

CR: 07/09/99
MOD: 10/07/13

10233-1

PRELIMINARY VEGETATION SURVEY
Eagle Fen

Date: September 13, 1938
July 18, 1964
1985
September 18, 1991
May 26, 1995
July 21, 2006
October 2, 2013

Observer: Richard Pohl

Paul Zedler

Lawrence A. Leitner, Principal Biologist
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Zofia Noe, Biologist
Southeastern Wisconsin Regional Planning Commission

Location: Waukesha County
T5N R17E NW NW and West NE 3
T6N R17E SE SW and SW SE 34

Plant Communities: (5139) Cinquefoil—Sedge Prairie Fen

Ecoregion: (222KE) Southern Green Bay Lobe Subsection

Species List (**dominant species**; *alien species*; **New species added on most recent visit**):

Ambrosia artemisiifolia--Common ragweed
Andropogon gerardii--Big bluestem
Andropogon scoparius--Little bluestem
Anenome virginiana--Tall thimbleweed
Asclepias incarnata--Marsh milkweed
Asparagus officinalis--Asparagus
Aster ericoides--Heath aster
Aster firmus--Swamp aster
Aster junciformis--Rush aster
Aster lateriflorus--Calico aster
Aster novae-angliae--New England aster
Aster simplex--Marsh aster
Aster umbellatus--Flattop aster
Betula pumila--Bog birch
Bidens cernua--Nodding marsh marigold
Bidens coronata--Tall marsh marigold
Bromus ciliatus--Ciliated brome grass
Calamagrostis canadensis--Canada bluejoint
Caltha palustris--Marsh-marigold
Campanula aparinoides--Marsh bellflower
Carex aquatilis--Aquatic sedge

Carex buxbaumii--Dark-scaled sedge
Carex hystericina--Porcupine sedge
Carex lasiocarpa--Woolly sedge
Carex sterilis--Sterile sedge
Carex stricta--Tussock sedge
Chelone glabra--Turtlehead
Cicuta bulbifera--Water-hemlock
Cirsium discolor--Prairie thistle
Cirsium muticum--Swamp thistle
** Cladium mariscoides (U)--Twig-rush
Cladonia sp.--British soldiers lichen
Comandra umbellata--Bastard toad-flax
Convolvulus sepium--Hedge bindweed
Conyza canadensis--Mare's tail
Cornus racemosa--Gray dogwood
Cornus stolonifera--Red-osier dogwood
Corylus americana--Hazelnut
Cuscuta sp.--Dodder
Cyperus rivularis--Brook nut sedge
** Cypripedium candidum (T)--White lady's-slipper
Eleocharis erythropoda--Red-rooted spike-rush

Equisetum arvense—Field horsetail
Equisetum hyemale—Tall scouring-rush
Erigeron strigosus—Daisy fleabane
Eriophorum angustifolium—Narrow-leaved cotton-grass
Eupatorium maculatum—Joe-Pye weed
Eupatorium perfoliatum—Boneset
Fragaria virginiana—Wild strawberry
Galium boreale—Northern bedstraw
Galium trifidum—Small bedstraw
Gentiana andrewsii—Bottle gentian
**** *Gentianopsis procera* (U)—Lesser fringed gentian**
Glyceria striata—Fowl manna grass
Helianthus grosseserratus—Sawtooth sunflower
**** *Hypericum kalmianum* (U)—Kalm's St. John's-wort**
Impatiens capensis—Jewelweed
Iris virginica—Virginia blueflag
Juncus dudleyi—Dudley's rush
Juncus nodosus—Joint rush
Juncus torreyi—Torrey's rush
Juniperus virginiana—Redcedar
Larix laricina—Larch
Lathyrus palustris—Marsh vetchling
Liatris pycnostachya—Gayfeather
Lobelia kalmii—Brook lobelia
Lycopus americanus—Cutleaf water-horehound
Lycopus uniflorus—Northern bugleweed
Lysimachia quadriflora—Narrow-leaved loosestrife
Lysimachia thyrsiflora—Tufted loosestrife
Lythrum alatum—Winged loosestrife
Lythrum salicaria—Purple loosestrife
Mentha arvensis—Mint
Monarda fistulosa—Bergamot
Muhlenbergia glomerata—Fen muhly grass
Muhlenbergia mexicana—Leafy satin grass
**** *Nuphar advena* (R)—Yellow pond-lily**
Oenothera biennis—Evening-primrose
Onoclea sensibilis—Sensitive fern
Oxypolis rigidior—Cowbane
**** *Panicum flexile* (U)—Wiry panic grass**
Pedicularis lanceolata—Swamp lousewort
Phalaris arundinacea—Reed canary grass
Phragmites australis—Tall reed grass
Physocarpus opulifolius—Ninebark
Polygonatum biflorum—Solomon's seal
Polygonum amphibium—Water smartweed
Populus tremuloides—Quaking aspen
Potamogeton crispus—Curly leaf pondweed
***Potentilla fruticosa*—Shrubby cinquefoil**
**** *Prenanthes racemosa* (U)—Rattlesnake-root**
Prunella vulgaris—Healall
Pycnanthemum virginianum—Mountainmint
Ratibida pinnata—Yellow coneflower
Rhamnus cathartica—Common buckthorn
Rhamnus frangula—Glossy buckthorn
Rhus vernix—Poison sumac
**** *Rhynchospora capillacea* (U)—Hair beak-rush**
**** *Ribes hirtellum* (U)—Swamp currant**

Rubus strigosus—Red raspberry
Rudbeckia hirta—Black-eyed Susan
Rumex verticillatus—Swamp dock
Salix bebbiana—Bebb's willow
**** *Salix candida* (U)—Sage willow**
Salix discolor—Pussy willow
Salix interior—Sandbar willow
Salix lucida—Shining willow
Salix pedicellaris—Bog willow
***Scirpus acutus*—Hardstem bulrush**
Scirpus atrovirens—Green bulrush
Scirpus cyperinus—Woolgrass
**** *Scleria verticillata* (R)—Low nut-rush**
Scutellaria galericulata—Marsh skullcap
Scutellaria lateriflora—Mad-dog skullcap
Senecio pauperculus—Balsam ragwort
Solidago altissima—Tall goldenrod
Solidago gigantea—Giant goldenrod
Solidago graminifolia—Grassleaf goldenrod
**** *Solidago ohioensis* (U)—Ohio goldenrod**
Solidago riddellii—Riddell's goldenrod
Solidago uliginosa—Bog goldenrod
Spartina pectinata—Prairie cordgrass
Sphagnum sp.—Sphagnum
Spiraea alba—Meadowsweet
Thalictrum dasycarpum—Tall meadow rue
Thelypteris palustris—Marsh fern
Triadenum fraseri—Marsh St. John's-wort
**** *Triglochin palustris* (R)—Slender bog arrow-grass**
Typha angustifolia—Narrow-leaved cattail
Typha latifolia—Broad-leaved cattail
Utricularia sp.—Bladderwort
Urtica dioica—Stinging nettle
**** *Valeriana edulis* (U)—Valerian**
Viburnum lentago—Nannyberry
Viola cucullata—Marsh blue violet
Vitis riparia—Riverbank grape

Summary:

Total number of plant species: 135 plants (112 prior)
 Number of alien plant species: 8 (6.3%)
 Number of Endangered (E) plant species: 0
 Number of Threatened (T) plant species: 1
 Number of Special Concern (R) plant species: 3
 Number of Uncommon (U) plant species: 9
 Floristic Quality Index:
 N = 127 (110 prior)
 R = 650
 C = 5.2
 I = 59.1