



DEAR Field Keys

Large Floating Plants



**Floating-
Leaved Plant
(>3cm/1in.)**

Leaves
entire (no
sinus or
lobes)

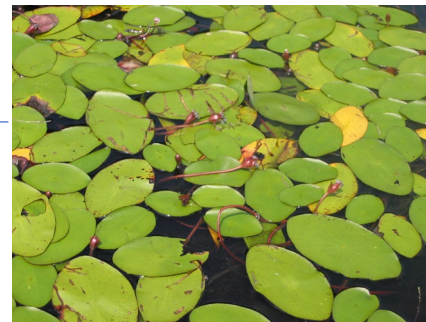
Plant
rooted in
substrate,
with long
stem and
floating leaf

Leaf v. large (up to 60
cm/24 in.), round, with
waxy surface; can be
emergent when stranded;
“showerhead” fruit



Nelumbo lutea

Leaf smallish (3-12 cm/1-5
in.) and football shaped;
underside of leaf and
stems covered with clear,
gelatinous goo



Brasenia schreberi

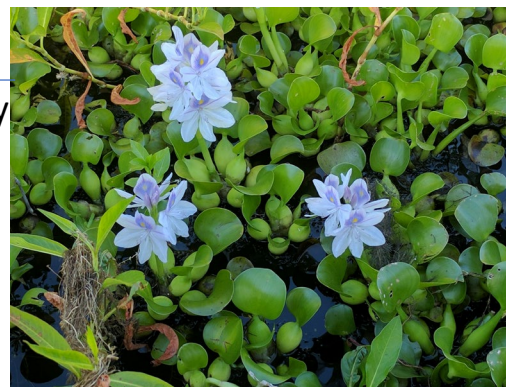
Plant
floating,
with
feathery
roots (that
may get
stranded in
substrate)

Leaves wider toward the
tips and with prominent
parallel veins; arranged in
rosettes that look like a
floating head of lettuce



***Pistia stratiotes*
FLEPPC I**

Leaves round or nearly so;
stems usually spongy-
inflated, balloon-like. Showy
purple flower with yellow
center



***Eichhornia crassipes*
FLEPPC I**

Leaves with a sinus

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Floating-leaved plant **with a sinus or cleft** (>3cm/1in.)

Leaves variable in size, but typically large (to 50 cm/20in. across or 40 cm/15 in. long)

Base of leaf lobes come to distinct point, do not overlap; palmate veins; white flowers



Nymphaea odorata

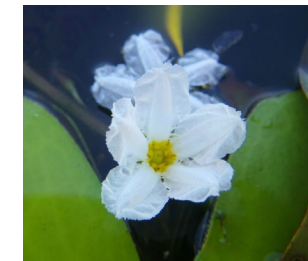
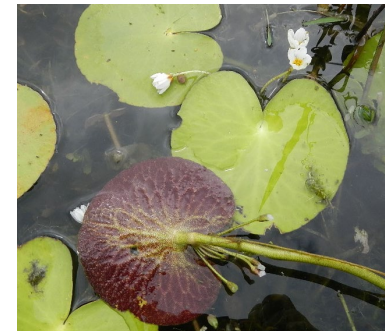
Base of leaf lobes are rounded, may overlap; veins pinnate; yellow bulbous flower; leaves may be emergent or submersed



Nuphar advena

Leaves small (to 15 cm/6 in. long) rounded to heart shaped

Leaf lower surfaces rough, often red-purple punctate, clusters of banana-like tubers just under leaves, at same node as flowers



Nymphoides aquatica

Leaf lower surfaces with spongy tissue at the base *in floating leaves only*; leaves can also be emergent and form mats



Limnobia spongia