●●	D	Perennial	Absent	insects	Early spring insect	6
Tamarack	11	●●●	SI	Perennial	Absent	wind	Generalist	0
American elm	8	●●	Di	Perennial	Absent	wind	Generalist	0
Red elm	8	●●	Di	Perennial	Absent	wind	Generalist	0
Tree Subcanopy								
Black ash	91	●●●●	D	Perennial	Absent	wind	Generalist	0
Yellow birch	26	●●	Di	Perennial	Present	wind	Generalist	0
White cedar	21	●●	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	21	●	Di	Perennial	Present	wind	Generalist	0
Balsam fir	36	●	UNK	Perennial	Absent	wind	Generalist	0
Red maple	34	●●	D	Perennial	Absent	insects	Early spring insect	6
Tamarack	-	-	SI	Perennial	Absent	wind	Generalist	0
American elm	29	●●	Di	Perennial	Absent	wind	Generalist	0
Red elm	14	●	Di	Perennial	Absent	wind	Generalist	0

Tree Shrub Layer

Black ash	83	●●	D	Perennial	Absent	wind	Generalist	0
Yellow birch	19	●●	Di	Perennial	Present	wind	Generalist	0
White cedar	21	●	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	14	●	Di	Perennial	Present	wind	Generalist	0
Balsam fir	45	●	UNK	Perennial	Absent	wind	Generalist	0
Red maple	54	●	D	Perennial	Absent	insects	Early spring insect	6
Tamarack	9	●	SI	Perennial	Absent	wind	Generalist	0
American elm	37	●	Di	Perennial	Absent	wind	Generalist	0
Red elm	22	●	Di	Perennial	Absent	wind	Generalist	0

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