

## Mamie Lake

Twenty-two native species were detected in Mamie Lake (Table 11). Most of the points sampled in Mamie Lake did not contain aquatic plants, because of the depth of the sampling points. The majority of the plants sampled were located along the southern shoreline and the main island on the north end of the lake (Figure 16). One highly conserved species, the spine hornwort, and many other sensitive species were detected in Mamie Lake. Thus, the FQI for Mamie Lake (31.76) was higher than average.

Species	Common Name
<i>Bidens beckii</i>	Water marigold
<i>Ceratophyllum demersum</i>	Coontail
<i>Ceratophyllum echinatum</i>	Spiny hornwort
<i>Elodea canadensis</i>	Common waterweed
<i>Lemna trisulca</i>	Forked duckweed
<i>Myriophyllum sibiricum</i>	Northern water-milfoil
<i>Myriophyllum verticillatum</i>	Whorled water-milfoil
<i>Nitella</i>	Nitella
<i>Nuphar variegata</i>	Spatterdock
<i>Potamogeton alpinus</i>	Alpine pondweed
<i>Potamogeton amplifolius</i>	Large-leaf pondweed
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed
<i>Potamogeton foliosus</i>	Leafy pondweed
<i>Potamogeton friesii</i>	Fries' pondweed
<i>Potamogeton gramineus</i>	Variable pondweed
<i>Potamogeton illinoensis</i>	Illinois pondweed
<i>Potamogeton richardsonii</i>	Clasping-leaf pondweed
<i>Potamogeton zosteriformis</i>	Flat-stem pondweed
<i>Ranunculus aquatilis</i>	White water crowfoot
<i>Stuckenia vaginata</i>	Sheathed pondweed
<i>Utricularia vulgaris</i>	Common bladderwort
<i>Vallisneria americana</i>	Wild celery
<b>Species Detected</b>	<b>22</b>
<b>Floristic Quality Index</b>	<b>31.76</b>

Table 11 – Aquatic plant abundance and relative quality estimates for Mamie Lake.

**Figure 16 - Distribution of Native and Invasive Species in Mamie Lake**

