Date:01SEP)@   Location:Gilroy's Grass Bed   Sight/Scan Record ID:02-244-SCAN01
(dd-mon-yy)   (yy-julianday-sighting#scan#)

SEAGRASS/HABITAT SAMPLING

Sample ID: 02-244-GLGR   EW Team: 02-9   Data Recorded By: Pam
(yy-julianday-location code)   (yy-team#)

LOCATION DATA

LOC. CODE**:** 49GLGR   WAYPOINT: 325

LOCATION NAME: Gilroy's Grass Bed

    VECTOR TO SAMPLE PLOT: 40m S

    DEPTH AT CENTER OF PLOT: 7m

    DEPTH AT NORTH: 7m SOUTH: 6m   EAST: 11m   WEST: 4m

    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 Braley		5	5	
Terin		5	5	
Terin, Krisan	18			

H20 Temp Surface	H20 Temp Bottom	Salinity Surface	Salinity Bottom	Sea State	Swell Height
29.5	29.6	37	37	2	.5

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

Comments and other description: clayish with sand

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!!!)

<div align="center">

N: yes S: yes E: yes W: yes

</div>

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): _____ Mike _____

	A quarter	B quarter	C quarter	D quarter	Total
N:	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	2 T/ S/ 0 M	2T/ S/ 0M
S:	8 T/ S/ 4 M	6 T/ S/ 0 M	12 T/ S/ 3 M	6 T/ S/ 2 M	34T/ S/ 9M
E:	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	0T/ S/ 0 M
W:	7 T/ S/ 7 M	8 T/ S/ 3 M	11 T/ S/ 2 M	10 T/ S/ 0 M	36 T/ S/112M

Replica 2: Name (volunteer who took the data): _____ Tammy _____

	A quarter	B quarter	C quarter	D quarter	Total
N:	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	2 T/ S/ 0 M	2T/ S/ 0 M
S:	10 T/ S/ 4 M	6 T/ S/ 0 M	13 T/ S/ 4 M	5 T/ S/ 2 M	24T/ S/10 M
E:	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M	0 T/ S/ 0 M
W:	6 T/ S/ 8 M	8 T/ S/ 3 M	10T/ S/ 2 M	8 T/ S/ 8 M	32 T/ S/ 13 M

Replica 3: Name (volunteer who took the data): _____

	A quarter	B quarter	C quarter	D quarter	Total
N:	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
S:	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
E:	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M
W:	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M	T/ S/ M

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, Ernest, Krisan

Sample N (grand total is entered into database) (rows 1-10)	Total
16 (9M, 7 T)	16
75 (30M, 45T)	75
70 (30M, 40T)	70
14 (0M, 14T)	14
10 (5M, 5T)	10
Grand Total	185

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

Sample S (grand total is entered into database) (rows 1-10)	Total
98 (3M, 95T)	98
97 (0M, 97T)	97
95 (5M, 90T)	95
97 (4M, 93T)	97
97 (2M, 95T)	97
Grand Total	484

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

Sample E (grand total is entered into database) (rows 1-10)	Total
88 (83M, 5T)	88
0	0
3 (3M, 0T)	3
1 (0M, 1T)	1
0	0
Grand Total	92

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

Sample W (grand total is entered into database) (rows 1-10)	Total
97 (2M, 95T)	97
97 (3M, 94T)	97
100 (1M, 99T)	100
98 (2M, 96T)	98
100 (2M, 98T)	100
Grand Total	492

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(dd-mon-yy)   (yy-julianday-sighting#scan#)

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	