

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

Lake Number: 18033800 Survey Date: 7/16/1998
County: Crow Wing T: 135N R: 28W Sec: 29
Major/Minor Watersheds: Crow Wing River/Unnamed Minor Watershed
Located 8 miles northwest of the town of Brainerd.
Area Surveyed: smallest bay of lake along south shore.

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

<i>Ceratophyllum demersum</i>	Coontail
<i>Elodea canadensis</i>	Canadian waterweed
<i>Heteranthera dubia</i>	Water Stargrass, Mud Plantain
<i>Myriophyllum sibiricum</i>	Northern Watermilfoil
* <i>Myriophyllum verticillatum</i>	Whorled Watermilfoil
* <i>Najas flexilis</i>	Bushy Pondweed, Common Naiad
* <i>Potamogeton illinoensis</i>	Illinois Pondweed
<i>Potamogeton praelongus</i>	White-stemmed Pondweed
* <i>Potamogeton pusillus</i> ssp. <i>tenuissimus</i>	Very Small Pondweed
<i>Potamogeton richardsonii</i>	Claspingleaf Pondweed
<i>Potamogeton strictifolius</i>	Straightleaved Pondweed
<i>Potamogeton zosteriformis</i>	Flatstem Pondweed
* <i>Ranunculus flammula</i>	Spearwort
* <i>Stuckenia filiformis</i> ssp. <i>occidentalis</i>	Blunt-tipped Sago Pondweed
<i>Stuckenia pectinata</i>	Common Sago Pondweed
*% <i>Utricularia gibba</i>	Humped bladderwort
* <i>Utricularia minor</i>	Lesser bladderwort
<i>Utricularia vulgaris</i>	Greater bladderwort
<i>Vallisneria americana</i>	Wild Celery, Eel-grass

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

<i>Lemna trisulca</i>	Ivy-leaved duckweed
<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>Nymphaea odorata</i> ssp. <i>tuberosa</i>	White Water Lily
<i>Persicaria amphibia</i>	Water smartweed

Gladstone Lake continued...

Potamogeton amplifolius
Potamogeton natans

Large-leaved Pondweed, Cabbage
Floating Leaf Pondweed

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

<i>Dulichium arundinaceum</i>	Three-way sedge
<i>Eleocharis erythropoda</i>	Bald spikerush
<i>Equisetum fluviatile</i>	Water horsetail
<i>Phragmites australis</i>	Common reed grass, Cane
<i>Sagittaria rigida</i>	Stiff Wapato, Sessile-fruited
<i>Schoenoplectus acutus</i> var. <i>acutus</i>	Hard-stem bulrush
<i>Schoenoplectus pungens</i>	Three-square bulrush
* <i>Sparganium emersum</i>	Green-fruited Burreed
<i>Typha latifolia</i>	Broad-leaved cattail
<i>Zizania palustris</i>	Wild rice

Shoreline Plants (Plants associated with the wetland habitat)

<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled alder
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens</i> sp.	Bur-Marigold; Beggar-Tick
<i>Calamagrostis canadensis</i>	Blue-joint
<i>Campanula aparinoides</i>	Marsh Bellflower
<i>Carex bebbii</i>	Bebb's Sedge
<i>Carex comosa</i>	Bottlebrush sedge
<i>Carex diandra</i>	Two-stamened Sedge
<i>Carex lasiocarpa</i> ssp. <i>americana</i>	Wiregrass, Woolly Sedge
<i>Cicuta bulbifera</i>	Bulb-bearing water-hemlock
<i>Eleocharis acicularis</i>	Needle Spike-rush
<i>Impatiens capensis</i>	Jewelweed, Spotted touch-me-not
<i>Iris versicolor</i>	Blue Flag
<i>Lysimachia terrestris</i>	Swamp Candles, Loosestrife
<i>Lysimachia thyrsoflora</i>	Tufted loosestrife
<i>Potentilla palustris</i>	Marsh cinquefoil
<i>Rumex crispus</i>	Curly dock
<i>Salix</i> sp.	Willow
<i>Triadenum fraseri</i>	Marsh St. John's-wort

* specimen to be deposited at University of Minnesota Herbarium
% occurrence recorded in Natural Heritage Rare Features Database