

WFs57 Southern Wet Ash Swamp Pollinator Resources

Wet hardwood forests on mucky or peaty soils in areas of groundwater seepage, most often on level stream or river terraces at bases of steep slopes. Community is uncommon and often present as small inclusions within larger forest areas.

Examples of insect pollinators (and their associated host plants in parentheses) that use WFs57 include:

Bees:

Andrena rudbeckiae (*Rudbeckia*)

Andrena distans (*Geranium maculatum*)

Andrena wilkella (Fabaceae)

Andrena geranii (*Hydrophyllum virginianum*)

Butterflies:

Aglais milberti (*Laportea canadensis*)

Polygonia progne (*Ribes*)

Poanes viator (*Carex lacustris*)

Moths:

Sphinx canadensis (*Fraxinus nigra*)

Phyllonorycter lucetiella (*Tilia americana*)

Loscopia velata (*Carex rosea*)



Andrena rudbeckiae (coneflower mining bee) uses *Rudbeckia* (coneflower) species as a host plant.

Photo: Heather Holm

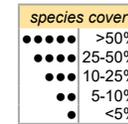


Aglais milberti (Milbert's tortoiseshell) uses *Laportea canadensis* (Canada nettle) as a host plant. Photo: Bob Dunlap

WFs57 Southern Wet Ash Swamp

Pollinator Resources Table

WFs57 Class Factsheet. Based on 31 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Touch-me-not (<i>Impatiens</i> spp.)	97	●●●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Jack-in-the-pulpit (<i>Arisaema triphyllum</i>)	90	●	SI	Perennial	Present	insects	Early spring insect, Somewhat specific insect	5
Wood nettle (<i>Laportea canadensis</i>)	81	●●●	UNK	Perennial	Present	wind	Generalist	0
Common marsh marigold (<i>Caltha palustris</i>)	68	●●●	SI	Perennial	Present	insects	Early spring insect	5
Wild geranium (<i>Geranium maculatum</i>)	65	●	SC	Perennial	Present	insects	Early spring insect	3
Common enchanter's nightshade (<i>Circaea lutetiana</i>)	61	●	SC	Perennial	Present	insects	Generalist	2
Tall coneflower (<i>Rudbeckia laciniata</i>)	61	●	SC	Perennial	Present	insects	Generalist	2
Lady fern (<i>Athyrium filix-femina</i>)	58	●●	SC	Perennial	Present	wind, water	Generalist	0
White avens (<i>Geum canadense</i>)	55	●	UNK	Perennial	Present	insects	Generalist	3
Sensitive fern (<i>Onoclea sensibilis</i>)	48	●	SC	Perennial	Present	wind, water	Generalist	0
Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	48	●	D	Perennial	Absent	insects	Generalist	5
Two-leaved miterwort (<i>Mitella diphylla</i>)	48	●	UNK	Perennial	Present	insects	Early spring insect	4
Wild ginger (<i>Asarum canadense</i>)	45	●●	SC	Perennial	Present	insects	Early spring insect, Somewhat specific insect	3
Sweet-scented bedstraw (<i>Galium triflorum</i>)	45	●	UNK	Perennial	Present	insects	Generalist	3
Cleavers (<i>Galium aparine</i>)	45	●	SC	Annual	Absent	insects	Early spring insect	5
Hog peanut (<i>Amphicarpaea bracteata</i>)	45	●	CH and CL flowers	Annual	Present	insects	Somewhat specific insect	6
Honewort (<i>Cryptotaenia canadensis</i>)	45	●	SC	Perennial	Present	insects	Generalist	2
Early meadow-rue (<i>Thalictrum dioicum</i>)	42	●	SI	Perennial	Present	wind	Generalist	0
Canada mayflower (<i>Maianthemum canadense</i>)	42	●	SI	Perennial	Present	insects	Early spring insect	5
Ostrich fern (<i>Matteuccia struthiopteris</i>)	39	●●●	SC	Perennial	Present	wind, water	Generalist	0
Zigzag goldenrod (<i>Solidago flexicaulis</i>)	39	●	SI	Perennial	Present	insects	Generalist	4
Stinging nettle (<i>Urtica dioica</i>)	39	●	D	Perennial	Present	wind	Generalist	0
Michigan lily (<i>Lilium michiganense</i>)	39	●	SI	Perennial	Present	insects	Generalist	4
Hispid buttercup (<i>Ranunculus hispidus</i>)	39	●	SI	Perennial	Present	insects	Early spring insect	5
Virginia waterleaf (<i>Hydrophyllum virginianum</i>)	39	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Dwarf raspberry (<i>Rubus pubescens</i>)	39	●	SC	Perennial	Present	insects	Generalist	2
Hooked crowfoot (<i>Ranunculus recurvatus</i>)	35	●	SI	Perennial	Present	insects	Early spring insect	5
Skunk cabbage (<i>Symplocarpus foetidus</i>)	35	●●●●●	Di	Perennial	Present	insects	Early spring insect, Somewhat specific insect	5
Bulblet fern (<i>Cystopteris bulbifera</i>)	35	●	SC	Perennial	Present	wind, water	Generalist	0
Field horsetail (<i>Equisetum arvense</i>)	32	●	SC	Perennial	Present	wind, water	Generalist	0
Clearweed (<i>Pilea spp.</i>)	29	●●	sometimes D	Annual	Absent	wind	Generalist	0
Crooked aster (<i>Aster prenanthoides</i>)	29	●●	UNK	Perennial	Present	insects	Generalist	3
Tall scouring rush (<i>Equisetum hyemale</i>)	23	●●	SC	Perennial	Present	wind, water	Generalist	0
False mermaid (<i>Floerkea proserpinacoides</i>)	19	●●●●	SC	Annual	Absent	insects	Early spring insect	5
Small-leaved water cress (<i>Rorippa nasturtium-aquaticum</i>)	10	●●●	SC	Perennial	Present	insects	Generalist	2
Grasses and Sedges								
Fowl manna grass (<i>Glyceria striata</i>)	68	●●	UNK	Perennial	Present	wind	Generalist	0

Awl-fruited sedge (<i>Carex stipata</i>)	52	●	UNK	Perennial	Present	wind	Generalist	0
Starry sedge (<i>Carex rosea</i> or <i>C. radiata</i>)	39	●●	UNK	Perennial	Present	wind	Generalist	0
Bland sedge (<i>Carex blanda</i>)	32	●	UNK	Perennial	Present	wind	Generalist	0
Graceful sedge (<i>Carex gracillima</i>)	32	●	UNK	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	29	●●●	UNK	Perennial	Present	wind	Generalist	0
Brome-like sedge (<i>Carex bromoides</i>)	23	●●●	UNK	Perennial	Present	wind	Generalist	0
Smooth-sheathed sedge (<i>Carex laevivaginata</i>)	16	●	UNK	Perennial	Present	wind	Generalist	0
Interior sedge (<i>Carex interior</i>)	13	●●●	UNK	Perennial	Present	wind	Generalist	0
Low Shrubs								
Red raspberry (<i>Rubus idaeus</i>)	69	●	SC	Perennial	Present	insects	Generalist	2
Shrubs								
Wild black currant (<i>Ribes americanum</i>)	52	●	SI	Perennial	Present	insects	Generalist	4
Chokecherry (<i>Prunus virginiana</i>)	45	●	SI	Perennial	Present	insects	Early spring insect	5
Nannyberry (<i>Viburnum lentago</i>)	45	●●	SI	Perennial	Present	insects	Generalist	4
Pagoda dogwood (<i>Cornus alternifolia</i>)	35	●	UNK	Perennial	Present	insects	Generalist	3
Poison ivy (<i>Toxicodendron rydbergii</i>)	32	●	D	Perennial	Present	insects	Generalist	4
Prickly gooseberry (<i>Ribes cynosbati</i>)	29	●	SI	Perennial	Present	insects	Generalist	4
Speckled alder (<i>Alnus incana</i>)	26	●●●	Di	Perennial	Present	wind	Generalist	0
Missouri gooseberry (<i>Ribes missouriense</i>)	23	●●	SI	Perennial	Present	insects	Generalist	4
Tree Canopy								
Black ash	97	●●●●	D	Perennial	Absent	wind	Generalist	0
Basswood	58	●●	SI	Perennial	Absent	insects	Generalist	5
Sugar maple	39	●●●	D	Perennial	Absent	insects	Early spring insect	6
American elm	32	●●	Di	Perennial	Absent	wind	Generalist	0
Bur oak	23	●	SI	Perennial	Present	wind	Generalist	0
Yellow birch	19	●●●	Di	Perennial	Present	wind	Generalist	0
Paper birch	16	●●●	Di	Perennial	Present	wind	Generalist	0
Green ash	16	●●●	D	Perennial	UNK	wind	Generalist	0
Blue beech	13	●	UNK	Perennial	Present	wind	Generalist	0
Northern red oak	-	-	SI	Perennial	Present	wind	Generalist	0
Tree Subcanopy								
Black ash	90	●●●	D	Perennial	Absent	wind	Generalist	0
Basswood	52	●●	SI	Perennial	Absent	insects	Generalist	5
Sugar maple	39	●●	D	Perennial	Absent	insects	Early spring insect	6
American elm	45	●	Di	Perennial	Absent	wind	Generalist	0
Bur oak	-	-	SI	Perennial	Present	wind	Generalist	0
Yellow birch	19	●●●	Di	Perennial	Present	wind	Generalist	0
Paper birch	-	-	Di	Perennial	Present	wind	Generalist	0
Green ash	13	●●	D	Perennial	UNK	wind	Generalist	0
Blue beech	23	●●	UNK	Perennial	Present	wind	Generalist	0
Northern red oak	-	-	SI	Perennial	Present	wind	Generalist	0

Tree Shrub Layer

Black ash	90	●●	D	Perennial	Absent	wind	Generalist	0
Basswood	42	●	SI	Perennial	Absent	insects	Generalist	5
Sugar maple	42	●	D	Perennial	Absent	insects	Early spring insect	6
American elm	48	●	Di	Perennial	Absent	wind	Generalist	0
Bur oak	26	●	SI	Perennial	Present	wind	Generalist	0
Yellow birch	16	●	Di	Perennial	Present	wind	Generalist	0
Paper birch	-	-	Di	Perennial	Present	wind	Generalist	0
Green ash	13	●	D	Perennial	UNK	wind	Generalist	0
Blue beech	23	●	UNK	Perennial	Present	wind	Generalist	0
Northern red oak	32	●	SI	Perennial	Present	wind	Generalist	0