

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

Lake Number: 01000100 Survey Date: 7/6/1995  
County: Aitkin T: 43N R: 22W Sec: 24  
Major/Minor Watersheds: Kettle River/Big Pine Lake  
Located 2.5 miles southeast of the town of Geise.  
Area surveyed: south bay of the lake.

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

<i>Ceratophyllum demersum</i>	Coontail
<i>Elodea canadensis</i>	Canadian waterweed
<i>Najas flexilis</i>	Bushy Pondweed, Common Naiad
* <i>Potamogeton pusillus</i>	Very Small Pondweed
<i>Potamogeton richardsonii</i>	Claspingleaf Pondweed
<i>Potamogeton zosteriformis</i>	Flatstem Pondweed
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	White water-crowfoot
<i>Stuckenia pectinata</i>	Common Sago Pondweed
<i>Vallisneria americana</i>	Wild Celery, Eel-grass

***Free-floating Plants (Plants that float freely on the water surface)***

<i>Lemna trisulca</i>	Ivy-leaved duckweed
<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>Potamogeton amplifolius</i>	Large-leaved Pondweed, Cabbage
<i>Potamogeton natans</i>	Floating Leaf Pondweed

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

<i>Eleocharis palustris</i>	Small's Spikerush
<i>Sagittaria latifolia</i>	Broad-leaved Arrowhead
<i>Sagittaria rigida</i>	Stiff Wapato, Sessile-fruited
<i>Schoenoplectus acutus</i> var. <i>acutus</i>	Hard-stem bulrush
<i>Schoenoplectus tabernaemontani</i>	Soft-stem bulrush

Big Pine Lake continued...

*Sparganium eurycarpum*

Giant Burreed

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

<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled alder
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens</i> sp.	Bur-Marigold; Beggar-Tick
<i>Calamagrostis canadensis</i>	Blue-joint
* <i>Calamagrostis neglecta</i>	Reed-Grass
<i>Carex comosa</i>	Bottlebrush sedge
<i>Eleocharis acicularis</i>	Needle Spike-rush
<i>Galium</i> sp.	Bedstraw; Cleavers
<i>Impatiens capensis</i>	Jewelweed, Spotted touch-me-not
<i>Juncus</i> sp.	Rush
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Potentilla palustris</i>	Marsh cinquefoil
* <i>Salix</i> sp.	Willow
* <i>Salix bebbiana</i>	Bebb's willow
cf <i>Scirpus atrovirens</i>	Dark-green Bulrush
<i>Sium suave</i>	Water-parsnip
<i>Solanum dulcamara</i>	Bittersweet nightshade

\* specimen to be deposited at University of Minnesota Herbarium