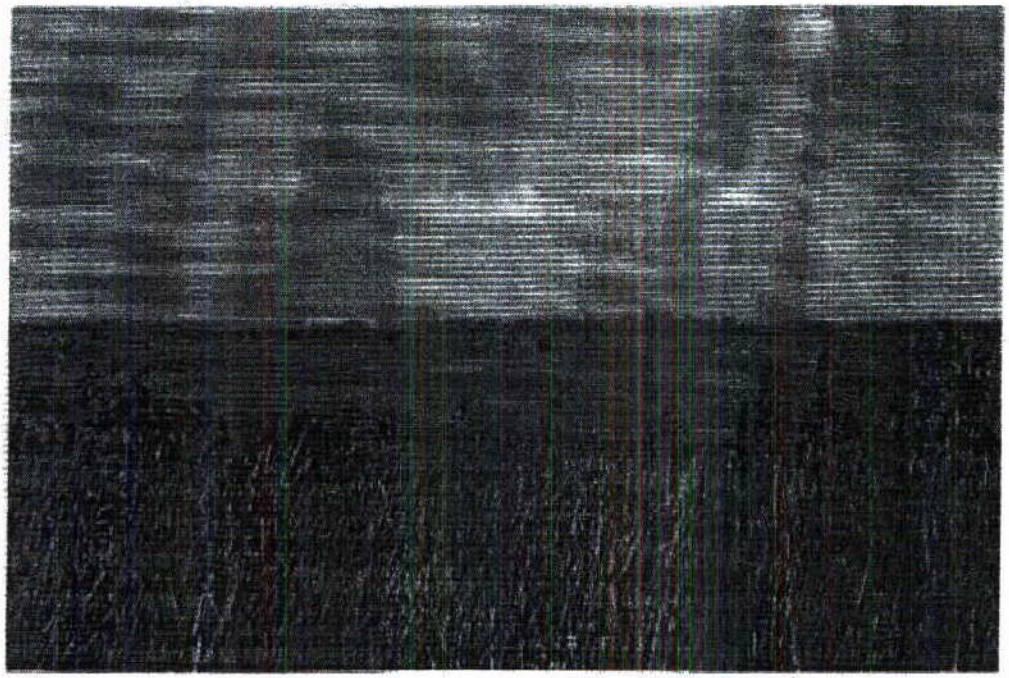
APPENDIX A

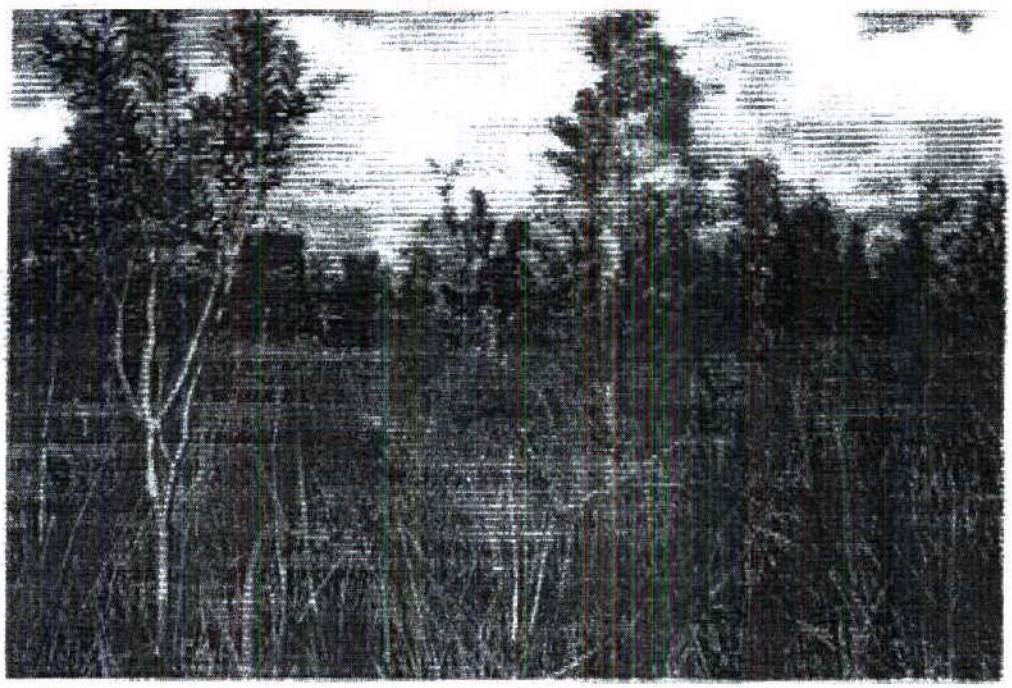
APPENDIX A

Photographs of representative sites for each cover type. For locations of the sites, refer to Figure 2. Cover types were assigned by ERG staff, in consultation with DERM staff and the vegetation expert from EAS Engineering. Cover type designation relied upon ground-truthing, since a vegetation map of the area was not available when site selection began. Twelve of the 50 sites were located by GPS by EAS Engineering. These sites were: MAR-1, MAR-2, MAR-3, P50-1, P50-2, P50-3, P75-1, P75-3, SDM-1, SDM-2, DMM-1, and DMM-3. Co-ordinates were used to locate the sites on the GIS map of the region. The remaining 38 sites were located on aerial photographs then entered into the GIS map.

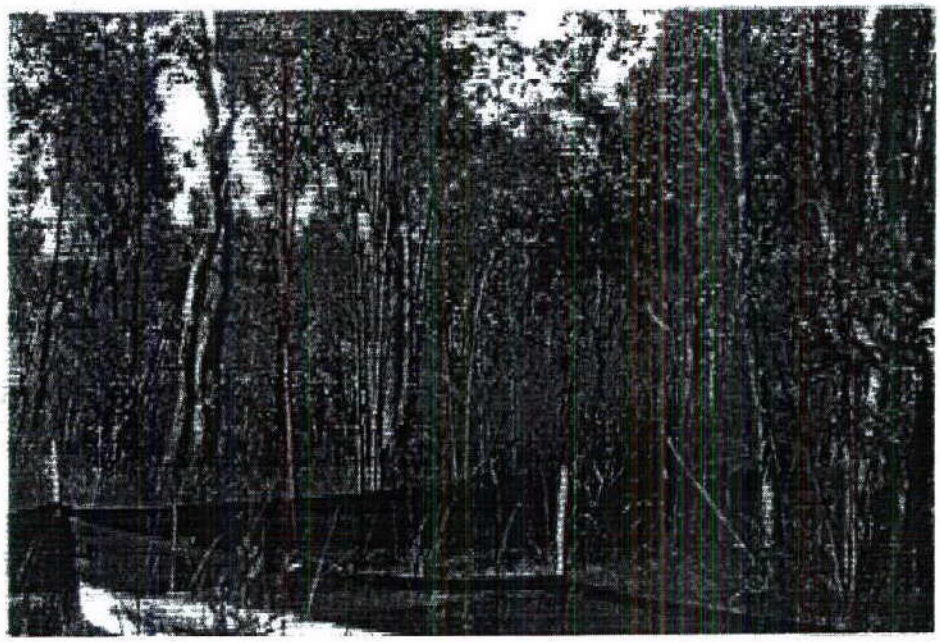
Marsh (0% to 10% melaleuca) cover type. Photograph taken from Dade-Broward Levee, looking west, in May 1996. Site MAR-2 was located in this area.



P50 (10% to 50% melaleuca) cover type. Photograph at site P50-1, in May 1996.



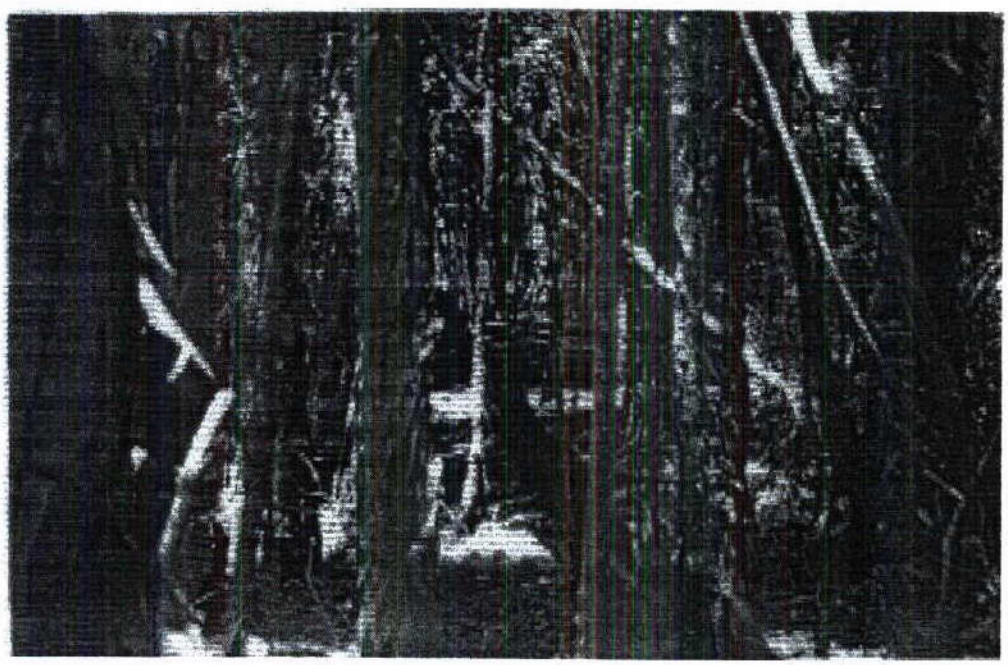
P75 (50% to 75% melaleuca) cover type. Photograph at site P75-1, in May 1996. Drift fence array (arrow) is partially visible.



SDM (75% to 100% melaleuca, sapling stage) cover type Photograph taken at site SDM-5, in May 1996.

SDM (75% to 100% melaleuca, sapling stage) cover type. Photograph taken at site SDM-2, in January 1994. Site was being cleared to place drift fence array.

DMM(75% to 100% melaleuca, mature stage) cover type. Photograph taken at site DMM-1, in January 1996. Drift fence array (arrow) is partially visible.



APPENDIX B

Listing of the three sites randomly selected each month for DIP NET SAMPLING. Shading indicates site conditions inappropriate for samplin
Asterisk (*) indicates sampling performed, but no animals were caught.
In the case of dip net sampling, inappropriate conditions were less than one meter square of standing water.
Sampling generally occurred during the first week of each month.
See Figure 2 for the approximate location of each site.

Within each cover type, site numbers are listed in numeric order.

		Marsh 0% - 10% Randomly selected sites			P50 10% - 50% Randomly selected sites			P75 50% -75% Randomly selected sites			SDM >75% Sapling Randomly selected sites			DMM >75% Mature Randomly selected sites		
Jan	94															
Feb	94															
Mar	94	3				6		7								
Apr	94			8								5				
May	94	2	4	6	3			7				3				
Jun	94	1	2	3	1									3		
Jul	94	1	2	3	1	2	3	1	2		2	5			3	
Aug	94	1	2	3	1	2	3	1	2	3		2	3			3
Sep	94	4	7	10	1	3	9	3	4	10	1	8	10	3	5	6
Oct	94	1	5	7	5	6	8	3	5	9	1	3	9	5*	7	10
Nov	94	1	6	8*	3*	4*	7	3	7*	10*	2	3*	7	1*	4*	8
Dec	94	2	8	10	2	4	8	4	6*	10	5	8	9	5*	6	7*
Jan	95	1	2	3	1	4	5	3	4	9*	5	6*	9*	1*	4	10
Feb	95	1	2	3	2	3	10	1	2	10	2	6	10	3	8*	10*
Mar	95	8	9	10	5	6		5*	7	8	2*	5	6*	1*	6	8
Apr	95					7		6	7		6		8			6*
May	95															
Jun	95	3*	5	6		3	5		4							
Jul	95	1	3	7	3	7	8	4	5	7	3	4	7	4*	5	6
Aug	95	1	4	6*	2*	4*	8	7*	9	10	6*	9	10	3*	4	10
Sep	95	2	3	8*	2	3	6	5	6	10*	4	5	8	4	8	10
Oct	95	4	9	10	1	5	7*	4	5*	7	1	7	9	7*	8	10
Nov	95	3	4	9	3*	7	8*	1	6*	8	5	7	8*	3*	8	9
Dec	95	2	4	6	1	5	6	6	7	9*	4	5	8	1*	2*	4

* Indicates sampling performed, yet no animals captured
Shading indicates too dry for sampling

DOC#614

Listing of the three sites randomly selected each month for MINNOW TRAPPING. Shading indicates site conditions inappropriate for sampling. Asterisk (*) indicates sampling performed, but no animals were caught. In the case of minnow trapping, inappropriate conditions were less than 10 cm of standing water. Sampling generally occurred during the first week of each month. See Figure 2 for the approximate location of each site.

Within each cover type, site numbers are listed in numeric order.

		Marsh 0% - 10% Random site	P50 10% - 50% Random site	P75 50% -75% Random site	SDM >75% Sapling Random site	DMM >75% Mature Random site
Jan	94					
Feb	94					
Mar	94					
Apr	94					
May	94	2			3	
Jun	94			7	5	4
Jul	94					
Aug	94					
Sep	94	3	10	9		3
Oct	94	1	5	5	6	7
Nov	94	4	4	4	2	5
Dec	94	1	2	10*	8*	4
Jan	95	3	5*	6*	1	2
Feb	95	2	10	4	4*	3
Mar	95	4*	6	7	5	6*
Apr	95					
May	95					
Jun	95					
Jul	95	1*	4	7	7	4
Aug	95	1	4	4	7	3
Sep	95	3	2*	5	6	8
Oct	95	10	4	4	7	8
Nov	95	9	9	1	3	3
Dec	95	6				

* Indicates sampling performed, yet no animals captured
Shading indicates too dry for sampling

DOC#614

Listing of the three sites randomly selected each month for FAUNAL TRANSECTS. Shading indicates site conditions inappropriate for sampling.
In the case of faunal transects, inappropriate conditions were continuous standing water.
Sampling generally occurred during the third week of each month.
See Figure 2 for the approximate location of each site.

Within each cover type, site numbers are listed in numeric order.

		Marsh 0% - 10% Randomly selected sites			P50 10% - 50% Randomly selected sites			P75 50% -75% Randomly selected sites			SDM >75% Sapling Randomly selected sites			DMM >75% Mature Randomly selected sites		
Jan	94															
Feb	94															
Mar	94	3	4		1	3	5	1	3	7	2	8		2		9
Apr	94	2	4	8	2	6	10	5	9	10	1		10	1	5	
May	94	1	2	3	1	2	3	1	3	7	1	3	10	1	2	10
Jun	94	2	8	9	1	5	8	1	6	10	1	5	9	4	5	9
Jul	94	2	5	6		7	9		7			8	10	6	8	10
Aug	94	1	3	10	6	8	10	2	8	10	2	4	10	4	6	7
Sep	94	2	3	4	3	4	10	4	5	9	1	3	8	3	6	10
Oct	94	1	5	7	5	6	8	3	5	9	6	7	9	2	7	10
Nov	94															
Dec	94															
Jan	95															
Feb	95							1			2			4		9
Mar	95	6	8		6		10	1		10	2		8	1	5	6
Apr	95	2	4				8	3	4		2	6		3	5	
May	95	1	4	9	2	5	7	1	6	9	2	3		2	4	
Jun	95	1			4			1	2	5		5		3		
Jul	95															
Aug	95	1				4									4	
Sep	95															
Oct	95															
Nov	95															
Dec	95										1			1		

Shading indicates too wet for sampling

767

DOC#6 14

Listing of the three sites randomly selected each month for BIRD STRIP TRANSECTS.
In the case of bird strip transects, sampling was performed regardless of standing water conditions.
Sampling generally occurred during the third week of each month.
See Figure 2 for the approximate location of each site.

Within each cover type, site numbers are listed in numeric order.

		Marsh 0% - 10%			P50 10% - 50%			P75 50% -75%			SDM >75% Sapling			DMM >75% Mature		
		Randomly selected sites			Randomly selected sites			Randomly selected sites			Randomly selected sites			Randomly selected sites		
Jan	94	1*	2	other*	1*	2*	3*	1*	2	other*	1*	2*	other*	1*	2*	3*
Feb	94	1	2	3	1*	2*	3	1	2*	3	1*	2*	3*	1*	2*	3
Mar	94	1*	2*	3*	1*	2*	3*	2*	3	7*	3	5	other*	2*	3*	9*
Apr	94	2	8*	10	3	5*	6	1	5	other*	1*	5	10*	1	4	5*
May	94	2	3	4	2	4	10	2	4	10	1	3*	9	1*	3	10*
Jun	94	2	7	8*	1	2	8*	1	2	3	1	3	5*	1	3*	4*
Jul	94	1*	2	6	3	7*	9*	1	4	7	2*	5*	8	6	8*	10*
Aug	94	1	2*	10*	6*	8	10*	1*	8*	10*	3*	4*	8*	4	6	7
Sep	94	1	3	4*	8	9*	10	4	5*	9	1*	3	8*	3	5*	6*
Oct	94	1	5*	7	5	6	8	3	5*	9	6	7*	9	2*	7*	8
Nov	94	1	4*	6	4*	7	10	4	6	8	1	2	10	2	5*	8*
Dec	94	1	8*	10	2*	4	8*	4*	9	10	2	4	5*	2	4*	6*
Jan	95	2*	3*	7	4	6	7	3*	4	6	5*	9	10	2	4*	10
Feb	95	1	6*	8*	2	4	10	4	8*	10*	1	3	4*	3*	4*	10*
Mar	95	1	6	8	4	5*	10	5	7	10	2*	8*	9	5*	6*	8*
Apr	95	1	4	9	2	7	8*	3*	6	7*	5*	6*	7	3*	4*	5*
May	95	4*	7	8	4	5	7*	1*	6*	9	2*	4	5	2*	5	6*
Jun	95	2	5	8	5*	7	10	1	5*	10	5*	7	8*	3*	6*	10
Jul	95	1*	3	7*	3	4*	8*	4*	5*	7*	3*	4*	7*	4*	5*	6*
Aug	95	1*	4*	10	4*	7	8*	4*	7	9*	7*	9*	10*	3*	4*	10*
Sep	95	1	3	8	6*	7	10	1	5*	6	4*	6	9	4	5	10*
Oct	95	4	9*	10	1	5	10	1	7	9	1	7*	9*	2	8*	10*
Nov	95	3*	4*	9*	4*	7	9	1	8	9	3*	5*	7*	3*	8	9
Dec	95	5	6	10	3	5*	8	5	7*	10	3	6*	8	1	4*	7*

* Indicates sampling performed, yet no birds observed

DOC#6 1 4

Listing of the one site randomly selected each quarter for SMALL MAMMAL LIVE TRAPPING, SCENT AND BAIT STATIONS .
Shading indicates site conditions inappropriate for sampling. Asterisk (*) indicates sampling performed, but no animals were caught.
In the case of small mammal live trapping, scent and bait stations, inappropriate conditions were continuous standing water.
Sampling generally occurred during the first week of the second month in each quarter (e.g. February, May, August, or November).
See Figure 2 for the approximate location of each site.

	Marsh 0% - 10% Random site	P50 10% - 50% Random site	P75 50% -75% Random site	SDM >75% Sapling Random site	DMM >75% Mature Random site
1st Qtr	4	5	4	5	2
2nd Qtr		2	1	2	1
3rd Qrt		10+	10	9	10
4th Qrt					
5th Qrt		2	1	1+	1
6th Qrt	4	6	7*	5	6*
7th Qrt					
8th Qrt				1+	1+

* Indicates sampling performed, yet no animals captured
+Indicates site sampled because the first randomly selected site was too wet for sampling
Shading indicates too wet for sampling

DOC#6 1 4

Listing of the one site randomly selected each quarter for RED IMPORTED FIRE ANT MOUND SURVEYS. Shading indicates site conditions were inappropriate for sampling. In the case of Red imported fire ant mound surveys, inappropriate conditions were continuous standing water. Sampling generally occurred during the first week of the second month in each quarter (e.g. February, May, August, or November). See Figure 2 for the approximate location of each site.

Within each cover type, site numbers are listed in numeric order.

	Marsh 0% - 10%			P50 10% - 50%			P75 50% -75%			SDM >75% Sapling			DMM >75% Mature		
	Randomly selected sites			Randomly selected sites			Randomly selected sites			Randomly selected sites			Randomly selected sites		
1st Qtr	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
2nd Qtr					2	6		5	9	2	5	9	1		
3rd Qrt	2			2			5			2				9	
4th Qrt															
5th Qrt				5			4	5		1			2	4	10
6th Qrt	5	6	10	2	4	5	1	2	4	2	5	6	2	4	6
7th Qrt				2			1			1			1	5	
8th Qrt				1			7			2					

Shading indicates too wet for sampling

DOC#6 1 4