

MRp83 Prairie Mixed Cattail Marsh Pollinator Resources

Emergent marsh communities, typically dominated by cattails. Present on floating mats or rooted in mineral soil in shallow wetland basins.

Examples of insect pollinators (and their associated host plants in parentheses) that use MRp83 include:

Bees:

Macropis steironematis (*Lysimachia ciliata*)

Macropis nuda (*Lysimachia*)

Butterflies:

Tharsalea hyllus (*Polygonum*)

Poanes viator (*Carex lacustris*)

Danaus plexippus (*Asclepias*)

Poanes massasoit (*Carex stricta*)

Moths:

Papaipema lysimachiae (*Lysimachia thyrsoflora*)

Ciseps fulvicollis (*Carex stricta*)

Lintneria eremitus (*Agastache foeniculum*)

Carmenta pyralidiformis (*Eupatorium perfoliatum*)



Macropis nuda uses native *Lysimachia* (loosestrife) species as a host plant. Photo by Michael Veit



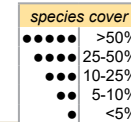
Tharsalea hyllus (bronze copper) uses *Polygonum* (knotweed, smartweed) species as a host plant.

Photo: Bob Dunlap

MRp83 Prairie Mixed Cattail Marsh

Pollinator Resources Table

MRp83 Class Factsheet. Based on 21 plots. November 2024



Grasses and Sedges	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Bulrush (<i>Scirpus acutus</i> or <i>S. heterochaetus</i>)	33	●●●	UNK	Perennial	Present	wind	Generalist	0
Beaked sedge (<i>Carex utriculata</i>)	29	●●●	UNK	Perennial	Present	wind	Generalist	0
Lake sedge (<i>Carex lacustris</i>)	29	●●	UNK	Perennial	Present	wind	Generalist	0
Slough sedge (<i>Carex atherodes</i>)	19	●	UNK	Perennial	Present	wind	Generalist	0
Common reed grass (<i>Phragmites australis</i>)	19	●●●	SI	Perennial	Present	wind	Generalist	0
River bulrush (<i>Scirpus fluviatilis</i>)	14	●	UNK	Perennial	Present	wind	Generalist	0
Bluejoint (<i>Calamagrostis canadensis</i>)	10	●	A	Perennial	Present	wind	Generalist	0
Narrow reedgrass (<i>Calamagrostis stricta</i>)	10	●●	A	Perennial	Present	wind	Generalist	0
Porcupine sedge (<i>Carex hystericina</i>)	10	●●	UNK	Perennial	Present	wind	Generalist	0
Fen wiregrass sedge (<i>Carex lasiocarpa</i>)	10	●	SI	Perennial	Present	wind	Generalist	0
Whitetop (<i>Scolochloa festucacea</i>)	10	●●●●	UNK	Perennial	Present	wind	Generalist	0
Red-stalked spikerush (<i>Eleocharis palustris</i>)	10	●	SC	Perennial	Present	wind	Generalist	0
Soft stem bulrush (<i>Scirpus validus</i>)	10	●	UNK	Perennial	Present	wind	Generalist	0
Aquatic sedge (<i>Carex aquatilis</i>)	5	●	SI	Perennial	Present	wind	Generalist	0
Woolly sedge (<i>Carex pellita</i>)	5	●	SI	Perennial	Present	wind	Generalist	0
Tall manna grass (<i>Glyceria grandis</i>)	5	●	UNK	Perennial	Present	wind	Generalist	0
Tussock sedge (<i>Carex stricta</i>)	5	●	UNK	Perennial	Present	wind	Generalist	0
Floating-leaved and Submergent Forbs								
Water smartweed (<i>Polygonum amphibium</i>)	71	●●	Ge	Perennial	Present	insects	Generalist	2
Star-duckweed (<i>Lemna trisculata</i>)	67	●●●●	UNK	Perennial	Present	water	Generalist	0
Lesser-duckweed (<i>Lemna minor</i>)	67	●●●●	SC	Perennial	Present	water	Generalist	0
Common bladderwort (<i>Utricularia vulgaris</i>)	48	●●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Greater duckweed (<i>Spirodela polyrhiza</i>)	33	●●●	UNK	Perennial	Present	water	Generalist	0
Common coontail (<i>Ceratophyllum demersum</i>)	33	●●	SC	Perennial	Present	water	Generalist	0
Flat-stemmed pondweed (<i>Potamogeton zosteriformis</i>)	10	●	SI	Perennial	Absent	wind	Generalist	0
Lesser bladderwort (<i>Utricularia minor</i>)	10	●	CH	Perennial	Present	insects	Somewhat specific insect	5
Whorled water milfoil (<i>Myriophyllum verticillatum</i>)	10	●	UNK	Perennial	Present	wind	Generalist	0
Straight-leaved pondweed (<i>Potamogeton strictifolius</i>)	5	●	UNK	Perennial	Absent	wind	Generalist	0
Blunt-leaved pondweed (<i>Potamogeton obtusifolius</i>)	5	●	SC	Perennial	Absent	wind	Generalist	0
Leafy pondweed (<i>Potamogeton foliosus</i>)	5	●	SC	Perennial	Absent	water	Generalist	0
Unbranched bur reed (<i>Sparganium emersum</i>)	5	●	UNK	Perennial	Present	wind	Generalist	0
Emergent Forbs								
Non-native cattails (<i>Typha angustiolia</i> or <i>T. x glauca</i>)	67	●●●●	SC	Perennial	Present	wind	Generalist	0
Tufted loosestrife (<i>Lysimachia thysiflora</i>)	38	●	SI	Perennial	Present	insects	Generalist	4
Broad-leaved cattail (<i>Typha latifolia</i>)	33	●●●●	SC	Perennial	Present	wind	Generalist	0
Three-cleft or Small bedstraw*	29	●	UNK	Perennial	Present	insects	Generalist	3
Water parsnip (<i>Sium suave</i>)	24	●	Pa	Perennial	Absent	insects	Generalist	5

Water horsetail (<i>Equisetum fluviatile</i>)	19	●●●●	SC	Perennial	Present	wind, water	Generalist	0
Broad-leaved arrowhead (<i>Sagittaria latifolia</i>)	19	●	SI	Perennial	Present	insects	Generalist	4
Marsh skullcap (<i>Scutellaria galericulata</i>)	19	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Giant bur reed (<i>Sparganium eurycarpum</i>)	19	●●	UNK	Perennial	Present	wind	Generalist	0
Marsh bellflower (<i>Campanula aparinoides</i>)	14	●	UNK	Perennial	Present	insects	Generalist	3
Bur marigold and Beggarticks (<i>Bidens spp.</i>)	14	●	Varies	Varies	Varies	insects	Generalist	Varies
Clearweed (<i>Pilea spp.</i>)	14	●	sometimes D	Annual	Absent	wind	Generalist	0
Marsh horsetail (<i>Equisetum palustre</i>)	14	●	SC	Perennial	Present	wind, water	Generalist	0
Sweet flag (<i>Acorus calamus</i>)	10	●●●●	A	Perennial	Present	insects	Generalist	2
Blue giant hyssop (<i>Agastache foeniculum</i>)	10	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Rough bugleweed (<i>Lycopus asper</i>)	10	●	SC	Perennial	Weakly	insects	Generalist	2
Fringed loosestrife (<i>Lysimachia ciliata</i>)	5	●	SI	Perennial	Present	insects	Generalist	4
Heart-leaved water plantain (<i>Alisma subcordatum</i>)	5	●	SC	Perennial	Present	insects	Generalist	2
Northern bugleweed (<i>Lycopus uniflorus</i>)	5	●	SC	Perennial	Weakly	insects	Generalist	2
Swamp milkweed (<i>Asclepias incarnata</i>)	5	●	SC/si	Perennial	Absent	insects	Somewhat specific insect	5
Labrador bedstraw (<i>Galium labradoricum</i>)	5	●	UNK	Perennial	Present	insects	Generalist	3
Common boneset (<i>Eupatorium perfoliatum</i>)	5	●	SI	Perennial	Present	insects	Generalist	4
Linear-leaved, Marsh, or Downy willow-herb**	5	●	Varies	Perennial	Present	insects	Generalist	3
Cut-leaved bugleweed (<i>Lycopus americanus</i>)	5	●	SC	Perennial	Weakly	insects	Generalist	2
Germander (<i>Teucrium canadense</i>)	5	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Great water dock (<i>Rumex orbiculatus</i>)	5	●	UNK	Perennial	UNK	wind	Generalist	0
Northern marsh fern (<i>Thelypteris palustris</i>)	5	●	SC	Perennial	Present	wind, water	Generalist	0
Arum-leaved arrowhead (<i>Sagittaria cuneata</i>)	5	●	SI	Perennial	Present	insects	Generalist	4
Lady's thumb (<i>Polygonum persicaria</i>)	5	●	SC	Annual	Absent	insects	Generalist	4
Common mint (<i>Mentha arvensis</i>)	5	●	SC	Perennial	Present	insects	Generalist	2
Woundwort (<i>Stachys palustris</i>)	5	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Cursed crowfoot (<i>Ranunculus sceleratus</i>)	5	●	SI	Perennial	Present	insects	Early spring insect	5

* Three-cleft or Small bedstraw (*Galium trifidum* or *G. tinctorium*); **Linear-leaved, Marsh, or Downy willow-herb (*Epilobium leptophyllum*, *E. palustre*, or *E. strictum*).