

West Crystal / Seminole

Aquatic plant data collected on August 12, 2003

Percent area covered with aquatic vegetation (PAC, %)	66.0
Percent of lake's volume filled with vegetation (PVI, %)	25.5
Average emergent plant biomass (kg wet wt/m ²)	8.5
Average floating-leaved plant biomass (kg wet wt/m ²)	1.4
Average submersed plant biomass (kg wet wt/m ²)	6.8
Average width of emergent and floating-leaved zone (ft.)	288.4
Average lake depth (m)	2.6

Frequency that plant species occur in 10 evenly spaced transects around the lake.

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
fragrant water-lily	<i>Nymphaea odorata</i>	100
torpedograss	<i>Panicum repens</i>	100
smartweed	<i>Polygonum hydropiperoides</i>	90
pickerelweed	<i>Pontederia cordata</i>	90
stonewort	<i>Nitella spp.</i>	80
buttonbush	<i>Cephalanthus occidentalis</i>	70
flat-sedge	<i>Cyperus odoratus</i>	70
water-pennywort	<i>Hydrocotyle umbellata</i>	60
rush fuirena	<i>Fuirena scirpoidea</i>	50
red ludwigia	<i>Ludwigia repens</i>	50
cat-tail	<i>Typha spp.</i>	50
lemon bacopa	<i>Bacopa caroliniana</i>	40
jointed flat sedge	<i>Cyperus haspan</i>	40
buttonweed	<i>Diodia virginiana</i>	40
.	<i>Ludwigia spp.</i>	40
climbing hempvine	<i>Mikania scandens</i>	40
wax myrtle	<i>Myrica cerifera</i>	40
banana-lily	<i>Nymphoides aquatica</i>	40
maidencane	<i>Panicum hemitomon</i>	40
red maple	<i>Acer rubrum</i>	30
green algae	<i>Chlorophyta</i>	30
sawgrass	<i>Cladium jamaicense</i>	30
slender spikerush	<i>Eleocharis baldwinii</i>	30
.	<i>Juncus megacephalus</i>	30
southern cutgrass	<i>Leersia hexandra</i>	30
water primrose	<i>Ludwigia octovalvis</i>	30
willow	<i>Salix spp.</i>	30
cone-spur bladderwort	<i>Utricularia gibba</i>	30
para grass	<i>Brachiaria mutica</i>	20

coinwort	<i>Centella asiatica</i>	20
sedge spp.	<i>Cyperus spp.</i>	20
dahoon holly	<i>Ilex cassine</i>	20
<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
red root	<i>Lachnanthes caroliniana</i>	20
baby-tears	<i>Micranthemum umbrosum</i>	20
southern naiad	<i>Najas guadalupensis</i>	20
spatterdock	<i>Nuphar luteum</i>	20
meadow beauty	<i>Rhexia nuttallii</i>	20
salt-bush	<i>Baccharis spp.</i>	10
leconte sedge	<i>Cyperus lecontei</i>	10
flat sedge	<i>Cyperus polystachyos</i>	10
umbrella-grass	<i>Fuirena squarrosa</i>	10
hydrilla	<i>Hydrilla verticillata</i>	10
southern water-grass	<i>Hydrochloa caroliniensis</i>	10
variableleaf pondweed	<i>Potamogeton diversifolius</i>	10
Tracy's beak-rush	<i>Rhynchospora tracyi</i>	10
cypress spp.	<i>Taxodium spp.</i>	10
purple bladderwort	<i>Utricularia purpurea</i>	10
yellow-eyed grass	<i>Xyris spp.</i>	10