

Lake Tour 2007

Introduction to Aquatic Plants by Dr. Robert Haynes

This is a collection of photos taken on a multi-purpose tour. Only a few of Lake Claiborne's aquatic plants are shown. Diagrams of a more complete selection of plants are shown on a separate document.








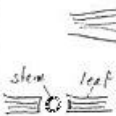

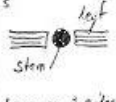











Giant Cutgrass or Water millett (Zizaniopsis miliacea)



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Grasses and Sedges: There is a Difference

	Important Range Plant Groups				
	Grasses	Grass-like		FORBS	shrubs
		Sedges	Rushes		
STEMS	 <p>Jointed Hollow or Pithy</p>	 <p>Solid & Not Jointed</p>	 <p>Solid</p>	 <p>Solid</p>	 <p>growth rings solid</p>
LEAVES	 <p>Leaves on 2 sides of stem</p>	 <p>Parallel Veins Leaves on 3 Sides of stem</p>	 <p>Leaves on 2 sides of stem rounded</p>	 <p>"Veins" are not like</p>	
FLOWERS	 <p>Floret</p>	 <p>male female Structures Combined</p>		 <p>usually showy</p>	
EXAMPLE	 <p>Western wheat grass</p>	 <p>Threadleaf Sedge</p>	 <p>Wire Rush</p>	 <p>Yarrow</p>	 <p>Big Sage brush (Yucca)</p>

<http://www.lib.ksu.edu/wildflower/drawing/plantgroup.jpg>

Lizard's tail (Sarurus cernuus)



Lizard's tail (Sarurus cernuus)



Water primrose (Ludwigia peploides)



Water hyacinth (Eichhornia crassipes) & Others



Water hyacinth (Eichhornia crassipes)





***Water hyacinth
(Eichhornia crassipes)***

***Dr. Haynes demonstrates
how this plant divides
to produce two plants***

Oneflower False Fiddleleaf (Hydrolea)



Oneflower False Fiddleleaf (Hydrolea uniflora)



Oneflower False Fiddleleaf (Hydrolea)



Water Primrose (Ludwigia peploides)



Coontail (Ceratophyllum demersum)



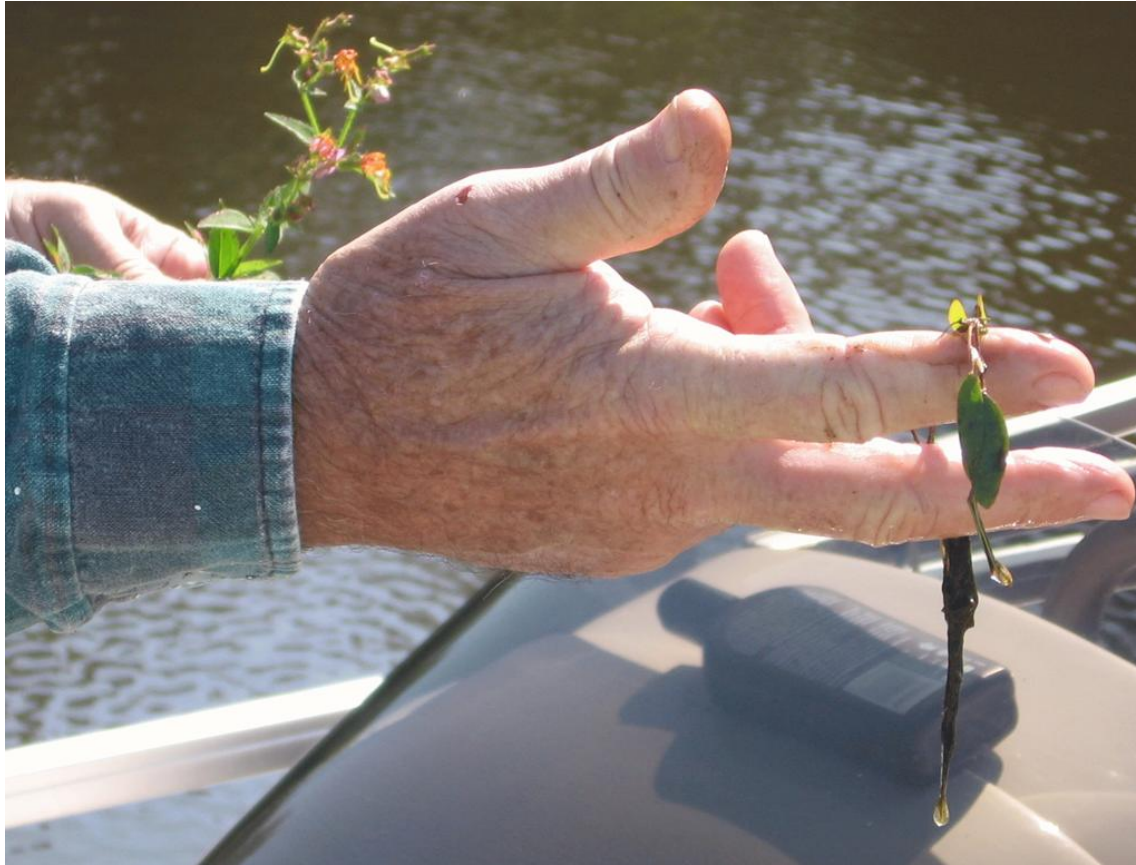
Many waterfowl species eat the shoots.

It provides cover for young bluegills, perch, largemouth bass, and northern pike.

It supports insects that fish and ducklings eat.

It may become a nuisance if it grows too dense because of excess nutrients in the water.

Water thread pondweed (Potamogeton diversifolius)



White Water Lilies (Nymphaea alba)



White Water Lilies (Nymphaea alba)



American Frog-bit (Limnobium spongia)





American Frog-bit
(Limnobium spongia)



Elephant Ears

***(Colocasia
esculenta)***



***Manyflower
Marshpennywort
(Hydrocotyle)***