

**Willow Island Experiment – CUTTINGS**  
**Drs. John E. Fauth & Pedro Quintana-Ascencio**  
**Department of Biology, UCF**

Date: June 23-24-2009

Island	Depth (cm)	Direction	Cutting ID #	Stick diameter	Number of leaves	Number of stems	Dia. of largest stem	Length/stem
1	35	SE	501	8.4	110	2	4.7	47.8, 44.3
1	0	SE	366	NOT FOUND THE PLANT			—	—
1	17.5	SW	565	5.2	8	1	2.8	20.8
1	0	NW	251	4.2	4	1	2.65	18.9 BARELY ALIVE
1	17.5	NW	34	9.05	248	7	7.9	13.5, 6.0, 7.5, 39.0, 5.1, 63.1, 25.5
1	17.5	NW	12	7.0	80	2	5.3	6.5, 44.0
1	35	NE	9	7.4	65	2	5.0	48.8, 6.3 STEM WITH ROOTS
1	0	NE	579	6.3	53	1	4.8	59.7 STEM WITH ROOTS
1	0	NE	455	9.4	54	3	6.55	14.2, 12.5, 73.3
1	17.5	NE	611	5.8	75	1	5.95	36.0 ROOTS BY THE SURFACE
1	35	SE	372	9.1	194	3	7.4	47.0, 50.1, 34.8
1	50	SE	570	6.7	18	1	2.8	16.3
1	50	S	584	12.2	183	8	5.15	38.6, 34.7, 29.5, 54.4, 26.7, 37.5, 48.0, 1.0
1	50	NE	239	9.0	175	2	5.0	7.4, 42.3
1	50	W	530	9.5	67	3	6.0	65.8, 58.1, 50.8

Island = 1, 2, 3 or 4. Depth = 0 (bottom), 17.5, 35 or 50 (top of island). Direction = N (north face of island), S, E, W

Done!  
J.E.  
08.09.09

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2	0	NE	601	5.25	52	2	3.75	50.0, 17.8
2	35	NE	568	10.8	164	3	6.3	21.8, 46.2, 48.5 ROOTS EMERGING FROM THE STEM
2	17.5	NW	333	7.8	119	3	5.15	64.9, 10.2, 58.2 base eroded overgrown by Utricularia
2	17.5	NW	513	9.95	39	1	5.4	60.1 HORIZONTAL OVER WATER COVER BY UTRICULARIA
2	35	SW	586	8.5	89	2	6.8	4.6, 27.0
2	17.5	SW	394	5.9	153	1	6.3	66.3 45° angle
2	35	SE	314	9.3	104	2	9.0	25.0, 65.1 ROOTS ABOVE THE SOIL SURFACE ENDED?
2	0	SE	529	7.4	70	1	6.2	78.1
2	35	SE	84	11.45	172	3	9.3	31.0, 28.7, 59.0
2	17.5	NE	571	6.15	31	1	3.35	14.7 STICK ALL ENDED
2	0	NE	361	5.9	18	2	4.9	9.5, 36.1 HERBIVORIZED ALL ABOVE WATER
2	50	NE	281	12.5	140	3	7.9	43.1, 79.1, 29.5
2	50	W	106	DEAD	—	—	—	—
2	50	S	573	9.2	141	7	4.1	11.2, 26.2, 32.6, 17.9, 14.5, 11.2, 31.8
2	50	SE	597	7.45	68	2	4.8	30.0, 31.8

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Done!  
J.C.  
06-09-09

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Date: June 23, 09

Island	Depth (cm)	Direction	Cutting ID #	mm		mm		Length/stem cm
				Stick diameter	Number of leaves	Number of stems	Dia. of largest stem	
3	0	NE	539	4.7	32	1	3.4	41.1
3	35	NE	321	7.7	168	4	4.3	25.7, 47.7, 42.3, 50.3
3	17.5	NW	138	5.9	120	7	5.3	48.2, 5.9, 28.0, 13.4, 19.5, 51.8, 17.4
3	0	NW	61	5.3	57	1	4.3	68.6
3	35	SW	544	8.95	123	1	7.3	55.2
3	17.5	SW	536	6.75	11	1	1.95	12.1 knock down, dead
3	35	SE	75	5.35	0	0	—	a little bit of green knock down,
3	35	SE	617	—	—	—	—	plant not found, tag found
3	0	SE	301	—	—	—	—	plant not found tag found
3	17.5	NE	259	4.8	77	1	4.7	bushy root emerging from the stem <sup>eroded?</sup>
3	0	NE	577	7.4	9	1	2.1	20.6
3	50	NE	609	7.5	168	9	4.7	0.3, 6.6, 13.7, 6.8, 17.3, 20.5, 8.8,
3	50	W	96	9.35	308	7	6.35	5.0, 7.1, 11.6, 41.7, 55.5, 47.6, 28.5
3	50	S	117	9.3	259	4	8.0	50.2, 0.5, 16.4, 34.7
3	50	SE	550	9.0	157	3	6.7	6.1, 16.2, 37.7

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Island	Depth (cm)	Direction	Cutting ID #	Stick diameter	Number of leaves	Number of stems	Dia. of largest stem	Length/stem (cm)
4	35	SE	559	10.0	247	1	8.55	59.1
			240	present				
			254	no				
			49	present				
			207	no				
4	35	SW	25	10.6	343	3	7.9	6.3, 42.6, 53.1
4	0	NW	556	7.0	104	1	5.8	62.5
4	17.5	NW	66	8.2	170	7	7.2	20.8, 29.3, 17.0, 17.1, 23.4, 8.3, 64.0
4	17.5	NW	589	5.9	89	2	5.9	32.8, 46.1
4	35	NE	371	5.95	123	1	5.3	34.4
4	0	NE	287	5.6	71	2	5.4	19.8, 49.6
4	0	NE	582	6.25	29	3	2.8	7.0, 9.4, 29.6
4	17.5	NE	36	7.75	311	2	6.25	48.5, 60.5
4	0	SE	65	8.2	76	1	4.8	54.5 → by us snapped *
4	35	SE	228	7.6	69	1	5.8	73.7
4	17.5	SW	181	8.95	155	2	5.6	47.1, 46.1
4	50	SE	285	8.5	209	8	4.8	45.3, 52.2, 27.6, 16.8, 24.7, 32.3, 45.0, 23.5
4	50	S	11	7.3	127	1	6.1	66.4
4	50	W	337	9.6	243	6	5.85	29.0, 21.2, 30.4, 15.5, 49.1, 46.8

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