

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

Lake Number: 47000200 Survey Date: 8/27/2002
County: Meeke T: 120N R: 28W Sec: 12
Major/Minor Watersheds: North Fork Crow River/Unnamed Minor Watershed
Located 13 miles northeast of the town of Litchfield.
Area surveyed: northwest shore of the lake.

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

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|--|-----------------------------------|
| <i>Bidens beckii</i> | Water-marigold |
| <i>Ceratophyllum demersum</i> | Coontail |
| <i>Myriophyllum sibiricum</i> | Northern Watermilfoil |
| <i>Najas flexilis</i> | Bushy Pondweed, Common Naiad |
| *% <i>Najas guadalupensis</i> ssp. <i>olivacea</i> | Olivaceous Guadalupe Island Naiad |
| <i>Potamogeton illinoensis</i> | Illinois 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)

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| <i>Lemna turionifera</i> | Turion-forming Duckweed |
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Floating-leaf Plants (Plants with leaves that float on the water surface)

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|--------------------------------|--------------------------------|
| <i>Potamogeton amplifolius</i> | Large-leaved Pondweed, Cabbage |
| <i>Potamogeton gramineus</i> | Variable Pondweed |
| <i>Potamogeton natans</i> | Floating Leaf Pondweed |

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

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

Francis Lake continued...

Shoreline Plants (Plants associated with the wetland habitat)

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|---------------------------------|---------------------------|
| <i>Alnus incana ssp. rugosa</i> | Speckled alder |
| <i>Cyperus sp.</i> | Nut-Grass; Umbrella-Sedge |
| <i>Eleocharis acicularis</i> | Needle Spike-rush |
| <i>Persicaria lapathifolia</i> | Nodding smartweed |
| <i>Phalaris arundinacea</i> | Reed canary grass |

* specimen to be deposited at University of Minnesota Herbarium
% occurrence recorded in Natural Heritage Rare Features Database