

Appendix B

First Annual Monitoring Vegetation Data (Hydric Pines and Enhanced Native Areas)

Hydric Pine Herbaceous Vegetation

Hydric Pine I Transect 1, 1/19/2006		
Water Depth 0.5"		Personnel: MF
Scientific Name	Common Name	Percent Cover
Bare ground		14
<i>Amphicarpum muhlenbergianum</i>	Little blue maidencane	2
<i>Andropogon glomeratus</i>	Bushy bluestem	3
<i>Andropogon virginicus</i>	Broom grass	1
<i>Aster</i> sp.	Aster	3
<i>Bacopa</i> sp.	Water-hyssop	2
<i>Centella asiatica</i>	Asian coinwort	2
<i>Commelina diffusa</i>	Dayflower	3
<i>Cynodon dactylon</i> *	Bermuda grass	12
<i>Cyperus haspan</i>	Jointed flatsedge	5
<i>Cyperus surinamensis</i>	Flatsedge	6
<i>Diodia virginiana</i>	Common persimmon	2
<i>Echinochloa crusgalli</i>	Barnyard grass	2
<i>Eleocharis baldwinii</i>	Hairgrass	8
<i>Eupatorium capillifolium</i>	Dog fennel	1
<i>Hydrocotyle umbellata</i>	Marsh pennywort	9
<i>Juncus effusus</i>	Soft rush	3
<i>Juncus repens</i>	Creeping rush	3
<i>Ludwigia virgata</i>	Savanna seedbox	3
<i>Phyla nodiflora</i>	Frog-fruit	1
<i>Pluchea</i> sp.	Fleabane	4
<i>Polygonum</i> sp.	Smartweed	1
<i>Proserpinaca</i> sp.	Mermaid-weed	1
<i>Rhynchospora</i> sp.	Beakrush	3
<i>Sacciolepis striata</i>	American cupscale	2
<i>Salix caroliniana</i>	Carolina willow	1
<i>Setaria geniculata</i>	Knotroof bristlegrass	1
<i>Tripsacum dactyloides</i>	Fakahatchee grass	1
<i>Typha</i> sp.*	Cattail	1
Total vegetated		86
Percent nuisance/exotic		13

Hydric Pine I Transect 2, 1/19/2006		
Water Depth 0.5"		Personnel: MF
Scientific Name	Common Name	Percent Cover
Bare ground		24
<i>Amphicarpum muhlenbergianum</i>	Little blue maidencane	1
<i>Andropogon glomeratus</i>	Bushy bluestem	1
<i>Andropogon virginicus</i>	Broom grass	3
<i>Centella asiatica</i>	Asian coinwort	1
<i>Commelina diffusa</i>	Dayflower	2
<i>Cynodon dactylon</i> *	Bermuda grass	6
<i>Cyperus haspan</i>	Jointed flatsedge	4
<i>Cyperus</i> sp.	Flatsedge	1
<i>Cyperus surinamensis</i>	Flatsedge	3
<i>Echinochloa crusgalli</i>	Barnyard grass	2
<i>Eleocharis baldwinii</i>	Hairgrass	12
<i>Eupatorium capillifolium</i>	Dog fennel	1
<i>Hydrocotyle umbellata</i>	Marsh pennywort	19
<i>Juncus effusus</i>	Soft rush	3
<i>Juncus repens</i>	Creeping rush	2
<i>Ludwigia virgata</i>	Savanna seedbox	3
<i>Pinus elliotii</i>	Slash pine	1
<i>Pluchea</i> sp.	Fleabane	2
<i>Polygonum</i> sp.	Smartweed	1
<i>Salix caroliniana</i>	Carolina willow	1
<i>Setaria geniculata</i>	Knotroof bristlegrass	1
<i>Spartina bakeri</i>	Sand cordgrass	1
<i>Tripsacum dactyloides</i>	Fakahatchee grass	2
Unknown herb		3
Total vegetated		76
Percent nuisance/exotic		6

Hydric Pine 2, 1/19/2006		
Water Depth		Personnel: MF
Scientific Name	Common Name	Percent Cover
Bare ground		12
<i>Ambrosia artemisiifolia</i>	Common ragweed	3
<i>Andropogon virginicus</i>	Broom grass	4
<i>Centella asiatica</i>	Asian coinwort	7
<i>Commelina diffusa</i>	Dayflower	1
<i>Cynodon dactylon</i> *	Bermuda grass	8
<i>Cyperus haspan</i>	Jointed flatsedge	2
<i>Cyperus</i> sp.	Flatsedge	9
<i>Cyperus surinamensis</i>	Flatsedge	8
<i>Echinochloa crusgalli</i>	Barnyard grass	1
<i>Eleocharis baldwinii</i>	Hairgrass	12
<i>Erigeron</i> sp.	Fleabane	4
<i>Eupatorium capillifolium</i>	Dog fennel	1
<i>Hydrocotyle umbellata</i>	Marsh pennywort	1
<i>Juncus effusus</i>	Soft rush	3
<i>Polygonum punctatum</i>	Dotted smartweed	2
<i>Rhynchospora</i> sp.	Beakrush	2
<i>Sacciolepis striata</i>	American cupscale	1
<i>Scoparia dulcis</i>	Sweet-broom	3
<i>Smilax</i> sp.	Greenbrier	3
<i>Tripsacum dactyloides</i>	Fakahatchee grass	2
Unknown grass		7
Unknown herb		4
Total vegetated		65
Percent nuisance/exotic		8

Hydric Pine 3, 1/19/2006		
Water Depth		Personnel: MF
Scientific Name	Common Name	Percent Cover
Bare ground		10
<i>Ambrosia artemisiifolia</i>	Common ragweed	4
<i>Andropogon glomeratus</i>	Bushy bluestem	1
<i>Andropogon virginicus</i>	Broom grass	8
<i>Aster</i> sp.	Aster	2
<i>Commelina diffusa</i>	Dayflower	10
<i>Cynodon dactylon</i> *	Bermuda grass	6
<i>Cyperus</i> sp.	Flatsedge	1
<i>Cyperus surinamensis</i>	Flatsedge	1
<i>Echinochloa crusgalli</i>	Barnyard grass	2
<i>Eleocharis baldwinii</i>	Hairgrass	6
<i>Eryngium</i> sp.	Thistle	7
<i>Eupatorium capillifolium</i>	Dog fennel	2
<i>Hydrocotyle umbellata</i>	Marsh pennywort	2
<i>Juncus effusus</i>	Soft rush	1
<i>Ludwigia peruviana</i>	Primrosewillow	1
<i>Ludwigia repens</i>	Red ludwigia	2
<i>Phyla nodiflora</i>	Frog-fruit	1
<i>Pluchea</i> sp.	Fleabane	3
<i>Polygonum punctatum</i>	Dotted smartweed	3
<i>Rumex</i> sp.	Dock	3
<i>Scoparia dulcis</i>	Sweet-broom	7
<i>Setaria geniculata</i>	Knotroof bristlegrass	1
<i>Spartina bakeri</i>	Sand cordgrass	2
<i>Tripsacum dactyloides</i>	Fakahatchee grass	2
Unknown herb		5
Unknown vine		6
<i>Urena lobata</i>	Caesarweed	1
Total vegetated		90
Percent nuisance/exotic		6

Hydric Pine Herbaceous Vegetation, Continued

Hydric Pine 4, 1/19/2006		
Water Depth	Personnel: MF	
Scientific Name	Common Name	Percent Cover
Bare ground		0
<i>Andropogon virginicus</i>	Broom grass	3
<i>Aster</i> sp.	Aster	1
<i>Centella asiatica</i>	Asian coinwort	8
<i>Commelina diffusa</i>	Dayflower	3
<i>Cynodon dactylon</i> *	Bermuda grass	11
<i>Cyperus haspan</i>	Jointed flatsedge	3
<i>Cyperus</i> sp.	Flatsedge	2
<i>Cyperus surinamensis</i>	Flatsedge	8
<i>Echinochloa crusgalli</i>	Barnyard grass	2
<i>Eleocharis</i> sp.	Spike rush	11
<i>Erigeron</i> sp.	Fleabane	4
<i>Eustachys</i> sp.	Fingergrass	2
<i>Hydrocotyle umbellata</i>	Marsh pennywort	4
<i>Indigofera hirsute</i>	Hairy indigo	1
<i>Juncus effusus</i>	Soft rush	4
<i>Juncus</i> sp.	Rush	1
<i>Ludwigia repens</i>	Red ludwigia	1
<i>Panicum</i> sp.	Panic grass	2
<i>Phyla nodiflora</i>	Frog-fruit	3
<i>Pluchea</i> sp.	Fleabane	5
<i>Polygonum punctatum</i>	Dotted smartweed	2
<i>Rhynchospora</i> sp.	Beakrush	5
<i>Sacciolepis striata</i>	American cupscale	1
<i>Scoparia dulcis</i>	Sweet-broom	3
<i>Setaria geniculata</i>	Knotroof bristlegrass	5
<i>Tripsacum dactyloides</i>	Fakahatchee grass	2
Unknown herb		2
Unknown vine		1
Total vegetated		100
Percent nuisance/exotic		11

Hydric Pine Tree Plots

Condition Codes:

- 1 - live
- 2 - stressed
- 3 - basal
- 4 - tip dead
- 5 - app dead
- 6 - dead
- 7 - not found
- 8 - rec seed

Hydric Pine 1 Transect 1				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 0'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	3.6	1.5	1	
<i>Pinus elliotii</i>	2.8	0.9	2	
<i>Pinus elliotii</i>	1.3	0.6	2	
<i>Pinus elliotii</i>	1.4	0.8	2	
<i>Pinus elliotii</i>	1.3	0.7	2	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	1.0	0.2	1	
Average	1.9	0.8		

Hydric Pine 1 Transect 1				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 100'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	1.8	0.7	2	
<i>Ilex cassine</i>	3.4	1.4	1	
<i>Pinus elliotii</i>	3.5	1.5	1	
<i>Pinus elliotii</i>	4.0	2.3	1	
Average	3.2	1.5		

Hydric Pine 1 Transect 1				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 200'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	3.3	1.9	2	
<i>Ilex cassine</i>	3.0	2.1	1	
<i>Pinus elliotii</i>	0.6	0.1	2	
<i>Pinus elliotii</i>	4.2	1.7	1	
<i>Pinus elliotii</i>	3.2	1.7	1	
<i>Pinus elliotii</i>	3.3	0.9	2	
<i>Pinus elliotii</i>	3.9	1.6	2	
<i>Taxodium distichum</i>	3.5	1.3	1	
<i>Taxodium distichum</i>	3.7	1.3	1	
Average	3.2	1.4		

Hydric Pine 1 Transect 1				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 300'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	2.8	1.4	2	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	3.8	1.2	2	
<i>Pinus elliotii</i>	3.9	1.3	2	
<i>Pinus elliotii</i>	3.3	1.4	2	
<i>Pinus elliotii</i>	3.3	1.6	2	
<i>Pinus elliotii</i>	3.6	1.6	2	
<i>Pinus elliotii</i>	4.1	1.6	2	
<i>Pinus elliotii</i>	3.5	1.9	1	
Average	3.5	1.5		

Hydric Pine 1 Transect 2				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 0'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	1.2	0.6	2	
<i>Pinus elliotii</i>	1.1	0.3	2	
<i>Pinus elliotii</i>			5	
<i>Taxodium distichum</i>	3.8	1.4	1	
<i>Ilex cassine</i>	3.6	1.4	1	
<i>Pinus elliotii</i>	2.6	1.3	2	
<i>Pinus elliotii</i>	1.0	0.3	2	
<i>Pinus elliotii</i>	3.6	1.4	1	
<i>Pinus elliotii</i>	3.6	1.8	1	
<i>Pinus elliotii</i>	1.0	0.3	2	
<i>Pinus elliotii</i>	1.5	0.5	2	
<i>Pinus elliotii</i>	3.6	1.5	1	
<i>Ilex cassine</i>	2.7	1.0	1	
Average	2.4	1.0		

Hydric Pine 1 Transect 2				12/13/2005
Personnel: ER/CE		Water Depth: 0-1"		
Tree Plot 100'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	3.8	1.6	1	
<i>Pinus elliotii</i>	2.8	1.0	2	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>			5	
<i>Ilex cassine</i>			5	
<i>Pinus elliotii</i>			5	
<i>Taxodium distichum</i>	4.0	1.3	2	
<i>Ilex cassine</i>	3.2	1.3	1	
Average	3.5	1.3		

Hydric Pine Tree Plots, Continued

Condition Codes:

- 1 - live
- 2 - stressed
- 3 - basal
- 4 - tip dead
- 5 - app dead
- 6 - dead
- 7 - not found
- 8 - rec seed

Hydric Pine 1 Transect 2		12/13/2005	
Personnel: ER/CE		Water Depth: 0-1"	
Tree Plot 200'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	3.2	1.2	2
<i>Pinus elliotii</i>	2.7	1.8	2
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	4.0	1.9	1
<i>Pinus elliotii</i>	3.5	1.5	1
<i>Pinus elliotii</i>	0.8	0.3	2
Average	2.8	1.3	

Hydric Pine 1 Transect 2		12/13/2005	
Personnel: ER/CE		Water Depth: 0-1"	
Tree Plot 300'			
Species	Height	Crown	Condition
<i>Taxodium distichum</i>	3.6	1.9	2
<i>Pinus elliotii</i>	3.3	1.2	1
<i>Pinus elliotii</i>	4.0	1.5	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	1.2	0.5	2
<i>Pinus elliotii</i>	3.4	1.4	2
<i>Pinus elliotii</i>	3.4	1.3	2
Average	3.2	1.3	

Hydric Pine 2		12/13/2005	
Personnel: ER/CE		Water Depth: 0"	
Tree Plot 50'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	4.0	2.1	1
<i>Pinus elliotii</i>	3.8	1.8	1
<i>Pinus elliotii</i>	3.3	1.7	1
<i>Pinus elliotii</i>	1.7	1.4	1
<i>Pinus elliotii</i>	2.3	1.3	1
<i>Pinus elliotii</i>	2.3	1.2	1
<i>Pinus elliotii</i>	2.2	1.3	1
<i>Pinus elliotii</i>	3.7	2.1	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>			5
<i>Persea palustris</i>	5.9	4.1	1
<i>Persea palustris</i>	20+	15+	1
<i>Pinus elliotii</i>	3.5	1.8	1
<i>Taxodium distichum</i>	2.7	0.9	1
<i>Taxodium distichum</i>	3.8	1.2	1
<i>Quercus laurifolia</i>	4.2	2.0	3
<i>Taxodium distichum</i>	3.0	1.2	1
<i>Taxodium distichum</i>	2.9	0.7	1
Average	3.3	1.7	

Hydric Pine 2		12/13/2005	
Personnel: ER/CE		Water Depth: 0"	
Tree Plot 150'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	2.8	1.7	2
<i>Pinus elliotii</i>	1.2	0.7	2
<i>Pinus elliotii</i>	3.7	2.0	1
<i>Pinus elliotii</i>	1.1	0.6	2
<i>Pinus elliotii</i>	1.0	0.4	2
<i>Pinus elliotii</i>	3.6	1.2	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	3.9	2.1	1
<i>Pinus elliotii</i>	3.8	1.7	1
<i>Pinus elliotii</i>	2.0	0.8	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	1.3	0.9	2
<i>Pinus elliotii</i>	4.3	2.1	1
<i>Pinus elliotii</i>	2.0	1.3	1
<i>Pinus elliotii</i>	1.4	0.6	2
<i>Pinus elliotii</i>	1.9	1.3	2
<i>Pinus elliotii</i>	1.8	1.2	2
<i>Pinus elliotii</i>	3.4	1.8	2
<i>Pinus elliotii</i>			5
<i>Taxodium distichum</i>	3.1	1.4	2
<i>Sabal palmetto</i>	3.2	1.3	1
<i>Taxodium distichum</i>	3.5	1.2	1
<i>Taxodium distichum</i>	3.8	1.5	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	3.8	1.9	1
Average	2.7	1.3	

Hydric Pine Tree Plots, Continued

Condition Codes:

- | | |
|--------------|---------------|
| 1 - live | 5 - app dead |
| 2 - stressed | 6 - dead |
| 3 - basal | 7 - not found |
| 4 - tip dead | 8 - rec seed |

Hydric Pine 2		12/13/2005	
Personnel: ER/CE		Water Depth: 0"	
Tree Plot 250'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	3.0	1.7	1
<i>Quercus laurifolia</i>	4.4	3.7	1
<i>Sabal palmetto</i>	4.4	3.0	1
<i>Sabal palmetto</i>	3.5	3.5	1
<i>Sabal palmetto</i>	3.0	1.6	1
<i>Sabal palmetto</i>	2.2	1.7	1
<i>Sabal palmetto</i>	1.6	1.0	1
<i>Sabal palmetto</i>	2.2	1.4	1
<i>Quercus laurifolia</i>	~19	~13	1
<i>Ilex cassine</i>	~28	~20	1
<i>Pinus elliotii</i>	3.7	2.0	1
<i>Pinus elliotii</i>	4.4	2.4	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	3.1	1.7	2
<i>Pinus elliotii</i>	1.5	0.5	2
<i>Pinus elliotii</i>	4.1	2.7	1
<i>Pinus elliotii</i>			5
<i>Pinus elliotii</i>	1.9	0.8	2
<i>Pinus elliotii</i>	2.0	0.5	2
<i>Pinus elliotii</i>	1.6	1.2	2
<i>Pinus elliotii</i>	4.2	1.6	1
<i>Pinus elliotii</i>	4.6	2.4	1
<i>Pinus elliotii</i>	2.7	1.6	2
<i>Sabal palmetto</i>	8.5	10.0	1
<i>Sabal palmetto</i>	8.5	10.0	1
<i>Sabal palmetto</i>	8.5	10.0	1
<i>Pinus elliotii</i>	1.7	1.0	1
<i>Sabal palmetto</i>	2.6	2.1	1
<i>Pinus elliotii</i>	2.2	0.6	2
<i>Pinus elliotii</i>	3.5	1.0	2
<i>Sabal palmetto</i>	~15	~13	2
<i>Sabal palmetto</i>	7.6	4.0	1
<i>Sabal palmetto</i>	4.9	1.6	1
<i>Sabal palmetto</i>	3.6	1.9	1
<i>Sabal palmetto</i>	0.8	0.5	1
<i>Sabal palmetto</i>	0.2	1.3	1
Average	3.6	2.5	

Hydric Pine 3		12/13/2005	
Personnel: ER/CE		Water Depth: 0"	
Tree Plot 0'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	2.6	1.2	2
<i>Pinus elliotii</i>	3.4	1.8	2
<i>Pinus elliotii</i>	1.6	0.7	2
<i>Pinus elliotii</i>	0.9	0.3	2
<i>Pinus elliotii</i>	1.5	0.6	2
<i>Pinus elliotii</i>	1.2	0.8	2
<i>Pinus elliotii</i>	1.3	0.7	2
<i>Pinus elliotii</i>	1.4	1.0	2
<i>Pinus elliotii</i>	3.0	0.8	2
Average	1.9	0.9	

Hydric Pine 3		12/13/2005	
Personnel: ER/CE		Water Depth: 0"	
Tree Plot 100'			
Species	Height	Crown	Condition
<i>Pinus elliotii</i>	3.5	2.1	1
<i>Pinus elliotii</i>	3.7	2.3	1
<i>Pinus elliotii</i>	3.5	0.8	2
<i>Pinus elliotii</i>	1.1	0.7	2
<i>Pinus elliotii</i>	3.9	1.8	1
<i>Pinus elliotii</i>	2.3	2.2	2
<i>Pinus elliotii</i>	3.7	2.0	1
<i>Pinus elliotii</i>	2.8	1.6	2
<i>Pinus elliotii</i>	2.5	1.0	2
Average	3.0	1.6	

Hydric Pine Tree Plots, Continued

Condition Codes:

- 1 - live
- 2 - stressed
- 3 - basal
- 4 - tip dead
- 5 - app dead
- 6 - dead
- 7 - not found
- 8 - rec seed

Hydric Pine 3		12/13/2005		
Personnel: ER/CE		Water Depth: 0"		
Tree Plot 200'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	4.1	2.3	1	
<i>Acer rubrum</i>	~22	~11	1	
<i>Ilex cassine</i>	3.3	1.2	1	
<i>Pinus elliotii</i>	3.5	1.1	1	
<i>Sabal palmetto</i>	0.5	0.3	1	
<i>Sabal palmetto</i>	3.3	2.1	1	
<i>Sabal palmetto</i>	1.6	1.8	1	
<i>Pinus elliotii</i>	3.2	1.3	2	
<i>Pinus elliotii</i>	3.8	1.6	1	
<i>Pinus elliotii</i>	4.2	1.9	1	
<i>Pinus elliotii</i>	3.6	1.7	1	
<i>Pinus elliotii</i>	3.5	1.9	1	
<i>Sabal palmetto</i>	8.6	10.5	1	
<i>Sabal palmetto</i>	12.0	12.5	2	
<i>Sabal palmetto</i>	3.1	3.4	1	
<i>Sabal palmetto</i>	1.5	1.7	1	
<i>Sabal palmetto</i>	2.4	1.9	1	
<i>Sabal palmetto</i>	1.3	1.0	1	
<i>Sabal palmetto</i>	~25	~20	1	
<i>Myrica cerifera</i>	9.5	8.5	1	
Average	4.1	3.2		

Hydric Pine 3		12/13/2005		
Personnel: ER/CE		Water Depth: 0"		
Tree Plot 300'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>			5	
<i>Sabal palmetto</i>	9.0	11.5	2	
<i>Pinus elliotii</i>	3.4	1.4	2	
<i>Pinus elliotii</i>	3.8	2.1	2	
<i>Pinus elliotii</i>	1.2	0.5	2	
<i>Pinus elliotii</i>	1.3	0.4	2	
<i>Pinus elliotii</i>	3.5	1.5	2	
<i>Pinus elliotii</i>	3.2	1.7	1	
<i>Pinus elliotii</i>	2.8	1.2	1	
Average	3.5	2.5		

Hydric Pine 4		12/13/2005		
Personnel: ER/CE		Water Depth: 0"		
Tree Plot 150'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	1.1	0.5	2	
<i>Sabal palmetto</i>	~16.5	~19	1	
<i>Sabal palmetto</i>	12.0	8.0	1	
<i>Sabal palmetto</i>	8.0	12.0	1	
<i>Sabal palmetto</i>	~12	~16	1	
<i>Pinus elliotii</i>	1.3	0.5	2	
<i>Myrica cerifera</i>	8.5	9.5	1	
<i>Sabal palmetto</i>	3.9	2.6	1	
<i>Pinus elliotii</i>	2.9	1.2	1	
<i>Pinus elliotii</i>	3.4	1.2	2	
<i>Pinus elliotii</i>	1.0	0.4	2	
<i>Pinus elliotii</i>	2.2	1.1	2	
Average	4.4	3.7		

Hydric Pine 4		12/13/2005		
Personnel: ER/CE		Water Depth: 0"		
Tree Plot 50'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	2.3	0.3	2	
<i>Pinus elliotii</i>	2.8	1.1	2	
<i>Sabal palmetto</i>	~9	~13	1	
<i>Sabal palmetto</i>	~15	~20	1	
<i>Sabal palmetto</i>	~13.5	~16	1	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	0.9	0.4	2	
<i>Pinus elliotii</i>	2.5	1.2	2	
<i>Pinus elliotii</i>	2.1	0.7	2	
<i>Pinus elliotii</i>	2.5	1.3	2	
Average	2.2	0.8		

Hydric Pine 4		12/13/2005		
Personnel: ER/CE		Water Depth: 0"		
Tree Plot 250'				
Species	Height	Crown	Condition	
<i>Pinus elliotii</i>	0.8	0.2	2	
<i>Pinus elliotii</i>	1.2	0.3	2	
<i>Pinus elliotii</i>	1.6	0.8	2	
<i>Pinus elliotii</i>	2.9	1.1	1	
<i>Pinus elliotii</i>	1.9	0.6	2	
<i>Sabal palmetto</i>	~17	~17	1	
<i>Sabal palmetto</i>	11.0	11.5	1	
<i>Pinus elliotii</i>	0.8	0.3	2	
<i>Pinus elliotii</i>	1.1	0.4	2	
<i>Ilex cassine</i>			5	
<i>Pinus elliotii</i>	1.3	0.5	1	
<i>Ilex cassine</i>	1.7	0.8	2	
<i>Pinus elliotii</i>	0.7	0.2	2	
<i>Pinus elliotii</i>	1.2	0.5	2	
<i>Pinus elliotii</i>			5	
<i>Pinus elliotii</i>	1.6	1.0	2	
<i>Pinus elliotii</i>			5	
Average	2.1	1.4		

Enhanced Native Areas

Transect 2		1/10/2006		
Personnel: ER/CE		Water Depth: 0"		
Orientation 120°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		38	64	66
<i>Hydrocotyle umbellata</i>	Marsh pennywort	1		
<i>Ilex cassine</i>	Dahoon holly		13	30
<i>Ludwigia peruviana</i>	Primrosewillow	8		
<i>Magnolia virginiana</i>	Sweet bay		5	1
<i>Micranthemum</i> sp.	Baby tears	8		
<i>Myrica cerifera</i>	Wax myrtle		9	
<i>Osmunda cinnamomea</i>	Cinnamon fern	21		
<i>Persea palustris</i>	Swamp bay		9	
<i>Polygonum punctatum</i>	Dotted smartweed	7		
<i>Quercus nigra</i>	Water oak			3
Unknown fern		2		
Unknown grass		1		
<i>Woodwardia areolata</i>	Netted chain fern	14		
Total vegetated		62	36	34
Percent nuisance/exotic		8	0	0

Transect 4		1/10/2006		
Personnel: ER/CE		Water Depth: 13"		
Orientation 220°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		33	100	100
<i>Echinochloa crusgalli</i>	Barnyard grass	22		
<i>Sagittaria latifolia</i>	Duck potato	4		
<i>Polygonum punctatum</i>	Dotted smartweed	3		
<i>Cyperus</i> sp.	Flatsedge	20		
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	1		
<i>Lemna</i> sp.	Duckweed	8		
<i>Panicum hemitomon</i>	Maidencane	4		
<i>Typha</i> sp.	Cattail	5		
Total vegetated		67	0	0
Percent nuisance/exotic		27	0	0

Transect 5		1/10/2006		
Personnel: ER/CE		Water Depth: 0"		
Orientation 240°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		40	87	56
<i>Magnolia virginiana</i>	Sweet bay		2	
<i>Osmunda cinnamomea</i>	Cinnamon fern	6		
<i>Paspalum</i> sp.		24		
<i>Quercus laurifolia</i>	Laurel oak		1	10
<i>Quercus virginiana</i>	Live oak	6		28
<i>Sabal palmetto</i>	Cabbage palm	2		6
<i>Serenoa repens</i>	Saw palmetto	6	11*	
<i>Smilax rotundifolia</i>	Roundleaf greenbrier	5		
<i>Toxicodendron radicans</i>	Poison ivy	1		
<i>Urena lobata</i>	Caesarweed	5		
<i>Vitis</i> sp.	Grape vine	4		
<i>Woodwardia areolata</i>	Netted chain fern	1		
Total vegetated		60	13	44
Percent nuisance/exotic		5	0	0

Transect 8		1/10/2006		
Personnel: ER/CE		Water Depth: 0"		
Orientation 275°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		3	84	92
<i>Commelina diffusa</i>	Dayflower	4		
<i>Eleocharis baldwinii</i>	Hairgrass	1		
<i>Hydrocotyle ranunculoides</i>	Water pennywort	4		
<i>Hydrocotyle umbellata</i>	Marsh pennywort	2		
<i>Ludwigia peruviana</i>	Primrose willow	1		
<i>Osmunda cinnamomea</i>	Cinnamon fern	2		
<i>Polygonum punctatum</i>	Dotted smartweed	80		
<i>Salix caroliniana</i>	Carolina willow	2	16	8
Unknown herb		1		
Total vegetated		97	16	8
Percent nuisance/exotic		1	0	0

Transect 9		1/10/2006		
Personnel: ER/CE		Water Depth: 0"		
Orientation 320°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		57	26	47
<i>Baccharis halimifolia</i>	Saltbush		1	
<i>Commelina diffusa</i>	Dayflower	1		
<i>Ludwigia peruviana</i>	Primrosewillow	2		
<i>Quercus virginiana</i>	Live oak	11		53
<i>Serenoa repens</i>	Saw palmetto	21	73*	
<i>Toxicodendron radicans</i>	Poison ivy	1		
Unknown grass		1		
<i>Urena lobata</i>	Caesarweed	6		
Total vegetated		43	74	53
Percent nuisance/exotic		8	0	0

Transect 10		1/10/2006		
Personnel: ER/CE		Water Depth: 0"		
Orientation 270°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		11	70	89
Dead vegetation		18		
<i>Eleocharis interstincta</i>	Knotted spikerush	2		
<i>Ludwigia peruviana</i>	Primrosewillow	1		
<i>Cyperus</i> sp.	Flatsedge	2		
<i>Polygonum punctatum</i>	Dotted smartweed	43		
Unknown grass		1		
<i>Spartina bakeri</i>	Sand cordgrass	10		
<i>Salix caroliniana</i>	Carolina willow		30	11
Unknown vine		1		
<i>Pontederia cordata</i>	Pickerelweed	4		
<i>Panicum hemitomon</i>	Maidencane	1		
<i>Hydrocotyle umbellata</i>	Marsh pennywort	2		
<i>Commelina diffusa</i>	Dayflower	4		
Total vegetated		71	30	11
Percent nuisance/exotic		1	0	0

Enhanced Native Areas, Continued

Transect 11		1/10/2006		
Personnel: ER/CE		Water Depth: Saturated		
Orientation 240°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		7	84	92
<i>Cyperus</i> sp.	Flatsedge	8		
<i>Ludwigia peruviana</i>	Primrose willow	3		
<i>Polygonum punctatum</i>	Dotted smartweed	75		
<i>Pontederia cordata</i>	Pickerelweed	2		
<i>Salix caroliniana</i>	Carolina willow		16	8
<i>Rumex</i> spp.	Dock	3		
Unknown vine		1		
Total vegetated		92	16	8
Percent nuisance/exotic		3	0	0

Transect 12		1/10/2006		
Personnel: ER/CE		Water Depth: 0-3"		
Orientation 70°				
Scientific Name	Common Name	Percent Ground	Percent Midstory	Percent Canopy
Bare/Open		23	77	68
<i>Acer rubrum</i>	Red maple		2	16
<i>Hydrocotyle umbellata</i>	Marsh pennywort	8		
<i>Ilex cassine</i>	Dahoon holly			8
<i>Lemna</i> sp.	Duckweed	2		
<i>Ludwigia peruviana</i>	Primrosewillow	3		
<i>Myrica cerifera</i>	Wax myrtle		3	
<i>Nyssa sylvatica</i>	Black gum		5	5
<i>Osmunda cinnamomea</i>	Cinnamon fern	22		
<i>Osmunda regalis</i>	Royal fern	5		
<i>Paspalum</i> sp.		12		
<i>Polygonum punctatum</i>	Dotted smartweed	14		
<i>Pontederia cordata</i>	Pickerelweed	4		
<i>Quercus laurifolia</i>	Laurel oak		5	
<i>Sabal palmetto</i>	Cabbage palm	4	7	13
<i>Salix caroliniana</i>	Carolina willow		1	
<i>Woodwardia areolata</i>	Netted chain fern	3		
Total vegetated		77	23	42
Percent nuisance/exotic		3	0	0