

# Big Red Fish / Walton

Aquatic plant data collected on July 26, 2000

Percent area covered with aquatic vegetation (PAC, %)	.
Percent of lake's volume filled with vegetation (PVI, %)	.
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	2.5
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.0
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	1.9
Average width of emergent and floating-leaved zone (ft.)	0.0
Average lake depth (m)	.

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
duck-potato	<i>Sagittaria lancifolia</i>	90
sago pondweed	<i>Potamogeton pectinatus</i>	90
flat-sedge	<i>Cyperus odoratus</i>	80
cordgrass	<i>Spartina bakeri</i>	80
black rush	<i>Juncus roemerianus</i>	60
stonewort	<i>Nitella spp.</i>	60
wax myrtle	<i>Myrica cerifera</i>	50
sawgrass	<i>Cladium jamaicense</i>	30
giant reed	<i>Phragmites australis</i>	30
musk-grass	<i>Chara spp.</i>	30
slender spikerush	<i>Eleocharis baldwinii</i>	20
rush fuirena	<i>Fuirena scirpoidea</i>	20
jointed flat sedge	<i>Cyperus haspan</i>	20
.	<i>Juncus megacephalus</i>	20
sea oats	<i>Uniola paniculata</i>	20
water-pennywort	<i>Hydrocotyle umbellata</i>	10
torpedograss	<i>Panicum repens</i>	10
southern cutgrass	<i>Leersia hexandra</i>	10
bladderwort	<i>Utricularia foliosa</i>	10
leconte sedge	<i>Cyperus lecontei</i>	10
Walter's-millet	<i>Echinochloa walteri</i>	10

# Camp Creek / Walton

Aquatic plant data collected on July 27, 2000

Percent area covered with aquatic vegetation (PAC, %)	.
Percent of lake's volume filled with vegetation (PVI, %)	.
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	3.2
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.7
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	1.2
Average width of emergent and floating-leaved zone (ft.)	82.3
Average lake depth (m)	.

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
black rush	<i>Juncus roemerianus</i>	80
duck-potato	<i>Sagittaria lancifolia</i>	70
fragrant water-lily	<i>Nymphaea odorata</i>	70
torpedograss	<i>Panicum repens</i>	60
rush fuirena	<i>Fuirena scirpoidea</i>	60
sawgrass	<i>Cladium jamaicense</i>	50
slender spikerush	<i>Eleocharis baldwinii</i>	40
cone-spur bladderwort	<i>Utricularia gibba</i>	40
water-pennywort	<i>Hydrocotyle umbellata</i>	30
widgeon grass	<i>Ruppia maritima</i>	30
salt-bush	<i>Baccharis spp.</i>	30
wax myrtle	<i>Myrica cerifera</i>	30
tapegrass	<i>Vallisneria americana</i>	20
leconte sedge	<i>Cyperus lecontei</i>	20
big rose mallow	<i>Hibiscus grandiflorus</i>	20
salt marsh fringe rush	<i>Fimbristylis castanea</i>	20
red ludwigia	<i>Ludwigia repens</i>	10
bacopa	<i>Bacopa monnieri</i>	10
bog-moss	<i>Mayaca fluviatilis</i>	10
hatpin	<i>Eriocaulon decangulare</i>	10
club-rush	<i>Eleocharis cellulosa</i>	10
.	<i>Juncus megacephalus</i>	10
saltmarsh false-foxglove	<i>Agalirus maritima</i>	10
switch grass	<i>Panicum virgatum</i>	10
sea oats	<i>Uniola paniculata</i>	10
Florida reimar grass	<i>Reimarochloa oligostachya</i>	10

# Deer / Walton

Aquatic plant data collected on July 27, 2000

Percent area covered with aquatic vegetation (PAC, %)	.
Percent of lake's volume filled with vegetation (PVI, %)	.
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	2.2
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.8
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.7
Average width of emergent and floating-leaved zone (ft.)	23.9
Average lake depth (m)	.

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
duck-potato	<i>Sagittaria lancifolia</i>	90
fragrant water-lily	<i>Nymphaea odorata</i>	90
torpedograss	<i>Panicum repens</i>	90
sawgrass	<i>Cladium jamaicense</i>	60
slender spikerush	<i>Eleocharis baldwinii</i>	50
wax myrtle	<i>Myrica cerifera</i>	40
black rush	<i>Juncus roemerianus</i>	40
rush fuirena	<i>Fuirena scirpoidea</i>	40
willow	<i>Salix spp.</i>	20
stonewort	<i>Nitella spp.</i>	20
St. Johns wort	<i>Hypericum spp.</i>	20
red root	<i>Lachnanthes caroliniana</i>	20
bacopa	<i>Bacopa monnieri</i>	10
water-pennywort	<i>Hydrocotyle umbellata</i>	10
variable-leaf milfoil	<i>Myriophyllum heterophyllum</i>	10
salt-bush	<i>Baccharis spp.</i>	10
buttonbush	<i>Cephalanthus occidentalis</i>	10
maidencane	<i>Panicum hemitomon</i>	10
Florida bladderwort	<i>Utricularia floridana</i>	10
hatpin	<i>Eriocaulon decangulare</i>	10
.	<i>Juncus megacephalus</i>	10

# Eastern / Walton

Aquatic plant data collected on July 28, 2000

Percent area covered with aquatic vegetation (PAC, %)	.
Percent of lake's volume filled with vegetation (PVI, %)	.
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	2.0
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.0
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.4
Average width of emergent and floating-leaved zone (ft.)	6.8
Average lake depth (m)	.

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
black rush	<i>Juncus roemerianus</i>	100
widgeon grass	<i>Ruppia maritima</i>	90
cordgrass	<i>Spartina bakeri</i>	80
salt-bush	<i>Baccharis spp.</i>	70
wax myrtle	<i>Myrica cerifera</i>	50
water-pennywort	<i>Hydrocotyle umbellata</i>	40
big rose mallow	<i>Hibiscus grandiflorus</i>	30
duck-potato	<i>Sagittaria lancifolia</i>	20
torpedograss	<i>Panicum repens</i>	20
giant reed	<i>Phragmites australis</i>	20
green algae	<i>Chlorophyta</i>	20
tapegrass	<i>Vallisneria americana</i>	10
giant bulrush	<i>Scirpus californicus</i>	10
rush fuirena	<i>Fuirena scirpoidea</i>	10
salt marsh fringe rush	<i>Fimbristylis castanea</i>	10

# Grayton / Walton

Aquatic plant data collected on July 27, 2001

Percent area covered with aquatic vegetation (PAC, %)	0.0
Percent of lake's volume filled with vegetation (PVI, %)	0.0
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	4.1
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.0E+01
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.0
Average width of emergent and floating-leaved zone (ft.)	48.2
Average lake depth (m)	1.8

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
black rush	<i>Juncus roemerianus</i>	100
giant reed	<i>Phragmites australis</i>	60
torpedograss	<i>Panicum repens</i>	50
sawgrass	<i>Cladium jamaicense</i>	40
saltwort	<i>Batis maritima</i>	40
big rose mallow	<i>Hibiscus grandiflorus</i>	30
fing-rush	<i>Fimbristylis glaucescens</i>	30
duck-potato	<i>Sagittaria lancifolia</i>	20
wax myrtle	<i>Myrica cerifera</i>	20
annual spikrush	<i>Eleocharis geniculata</i>	20
fragrant water-lily	<i>Nymphaea odorata</i>	10
water-pennywort	<i>Hydrocotyle umbellata</i>	10
willow	<i>Salix spp.</i>	10
giant bulrush	<i>Scirpus californicus</i>	10
grass family	<i>Gramineae</i>	10

# Western / Walton

Aquatic plant data collected on July 26, 2001

Percent area covered with aquatic vegetation (PAC, %)	0.0
Percent of lake's volume filled with vegetation (PVI, %)	0.0
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	2.9
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.0E+01
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.2
Average width of emergent and floating-leaved zone (ft.)	14.9
Average lake depth (m)	2.7

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
duck-potato	<i>Sagittaria lancifolia</i>	90
black rush	<i>Juncus roemerianus</i>	90
grass family	<i>Gramineae</i>	70
sawgrass	<i>Cladium jamaicense</i>	50
tapegrass	<i>Vallisneria americana</i>	30
fing-rush	<i>Fimbristylis glausescens</i>	30
cat-tail	<i>Typha spp.</i>	20
torpedogras	<i>Panicum repens</i>	20
club-rush	<i>Eleocharis cellulosa</i>	20
annual spikrush	<i>Eleocharis geniculata</i>	20
big rose mallow	<i>Hibiscus grandiflorus</i>	20
fragrant water-lily	<i>Nymphaea odorata</i>	10
water-pennywort	<i>Hydrocotyle umbellata</i>	10
buttonbush	<i>Cephalanthus occidentalis</i>	10
giant reed	<i>Phragmites australis</i>	10
musk-grass	<i>Chara spp.</i>	10

# Western Northeast / Walton

Aquatic plant data collected on July 27, 2001

Percent area covered with aquatic vegetation (PAC, %)	36.0
Percent of lake's volume filled with vegetation (PVI, %)	3.0
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	3.8
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	1.1
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.9
Average width of emergent and floating-leaved zone (ft.)	38.5
Average lake depth (m)	1.8

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
duck-potato	<i>Sagittaria lancifolia</i>	90
black rush	<i>Juncus roemerianus</i>	80
fragrant water-lily	<i>Nymphaea odorata</i>	70
tapegrass	<i>Vallisneria americana</i>	70
sawgrass	<i>Cladium jamaicense</i>	70
big rose mallow	<i>Hibiscus grandiflorus</i>	50
cat-tail	<i>Typha spp.</i>	40
wax myrtle	<i>Myrica cerifera</i>	40
grass family	<i>Gramineae</i>	30
club-rush	<i>Eleocharis cellulosa</i>	30
slender spikerush	<i>Eleocharis baldwinii</i>	20
salt-bush	<i>Baccharis spp.</i>	20
giant bulrush	<i>Scirpus californicus</i>	20
stonewort	<i>Nitella spp.</i>	20
annual spikerush	<i>Eleocharis geniculata</i>	20
musk-grass	<i>Chara spp.</i>	10
rush fuirena	<i>Fuirena scirpoidea</i>	10
sweetbay	<i>Magnolia virginiana</i>	10
fing-rush	<i>Fimbristylis glaucescens</i>	10

# Eastern / Walton

Aquatic plant data collected on May 22, 2007

Percent area covered with aquatic vegetation (PAC, %)	41.0
Percent of lake's volume filled with vegetation (PVI, %)	14.0
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	2.9
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	1.8
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	2.9
Average width of emergent and floating-leaved zone (ft.)	19.8
Average lake depth (m)	1.58

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
black rush	<i>Juncus roemerianus</i>	100
widgeon grass	<i>Ruppia maritima</i>	100
smooth cord grass	<i>Spartina alterniflora</i>	80
sawgrass	<i>Cladium jamaicense</i>	50
torpedograss	<i>Panicum repens</i>	30
duck-potato	<i>Sagittaria lancifolia</i>	30
salt-bush	<i>Baccharis spp.</i>	20
rush fuirena	<i>Fuirena scirpoidea</i>	20
water-pennywort	<i>Hydrocotyle umbellata</i>	20
wax myrtle	<i>Myrica cerifera</i>	20
giant reed	<i>Phragmites australis</i>	20
giant bulrush	<i>Scirpus californicus</i>	20
bacopa	<i>Bacopa monnieri</i>	10
jointed flat sedge	<i>Cyperus haspan</i>	10
soft rush	<i>Juncus effusus</i>	10
burhead sedge	<i>Scirpus cubensis</i>	10



# Oyster / Walton

Aquatic plant data collected on May 22, 2007

Percent area covered with aquatic vegetation (PAC, %)	13.0
Percent of lake's volume filled with vegetation (PVI, %)	2.2
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	18.7
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.7
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.0
Average width of emergent and floating-leaved zone (ft.)	110.0
Average lake depth (m)	1.43

Frequency that plant species occur in 6 evenly spaced transects around the lake.

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
torpedograss	<i>Panicum repens</i>	100
alligator-weed	<i>Alternanthera philoxeroides</i>	83
sawgrass	<i>Cladium jamaicense</i>	83
black rush	<i>Juncus roemerianus</i>	83
cat-tail	<i>Typha spp.</i>	83
green algae	<i>Chlorophyta</i>	67
water-pennywort	<i>Hydrocotyle umbellata</i>	50
fragrant water-lily	<i>Nymphaea odorata</i>	50
smooth cord grass	<i>Spartina alterniflora</i>	50
duck-potato	<i>Sagittaria lancifolia</i>	33
soft stem bulrush	<i>Scirpus validus</i>	33
milkweed	<i>Asclepias spp.</i>	17
rush fuirena	<i>Fuirena scirpoidea</i>	17
common duckweed	<i>Lemna minor</i>	17
wax myrtle	<i>Myrica cerifera</i>	17
mock bishop's weed	<i>Ptilimnium capillaceum</i>	17
giant bulrush	<i>Scirpus californicus</i>	17
zigzag bladderwort	<i>Utricularia subulata</i>	17

# Powell / Bay

Aquatic plant data collected on November 16, 2006

Percent area covered with aquatic vegetation (PAC, %)	6.0
Percent of lake's volume filled with vegetation (PVI, %)	0.6
Average emergent plant biomass (kg wet wt/m <sup>2</sup> )	3.8
Average floating-leaved plant biomass (kg wet wt/m <sup>2</sup> )	0.0
Average submersed plant biomass (kg wet wt/m <sup>2</sup> )	0.1
Average width of emergent and floating-leaved zone (ft.)	22.8
Average lake depth (m)	2.8

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

<u>Common Name</u>	<u>Plant Species</u>	<u>Frequency (%)</u>
black rush	<i>Juncus roemerianus</i>	100
salt-bush	<i>Baccharis spp.</i>	60
wax myrtle	<i>Myrica cerifera</i>	50
widgeon grass	<i>Ruppia maritima</i>	50
salt marsh fringe rush	<i>Fimbristylis castanea</i>	40
switch grass	<i>Panicum virgatum</i>	40
smooth cord grass	<i>Spartina alterniflora</i>	30
sawgrass	<i>Cladium jamaicense</i>	20
leconte sedge	<i>Cyperus lecontei</i>	20
giant reed	<i>Phragmites australis</i>	20
sea oats	<i>Uniola paniculata</i>	20
coinwort	<i>Centella asiatica</i>	10
Walter's-millet	<i>Echinochloa walteri</i>	10
rush fuirena	<i>Fuirena scirpoidea</i>	10
water-pennywort	<i>Hydrocotyle umbellata</i>	10
torpedograss	<i>Panicum repens</i>	10
duck-potato	<i>Sagittaria lancifolia</i>	10
soft stem bulrush	<i>Scirpus validus</i>	10
sea purslane	<i>Sesuvium spp.</i>	10
cat-tail	<i>Typha spp.</i>	10