

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

Lake Number: 18009100 Survey Date: 8/19/1995  
County: Crow Wing T: 46N R: 29W Sec: 24  
Major/Minor Watersheds: Mississippi River-Brainerd/Blackhoof Creek  
Located 2 miles southwest of the town of Deerwood.  
Area surveyed: northeast bay of the lake.

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

<i>Ceratophyllum demersum</i>	Coontail
* <i>Elatine minima</i>	Smallest Waterwort
* <i>Najas flexilis</i>	Bushy Pondweed, Common Naiad
<i>Potamogeton foliosus</i> ssp. <i>foliosus</i>	Leafy Pondweed
* <i>Potamogeton pusillus</i>	Very Small Pondweed
<i>Potamogeton robbinsii</i>	Robbins' 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
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***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

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

<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>Sagittaria cristata</i>	Crested arrowhead
<i>Sagittaria latifolia</i>	Broad-leaved Arrowhead
<i>Schoenoplectus acutus</i> var. <i>acutus</i>	Hard-stem bulrush
<i>Schoenoplectus tabernaemontani</i>	Soft-stem bulrush

Olander Lake continued...

<i>Sparganium sp.</i>	Burreed
<i>Typha latifolia</i>	Broad-leaved cattail
<i>Zizania palustris</i>	Wild rice

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

<i>Bidens sp.</i>	Bur-Marigold; Beggar-Tick
<i>Calamagrostis canadensis</i>	Blue-joint
<i>Cicuta bulbifera</i>	Bulb-bearing water-hemlock
<i>Glyceria striata</i>	Fowl manna grass
<i>Leersia oryzoides</i>	Rice cut grass
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Potentilla palustris</i>	Marsh cinquefoil
* <i>Salix eriocephala</i>	Yellow Willow
<i>Scirpus cyperinus</i>	Wool-grass
<i>Verbena hastata</i>	Blue vervain

\* specimen to be deposited at University of Minnesota Herbarium