

Minnesota Biological Survey  
List of Plant Species Observed at  
Big Lake



Lake Number: 04004900 Survey Date: 8/15/2011

County: Beltrami T: 147N R: 31W Sec: 34

Major/Minor Watersheds: Mississippi River-Headwaters/Unnamed Minor Watershed

Located 14 miles east northeast of the town of Bemidji, MN.

Area surveyed: east shore of the lake.

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

*Ceratophyllum demersum*

*Myriophyllum sibiricum*

*Najas flexilis*

*Potamogeton friesii*

*Potamogeton illinoensis*

*Potamogeton praelongus*

Coontail

Northern Watermilfoil

Bushy Pondweed, Common Naiad

Fries' Pondweed

Illinois Pondweed

White-stemmed Pondweed

Big Lake continued...

<i>Potamogeton richardsonii</i>	Claspingleaf Pondweed
<i>Potamogeton strictifolius</i>	Straightleaved Pondweed
<i>Potamogeton zosteriformis</i>	Flatstem Pondweed
* <i>Stuckenia</i> sp.	Sago Pondweed
* <i>Stuckenia filiformis</i> ssp. <i>occidentalis</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
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***Floating-leaf Plants (Plants with leaves that float on the water surface)***

cf <i>Nuphar variegata</i>	Yellow Water Lily
<i>Persicaria amphibia</i>	Water smartweed
<i>Potamogeton amplifolius</i>	Large-leaved Pondweed, Cabbage
<i>Potamogeton gramineus</i>	Variable Pondweed
<i>Potamogeton natans</i>	Floating Leaf Pondweed
<i>Sagittaria cuneata</i>	Floating Leaf Arrowhead

***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>Phragmites australis</i>	Common reed grass, Cane
<i>Sagittaria latifolia</i>	Broad-leaved Arrowhead
<i>Schoenoplectus acutus</i> var. <i>acutus</i>	Hard-stem bulrush
<i>Typha angustifolia</i>	Narrow-leaved cat-tail
<i>Zizania palustris</i>	Wild rice

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

<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled alder
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Big Lake continued...

<i>Asclepias incarnata</i>	Swamp milkweed
<i>Betula pumila</i>	Bog birch
<i>Bidens sp.</i>	Bur-Marigold; Beggar-Tick
<i>Campanula aparinoides</i>	Marsh Bellflower
<i>Cornus sericea</i>	Red-osier dogwood
<i>Eupatorium perfoliatum</i>	Common boneset
<i>Eutrochium maculatum</i>	Spotted Joe-pye weed
<i>Lycopus uniflorus</i>	Northern bugleweed
<i>Mentha arvensis</i> var. <i>canadensis</i>	Common mint
<i>Persicaria lapathifolia</i>	Nodding smartweed
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Rumex sp.</i>	Dock; Sorrel
<i>Salix candida</i>	Sage-leaved willow
<i>Scutellaria galericulata</i>	Marsh skullcap
<i>Scutellaria lateriflora</i>	Mad-dog skullcap
<i>Sonchus sp.</i>	Sow-Thistle
<i>Thelypteris palustris</i>	Northern marsh fern

\* specimen to be deposited at University of Minnesota Herbarium