

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

Lake Number: 09003200 Survey Date: 7/23/1997  
County: Carlton T: 49N R: 18W Sec: 21  
Major/Minor Watersheds: St. Louis River/Unnamed Minor Watershed  
Located 2.5 mile north of the town of Sawyer.  
Area surveyed: northwest bay of the lake.

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

|                                  |                               |
|----------------------------------|-------------------------------|
| * <i>Elatine minima</i>          | Smallest Waterwort            |
| * <i>Elodea nuttallii</i>        | Nuttall's Waterweed           |
| <i>Heteranthera dubia</i>        | Water Stargrass, Mud Plantain |
| * <i>Isoetes echinospora</i>     | Braun's quillwort             |
| * <i>Lobelia dortmanna</i>       | Water lobelia                 |
| <i>Myriophyllum sp.</i>          | Water-Milfoil                 |
| * <i>Myriophyllum farwellii</i>  | Farwell's Watermilfoil        |
| *% <i>Myriophyllum tenellum</i>  | Leafless Water Milfoil        |
| <i>Najas flexilis</i>            | Bushy Pondweed, Common Naiad  |
| *% <i>Najas gracillima</i>       | Very Slender Naiad            |
| <i>Potamogeton praelongus</i>    | White-stemmed Pondweed        |
| <i>Potamogeton robbinsii</i>     | Robbins' Pondweed             |
| <i>Potamogeton zosteriformis</i> | Flatstem Pondweed             |
| <i>Ranunculus flammula</i>       | Spearwort                     |
| <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 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 ssp. tuberosa</i> | White Water Lily               |
| <i>Potamogeton amplifolius</i>        | Large-leaved Pondweed, Cabbage |
| <i>Potamogeton epihydrus</i>          | Ribbon-leaved Pondweed         |
| <i>Potamogeton gramineus</i>          | Variable Pondweed              |
| <i>Potamogeton spirillus</i>          | Snailseed Pondweed             |

Big Lake continued...

|                                   |                             |
|-----------------------------------|-----------------------------|
| *% <i>Potamogeton vaseyi</i>      | Vasey's Pondweed            |
| * <i>Sparganium angustifolium</i> | Narrow Floatingleaf Burreed |

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

|                             |                           |
|-----------------------------|---------------------------|
| <i>Calla palustris</i>      | Wild calla                |
| * <i>Pontederia cordata</i> | Pickereel-weed, Moose Ear |
| <i>Sagittaria sp.</i>       | Arrowhead                 |
| <i>Typha latifolia</i>      | Broad-leaved cattail      |

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

|                              |                               |
|------------------------------|-------------------------------|
| <i>Eleocharis acicularis</i> | Needle Spike-rush             |
| <i>Juncus sp.</i>            | Rush                          |
| <i>Juncus tenuis</i>         | Path rush                     |
| <i>Myosotis sp.</i>          | Forget-me-not; Scorpion Grass |
| <i>Myosotis laxa</i>         | Smaller forget-me-not         |
| <i>Phalaris arundinacea</i>  | Reed canary grass             |
| <i>Scirpus atrocinctus</i>   | Black-spiked bulrush          |
| * <i>Scirpus atrovirens</i>  | Dark-green Bulrush            |
| * <i>Scirpus microcarpus</i> | Red-tinged bulrush            |

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