

Gray boxes =
invasive plant

White boxes =
native plant

Submerged

Leaves divided

Leaves simple

Leaves feather-like

Leaves not feather-like

Leaves alternate on stem

Leaves in whorls around stem

More than 14 leaflets per leaf, leaves collapse against stem when removed from water
Eurasian water milfoil

Fewer than 14 leaflets per leaf, plant holds its shape when removed from water
Native milfoils

Leaves have bladders
Bladderwort

No bladders

Leaves in a whorl all the way around the stem
Coontail or aquatic plant-like algae (Chara or Nitella sp.)

Leaves paired and opposite
Fanwort

Leaf margins smooth

Leaf margins visibly toothed, leaves in whorls of five
Hydrilla

Leaves more evenly distributed on stem

Leaves clasp stem, tend to bunch at stem ends
Water-nymph

Leaves not rigid, have mid-vein(s)

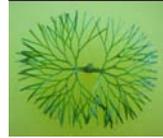
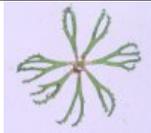
Leaves scaly, rather rigid and overlapping along entire length of stem
Water moss

Leaves elliptical to thread-like, sometimes have floating leaves
Native pondweeds

Leaves thin, leaf margins wavy
Curly-leaf pondweed

Leaves mostly in whorls of three
American waterweed

Leaves in whorls of four (up to six)
Brazilian elodea



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Floating

Rooted to bottom

Free floating

Some leaves on stalks above water (emergent)

No emergent leaves

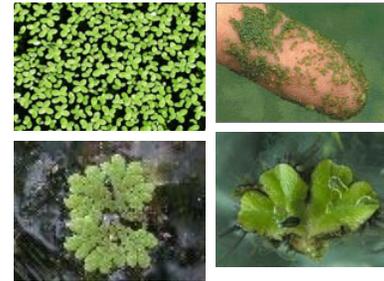
Leaves tiny
**Duckweeds, watermeals,
water-fern, Riccia**

Leaves bulbous at
base
Water hyacinth

Leaves feather-like and
in whorls around stem
Parrotfeather



Leaves alternate on stem,
flowers yellow, showy
Floating primrose-willow



Submerged leaves
present along stem,
usually different from
floating leaves
**Pondweeds,
Water star-worts**



No submerged leaves

Stem attached in
center of leaf,
lower leaf
surfaces and
buds covered in
slime
Water shield



Stem attached in
slit at leaf edge

Leaf small (<10cm), leaf edge
wavy, yellow flowers with ruffly
petals borne in groups of 2-5 per
stalk
Yellow floating-heart



One flower per
stalk



Leaf edge smooth, flowers
white to pink and borne
singly on separate stalks
Fragrant water-lily

Leaf generally
large and heart-
shaped, flower a
yellow ball
**Spatterdock or
Yellow pondlily**

