

LVI

Site Name Alligator Lake Sample Date 05/15/19
WBID 3176 WIN ID G4CE0170 RQ 2019-05-13-39

	Initial/Date	QC Initial/Date
Water chemistry data to LIMS	KWM JUN 11 2019	LB 06/11/19
Create SBIO station visit	LB 06/11/19	n/a
Vascular Entry (add LIMS ID)	LB 06/11/19	KWM JUN 13 2019
Lake Observation Sheet Entry	LB 06/11/19	KWM JUN 13 2019
Authorize SBIO data	KWM 6/14/19	n/a
Scan all sheets to 21FLCEN folder	KWM 6/28/19	n/a
LIMS/WIN migration	LMD 8/23/19	n/a
File in cabinet		n/a

Comments/notes: SBIO VISIT ID: 79798
LIMS: 2086904
MACROPHYTE ID: 11369



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Alligator Lake @ Center of south lobe

Date: 05/15/2019

WIN/ Field ID: G4CE0170

WBID: 3176

Latitude: 28.19814639

(mm/dd/yyyy)

County: Osceola

ORG ID: 21FLCEN

Longitude: -81.22328102

(Decimal Degrees)

Receiving Body of Water:

RQ-2019- 05-13-39

(Decimal Degrees)

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
									☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☐ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with Secchi Disk Line / Meter			
									Equipment ID Leadfoot, Knothead, Crusty/ Bucket, Mucky/ Trap			
									Collection Method			
									☐ Wading	☐ Canoe/Kayak		
									☐ From Shore	☐ Electric Motor		
									☐ Other	☒ Gasoline Motor		
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded				Motor ID# SHRIMP TRAP				Matrix: Fresh/ Marine/ DI				
Photos: Yes / No				Flow: No Flow / Intestinal / Flowing / NA				Tide: Rising/ Falling/ Slack/ NA				
Tide Times: High Low												
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)		
EST	12:00	2.6	0.3	0.9	7.84	97.4	6.58	0.07	149.8	26.8		
GEN			2.1		7.48	92.8	6.54	0.07	150.4	26.4		
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:												
SBIO ID Numbers: SBIO-ID: 79798 HA-ID: RPS-ID: Macrophyte-ID: 11369 LIMS#: 2086904												
Parameter Suite		Parameter Methods			Preservation		Lot#		Expiration		pH Check	
Preserved Nutrients		☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP			☒ Ice ☒ H2SO4						☒ <2	
Metals		☐ W-ICPMS ☐ W-ICP			☐ Ice ☐ HNO3						☐ <2	
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter			☒ Ice		13615055					
Chlorophyll		☒ CHLSUITE-W			☒ Ice							
Physical/Aggregate (Fresh)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS			☒ Ice							
Physical/Aggregate (Marine)		☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY			☐ Ice							
Macroinvertebrates		☐ MI-FW-QLDC			☐ Formalin							
Periphyton		☐ ALGAE-ID			☐ Ice							
Microbiology		☐ E Coli ☐ F Coli ☐ Enterococci			☐ Ice							
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD			☐ Ice							
Tracers		☐ W-E8321-DI ☐ W-E8321-MS			☐ Ice							
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA			☐ Ice							
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C			☐ Other							

Notes:

Signature: *[Signature]*

Date: 05/15/19

WIN ID / Field ID →

Alligator Lake @ Center of south lobe



G4CE0170

LIMS EVENT ID: CENT-DIST-2019-05-14-02

Enter Field Parameters, Verify Station ID In UMS DMT: KWM JUN 11 2019

QC Station ID, Field Parameters In UMS DMT: LB 06/11/19

Scan/Save Field Sheets KWM 6/28/19

Migrate Data to WIN: (Initials/Date)

LMD 8/23/19

Verify Data In WIN:

(Initials/Date)

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: _____ MACROPHYTE ID: 11369 LATITUDE: 28-19814639
 COUNTY: OSCEOLA STORET #: _____ LONGITUDE: -81-22328102
 DATE: 05/15/2019 TIME: _____ SAMPLING AGENCY: FDER-CORAC
 SITE NAME: Alligator Lake @ center of south lake WBID: 3176
 FIELD ID/NAME: _____ LAKE SIZE: _____ RQ: 2019-05-13-39

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category - from GIS) :								LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)													
Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)	LDI: _____													
<u>40</u>		<u>10</u>	<u>10</u>	<u>40</u>				Land Use Source & Year: _____													
Local Watershed Erosion (select one) : ☒ None ☐ Slight ☐ Moderate ☐ Heavy								Artificially Impounded ☐ Yes ☒ No													
Local Watershed NPS Pollution : ☒ No evidence ☐ Slight ☐ Moderate ☐ Heavy																					
STORMWATER INPUTS		Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation			Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place			Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place			Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place										
<u>6 10 (LB)</u>		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
LAKESIDE ALTERATIONS		Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected)			Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected)			Many structures, roads or other human disturbance visible (50%-70% lakeside affected)			Highly developed or disturbed (>70% of lakeside affected)										
<u>7 14 (LB)</u>		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
BUFFER ZONE		Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer			89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer			50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer			< 29% of shoreline with >18m buffer										
<u>10</u>		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

Water: Nutrient Sample Taken? ☒ Yes ☐ No Preserved? ☒ Yes ☐ No pH<2 ☐ No Color Sample Taken? ☒ Yes ☐ No Lot # <u>SA9010020</u> Exp. Date: <u>4/10/20</u> Alkalinity Sample Taken? ☒ Yes ☐ No Water Level ☐ Low ☒ Normal ☐ High						Water Odors: ☒ Normal ☐ Sewage ☐ Petroleum ☐ Other _____					
Meter Readings: Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat. (%) Cond. (UMHO/CM) Salinity (PPT) Top: <u>0.3</u> <u>26.8</u> <u>6.58</u> <u>7.84</u> <u>97.4</u> <u>149.8</u> <u>0.07</u> Mid-Depth: _____ Bottom: <u>2.1</u> <u>26.4</u> <u>6.54</u> <u>7.48</u> <u>92.8</u> <u>150.4</u> <u>0.07</u>						Water Surface Oils: ☒ None ☐ Sheen/Slick ☐ Glob ☐ Other _____					
Meter ID: <u>SHRIMP TRAP</u>						Clarity: ☐ Clear ☐ Opaque ☐ Turbid ☒ Slightly Turbid Color: ☐ Clear ☒ Tannic ☐ Green					
Sediment Type: (may check more than one) ☐ Sandy ☐ Organic fibrous (peaty, CPOM) ☐ Vegetated ☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify): _____						SECCHI (M) <u>0.9</u> Total Station Depth (M) <u>2.6</u> VOB ☐					
Biological Communities: LVI Conducted? ☒ Yes ☐ No Phytoplankton Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot #: _____ Exp Date: _____ Algal Bloom/Algal ID Sample Taken? Yes ☒ No Active Vegetation Mgmt? ☐ Yes ☐ No ☒ Don't Know						Sediment Odors: ☒ Normal ☐ Anaerobic ☐ Other (Specify): _____					
Abundance: Absent Rare Common Abundant Periphyton ☐ ☒ ☐ ☐ Nuisance Plants ☐ ☐ ☒ ☐ Submersed Plants ☐ ☐ ☒ ☐ Exotic Apple Snails ☐ ☒ ☐ ☐						Additional Notes:					

Weather Conditions: Sunny w/ light cloud cover

SAMPLING TEAM: Nia Wellendorf, Leif Boman, Jordan Skaggs, Matt Sewell SIGNATURE: [Signature] DATE: 05/15/2019

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: <u>Alligator Lake</u>		County: <u>Osceola</u>		Date: <u>5/15/2019</u>			
Analyst: <u>L. Boman, Nic Weibendorf, J. Skaggs</u>		Signature: <u>Ken Gu</u>		STORET:			
Except where noted as "sp." species level identification required. *Genera that may require lab verification* Plants in bold = FLEPPC invasive exotic. <u>Matt. Sewell</u>				Lake units sampled (circle one group): 1, 4, 7, 10 <u>2, 5, 8, 11</u> 3, 6, 9, 12			
It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.							
SPECIES	2	11	Collected? (✓)	SPECIES	2	11	Collected? (✓)
Acer rubrum	/	/		Fraxinus			
Alternanthera philoxeroides				Fuirena scirpoides	/	/	
Amaranthus australis				Gordonia lasianthus	/		
Andropogon sp.		/		Habenaria repens			
Azolla filiculoides (A. caroliniana)				Hibiscus coccineus			
Baccharis sp.				Hibiscus grandiflora	/	/	
Bacopa caroliniana				Hydrilla verticillata	/	/	
Bacopa monnieri		<u>FLS</u>		Hydrocotyle sp.	/	/	
Bidens alba				Hygrophila polysperma			
Bidens laevis				Hymenocallis sp.			
Bidens mitis				*Hypericum fasciculatum			
Blechnum serrulatum				*Hypericum hypericoides			
Boehmeria cylindrica				*Hypericum myrtifolium			
Brasenia schreberi				Ilex cassine			
Cabomba caroliniana				Ipomoea aquatica			
Canna				Ipomoea sagittata			
Centella asiatica				Itea virginica			
Cephalanthus occidentalis	/	/		Juncus effusus			
Ceratophyllum demersum				*Juncus marginatus			
Chara sp.				*Juncus megacephalus			
Cicuta maculata				Juncus repens			
Cinnamomum camphora	/	/		*Juncus scirpoides			
Cladium jamaicense	/	/		Lachnanthes caroliniana			
Colocasia esculenta				Leersia hexandra			
*Commelina				Landoltia punctata (Spirodela punctata)			
Crinum americanum				Lemna sp.			
* Cyperus alternifolius (C. involucratus)	/	/		Leucothoe racemosa (Eubotrys racemosa)			
Cyperus articulatus				Limnobium spongia			
Cyperus haspan				Limnophila sessiliflora			
*Cyperus lecontei				Liquidambar styraciflua			
*Cyperus polystachyos				*Ludwigia arcuata		/	
*Cyperus odoratus				*Ludwigia grandiflora	<u>Ym</u>	/	
*Cyperus surinamensis				*Ludwigia hexapetala		/	
Cyrtilla racemiflora				*Ludwigia leptocarpa			
Decodon verticillatus				Ludwigia (native)			
Diodia virginiana				*Ludwigia octovalvis			
*Echinochloa crus-galli				* Ludwigia peruviana	/	/	
*Echinochloa muricatum				*Ludwigia repens			
Echinochloa walteri				Ludwigia suffruticosa			
Eclipta prostrata (E. alba)				Luziola fluitans (Hydrochloa carolinensis)	/		
Eichhornia crassipes				Magnolia virginiana	/	/	
*Eleocharis				Mayaca fluviatilis	/	/	
Eleocharis cellulosa				Melaleuca quinquenervia	/	/	
*Eleocharis elongata				Micranthemum glomeratum			
Eleocharis equisetoides				Micranthemum umbrosum			
Eleocharis interstincta				Mikania scandens			
Eleocharis submersed viviparous	/	/		Mimosa pigra	/	/	
*Eriocaulon compressum				Myrica cerifera	/	/	
*Eriocaulon decangulare							
Eupatorium capillifolium	/						

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Site: <u>Alligator Lake</u>					Date: <u>5/15/19</u>				
SPECIES	2		11	Collected? (✓)	SPECIES	2		11	Collected? (✓)
Myriophyllum aquaticum					<i>Salix caroliniana</i>	/		/	
* <i>Myriophyllum heterophyllum</i>					Salvinia minima			/	
* <i>Myriophyllum laxum</i>					<i>Sambucus canadensis</i>				
* <i>Myriophyllum pinnatum</i>					Sapium sebiferum				
Myriophyllum spicatum					<i>Saururus cernuus</i>				
* <i>Najas filifolia</i>					Schinus terebinthifolius				
* <i>Najas guadalupensis</i>			/		* <i>Schoenoplectus californicus</i>	/		/	
* <i>Najas minor</i>					* <i>Schoenoplectus pungens</i>				
<i>Nelumbo lutea</i>					* <i>Schoenoplectus tabernaemontani</i> (<i>Scirpus validus</i>)				
<i>Nitella</i> spp.			/		<i>Scirpus cubensis</i> (<i>Oxycaryon cubense</i>)	/			
<i>Nuphar</i> sp.	/		/		<i>Scirpus cyperinus</i>				
<i>Nymphaea mexicana</i>					* <i>Sesbania</i>				
<i>Nymphaea odorata</i>	/		/		<i>Solidago</i> sp.				
<i>Nymphoides aquatica</i>	/		/		<i>Sparganium americanum</i>				
<i>Nyssa sylvatica</i> var. <i>biflora</i>					<i>Spartina bakeri</i>	/		/	
<i>Orontium aquaticum</i>					<i>Spirodela polyrhiza</i>				
<i>Osmunda cinnamomea</i>					<i>Taxodium</i> sp.	/		/	
<i>Osmunda regalis</i>					<i>Thalia geniculata</i>				
<i>Panicum hemitomon</i>	C		D		<i>Thelypteris interrupta</i>				
<i>Panicum repens</i>	C				<i>Thelypteris palustris</i>				
<i>Paspalidium geminatum</i>			/		<i>Triadenum virginicum</i>				
* <i>Paspalum repens</i>					<i>Typha</i> sp.	/		/	
<i>Paspalum urvillei</i>					<i>Urochloa mutica</i> (<i>Brachiaria mutica</i>)				
<i>Peltandra</i> sp.					* <i>Utricularia gibba</i> (<i>U. biflora</i>)			/	
<i>Persea</i> sp.					* <i>Utricularia foliosa</i>			/	
<i>Pennisetum purpureum</i>					* <i>Utricularia inflata</i>				
<i>Phragmites australis</i>					* <i>Utricularia purpurea</i>				
<i>Pinus elliotii</i>					* <i>Utricularia radiata</i>				
<i>Pistia stratioides</i>					* <i>Utricularia resupinata</i>				
<i>Pluchea</i> sp.					<i>Vallisneria americana</i>				
* <i>Polygonum glabrum</i> (<i>densiflorum</i>)					<i>Vitis</i> sp.				
<i>Polygonum hirsutum</i>					* <i>Websteria confervoides</i>				
* <i>Polygonum hydropiperoides</i>					<i>Wedelia trilobata</i> (<i>Sphagnetocola trilobata</i>)				
* <i>Polygonum punctatum</i>					<i>Wolffiella</i> spp.				
* <i>Polygonum</i>					<i>Woodwardia virginica</i>				
<i>Pontederia cordata</i>	/		/		<i>Xyris</i> sp.				
* <i>Potamogeton diversifolius</i>					<i>Zizania aquatica</i>				
* <i>Potamogeton illinoensis</i>					<i>Zizaniopsis milacea</i>				
* <i>Potamogeton pusillus</i>									
* <i>Potamogeton pectinatus</i> (<i>Stuckenia pectinatus</i>)									
<i>Proserpinaca pectinata</i>									
* <i>Rhexia</i>									
* <i>Rhynchospora corniculata</i>									
* <i>Rhynchospora inundata</i>									
<i>Rhynchospora nitens</i>									
<i>Ricciocarpus natans</i>									
<i>Sabal palmetto</i>									
<i>Sacciolepis striata</i>									
* <i>Sagittaria filiformis</i>			/						
* <i>Sagittaria graminea</i>									
* <i>Sagittaria isoetiformis</i>									
<i>Sagittaria lancifolia</i>	/		/						
<i>Sagittaria latifolia</i>									

Sections 548 completed by
other team.

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: <u>Allegator Lake</u>		County: <u>Osceola</u>		Date: <u>5/15/2013</u>			
Analyst: <u>Katie M. Katina Warren, Alexander</u>		Signature: <u>[Signature]</u>		STORET:			
Except where noted as "sp." species level identification required. *Genera that may require lab verification* Plants in bold = FLEPPC invasive exotic. <u>miranda</u>				Lake units sampled (circle one group): 1, 4, 7, 10 2, 5, 8, 11 3, 6, 9, 12			
It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.							
SPECIES	5	8	Collected? (✓)	SPECIES	5	8	Collected? (✓)
Acer rubrum	/	/		Fraxinus			
Alternanthera philoxeroides				Fuirena scirpoides	/	/	
Amaranthus australis				Gordonia lasianthus			
Andropogon sp.				Habenaria repens			
Azolla filiculoides (A. caroliniana)				Hibiscus coccineus			
Baccharis sp.	/			Hibiscus grandiflora	/	/	
Bacopa caroliniana				Hydrilla verticillata			
Bacopa monnieri				Hydrocotyle sp.	/		
Bidens alba				Hygrophila polysperma			
Bidens laevis				Hymenocallis sp.			
Bidens mitis				*Hypericum fasciculatum			
Blechnum serrulatum	/			*Hypericum hypericoides			
Boehmeria cylindrica				*Hypericum myrtifolium			
Brasenia schreberi				Ilex cassine			
Cabomba caroliniana				Ipomoea aquatica			
Canna				Ipomoea sagittata			
Centella asiatica				Itea virginica			
Cephalanthus occidentalis	/			Juncus effusus			
Ceratophyllum demersum				*Juncus marginatus			
Chara sp.				*Juncus megacephalus			
Cicuta maculata				Juncus repens			
Cinnamomum camphora				*Juncus scirpoides			
Cladium jamaicense				Lachnanthes caroliniana			
Colocasia esculenta				Leersia hexandra			
*Commelina				Landoltia punctata (Spirodela punctata)			
Crinum americanum				Lemna sp.			
*Cyperus alternifolius (C. involucratus)				Leucothoe racemosa (Eubotrys racemosa)			
Cyperus articulatus				Limnium spongia			
Cyperus haspan				Limnophila sessiliflora			
*Cyperus lecontei				Liquidambar styraciflua			
*Cyperus polystachyos				*Ludwigia arcuata			
*Cyperus odoratus				*Ludwigia grandiflora	/	/	
*Cyperus surinamensis				*Ludwigia hexapetala			
Cyrilla racemiflora				*Ludwigia leptocarpa		/	
Decodon verticillatus				Ludwigia (native)		/	
Diodia virginiana				*Ludwigia octovalvis			
*Echinochloa crus-galli				*Ludwigia peruviana	/		
*Echinochloa muricatum				*Ludwigia repens			
Echinochloa walteri				Ludwigia suffruticosa			
Eclipta prostrata (E. alba)				Luziola fluitans (Hydrochloa carolinensis)			
Eichhornia crassipes				Magnolia virginiana	/	/	
*Eleocharis				Mayaca fluviatilis	/	/	
Eleocharis cellulosa				Melaleuca quinquenervia	/	/	
*Eleocharis elongata	/	/		Micranthemum glomeratum			
Eleocharis equisetoides				Micranthemum umbrosum			
Eleocharis interstincta	/			Mikania scandens	/		
Eleocharis submersed viviparous				Mimosa pigra			
*Eriocaulon compressum				Myrica cerifera	/	/	
*Eriocaulon decangulare							
Eupatorium capillifolium	/						

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Site: <u>Aligator Lake</u>				Date: <u>5/15/2019</u>			
SPECIES	5	8	Collected? (✓)	SPECIES	5	8	Collected? (✓)
Myriophyllum aquaticum				Salix caroliniana		1	
*Myriophyllum heterophyllum	1		✓	Salvinia minima		1	
*Myriophyllum laxum				Sambucus canadensis	1		
*Myriophyllum pinnatum				Sapium sebiferum			
Myriophyllum spicatum				Saururus cernuus			
*Najas filifolia				Schinus terebinthifolius	1	1	
*Najas guadalupensis	1	1		*Schoenoplectus californicus	1		✓
*Najas minor				*Schoenoplectus pungens			
Nelumbo lutea				*Schoenoplectus tabernaemontani (Scirpus validus)			
Nitella spp.				Scirpus cubensis (Oxycaryon cubense)			
Nuphar sp.	1	1		Scirpus cyperinus			
Nymphaea mexicana				*Sesbania			
Nymphaea odorata	1	1		Solidago sp.			
Nymphoides aquatica	1			Sparganium americanum			
Nyssa sylvatica var. biflora				Spartina bakeri	1	1	
Orontium aquaticum				Spirodela polyrhiza			
Osmunda cinnamomea				Taxodium sp.	1	1	
Osmunda regalis	1			Thalia geniculata			
Panicum hemitomon	1	1		Thelypteris interrupta			
Panicum repens	1	1		Thelypteris palustris			
Paspalidium geminatum				Triadenum virginicum			
*Paspalum repens				Typha sp.	1	1	
Paspalum urvillei				Urochloa mutica (Brachiaria mutica)			
Peltandra sp.				*Utricularia gibba (U. biflora)		1	
Persea sp.				*Utricularia foliosa		1	
Pennisetum purpureum				*Utricularia inflata			
Phragmites australis				*Utricularia purpurea	1	1	
Pinus elliotii				*Utricularia radiata			
Pistia stratioides				*Utricularia resupinata			
Pluchea sp.				Vallisneria americana			
*Polygonum glabrum (densiflorum)				Vitis sp.			
Polygonum hirsutum				*Websteria confervoides			
*Polygonum hydropiperoides				Wedelia trilobata (Sphagneticola trilobata)			
*Polygonum punctatum				Wolffiella spp.			
*Polygonum				Woodwardia virginica			
Pontederia cordata	1	1		Xyris sp.			
*Potamogeton diversifolius				Zizania aquatica			
*Potamogeton illinoensis				Zizaniopsis milacea			
*Potamogeton pusillus							
*Potamogeton pectinatus (Stuckenia pectinatus)							
Proserpinaca pectinata							
*Rhexia							
*Rhynchospora corniculata							
*Rhynchospora inundata							
Rhynchospora nitens							
Ricciocarpus natans							
Sabal palmetto							
Sacciolepis striata							
*Sagittaria filiformis							
*Sagittaria graminea							
*Sagittaria isoetiformis							
Sagittaria lancifolia	1	1					
Sagittaria latifolia							

Alligator Lake 3176
LVI Map
5/7/2018

