

WMs92 Southern Basin Wet Meadow/Carr Pollinator Resources

Open wetlands dominated by dense cover of broad-leaved sedges. Typically present in small, closed, shallow basins isolated from groundwater inputs.

Examples of insect pollinators (and their associated host plants in parentheses) that use WMs92 include:

Bees:

Andrena mariae (*Salix*)

Melissodes desponsus (*Cirsium*)

Calliopsis coloradensis (*Asteraceae*)

Butterflies:

Danaus plexippus (*Asclepias*)

Tharsalea hyllus (*Polygonum*)

Poanes viator (*Carex lacustris*)

Moths:

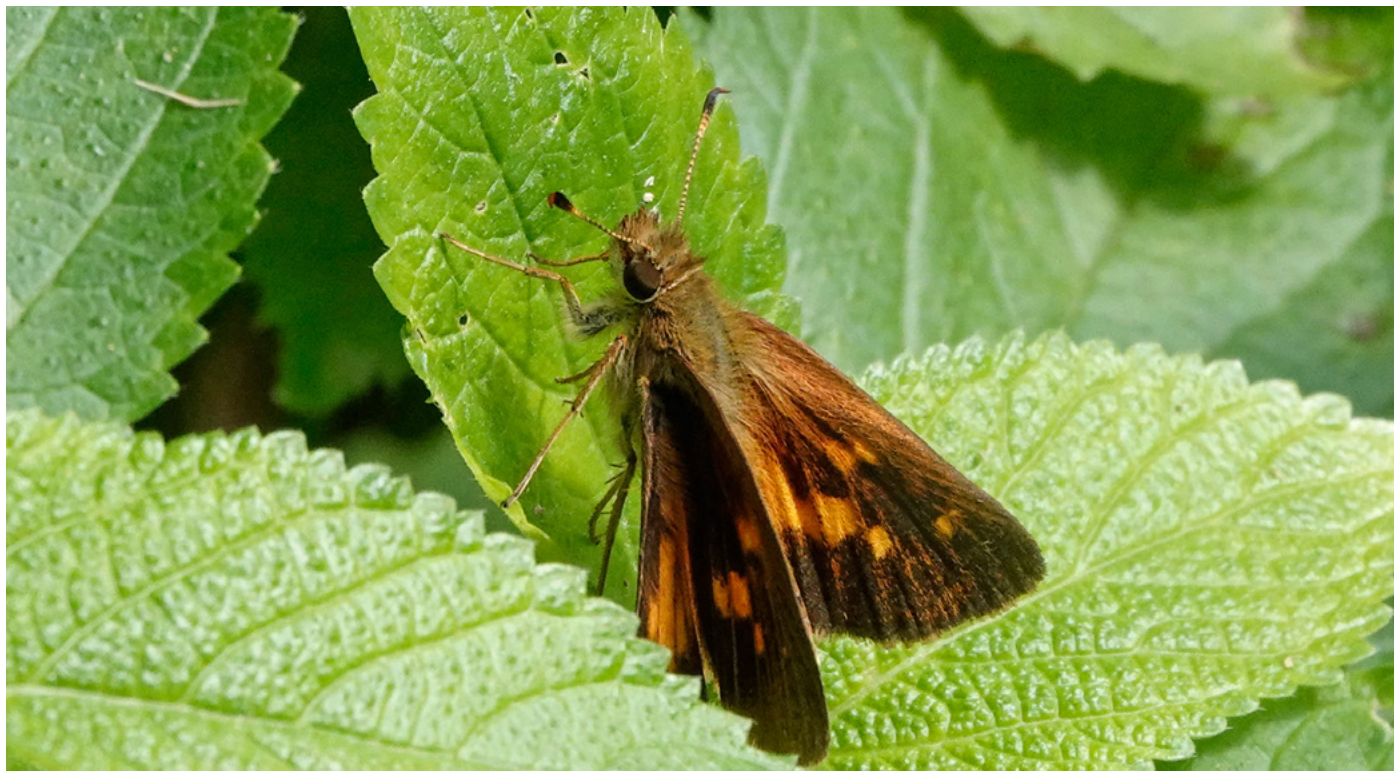
Photodes inops (*Spartina pectinate*)

Phragmatobia fuliginosa (*Eutrochium maculatum*)

Cisseps fulvicollis (*Carex stricta*)



Andrena mariae uses *Salix* (willow) species as a host plant. Photo: Heather Holm

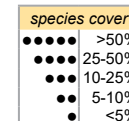


Poanes viator (broad-winged skipper) uses *Carex lacustris* (lake sedge) as a host plant. Photo: Bob Dunlap

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Pollinator Resources Table

WMs92 Class Factsheet. Based on 29 plots. November 2024



Forbs	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Water smartweed (<i>Polygonum amphibium</i>)	79	●●	Ge	Perennial	Present	insects	Generalist	2
Rough bugleweed (<i>Lycopus asper</i>)	34	●	SC	Perennial	Weakly	insects	Generalist	2
Common mint (<i>Mentha arvensis</i>)	34	●	SC	Perennial	Present	insects	Generalist	2
Water parsnip (<i>Sium suave</i>)	31	●	Pa	Perennial	Absent	insects	Generalist	5
Swamp milkweed (<i>Asclepias incarnata</i>)	28	●	SC/si	Perennial	Absent	insects	Somewhat specific insect	5
Tufted loosestrife (<i>Lysimachia thysiflora</i>)	24	●	SI	Perennial	Present	insects	Generalist	4
Marsh skullcap (<i>Scutellaria galericulata</i>)	24	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Germander (<i>Teucrium canadense</i>)	21	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Spotted Joe pye weed (<i>Eupatorium maculatum</i>)	21	●	UNK	Perennial	Present	insects	Generalist	3
Eastern panicled aster (<i>Aster lanceolatus</i>)	21	●	SI	Perennial	Present	insects	Generalist	4
Canada thistle (<i>Cirsium arvense</i>)	21	●	GD	Perennial	Present	insects	Generalist	4
Cut-leaved bugleweed (<i>Lycopus americanus</i>)	17	●	SC	Perennial	Weakly	insects	Generalist	2
Great water dock (<i>Rumex orbiculatus</i>)	17	●	UNK	Perennial	UNK	wind	Generalist	0
Linear-leaved, Marsh, or Downy willow-herb*	17	●	Varies	Perennial	Present	insects	Generalist	3
Giant bur reed (<i>Sparganium eurycarpum</i>)	14	●●	UNK	Perennial	Present	wind	Generalist	0
Woundwort (<i>Stachys palustris</i>)	14	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Marsh vetchling (<i>Lathyrus palustris</i>)	14	●	SI	Perennial	Present	insects	Somewhat specific insect	5
Clasping dogbane (<i>Apocynum sibiricum</i>)	14	●	SI	Perennial	Present	insects	Generalist	4
Canada goldenrod (<i>Solidago canadensis</i>)	14	●●	SI	Perennial	Present	insects	Generalist	4
Marsh bellflower (<i>Campanula aparinoides</i>)	14	●	UNK	Perennial	Present	insects	Generalist	3
Bur marigold and Beggarticks (<i>Bidens</i> spp.)	14	●	Varies	Varies	Varies	insects	Generalist	Varies
Red-stemmed aster (<i>Aster puniceus</i>)	10	●	SI	Perennial	Present	insects	Generalist	4
Bulb-bearing water hemlock (<i>Cicuta bulbifera</i>)	10	●	UNK	Perennial	Absent	insects	Generalist	4
Sweet flag (<i>Acorus calamus</i>)	10	●	A	Perennial	Present	insects	Generalist	2
Touch-me-not (<i>Impatiens</i> spp.)	10	●●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Stinging nettle (<i>Urtica dioica</i>)	10	●	D	Perennial	Present	wind	Generalist	0
Large yellow water crowfoot (<i>Ranunculus flabellaris</i>)	10	●	SI	Perennial	Present	insects	Early spring insect	5
Bog aster (<i>Aster borealis</i>)	10	●	UNK	Perennial	Present	insects	Generalist	3
Spotted water hemlock (<i>Cicuta maculata</i>)	10	●	SC	Perennial	Present	insects	Generalist	2
Bristly buttercup (<i>Ranunculus pensylvanicus</i>)	7	●	SI	Perennial	Present	insects	Generalist	4
Arrow-leaved sweet coltsfoot (<i>Petasites sagittatus</i>)	7	●●	D	Perennial	Present	insects	Early spring insect	5
Arum-leaved arrowhead (<i>Sagittaria cuneata</i>)	7	●	SI	Perennial	Present	insects	Generalist	4
Spring water starwort (<i>Callitriche palustris</i>)	7	●	SC	Annual	Weakly	water,	Generalist	3
Giant goldenrod (<i>Solidago gigantea</i>)	7	●	GM	Perennial	Present	insects	Generalist	4
Common marsh marigold (<i>Caltha palustris</i>)	7	●	SI	Perennial	Present	insects	Early spring insect	5
Golden dock (<i>Rumex maritimus</i>)	7	●	UNK	Annual or	Absent	wind	Generalist	0
Grasses and Sedges								
Slough sedge (<i>Carex atherodes</i>)	93	●●●●	UNK	Perennial	Present	wind	Generalist	0

Bluejoint (<i>Calamagrostis canadensis</i>)	45	●●●●	A	Perennial	Present	wind	Generalist	0
Whitetop (<i>Scolochloa festucacea</i>)	41	●●●●●	UNK	Perennial	Present	wind	Generalist	0
Prairie cordgrass (<i>Spartina pectinata</i>)	34	●●	UNK	Perennial	Present	wind	Generalist	0
Red-stalked spikerush (<i>Eleocharis palustris</i>)	31	●●●	SC	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	31	●●●●	UNK	Perennial	Present	wind	Generalist	0
Beaked sedge (<i>Carex utriculata</i>)	21	●●●●	UNK	Perennial	Present	wind	Generalist	0
Aquatic sedge (<i>Carex aquatilis</i>)	21	●●	SI	Perennial	Present	wind	Generalist	0
Tussock sedge (<i>Carex stricta</i>)	21	●●	UNK	Perennial	Present	wind	Generalist	0
Reed canary grass (<i>Phalaris arundinacea</i>)	17	●●	SI	Perennial	Present	wind	Generalist	0
Tall manna grass (<i>Glyceria grandis</i>)	14	●●●	UNK	Perennial	Present	wind	Generalist	0
River bulrush (<i>Scirpus fluviatilis</i>)	14	●●●	UNK	Perennial	Present	wind	Generalist	0
Common reed grass (<i>Phragmites australis</i>)	10	●●	SI	Perennial	Present	wind	Generalist	0
Woolly sedge (<i>Carex pellita</i>)	7	●	SI	Perennial	Present	wind	Generalist	0
Fowl bluegrass (<i>Poa palustris</i>)	7	●	SC	Perennial	Present	wind	Generalist	0
Soft stem bulrush (<i>Scirpus validus</i>)	7	●	UNK	Perennial	Present	wind	Generalist	0
Small-fruited bulrush (<i>Scirpus microcarpus</i>)	7	●	UNK	Perennial	Present	wind	Generalist	0
Tall Shrubs								
Pussy willow (<i>Salix discolor</i>)	17	●	D	Perennial	Present	insects	Early spring insect	5
Red-osier dogwood (<i>Cornus sericea</i>)	14	●	SI	Perennial	Present	insects	Generalist	4
Slender willow (<i>Salix petiolaris</i>)	10	●●●●	D	Perennial	Present	insects	Early spring insect	5
Prickly wild rose (<i>Rosa acicularia</i>)	7	●	SC	Perennial	Present	insects	Generalist	2

* Linear-leaved, Marsh, or Downy willow-herb (*Epilobium leptophyllum*, *E. palustre*, or *E. strictum*)