

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

Lake Number: 69023100 Survey Date: 7/7/1999  
County: St Louis T: 52N R: 14W Sec: 10  
Major/Minor Watersheds: Cloquet River/Unnamed Minor Watershed  
Located 14 miles north of Duluth.  
Area surveyed: northeast shore of the lake.

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

<i>Bidens beckii</i>	Water-marigold
*% <i>Ceratophyllum echinatum</i>	Soft Coontail, Spiny Hornwort
<i>Elodea canadensis</i>	Canadian waterweed
<i>Heteranthera dubia</i>	Water Stargrass, Mud Plantain
<i>Myriophyllum sp.</i>	Water-Milfoil
<i>Najas flexilis</i>	Bushy Pondweed, Common Naiad
<i>Potamogeton praelongus</i>	White-stemmed Pondweed
<i>Vallisneria americana</i>	Wild Celery, Eel-grass

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

<i>Nuphar variegata</i>	Yellow Water Lily
<i>Nuphar x rubrodiscalis</i>	Red Disk Yellow Water Lily
<i>Nymphaea odorata ssp. tuberosa</i>	White Water Lily
<i>Potamogeton amplifolius</i>	Large-leaved Pondweed, Cabbage
<i>Potamogeton spirillus</i>	Snailseed Pondweed

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

<i>Carex aquatilis</i> var. <i>substricta</i>	Aquatic Sedge
<i>Eleocharis palustris</i>	Small's Spikerush
<i>Sagittaria rigida</i>	Stiff Wapato, Sessile-fruited
<i>Schoenoplectus tabernaemontani</i>	Soft-stem bulrush
<i>Typha latifolia</i>	Broad-leaved cattail

***Shoreline Plants (Plants associated with the wetland habitat)***

<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled alder
<i>Calamagrostis canadensis</i>	Blue-joint
<i>Campanula aparinoides</i>	Marsh Bellflower

Jacobs Lake continued...

<i>Carex stricta</i>	Hummock Sedge
<i>Chamaedaphne calyculata</i>	Leather-leaf
<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>Lycopus uniflorus</i>	Northern bugleweed
<i>Myosotis sp.</i>	Forget-me-not; Scorpion Grass
<i>Rumex sp.</i>	Dock; Sorrel
<i>Salix sp.</i>	Willow
<i>Scirpus cyperinus</i>	Wool-grass
<i>Thelypteris palustris</i>	Northern marsh fern
<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