

WFw54 Northwestern Wet Aspen Forest

Pollinator Resources

Wet hardwood and hardwood-conifer forests in depressions and on level to gently sloping lacustrine deposits in the Glacial Lake Agassiz plain.

Examples of insect pollinators (and their associated host plants in parentheses) that use WFw54 include:

Bees:

Andrena melanochroa (Rosaceae)

Andrena erythrogaster (*Salix*)

Andrena asteris (*Symphyotrichum*)

Butterflies:

Pyrgus centaureae (*Fragaria virginiana*)

Erynnis icelus (*Populus tremuloides*)

Polygonia progne (*Ribes*)

Moths:

Acleris cornana (*Cornus sericea*)

Mesoleuca ruficillata (*Rubus idaeus* var. *strigosus*)

Hemileuca nevadensis (*Populus tremuloides*)

Amphipyra pyramidoides (*Corylus cornuta*)



Andrena asteris (aster miner bee) uses *Symphyotrichum* (American asters) species as a host plant. Photo: Heather Holm

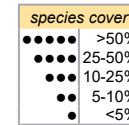


Polygonia progne (gray comma) uses *Ribes* (currant, gooseberry) species as a host plant. Photo: Bob Dunlap

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Pollinator Resources Table

WFw54 Class Factsheet. Based on 27 relevés. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Side-flowering aster (<i>Aster lateriflorus</i>)	93	●	SI	Perennial	Present	insects	Generalist	4
Dwarf raspberry (<i>Rubus pubescens</i>)	85	●●●	SC	Perennial	Present	insects	Generalist	2
Common strawberry (<i>Fragaria virginiana</i>)	81	●●	SC	Perennial	Present	insects	Early spring insect	3
Palmate sweet coltsfoot (<i>Petasites frigidus</i>)	74	●	D	Perennial	Present	insects	Early spring insect	5
Sweet-scented bedstraw (<i>Galium triflorum</i>)	70	●	UNK	Perennial	Present	insects	Generalist	3
Wild sarsaparilla (<i>Aralia nudicaulis</i>)	70	●●	D	Perennial	Present	insects	Generalist	4
Naked miterwort (<i>Mitella nuda</i>)	63	●●	UNK	Perennial	Present	insects	Early spring insect	4
Field horsetail (<i>Equisetum arvense</i>)	59	●	SC	Perennial	Present	wind, water	Generalist	0
Lindley's aster (<i>Aster ciliolatus</i>)	56	●	UNK	Perennial	Present	insects	Generalist	3
Canada mayflower (<i>Maianthemum canadense</i>)	52	●	SI	Perennial	Present	insects	Early spring insect	5
Rattlesnake fern (<i>Botrychium virginianum</i>)	52	●	SC	Perennial	Present	wind, water	Generalist	0
Red-stemmed aster (<i>Aster puniceus</i>)	52	●	SI	Perennial	Present	insects	Generalist	4
Maryland black snakeroot (<i>Sanicula marilandica</i>)	52	●	UNK	Perennial	Absent	insects	Generalist	4
Starry false Solomon's seal (<i>Smilacina stellata</i>)	48	●	UNK	Perennial	Present	insects	Early spring insect	4
Red baneberry (<i>Actaea rubra</i>)	48	●	SC	Perennial	Present	insects	Early spring insect	3
Giant goldenrod (<i>Solidago gigantea</i>)	48	●●	GM	Perennial	Present	insects	Generalist	4
Northern bedstraw (<i>Galium boreale</i>)	44	●●	SI	Perennial	Present	insects	Generalist	4
Yellow avens (<i>Geum aleppicum</i>)	44	●	UNK	Perennial	Present	insects	Generalist	3
Bunchberry (<i>Cornus canadensis</i>)	37	●	SI	Perennial	Present	insects	Generalist	4
Spotted Joe pye weed (<i>Eupatorium maculatum</i>)	33	●	UNK	Perennial	Present	insects	Generalist	3
Canada goldenrod (<i>Solidago canadensis</i>)	33	●●	SI	Perennial	Present	insects	Generalist	4
Spreading dogbane (<i>Apocynum androsaemifolium</i>)	33	●	SI	Perennial	Present	insects	Generalist	4
Wild ginger (<i>Asarum canadense</i>)	33	●●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Arrow-leaved sweet coltsfoot (<i>Petasites sagittatus</i>)	33	●	D	Perennial	Present	insects	Early spring insect	5
Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	33	●	D	Perennial	Absent	insects	Generalist	5
Spinulose shield fern or Glandular wood fern *	30	●	SC	Perennial	Present	wind, water	Generalist	0
Touch-me-not (<i>Impatiens</i> spp.)	30	●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Flat-topped aster (<i>Aster umbellatus</i>)	30	●●	UNK	Perennial	Present	insects	Generalist	3
Woodland horsetail (<i>Equisetum sylvaticum</i>)	26	●	SC	Perennial	Present	wind, water	Generalist	0
Tall meadow-rue (<i>Thalictrum dasycarpum</i>)	26	●●●	D	Perennial	Present	wind	Generalist	0
Big-leaved avens (<i>Geum macrophyllum</i>)	26	●	UNK	Perennial	Present	insects	Generalist	3
Northern blue flag (<i>Iris versicolor</i>)	26	●	SC and SI	Perennial	Present	insects	Somewhat specific insect	4
Grasses and Sedges								
Bluejoint (<i>Calamagrostis canadensis</i>)	78	●●●	A	Perennial	Present	wind	Generalist	0
Fringed brome (<i>Bromus ciliatus</i>)	52	●	SC	Perennial	Absent	wind	Generalist	0
Fowl manna grass (<i>Glyceria striata</i>)	37	●	UNK	Perennial	Present	wind	Generalist	0
Dewey's sedge (<i>Carex deweyana</i>)	33	●	UNK	Perennial	Present	wind	Generalist	0

Lake sedge (<i>Carex lacustris</i>)	33	●	UNK	Perennial	Present	wind	Generalist	0
Mountain rice grass (<i>Oryzopsis asperifolia</i>)	30	●	UNK	Perennial	Absent	wind	Generalist	0
Climbing Plants								
Wild honeysuckle (<i>Lonicera dioica</i>)	30	●	SC	Perennial	Weakly	insects	Somewhat specific insect	3
Low Shrubs								
Red raspberry (<i>Rubus idaeus</i>)	78	●●●	SC	Perennial	Present	insects	Generalist	2
Poison ivy (<i>Toxicodendron rydbergii</i>)	37	●●	D	Perennial	Present	insects	Generalist	4
Shrubs								
Prickly or Smooth wild rose (<i>Rosa acicularis</i> or <i>R. blanda</i>)	85	●	SC	Perennial	Present	insects	Generalist	2
Red-osier dogwood (<i>Cornus sericea</i>)	78	●●●	SI	Perennial	Present	insects	Generalist	4
Dwarf alder (<i>Rhamnus alnifolia</i>)	74	●	UNK	Perennial	Absent	insects	Generalist	4
Swamp gooseberry (<i>Ribes hirtellum</i>)	67	●	SI	Perennial	Present	insects	Generalist	4
Chokecherry (<i>Prunus virginiana</i>)	63	●	SI	Perennial	Present	insects	Early spring insect	5
Speckled alder (<i>Alnus incana</i>)	56	●●●●	Di	Perennial	Present	wind	Generalist	0
Highbush cranberry (<i>Viburnum trilobum</i>)	56	●	UNK	Perennial	Present	insects	Generalist	3
Juneberries (<i>Amelanchier spp.</i>)	56	●	Varies	Perennial	Present	insects	Early spring insect	Varies
Beaked hazelnut (<i>Corylus cornuta</i>)	48	●	Di	Perennial	Present	wind	Generalist	0
Bebb's willow (<i>Salix bebbiana</i>)	44	●●	D	Perennial	Present	insects	Early spring insect	5
Wild black currant (<i>Ribes americanum</i>)	44	●	SI	Perennial	Present	insects	Generalist	4
Swamp red currant (<i>Ribes triste</i>)	41	●	SI	Perennial	Present	insects	Generalist	4
Nannyberry (<i>Viburnum lentago</i>)	30	●	SI	Perennial	Present	insects	Generalist	4
Tree Canopy								
Quaking aspen	74	●●●●	D	Perennial	Present	wind	Generalist	0
Balsam poplar	59	●●●	D	Perennial	Present	wind	Generalist	0
Black ash	30	●●●	D	Perennial	Absent	wind	Generalist	0
White spruce	15	●●●	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	15	●●	Di	Perennial	Present	wind	Generalist	0
American elm	4	●●	Di	Perennial	Absent	wind	Generalist	0
Bur oak	4	●	SI	Perennial	Present	wind	Generalist	0
Balsam fir	7	●●●	UNK	Perennial	Absent	wind	Generalist	0
Tree Subcanopy								
Quaking aspen	67	●●	D	Perennial	Present	wind	Generalist	0
Balsam poplar	41	●●	D	Perennial	Present	wind	Generalist	0
Black ash	70	●●●	D	Perennial	Absent	wind	Generalist	0
White spruce	19	●	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	7	●●	Di	Perennial	Present	wind	Generalist	0
American elm	30	●●●	Di	Perennial	Absent	wind	Generalist	0
Bur oak	11	●	SI	Perennial	Present	wind	Generalist	0
Balsam fir	15	●●	UNK	Perennial	Absent	wind	Generalist	0
Tree Shrub Layer								
Quaking aspen	59	●	D	Perennial	Present	wind	Generalist	0

Balsam poplar	70	•	D	Perennial	Present	wind	Generalist	0
Black ash	63	•••	D	Perennial	Absent	wind	Generalist	0
White spruce	22	•	UNK	Perennial	Absent	wind	Generalist	0
Paper birch	7	•	Di	Perennial	Present	wind	Generalist	0
American elm	48	••	Di	Perennial	Absent	wind	Generalist	0

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