

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

Lake Number: 58013800 Survey Date: 7/1/1998  
County: Pine T: 43N R: 21W Sec: 18  
Major/Minor Watersheds: Kettle River/Big Pine Lake  
Located 1 mile east of Aitkin/Pine co line on highway 18.  
Area Surveyed: northeast end of the 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 illinoensis</i>	Illinois Pondweed
<i>Potamogeton praelongus</i>	White-stemmed Pondweed
* <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>Callitriche palustris</i>	Marsh Water Starwort
<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 epihydrus</i>	Ribbon-leaved Pondweed

Big Pine Lake continued...

*Potamogeton spirillus*

Snailseed Pondweed

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

<i>Carex lacustris</i>	Lake Sedge
<i>Eleocharis erythropoda</i>	Bald spikerush
<i>Eleocharis palustris</i>	Small's Spikerush
<i>Equisetum fluviatile</i>	Water horsetail
* <i>Glyceria canadensis</i>	Rattlesnake grass
* <i>Juncus effusus</i> var. <i>solutus</i>	Loosely-spreading Bog Rush
<i>Phragmites australis</i>	Common reed grass, Cane
cf <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
<i>Sparganium eurycarpum</i>	Giant Burreed
<i>Typha latifolia</i>	Broad-leaved cattail

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

<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens</i> sp.	Bur-Marigold; Beggar-Tick
<i>Carex comosa</i>	Bottlebrush sedge
<i>Carex diandra</i>	Two-stamened Sedge
<i>Carex pseudocyperus</i>	False Cyperus sedge
<i>Carex stricta</i>	Hummock Sedge
<i>Cicuta bulbifera</i>	Bulb-bearing water-hemlock
<i>Eleocharis acicularis</i>	Needle Spike-rush
cf <i>Eleocharis ovata</i>	Ovate Spikerush
<i>Galium</i> sp.	Bedstraw; Cleavers
* <i>Glyceria grandis</i>	Tall manna grass
<i>Glyceria striata</i>	Fowl manna grass
<i>Impatiens capensis</i>	Jewelweed, Spotted touch-me-not
<i>Juncus</i> sp.	Rush
* <i>Juncus interior</i>	Species of rush
<i>Juncus tenuis</i>	Path rush
<i>Lysimachia thyrsiflora</i>	Tufted loosestrife
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Potentilla palustris</i>	Marsh cinquefoil
<i>Rumex</i> sp.	Dock; Sorrel
* <i>Salix</i> sp.	Willow
* <i>Salix planifolia</i>	Flat-leaved Willow

Big Pine Lake continued...

*Scirpus atrovirens*

Dark-green Bulrush

*Scutellaria galericulata*

Marsh skullcap

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