

## MRn83 Northern Mixed Cattail Marsh Pollinator Resources

Emergent marsh communities, typically dominated by cattails. Present on floating mats along shorelines in lakes, ponds, and river backwaters or rooted in mineral soil in shallow wetland basins.

**Examples of insect pollinators (and their associated host plants in parentheses) that use MRn83 include:**

**Bees:**

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

*Hylaeus sparsus* (*Apiaceae*)

**Butterflies:**

*Poanes viator* (*Carex lacustris*)

*Chlosyne gorgone* (*Lysimachia thyrsiflora*)

*Danaus plexippus* (*Asclepias*)

*Tharsalea dione* (*Polygonum*)

**Moths:**

*Cisseps fulvicollis* (*Carex stricta*)

*Limnaecia phragmitella* (*Typha latifolia*)

*Acleris cornana* (*Cornus sericea*)

*Phragmatobia fuliginosa* (*Eutrochium maculatum*)



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

Photo: Bob Dunlap



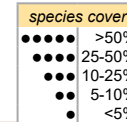
*Phragmatobia fuliginosa* (ruby tiger moth) uses *Eutrochium maculatum* (spotted joe-pyeweed) as a host plant.

Photo: Bob Dunlap

# MRn83 Northern Mixed Cattail Marsh

## Pollinator Resources Table

MRn83 Class Factsheet. Based on 22 plots. November 2024



<b>Grasses and Sedges</b>	species frequency in NPC (%)	species cover (when present)	Compatibility	Longevity	Clonality	Principal Pollen Vector	Pollinator requirements	Pollination Index
Lake sedge ( <i>Carex lacustris</i> )	45	●●●	UNK	Perennial	Present	wind	Generalist	0
Bristly sedge ( <i>Carex comosa</i> )	41	●●	UNK	Perennial	Present	wind	Generalist	0
Red-stalked spikerush ( <i>Eleocharis palustris</i> )	32	●	SC	Perennial	Present	wind	Generalist	0
Bluejoint ( <i>Calamagrostis canadensis</i> )	27	●●●	A	Perennial	Present	wind	Generalist	0
Rice cut grass ( <i>Leersia oryzoides</i> )	23	●	SC	Perennial	Present	wind	Generalist	0
Tall manna grass ( <i>Glyceria grandis</i> )	23	●	UNK	Perennial	Present	wind	Generalist	0
Soft stem bulrush ( <i>Scirpus validus</i> )	18	●●	UNK	Perennial	Present	wind	Generalist	0
Fen wiregrass sedge ( <i>Carex lasiocarpa</i> )	14	●	SI	Perennial	Present	wind	Generalist	0
Wild rice ( <i>Zizania palustris</i> )	14	●●	UNK	Annual	Absent	wind	Generalist	0
Common reed grass ( <i>Phragmites australis</i> )	14	●	SI	Perennial	Present	wind	Generalist	0
Tussock sedge ( <i>Carex stricta</i> )	14	●	UNK	Perennial	Present	wind	Generalist	0
Cyperus sedge ( <i>Carex pseudocyperus</i> )	14	●●	UNK	Perennial	Present	wind	Generalist	0
River bulrush ( <i>Scirpus fluviatilis</i> )	14	●●	UNK	Perennial	Present	wind	Generalist	0
Beaked sedge ( <i>Carex utriculata</i> )	14	●●	UNK	Perennial	Present	wind	Generalist	0
Ovoid spikerush ( <i>Eleocharis ovata</i> )	9	●	SC	Annual	Absent	wind	Generalist	0
Lesser-panicked sedge ( <i>Carex diandra</i> )	9	●	UNK	Perennial	Present	wind	Generalist	0
Aquatic sedge ( <i>Carex aquatilis</i> )	9	●●	SI	Perennial	Present	wind	Generalist	0
Fragrant cyperus ( <i>Cyperus odoratus</i> )	9	●	UNK	Annual or short-lived perennial	Present	wind	Generalist	0
Porcupine sedge ( <i>Carex hystericina</i> )	9	●●	UNK	Perennial	Present	wind	Generalist	0
Woolgrass ( <i>Scirpus cyperinus</i> )	9	●	UNK	Perennial	Present	wind	Generalist	0
<b>Floating-leaved and Submergent Forbs</b>								
Star-duckweed ( <i>Lemna trisculata</i> )	64	●●	UNK	Perennial	Present	water	Generalist	0
Lesser-duckweed ( <i>Lemna minor</i> )	59	●●	SC	Perennial	Present	water	Generalist	0
Greater duckweed ( <i>Spirodela polyrhiza</i> )	55	●	UNK	Perennial	Present	water	Generalist	0
Common bladderwort ( <i>Utricularia vulgaris</i> )	45	●●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Common coontail ( <i>Ceratophyllum demersum</i> )	36	●●	SC	Perennial	Present	water	Generalist	0
<b>Emergent Forbs</b>								
Non-native cattails ( <i>Typha angustiolia</i> or <i>T. x glauca</i> )	82	●●●●	SC	Perennial	Present	wind	Generalist	0
Broad-leaved arrowhead ( <i>Sagittaria latifolia</i> )	64	●	SI	Perennial	Present	insects	Generalist	4
Marsh skullcap ( <i>Scutellaria galericulata</i> )	64	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Three-cleft or small bedstraw*	59	●	UNK	Perennial	Present	insects	Generalist	3
Bur marigold and Beggarticks ( <i>Bidens</i> spp.)	50	●	Varies	Varies	Varies	insects	Generalist	Varies
Tufted loosestrife ( <i>Lysimachia thysiflora</i> )	45	●	SI	Perennial	Present	insects	Generalist	4
Bulb-bearing water hemlock ( <i>Cicuta bulbifera</i> )	41	●●	UNK	Perennial	Absent	insects	Generalist	4
Great water dock ( <i>Rumex orbiculatus</i> )	41	●	UNK	Perennial	UNK	wind	Generalist	0
Marsh bellflower ( <i>Campanula aparinoides</i> )	41	●	UNK	Perennial	Present	insects	Generalist	3
Clearweed ( <i>Pilea</i> spp.)	36	●	sometimes D	Annual	Absent	wind	Generalist	0

Northern bugleweed ( <i>Lycopus uniflorus</i> )	32	●	SC	Perennial	Weakly	insects	Generalist	2
Broad-leaved cattail ( <i>Typha latifolia</i> )	32	●●●●	SC	Perennial	Present	wind	Generalist	0
Water smartweed ( <i>Polygonum amphibium</i> )	32	●	Ge	Perennial	Present	insects	Generalist	2
Touch-me-not ( <i>Impatiens</i> spp.)	32	●	SI/SC	Annual	Absent	insects	Somewhat specific insect	6
Giant bur reed ( <i>Sparganium eurycarpum</i> )	27	●●●	UNK	Perennial	Present	wind	Generalist	0
Water parsnip ( <i>Sium suave</i> )	27	●	Pa	Perennial	Absent	insects	Generalist	5
Linear-leaved, Marsh, or Downy willow-herb**	23	●	Varies	Perennial	Present	insects	Generalist	3
Spotted water hemlock ( <i>Cicuta maculata</i> )	23	●	SC	Perennial	Present	insects	Generalist	2
Dotted smartweed ( <i>Polygonum punctatum</i> )	18	●	UNK	Annual or perennial	Present	insects	Generalist	5
Sweet flag ( <i>Acorus calamus</i> )	18	●●●	A	Perennial	Present	insects	Generalist	2
Swamp milkweed ( <i>Asclepias incarnata</i> )	18	●	SC/si	Perennial	Absent	insects	Somewhat specific insect	5
Northern marsh fern ( <i>Thelypteris palustris</i> )	18	●	SC	Perennial	Present	wind, water	Generalist	0
Cut-leaved bugleweed ( <i>Lycopus americanus</i> )	18	●	SC	Perennial	Weakly	insects	Generalist	2
Marsh cinquefoil ( <i>Potentilla palustris</i> )	14	●	SC	Perennial	Present	insects	Generalist	2
Flat-stemmed pondweed ( <i>Potamogeton zosteriformis</i> )	14	●	SI	Perennial	Absent	wind	Generalist	0
Common white water-lily ( <i>Nymphaea odorata</i> )	14	●	SI	Perennial	Present	insects	Somewhat specific insect	5
Spotted Joe pye weed ( <i>Eupatorium maculatum</i> )	14	●	UNK	Perennial	Present	insects	Generalist	3
Straight-leaved pondweed ( <i>Potamogeton strictifolius</i> )	9	●	UNK	Perennial	Absent	wind	Generalist	0
Marsh horsetail ( <i>Equisetum palustre</i> )	9	●	SC	Perennial	Present	wind, water	Generalist	0
Common mint ( <i>Mentha arvensis</i> )	9	●	SC	Perennial	Present	insects	Generalist	2
Intermediate bladderwort ( <i>Utricularia intermedia</i> )	9	●	UNK	Perennial	Present	insects	Somewhat specific insect	4
Yellow pond lily ( <i>Nuphar variegata</i> )	9	●	SC	Perennial	Present	insects	Somewhat specific insect	3
Unbranched bur reed ( <i>Sparganium emersum</i> )	9	●	UNK	Perennial	Present	wind	Generalist	0
Stinging nettle ( <i>Urtica dioica</i> )	9	●	D	Perennial	Present	wind	Generalist	0
Leafy pondweed ( <i>Potamogeton foliosus</i> )	9	●	SC	Perennial	Absent	water	Generalist	0
Nodding smartweed ( <i>Polygonum lapathifolium</i> )	9	●	UNK	Annual	Absent	insects	Generalist	5
Lady's thumb ( <i>Polygonum persicaria</i> )	9	●	SC	Annual	Absent	insects	Generalist	4

### Shrubs

Red-osier dogwood ( <i>Cornus sericea</i> )	9	●●	SI	Perennial	Present	insects	Generalist	4
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\*Three-cleft or small bedstraw\* (*Galium trifidum* or *G. tinctorium*); \*\*Linear-leaved, Marsh, or Downy willow-herb (*Epilobium* spp.)