

FFn57 Northern Terrace Forest Pollinator Resources

Wet-mesic deciduous forests on silty or sandy alluvium on level, occasionally flooded sites along medium and large rivers in the northern half of Minnesota.

Examples of insect pollinators (and their associated host plants in parentheses) that use FFn57 include:

Bees:

Hylaeus sparsus (Apiaceae)

Andrena melanochroa (Rosaceae)

Perdita swenki (Solidago)

Melissodes druriellus (Solidago)

Butterflies:

Aglais milberti (*Laportea canadensis*)

Argynnis atlantis (*Viola*)

Polygonia progne (*Ribes*)

Moths:

Plagodis kuetzingi (*Fraxinus nigra*)

Calyptra canadensis (*Thalictrum dasycarpum*)

Caloptilia fraxinella (*Fraxinus pennsylvanica*)



Perdita swenki (shown here on *Liatris*) uses *Solidago* (goldenrod) species as a host plant.

Photo: Heather Holm

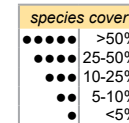


Plagodis kuetzingi (purple plagodis) uses *Fraxinus nigra* (black ash) as a host plant. Photo: Kyle Johnson

FFn57 Northern Terrace Forest

Pollinator Resources Table

FFn57 Class Factsheet. Based on 48 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Wood nettle (<i>Laportea canadensis</i>)	81	●●●	UNK	Perennial	Present	wind	Generalist	0
Ostrich fern (<i>Matteuccia struthiopteris</i>)	79	●●●●	SC	Perennial	Present	wind, water	Generalist	0
Erect, Smooth, or Illinois carrion-flower*	75	●	D	Perennial	Present	insects	Somewhat specific insect	5
Sweet-scented bedstraw (<i>Galium triflorum</i>)	73	●	UNK	Perennial	Present	insects	Generalist	3
Tall meadow-rue (<i>Thalictrum dasycarpum</i>)	67	●	D	Perennial	Present	wind	Generalist	0
Sensitive fern (<i>Onoclea sensibilis</i>)	63	●●	SC	Perennial	Present	wind, water	Generalist	0
Side-flowering aster (<i>Aster lateriflorus</i>)	52	●	SI	Perennial	Present	insects	Generalist	4
Rugulose or Yellow violet**	50	●	Varies	Perennial	Present	insects	Varies	Varies
Canada mayflower (<i>Maianthemum canadense</i>)	50	●	SI	Perennial	Present	insects	Early spring insect	5
Jack-in-the-pulpit (<i>Arisaema triphyllum</i>)	50	●	SI	Perennial	Present	insects	Early spring insect, Somewhat specific insect	5
Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	48	●	D	Perennial	Absent	insects	Generalist	5
Early meadow-rue (<i>Thalictrum dioicum</i>)	48	●	SI	Perennial	Present	wind	Generalist	0
Pale bellwort (<i>Uvularia sessilifolia</i>)	42	●	SI	Perennial	Present	insects	Early spring insect	5
Spotted water hemlock (<i>Cicuta maculata</i>)	40	●	SC	Perennial	Present	insects	Generalist	2
Tall coneflower (<i>Rudbeckia laciniata</i>)	35	●●	SC	Perennial	Present	insects	Generalist	2
Field horsetail (<i>Equisetum arvense</i>)	35	●	SC	Perennial	Present	wind, water	Generalist	0
Giant goldenrod (<i>Solidago gigantea</i>)	35	●	GM	Perennial	Present	insects	Generalist	4
Hog peanut (<i>Amphicarpaea bracteata</i>)	33	●	CH and CL flowers	Annual	Present	insects	Somewhat specific insect	6
Common enchanter's nightshade (<i>Circaea lutetiana</i>)	33	●	SC	Perennial	Present	insects	Generalist	2
Lady fern (<i>Athyrium filix-femina</i>)	31	●●	SC	Perennial	Present	wind, water	Generalist	0
Maryland black snakeroot (<i>Sanicula marilandica</i>)	31	●	UNK	Perennial	Absent	insects	Generalist	4
Northern blue flag (<i>Iris versicolor</i>)	31	●	SC and SI	Perennial	Present	insects	Somewhat specific insect	4
Honewort (<i>Cryptotaenia canadensis</i>)	29	●●●	SC	Perennial	Present	insects	Generalist	2
Dwarf raspberry (<i>Rubus pubescens</i>)	29	●	SC	Perennial	Present	insects	Generalist	2
Fringed loosestrife (<i>Lysimachia ciliata</i>)	29	●	SI	Perennial	Present	insects	Generalist	4
Nodding trillium (<i>Trillium cernuum</i>)	29	●	A	Perennial	Present	insects	Early spring insect	3
Red baneberry (<i>Actaea rubra</i>)	29	●	SC	Perennial	Present	insects	Early spring insect	3
Starry false Solomon's seal (<i>Smilacina stellata</i>)	27	●	UNK	Perennial	Present	insects	Early spring insect	4
Meadow horsetail (<i>Equisetum pratense</i>)	25	●●	SC	Perennial	Present	wind, water	Generalist	0
Northern bugleweed (<i>Lycopus uniflorus</i>)	25	●	SC	Perennial	Weakly	insects	Generalist	2
Canada anemone (<i>Anemone canadensis</i>)	25	●	SI	Perennial	Present	insects	Generalist	4
Mad dog skullcap (<i>Scutellaria lateriflora</i>)	23	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Wild ginger (<i>Asarum canadense</i>)	19	●●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Grasses and Sedges								
Virginia wild rye (<i>Elymus virginicus</i>)	65	●●	SC	Perennial	Absent	wind	Generalist	0
Starry sedge (<i>Carex rosea</i>)	50	●●	UNK	Perennial	Present	wind	Generalist	0
Bladder sedge (<i>Carex intumescens</i>)	48	●●	UNK	Perennial	Present	wind	Generalist	0

Graceful sedge (<i>Carex gracillima</i>)	48	•	UNK	Perennial	Present	wind	Generalist	0
Projecting sedge (<i>Carex projecta</i>)	27	•	UNK	Perennial	Present	wind	Generalist	0
Dewey's sedge (<i>Carex deweyana</i>)	27	•	UNK	Perennial	Present	wind	Generalist	0
Nodding fescue (<i>Festuca subverticillata</i>)	25	••	UNK	Perennial	Absent	wind	Generalist	0
Fringe sedge (<i>Carex crinita</i>)	21	•	UNK	Perennial	Present	wind	Generalist	0
Brome-like sedge (<i>Carex bromoides</i>)	15	•••	UNK	Perennial	Present	wind	Generalist	0
Climbing Plants								
Woodbine (<i>Parthenocissus vitacea</i>)	59	•	SC	Perennial	Present	insects	Generalist	2
Canada moonseed (<i>Menispermum canadense</i>)	31	••	D	Perennial	Present	insects	Generalist	4
Virgin's bower (<i>Clematis virginiana</i>)	29	•	PD	Perennial	Present	insects	Generalist	4
Shrubs								
Nannyberry (<i>Viburnum lentago</i>)	54	••	SI	Perennial	Present	insects	Generalist	4
Chokecherry (<i>Prunus virginiana</i>)	54	•	SI	Perennial	Present	insects	Early spring insect	5
Poison ivy (<i>Toxicodendron rydbergii</i>)	35	•	D	Perennial	Present	insects	Generalist	4
American hazelnut (<i>Corylus americana</i>)	33	•••	Di	Perennial	Present	wind	Generalist	0
Prickly ash (<i>Zanthoxylum americanum</i>)	31	•••	D	Perennial	Present	insects	Generalist	4
Wild black currant (<i>Ribes americanum</i>)	31	••	SI	Perennial	Present	insects	Generalist	4
Highbush cranberry (<i>Viburnum trilobum</i>)	27	•	UNK	Perennial	Present	insects	Generalist	3
Prickly or Smooth wild rose (<i>Rosa acicularis</i> or <i>R. blanda</i>)	27	•	SC	Perennial	Present	insects	Generalist	2
Hawthorn (<i>Crataegus</i> spp.)	27	•	Varies	Perennial	Absent	insects	Early spring insect	Varies
Beaked hazelnut (<i>Corylus cornuta</i>)	25	••	Di	Perennial	Present	wind	Generalist	0
Winterberry (<i>Ilex verticillata</i>)	17	••	PD	Perennial	Present	insects	Generalist	4
Tree Canopy								
Black ash	69	•••	D	Perennial	Absent	wind	Generalist	0
Basswood	54	•••	SI	Perennial	Absent	insects	Generalist	5
Green ash	52	•••	D	Perennial	UNK	wind	Generalist	0
Silver maple	50	••••	usually D	Perennial	Absent	insects, wind	Generalist	4
Bur oak	38	•••	SI	Perennial	Present	wind	Generalist	0
American elm	33	•••	Di	Perennial	Absent	wind	Generalist	0
Box elder	19	••	D	Perennial	Absent	insects	Early spring insect	6
Tree Subcanopy								
Black ash	60	•••	D	Perennial	Absent	wind	Generalist	0
Basswood	40	•••	SI	Perennial	Absent	insects	Generalist	5
Green ash	63	•••	D	Perennial	UNK	wind	Generalist	0
Silver maple	23	•••	usually D	Perennial	Absent	insects, wind	Generalist	4
Bur oak	38	•	SI	Perennial	Present	wind	Generalist	0
American elm	54	•	Di	Perennial	Absent	wind	Generalist	0
Box elder	42	••	D	Perennial	Absent	insects	Early spring insect	6
Tree Shrub Layer								

Black ash	56	••	D	Perennial	Absent	wind	Generalist	0
Basswood	27	•	SI	Perennial	Absent	insects	Generalist	5
Green ash	54	•••	D	Perennial	UNK	wind	Generalist	0
Silver maple	19	•	usually D	Perennial	Absent	insects, wind	Generalist	4
Bur oak	52	•	SI	Perennial	Present	wind	Generalist	0
American elm	50	•	Di	Perennial	Absent	wind	Generalist	0