

Benthic Transects

ay

Locations

Site

arth

2

ZONE 2

wq sample

wq sample

wq sample

wq sample

wq sample

wq sample

Legend

- 2014 survey
- Transect Line 2014
- Limited Algae
- Marcoalgae - CB Inventory
- Mixed Seagrass - CB
- Mixed Seagrass and sand CB inventory
- Moving rocks and cobble- 95% uncolonized
- Photoquadrat
- Recipient Site
- Seagrass 30-100%, mixed with algal sp
- control
- corals
- wq sample

900 ft

Quadrats 2014

Transect	Quadrat	Species	Density	Comments
	1	Thalassia	50	
	2	Thalassia	90	
		Halimeda	5	
	3	Thalassia	80	
		Caulerpa	10	
	4	Thalassia	60	
		Caulerpa	20	
		Halimeda	5	
	5	Thalassia	60	Juvenile Conch
		Halimeda	20	
		Avrainvillea	2	
	6	Thalassia	55	
		Udotea	5	
	7	Thalassia	25	
		Dictyota	10	
	8	Halimeda	35	
		Penicillus	3	
		Thalassia	5	
	9	Halimeda	25	
		Thalassia	1	
	10	Halimeda	30	
2	1	Thalassia	85	
		Halimeda	5	
	2	Thalassia	85	
		Caulerpa	5	
	3	Thalassia	95	
	4	Thalassia	100	
	5	Thalassia	25	
		Halimeda	5	
	6	Thalassia	30	
	7	Thalassia	15	
		Halimeda	5	
	8	Caulerpa	25	
		Halimeda	45	
	9	Halimeda	40	
		Penicillis	2	
		Udotea	2	Sea Cucumber
	10	Caulerpa	5	
		Halimeda	3	
		Udotea	2	
3	1	Thalassia	75	
	2	Thalassia	98	
		Udotea	2	
	3	Thalassia	100	
	4	Thalassia	90	
		Halimeda	5	Juvenile Conch

Quadrats 2014

Transect	Quadrat	Species	Density	Comments
	5	Thalassia	15	
		Dictyota	5	
		Halimeda	5	
	6	Thalassia	40	
		Halimeda	10	
	7	Thalassia	30	
		Halimeda	10	
	8	Halimeda	10	
		Thalassia	5	
	9	Halimeda	25	Sea Cucumber
		Dictyota	5	
	10	Halimeda	10	
		Hypnea	3	
		Dictyota	5	
4	1	Uncolonized	100	
	2	Thalassia	45	
		Syringodium	5	
	3	Thalassia	80	
		Halimeda	5	
		Syringodium	3	
	4	Thalassia	75	
		Halimeda	5	
		Syringodium	5	
	5	Thalassia	65	
		Syringodium	10	
		Halimeda	5	
	6	Thalassia	55	
		Syringodium	35	
	7	Thalassia	35	
		Halimeda	3	
	8	Thalassia	20	
	9	Thalassia	5	
		Halimeda	30	
	10	Thalassia	2	
		Halimeda	5	
5	1	Uncolonized	100	
	2	Thalassia	45	
		Syringodium	45	
	3	Thalassia	85	
		Syringodium	10	
	4	Thalassia	90	
		Syringodium	5	
	5	Thalassia	65	
		Syringodium	10	
		Caulerpa	5	
	6	Thalassia	35	

Quadrats 2014

Transect	Quadrat	Species	Density	Comments
		Halimeda	35	
		Penicillus	2	
	7	Thalassia	45	
		Halimeda	25	
	8	Thalassia	45	
		Caulerpa	15	
		Halimeda	15	
	9	Thalassia	50	
		Penicillus	5	
	10	Thalassia	25	
		Halimeda	15	
		Halimeda	35	

Result of Quadrat Analysis 2012

Quadrat	Species	% cover	Substrate	blades/m2
1	Cheatomorpha	60	mud/cobble	
2	Halodule	35	mud	212
	Thalassia	5	mud	
3	Thalassia	100	mud	
4	Thalassia	100	mud	484
5	Thalassia	100	mud	
6	Thalassia	99	mud	
	Syringodium	1	mud	
7	Thalassia	100	mud	
8	Thalassia	100	mud	512
9	Thalassia	95	mud	
10	Thalassia	100	mud	
1	Cheatomorpha	15	mud/cobble	
2	Halodule	40	mud	
3	Thalassia	100	mud	464
4	Thalassia	100	mud	
5	Thalassia	100	mud	
6	Thalassia	100	mud	
7	Thalassia	100	mud	388
8	Thalassia	100	mud	
9	Thalassia	100	mud	
10	Thalassia	100	mud	580
1	Cheatomorpha	45	mud/cobble	
2	Halodule	90	mud	840
	Thalassia	5	mud	
3	Thalassia	100	mud	
4	Thalassia	100	mud	404
5	Thalassia	100	mud	
6	Thalassia	99	mud	
7	Thalassia	100	mud	
8	Thalassia	100	mud	522
9	Thalassia	100	mud	
10	Thalassia	100	mud	380
1	Cheatomorpha	60	mud/cobble	
2	Halodule	35	mud	
	Thalassia	15	mud	77
3	Thalassia	100	mud	
4	Thalassia	100	mud	
5	Thalassia	100	mud	412
6	Thalassia	99	mud	
7	Thalassia	100	mud	
8	Thalassia	99	mud	424
	Syringodium	1	mud	7
9	Thalassia	95	mud	
10	Thalassia	100	mud	448
1		0	mud/cobble	
2	Halodule	10	mud	
	Thalassia	10	mud	
3	Thalassia	100	mud	
4	Thalassia	100	mud	
5	Thalassia	100	mud	420

Result of Quadrat Analysis 2012

6	Thalassia	80 mud	
7	Thalassia	100 mud	438
8	Thalassia	75 mud	
9	Thalassia	100 mud	
10	Thalassia	100 mud	488
1	Cheatomorpha	5 mud/cobble	
2	Halodule	5 mud	
	Thalassia	35 mud	
3	Thalassia	100 mud	388
4	Thalassia	100 mud	
5	Thalassia	80 mud	
6	Thalassia	85 mud	438
7	Thalassia	100 mud	
8	Thalassia	100 mud	
9	Thalassia	90 mud	
10	Thalassia	100 mud	404

