

WMs83 Southern Seepage Meadow/Carr Pollinator Resources

Open wetlands dominated by a dense cover of hummock-forming broadleaved sedges or tall shrubs. Present in areas of groundwater seepage along streams and drainage ways, on sloping terraces, and at bases of slopes.

Examples of insect pollinators (and their associated host plants in parentheses) that use WMs83 include:

Bees:

Perdita maculigera (*Salix*)

Andrena platyparia (*Cornus* [*Swida*])

Melissodes dentiventris (*Solidago*)

Lasioglossum lusorium (*Onagraceae*)

Butterflies:

Euphydryas phaeton (*Chelone glabra*)

Chlosyne gorgone (*Helianthus giganteus*)

Lycaena hypophlaeas (*Rumex*)

Moths:

Haploa clymene (*Eupatorium perfoliatum*)

Cisseps fulvicollis (*Carex stricta*)

Loscopia velata (*Carex stipata*)



Andrena platyparia (plated miner bee) uses *Cornus* (dogwood) species as a host plant.

Photo: Max McCarthy

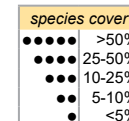


Euphydryas phaeton (Baltimore checkerspot) uses *Chelone glabra* (white turtlehead) as a host plant. Photo: Kyle Johnson

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Pollinator Resources Table

WMs83 Class Factsheet. Based on 63 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Spotted Joe pye weed (<i>Eupatorium maculatum</i>)	83	●●	UNK	Perennial	Present	insects	Generalist	3
Great water dock (<i>Rumex orbiculatus</i>)	59	●	UNK	Perennial	UNK	wind	Generalist	0
Marsh bellflower (<i>Campanula aparinoides</i>)	56	●	UNK	Perennial	Present	insects	Generalist	3
Red-stemmed aster (<i>Aster puniceus</i>)	50	●●	SI	Perennial	Present	insects	Generalist	4
Common boneset (<i>Eupatorium perfoliatum</i>)	50	●	SI	Perennial	Present	insects	Generalist	4
Swamp milkweed (<i>Asclepias incarnata</i>)	48	●	SC/si	Perennial	Absent	insects	Somewhat specific insect	5
Giant goldenrod (<i>Solidago gigantea</i>)	47	●	GM	Perennial	Present	insects	Generalist	4
Northern bugleweed (<i>Lycopus uniflorus</i>)	44	●	SC	Perennial	Weakly	insects	Generalist	2
Touch-me-not (<i>Impatiens</i> spp.)	42	●●●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Common marsh marigold (<i>Caltha palustris</i>)	41	●●	SI	Perennial	Present	insects	Early spring insect	5
Sunflower*	39	●●	SI	Perennial	Present	insects	Generalist	4
Cut-leaved bugleweed (<i>Lycopus americanus</i>)	38	●	SC	Perennial	Weakly	insects	Generalist	2
Marsh vetchling (<i>Lathyrus palustris</i>)	38	●	SI	Perennial	Present	insects	Somewhat specific insect	5
Broad-leaved cattail (<i>Typha latifolia</i>)	36	●●●	SC	Perennial	Present	wind	Generalist	0
Linear-leaved, Marsh, or Downy willow-herb**	34	●	Varies	Perennial	Present	insects	Generalist	3
Stemless blue violets***	33	●	Varies	Perennial	Present	insects	Varies	Varies
Tall meadow-rue (<i>Thalictrum dasycarpum</i>)	33	●	D	Perennial	Present	wind	Generalist	0
Canada goldenrod (<i>Solidago canadensis</i>)	33	●	SI	Perennial	Present	insects	Generalist	4
Tufted loosestrife (<i>Lysimachia thysiflora</i>)	31	●	SI	Perennial	Present	insects	Generalist	4
Bog aster (<i>Aster borealis</i>)	31	●	UNK	Perennial	Present	insects	Generalist	3
Flat-topped aster (<i>Aster umbellatus</i>)	31	●	UNK	Perennial	Present	insects	Generalist	3
Virginia mountain mint (<i>Pycnanthemum virginianum</i>)	30	●	SC	Perennial	Present	insects	Generalist	2
Northern marsh fern (<i>Thelypteris palustris</i>)	30	●●	SC	Perennial	Present	wind, water	Generalist	0
Common mint (<i>Mentha arvensis</i>)	28	●	SC	Perennial	Present	insects	Generalist	2
Marsh skullcap (<i>Scutellaria galericulata</i>)	27	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Dwarf raspberry (<i>Rubus pubescens</i>)	27	●●●	SC	Perennial	Present	insects	Generalist	2
Swamp thistle (<i>Cirsium muticum</i>)	25	●	GD	Biennial	Absent	insects	Generalist	6
Eastern panicled aster (<i>Aster lanceolatus</i>)	23	●	SI	Perennial	Present	insects	Generalist	4
Water smartweed (<i>Polygonum amphibium</i>)	22	●●	Ge	Perennial	Present	insects	Generalist	2
Spotted water hemlock (<i>Cicuta maculata</i>)	20	●	SC	Perennial	Present	insects	Generalist	2
American, Purple-leaved, or Northern willow-herb****	20	●	Varies	Perennial	Present	insects	Generalist	3
Labrador bedstraw (<i>Galium labradoricum</i>)	20	●	UNK	Perennial	Present	insects	Generalist	3
Clearweed (<i>Pilea</i> spp.)	20	●●	sometimes D	Annual	Absent	wind	Generalist	0
Swamp lousewort (<i>Pedicularis lanceolata</i>)	20	●	UNK	Perennial	Present	insects	Buzz pollination	5
White turtlehead (<i>Chelone glabra</i>)	19	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Woundwort (<i>Stachys palustris</i>)	19	●●	SC	Perennial	Present	insects	Somewhat specific insect	3
Rough bugleweed (<i>Lycopus asper</i>)	17	●●●	SC	Perennial	Weakly	insects	Generalist	2

Bulb-bearing water hemlock (<i>Cicuta bulbifera</i>)	16	●	UNK	Perennial	Absent	insects	Generalist	4
Blue vervain (<i>Verbena hastata</i>)	14	●	SC	Perennial	Present	insects	Generalist	2
Starry false Solomon's seal (<i>Smilacina stellata</i>)	14	●	UNK	Perennial	Present	insects	Early spring insect	4
Sensitive fern (<i>Onoclea sensibilis</i>)	14	●●	SC	Perennial	Present	wind,	Generalist	0
Grasses and Sedges								
Tussock sedge (<i>Carex stricta</i>)	58	●●●●	UNK	Perennial	Present	wind	Generalist	0
Bluejoint (<i>Calamagrostis canadensis</i>)	45	●●●	A	Perennial	Present	wind	Generalist	0
Fowl bluegrass (<i>Poa palustris</i>)	36	●	SC	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	33	●●	UNK	Perennial	Present	wind	Generalist	0
Prairie sedge (<i>Carex prairea</i>)	33	●●●	UNK	Perennial	Present	wind	Generalist	0
Fowl manna grass (<i>Glyceria striata</i>)	31	●	UNK	Perennial	Present	wind	Generalist	0
Woolly sedge (<i>Carex pellita</i>)	28	●●	SI	Perennial	Present	wind	Generalist	0
Aquatic sedge (<i>Carex aquatilis</i>)	25	●●●●	SI	Perennial	Present	wind	Generalist	0
Porcupine sedge (<i>Carex hystericina</i>)	25	●●	UNK	Perennial	Present	wind	Generalist	0
Redtop (<i>Agrostis stolonifera</i>)	23	●	SI	Perennial	Present	wind	Generalist	0
Fringed brome (<i>Bromus ciliatus</i>)	23	●	SC	Perennial	Absent	wind	Generalist	0
Red-stalked spikerush (<i>Eleocharis palustris</i>)	22	●	SC	Perennial	Present	wind	Generalist	0
Interior sedge (<i>Carex interior</i>)	22	●	UNK	Perennial	Present	wind	Generalist	0
Dark green or Pale bulrush (<i>Scirpus atrovirens</i> or <i>S. pallidus</i>)	19	●	UNK	Perennial	Present	wind	Generalist	0
Sartwell's sedge (<i>Carex sartwellii</i>)	17	●●●	UNK	Perennial	Present	wind	Generalist	0
Prairie cordgrass (<i>Spartina pectinata</i>)	17	●●●	UNK	Perennial	Present	wind	Generalist	0
Clustered muhly grass (<i>Muhlenbergia glomerata</i>)	16	●	UNK	Perennial	Present	wind	Generalist	0
Awl-fruited sedge (<i>Carex stipata</i>)	16	●	UNK	Perennial	Present	wind	Generalist	0
Reedgrass (<i>Calamagrostis stricta</i>)	16	●●●	A	Perennial	Present	wind	Generalist	0
Shrubs								
Red-osier dogwood (<i>Cornus sericea</i>)	48	●●●	SI	Perennial	Present	insects	Generalist	4
Pussy willow (<i>Salix discolor</i>)	39	●●	D	Perennial	Present	insects	Early spring insect	5
Slender willow (<i>Salix petiolaris</i>)	27	●●	D	Perennial	Present	insects	Early spring insect	5
Bebb's willow (<i>Salix bebbiana</i>)	19	●	D	Perennial	Present	insects	Early spring insect	5
Sage-leaved willow (<i>Salix candida</i>)	17	●	D	Perennial	Present	insects	Early spring insect	5
Bog birch (<i>Betula pumila</i>)	16	●●●	Di	Perennial	Present	wind	Generalist	0
Heart-leaved willow (<i>Salix eriocephala</i>)	14	●●	D	Perennial	Present	insects	Early spring insect	5

*Giant, Sawtooth, or Nuttall's sunflower (*Helianthus giganteus*, *H. grosseserratus*, or *H. nuttallii*); **Linear-leaved, Marsh, or Downy willow-herb (*Epilobium leptophyllum*, *E. palustre*, or *E. strictum*); ***American, Purple-leaved, or Northern willow-herb (*Epilobium ciliatum*, *E. coloratum*, or *E. glandulosum*)