

**Minnesota Biological Survey
List of Plant Species Observed at
Hay Lake**

Lake Number: 09001000 Survey Date: 7/24/1997
County: Carlton T: 48N R: 17W Sec: 35
Major/Minor Watersheds: Nemadji River/Unnamed Minor Watershed
Located 4.5 miles southwest of the town of Carlton.
Area surveyed: northwest bay of the lake.

Submersed Plants (Plants with most leaves growing beneath the water surface)

<i>Ceratophyllum demersum</i>	Coontail
* <i>Potamogeton pusillus</i>	Very Small Pondweed
<i>Utricularia minor</i>	Lesser bladderwort
<i>Utricularia vulgaris</i>	Greater bladderwort

Free-floating Plants (Plants that float freely on the water surface)

<i>Lemna turionifera</i>	Turion-forming Duckweed
<i>Spirodela polyrhiza</i>	Greater duckweed

Floating-leaf Plants (Plants with leaves that float on the water surface)

<i>Brasenia schreberi</i>	Water shield
<i>Nuphar variegata</i>	Yellow Water Lily
<i>Nymphaea odorata</i> ssp. <i>tuberosa</i>	White Water Lily
<i>Persicaria amphibia</i>	Water smartweed
<i>Potamogeton amplifolius</i>	Large-leaved Pondweed, Cabbage
<i>Potamogeton epihydrus</i>	Ribbon-leaved Pondweed
* <i>Potamogeton natans</i>	Floating Leaf Pondweed
<i>Sparganium fluctuans</i>	Wide Floatingleaf Burreed

Emergent Plants (Plants with leaves extending above the water surface)

<i>Carex lacustris</i>	Lake Sedge
<i>Carex utriculata</i>	Beaked Sedge, Bottle-shaped
<i>Dulichium arundinaceum</i>	Three-way sedge
<i>Eleocharis erythropoda</i>	Bald spikerush
<i>Eleocharis palustris</i>	Small's Spikerush
<i>Equisetum fluviatile</i>	Water horsetail
<i>Glyceria borealis</i>	Northern manna grass

Hay Lake continued...

<i>Glyceria canadensis</i>	Rattlesnake grass
<i>Sagittaria latifolia</i>	Broad-leaved Arrowhead
<i>Schoenoplectus tabernaemontani</i>	Soft-stem bulrush
* <i>Sparganium emersum</i>	Green-fruited Burreed

Shoreline Plants (Plants associated with the wetland habitat)

<i>Calamagrostis canadensis</i>	Blue-joint
<i>Carex lasiocarpa</i> ssp. <i>americana</i>	Wiregrass, Woolly Sedge
<i>Juncus</i> sp.	Rush
<i>Lysimachia terrestris</i>	Swamp Candles, Loosestrife
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Potentilla palustris</i>	Marsh cinquefoil
<i>Salix</i> sp.	Willow
* <i>Scirpus cyperinus</i>	Wool-grass

* specimen to be deposited at University of Minnesota Herbarium