

## Field Guide

Pellston, Michigan, USA Aquatic Life and Shoreline Species in and along Douglas Lake

## **Aquatic Plants**



1. Potomogeton richardsonii Richardson's Pondweed: No floating leaves. Submersed leaves ovate-lanceolate with strong veins, clasping stem. Stipules disintegrating to persistent white fibers.



2. Myriophyllum sibiricum
Siberian Water-Milfoil: Leaves
whorled, finely pinnately dissected.
Middle leaves with 11 or fewer
segments on each side of rachis.



3. Elodea canadensis Canadian Waterweed: Simple submersed leaves in whorls of 3. Leaves 1–5 mm wide, blunt at apex.



4. Utricularia vulgaris
Common Bladderwort:
Carnivorous. 2–5 yellow flowers
per stem. Free-floating plants.
Leaf-like branches round in
cross section, divided 6 or more
times, bear bladder-like traps
that capture small organisms.



4. Utricularia vulgaris

Common Bladderwort:

Carnivorous. 2–5 yellow flowers

per stem. Free-floating plants.

forked no more than twice.



6. Potomogeton gramineus Grass-leaved Pondweed: Submersed leaves entire, sessile, usually 5-9-veined. Stems round in cross-section, commonly branched.



7. Stuckenia pectinata
Fennel-leaf Pondweed: Appears
fan-like. Much-branched stems
with numerous opaque, fine leaves
with acute tips.



8. Najas flexilis
Slender water-nymph: Leaves
appearing opposite or whorled,
tapering to tip with 20-60
minute spines.



9. Potomogeton zosteriformis Eel-grass Pondweed: No floating leaves. Submersed leaves linear, 15-35-veined, usu. less than 2 mm wide. Stem round in cross section.



10. Potomogeton amplifolius Broad-leaved Pondweed: Submersed leaves entire, 27-37veined, distinctly arced. Stems round in cross-section.



11. Vallisneria americana
American Eelgrass: Long, basal,
ribbon-like leaves. Flowers reach
surface by the growth of a long,
cylindrical peduncle.



12. Potomogeton natans
Floating-leaved Pondweed:
Floating leaves 0.5-5 inches long,
1-2 inches wide, usu. cordate at
base. Petiole pale at junction with
blade. Submersed leaves 1-2 mm
wide.



13. Utricularia minor
Lesser Bladderwort:
Carnivorous. Yellow flowers, spur
of corolla <3 mm. Free-floating
plants. Leaf-like branches, flat in
cross section, bear bladder-like
traps that capture small
organisms.



14. Nymphaea odorata, \*akandamoo American White Waterlily: Showy, fragrant white to pinkish flowers with deeply cleft, circular floating leaves. Pink invasives have been observed in the Maple River's East Branch.



15. Brasenia schreberi Watershield: Purple-red flowers. Floating leaves elliptic. Submersed parts typically coated in gelatinous slime. Occurs in quiet waters.



16. Nuphar variegata
Yellow Pond-Lily: Showy, yellow
flowers. Floating leaves deeply
cleft with petioles flattened
above or slightly winged.