

Date:02-SEP-02
(dd-mon-yy)

Location:33HCMO

Sight/Scan Record ID:N/A

(yy-julianday-sighting#scan#)

SEAGRASS/HABITAT SAMPLING

Sample ID: 02-245-33HCMO
(yy-julianday-location code)

EW Team:02-09
(yy-team#)

Data Recorded By: Pam

LOCATION DATA

LOC. CODE: 33HCMO

WAYPOINT: 344

LOCATION NAME: Mouth of Heraclitus

VECTOR TO SAMPLE PLOT: Non Random Plot

DEPTH AT CENTER OF PLOT: 4.5

DEPTH AT NORTH: 5.0 SOUTH: 4.0 EAST: 3.5 WEST: 5.0

Habitat Type: Circle the habitat characteristics of the scan point, NOT where the manatee is! Grass type should be underlined for every scan point. Resting hole within 100m: **yes no unknown**

Inside Bogues/Outside Bogues/Reef Channel/Channel edge/Dead-end Bogue/Lagoon/Grassflat
Mud/SMud/MSand/Sand/Coral/Unknown Turtle/Shoal/Manatee/Mixed/None/Other/Unknown

PHYSICAL DATA

SECCHI READINGS (vertical secchi – take from center of boat. horizontal secchi – take from bow (.5 meter) below the surface; secchi disk should face the sun.)

Name (volunteer who took the data)	Horiz	Vertical	Depth	Comments
Pam		6	6	
Pam and Krisan	18			

H2O Temp Surface	H2O Temp Bottom	Salinity Surface	Salinity Bottom	Sea State	Swell Height
29.7	29.8	N/A	N/A	1	0

Sediment Type (circle sediment type based on biomass cores): mud -- sand/coral -- mix -- other

Comments and other description: mud

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BIOLOGICAL DATA

BIOMASS CORES: (Enter zero if core would be empty, enter yes if core was taken, enter N/A if not taken. Take cores from the “a” corner of the small (density) quadrats. If you enter zero, a biomass datasheet must be filled out!!!)

N: Yes S: Yes E: Yes W: Yes

DENSITY COUNTS

4 samples:

See plot design for sample layout.

At least 2 Replicas: If possible, each replica should be taken by the same person. Please make comments about person who took data. ie - intern, volunteer etc.)

Replica 1: Name (volunteer who took the data): Tami, intern															
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N	0	20		0	52		0	38		0	30		0	140	
S	7	0		0	0		5	0		8	0		20	0	
E	4	0		4	0		7	0		8	0		23	0	
W	0	22		0	43		0	25		0	85		0	175	

Replica 2: Name (volunteer who took the data): Michael, volunteer															
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N	0	18		0	60		0	24		0	43		0	145	
S	8	0		0	0		5	0		8	0		21	0	
E	3	0		4	0		8	0		4	0		19	0	
W	0	20		0	36		0	33		0	75		0	184	

Replica 3: Name (volunteer who took the data):															
	A Quarter			B Quarter			C Quarter			D Quarter			Total		
	T	S	M	T	S	M	T	S	M	T	S	M	T	S	M
N															
S															
E															
W															

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PERCENT COVER (1 x 1 m QUADRAT)

4 samples N,S,E,W: See plot design for sample layout. Each quadrat will be rolled 5 times.

Replica 1: Name (volunteer who took the data): Kevin and Ernest

Sample N (grand total is entered into database) (rows 1-10)	Total
80, (80S, 0T)	80
79 (79S, 0T)	79
28 (28S, 0T)	28
25 (25S, 0T)	25
60 (60S, 0T)	60
Grand Total	272

Replica 1: Name (volunteer who took the data): Kevin and Ernest

Sample S (grand total is entered into database) (rows 1-10)	Total
22 (22S, 0T)	22
8 (8S, 0T)	8
80 (80S, 0T)	80
95 (95S, 0T)	95
90 (90S, 0T)	90
Grand Total	367

Replica 1: Name (volunteer who took the data): Kevin and Ernest

Sample E (grand total is entered into database) (rows 1-10)	Total
90 (90S, 0T)	90
94 (94S, 0T)	94
98 (30S, 68T)	98
99 (0S, 99T)	99
98 (0S, 98T)	98
Grand Total	479

Replica 1: Name (volunteer who took the data): Kevin and Ernest

Sample W (grand total is entered into database) (rows 1-10)	Total
91 (91S, 0T)	91
92 (92S, 0T)	92
93 (93S, 0T)	93
86 (86S, 0T)	86
89 (89S, 0T)	89
Grand Total	451

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Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample N (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample S (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample E (grand total is entered into database) (rows 1-10)	Total
Grand Total	

Replica 2: Name (volunteer who took the data): Kevin and Shelly

Sample W (grand total is entered into database) (rows 1-10)	Total
Grand Total	