

**Minnesota Biological Survey  
List of Plant Species Observed at  
Upper South Long Lake**

Lake Number: 18009600 Survey Date: 8/20/1996  
County: Crow Wing T: 44N R: 29W Sec: 18  
Major/Minor Watersheds: Mississippi River-Brainerd/Upper S Long Lake  
Located 8 miles southeast of the town of Brainerd.  
Area surveyed: south bay of Upper South Long Lake.

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

|  |                               |
|--|-------------------------------|
| * <i>Bidens beckii</i>                           | Water-marigold                |
| <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>Najas flexilis</i>                            | Bushy Pondweed, Common Naiad  |
| *@ <i>Potamogeton crispus</i>                    | Curled Pondweed               |
| <i>Potamogeton foliosus</i> ssp. <i>foliosus</i> | Leafy Pondweed                |
| <i>Potamogeton friesii</i>                       | Fries' Pondweed               |
| <i>Potamogeton illinoensis</i>                   | Illinois Pondweed             |
| <i>Potamogeton pusillus</i>                      | Very Small Pondweed           |
| <i>Potamogeton richardsonii</i>                  | Claspingleaf Pondweed         |
| * <i>Potamogeton strictifolius</i>               | Straightleaved Pondweed       |
| <i>Potamogeton zosteriformis</i>                 | Flatstem Pondweed             |
| * <i>Stuckenia filiformis</i>                    | Blunt-tipped Sago Pondweed    |
| <i>Stuckenia pectinata</i>                       | Common Sago Pondweed          |
| <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>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 gramineus</i>                 | Variable Pondweed              |

Upper South Long Lake continued...

|                              |                        |
|------------------------------|------------------------|
| <i>Potamogeton natans</i>    | Floating Leaf Pondweed |
| * <i>Potamogeton nodosus</i> | River Pondweed         |

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

|                           |                               |
|---------------------------|-------------------------------|
| <i>Calla palustris</i>    | Wild calla                    |
| <i>Sagittaria rigida</i>  | Stiff Wapato, Sessile-fruited |
| <i>Sparganium emersum</i> | Green-fruited Burreed         |

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

|                        |                           |
|------------------------|---------------------------|
| <i>Bidens sp.</i>      | Bur-Marigold; Beggar-Tick |
| <i>Iris versicolor</i> | Blue Flag                 |

\* specimen to be deposited at University of Minnesota Herbarium  
@ exotic invader