

Number	Phylum	Species	Date	Slide/Press	collector	transect	bag	distance (m)
CS031	Rhodophyta	Laurencia	3/27/2006	s/p	Chelsie Settlemeier			
CS032	Rhodophyta	Asparagopsis taxiformis	27-Mar	s/p	Chelsie Settlemeier			
CS033	Chlorophyta	Bryopsis hypnoides	3/27/2006	s/p	Chelsie Settlemeier			
CS034	Rhodophyta	Galaxaura	27-Mar	s/p	Chelsie Settlemeier			
CS035	Phaeophyta	Dictyota bartayresiana	27-Mar	s/p	Chelsie Settlemeier			
CS036	Chlorophyta	Neomeris vanbosseae	27-Mar	p	Chelsie Settlemeier			
CS038	Chlorophyta	Codium edule	27-Mar	p	Chelsie Settlemeier			
CS039	Chlorophyta	Halimeda discoidea	27-Mar	s/p	Chelsie Settlemeier			
CS040	Chlorophyta	Halimeda opuntia	27-Mar	p	Chelsie Settlemeier			
CS041	Phaeophyta	Dictyota acutiloba	27-Mar	s/p	Chelsie Settlemeier			
CS042	Chlorophyta	Caulerpa serrulata	27-Mar	s/p	Chelsie Settlemeier			
CS043	Phaeophyta	Lobophora variegata	27-Mar	p	Chelsie Settlemeier			
CS045	Chlorophyta	Pseudobryopsis	3/27/2006	s/p	Chelsie Settlemeier			
CS046	Rhodophyta	Chondria	3/27/2006	s/p	Chelsie Settlemeier			
CS047	Chlorophyta	Bornetella sphaerica	28-Mar	p	Chelsie Settlemeier			
CS049	Cyanophyta	Lyngbya majuscula	3/28/2006	s/p	Chelsie Settlemeier			
CS050	Chlorophyta	Pseudobryopsis	29-Mar	p	Chelsie Settlemeier			
CS051	Chlorophyta	Caulerpa webbiana	3/29/2006	s/p	Chelsie Settlemeier			
CS052	Rhodophyta	Galaxaura obtusata	29-Mar	s/p	Chelsie Settlemeier			
CS054	Phaeophyta	Turbinaria ornata	29-Mar	p	Chelsie Settlemeier			
CS055	Rhodophyta	Martensia fragilis	29-Mar	s/p	Chelsie Settlemeier			
CS056	Rhodophyta	Dasya iridescens	30-Mar	p	Chelsie Settlemeier			
CS057	Chlorophyta	Microdictyon	3/30/2006	s/p	Chelsie Settlemeier			
10010	Rhodophyta	red fuzz		p		3	49	360
10011	Rhodophyta	Chondria		p		3	49	350
10012	Rhodophyta	Laurencia parvipapillata		p		3	49	360, 380, 400
10013	Chlorophyta	Microdictyon		p		1 & 3	55 & 49	350
10014	Chlorophyta		28-Mar	p		3	27	
10015	Rhodophyta	Hypnea	28-Mar	p		3	17	90, 250
10016	Rhodophyta	Champia parvula	28-Mar	s		2	4	
10017	Chlorophyta	Caulerpella ambigua	28-Mar	s		2	4	
10018	Rhodophyta	Centroceras clavulatum	28-Mar	s		2	4	
10019	Rhodophyta	Polysiphonia sp. No feet	28-Mar	s		2	4	
10020	Phaeophyta	Distromium flabellatum	28-Mar	s		2	4	
10021	Rhodophyta	Laurencia	28-Mar	s		2	4	
10022	Chlorophyta	siphonous	28-Mar	s		2	4	

10024	Cyanophyta	Lyngbya majuscula	28-Mar	s		2	4		
10023	Rhodophyta	Jania adhaerens	28-Mar	s		2	4		
10025	Rhodophyta	Hypnea pannosa	28-Mar	s		2	4		
10026	Chlorophyta	Ventricaria ventricosa	28-Mar	s		2	4		
10027	Chlorophyta	Cladophora luxurians	28-Mar	s		2	4		
10028	Rhodophyta	Coelothrix irregularis	28-Mar	s	soft,hollow	2	4	med.large cells	
10029	Rhodophyta	Gelidiopsis intricata	28-Mar	s	stiff	2	4	med.cells 10umdense	
10030	Rhodophyta	Spyridia filamentosa	28-Mar	s		3	17		
10031	Phaeophyta	Sphacelaria novaehollandiae	28-Mar	s		3	17		
10032	Chlorophyta	Cladophoropsis membranacea	28-Mar	s		3	17		
10033	Rhodophyta	Jania adhaerens	28-Mar	s		3	17		
10034	Cyanophyta	Lyngbya majuscula	28-Mar	s		3	17		
10035	Rhodophyta	Centroceras clavulatum	28-Mar	s		3	17		
10036	Chlorophyta	Microdictyon setchellianum	28-Mar	s		3	17		
10037	Rhodophyta	Chondria simpliciuscula	28-Mar	s		3	17		
10038	Rhodophyta	Laurencia brachyclados	28-Mar	s		3	17		
10039	Rhodophyta	Asparagopsis taxiformis (F-stage)	28-Mar	s		3	17		
10040	Rhodophyta	Tolypocladia glomerulata	30-Mar	s		4	43		
10041	Rhodophyta	Tolypocladia glomerulata	27-Mar	s			3		
10042	Rhodophyta	Asparagopsis taxiformis (F-stage)	29-Mar	s		4	34		
10043	Rhodophyta	Polysiphonia subtilissima ?	29-Mar	s		4	34		
10044	Rhodophyta	Chondria simpliciuscula	29-Mar	s		4	34		
10045	Rhodophyta	Gelidiella myriocladia?	29-Mar	s		4	34		
10046	Rhodophyta	Gelidiopsis intricata	29-Mar	s		4	34		
10047	Rhodophyta	Jania adhaerens	27-Mar	s			1		
10048	Chlorophyta	Bryopsis hypnoides	27-Mar	s			1		
10049	Rhodophyta	Spyridia filamentosa	27-Mar	s			1		
10050	Rhodophyta	Chondria simpliciuscula	27-Mar	s			1		
10051	Chlorophyta	Cladophora luxurians	27-Mar	s			1		
10052	Rhodophyta	Gelidiopsis intricata	27-Mar	s			1		
10053A	Rhodophyta	Wrangelia elegantissima	27-Mar	s			1		
10053B	Rhodophyta	Wrangelia elegantissima	27-Mar	s			1		
10053C	Rhodophyta	Wrangelia elegantissima	27-Mar	s			1		
10054	Rhodophyta	Ceramium mazatlanense	27-Mar	s			2	10-120	
10055	Rhodophyta	Hypnea pannosa	27-Mar	s			2	10-120	
10056	Chlorophyta	Phyllocladon anatomosans	27-Mar	s			2	10-120	
10057	Rhodophyta	Acanthophora spicifera	27-Mar	s			2	10-120	

10058	Chlorophyta	Caulerpella ambigua	27-Mar	s				2	10-120	
10059	Chlorophyta	Pseudobryopsis?	27-Mar	s				2	10-120	
10060	Rhodophyta	Gelidiella myriocladia?	27-Mar	s				2	10-120	
10061A	Rhodophyta	Chondria simpliciuscula	27-Mar	s				2	10-120	
10061B	Rhodophyta	Chondria simpliciuscula	27-Mar	s				2	10-120	
10062	Rhodophyta	Laurencia majuscula	27-Mar	s		protruding corticals		2	10-120	
10063	Rhodophyta	Chondria simpliciuscula	27-Mar	s				3		
10064	Phaeophyta	Dictyota bartayresiana	27-Mar	s				3		
10065	Rhodophyta	Laurencia majuscula	27-Mar	s				3		
10066	Rhodophyta	Hypnea pannosa	27-Mar	s				3		
10067	Rhodophyta	Taenioma perpussillum	27-Mar	s				3		
10068	Chlorophyta	Caulerpella ambigua	27-Mar	s				3		
10069	Rhodophyta	Laurencia majuscula	27-Mar	s				3		
10070	Rhodophyta	Griffithsia heteromorpha	27-Mar	s				3		
10071	Cyanophyta	Lyngbya majuscula	27-Mar	s				3		
10072	Rhodophyta	Gelidiella myriocladia?	27-Mar	s				3		
10073	Rhodophyta	Coelothrix irregularis	27-Mar	s				3		
10074	Chlorophyta	Bornetella sphaerica	27-Mar	s				3		
10075	Chlorophyta	Rhipodosiphon javensis	28-Mar	s	on rock		2		170m	
10076	Chlorophyta	Acetabularia parvula	28-Mar	2 slides	on rock		2		170m	
10077	Chlorophyta	Acetabularia clavata?	28-Mar	s, lost? Or 1 of 10076	on rock		2		170m	
10078	Chlorophyta	Phyllocladon anatomosans	28-Mar	s	on rock		2		170m	
10079	Rhodophyta	Ceramium flaccidum	29-Mar	s			4	34		
KT 32	Chlorophyta	Codium edule		p	KT Wills					
KT 33	Chlorophyta	Codium arabicum		p	KT Wills					
KT 34	Chlorophyta	Dictyosphaeria cavernosa		p	KT Wills					
KT 35	Chlorophyta	Halimeda discoidea		p	KT Wills					
KT 36	Chlorophyta	Halimeda opuntia		p	KT Wills					
KT 26	Chlorophyta	Boodlea composita		p	KT Wills					
KT 27	Chlorophyta	Bornetella sphaerica		p	KT Wills					
KT 29	Chlorophyta	Caulerpa ?		p	KT Wills					
KT 28	Chlorophyta	Bryopsis hypnoides		p	KT Wills					
KT 31	Chlorophyta	Caulerpa serrulata		p	KT Wills					
KT 30	Chlorophyta	Caulerpa ?		p	KT Wills					
KT 37	Chlorophyta	Microdictyon setchellianum		p	KT Wills					
KT 38	Chlorophyta	Neomeris annulata		p	KT Wills					
KT 39	Chlorophyta	Neomeris vanbosseae		p	KT Wills					

KT 40	Chlorophyta	Ventricaria ventricosa		p	KT Wills			
KT 55	Chlorophyta	Valonia		p	KT Wills			
KT 54	Chlorophyta	Cladophora		p	KT Wills			
KT 41	Phaeophyta	Dictyota acutiloba		p	KT Wills			
KT 42	Phaeophyta	Dictyota bartayresiana		p	KT Wills			
KT 43	Phaeophyta	Hydroclathrus clathratus		p	KT Wills			
KT 52	Phaeophyta	Padina		p	KT Wills			
KT 44	Rhodophyta	Asparagopsis taxiformis		p	KT Wills			
KT 45	Rhodophyta	Galaxaura filamentosa?		p	KT Wills			
KT 47	Rhodophyta	Laurencia		p	KT Wills			
KT 48	Rhodophyta	Laurencia majuscula		p	KT Wills			
KT 49	Rhodophyta	Amansia glomerata		p	KT Wills			
KT 50	Rhodophyta	Neomartensia?		p	KT Wills			
KT 51	Cyanophyta	Lyngbya majuscula		p	KT Wills			
10080	Chlorophyta	Caulerpella ambigua	27-Mar	s		random	4	
10081	Rhodophyta	Gelidiopsis intricata	27-Mar	s		random	4	
10082	Rhodophyta	Jania adhaerens	27-Mar	s		random	4	
10083	Rhodophyta	Centroceras clavulatum	27-Mar	s		random	4	
10084	Chlorophyta	siphonous	27-Mar	s		random	4	
10085	Chlorophyta	siphonous	27-Mar	s		random	4	
10086A	Rhodophyta	Chondria simpliciuscula	28-Mar	s		2	21	
10086B	Rhodophyta	Chondria simpliciuscula	28-Mar	s		2	21	
10086C	Rhodophyta	Chondria simpliciuscula	28-Mar	s	tetraspore	2	21	
10087	Rhodophyta	Spyridia filamentosa	28-Mar	s		2	21	
10088	Rhodophyta	Champia parvula	28-Mar	s		2	21	
10089	Rhodophyta	Hypnea pannosa	28-Mar	s		2	21	
10090	Rhodophyta	Laurencia	28-Mar	s		2	21	
10091	Chlorophyta	Boodlea composita	28-Mar	s		2	21	
10092	Chlorophyta	Microdictyon setchellianum	28-Mar	s, lost?	Same as s 10036	2	21	
10093	Rhodophyta	Anotrichium tenue	28-Mar	s		2	21	
10094	Chlorophyta	Cladophoropsis membranacea	28-Mar	s		2	21	
10095	Rhodophyta	Acanthophora spicifera	28-Mar	s		2	25	
10096	Rhodophyta	Laurencia	28-Mar	s		2	25	
10097	Chlorophyta	Rhipodosiphon javensis	28-Mar	s		2	25	
10098	Rhodophyta	Spyridia filamentosa	28-Mar	s		2	25	
10099A	Chlorophyta	Bornetella sphaerica	28-Mar	s		2	25	
10099B	Chlorophyta	Bornetella sphaerica	28-Mar	s		2	25	

10100	Chlorophyta	Cladophora luxurians	28-Mar	s		2	25	
10101	Phaeophyta	Dictyota acutiloba	28-Mar	s		2	25	
10102	Phaeophyta	Padina	28-Mar	s		2	25	
10103	Rhodophyta	Anotrichium tenue	28-Mar	s		2	25	
10104	Rhodophyta	Wrangelia dumontii?	28-Mar	s		2	25	
10105	Rhodophyta	Asparagopsis taxiformis (F-stage)	27-Mar	s		reef crest	13	
10106	Rhodophyta	Hypnea pannosa	27-Mar	s		reef crest	13	
10107	Rhodophyta	Laurencia	27-Mar	s		reef crest	13	
10108	Rhodophyta	Martensia fragilis	27-Mar	s		reef crest	13	
10109	Rhodophyta	Jania adhaerens	27-Mar	s		reef crest	13	
10110	Chlorophyta	Boodlea composita	27-Mar	s		reef crest	13	
10111	Chlorophyta	siphonous	27-Mar	s		reef crest	13	
10112	Rhodophyta	corticated axis & branchlets, uniaxial	27-Mar	s	no peri's	reef crest	13	
10113	Rhodophyta	Dasya kristeniae?	27-Mar	s		reef crest	13	
10114	Phaeophyta	Sphacelaria novaehollandiae	27-Mar	s		epiturtle	7	
10115	Rhodophyta	Ceramium	27-Mar	s		epiturtle	7	
10116	Rhodophyta	Chondria simpliciuscula	28-Mar	s	tetraspore	2	12	
10117	Phaeophyta	Distromium flabellatum	28-Mar	s		2	12	
10118	Phaeophyta	Dictyota bartayresiana	28-Mar	s		2	12	
10119	Rhodophyta	Acanthophora spicifera	28-Mar	s	trichoblast	2	12	
10120	Rhodophyta	Hypnea pannosa	28-Mar	s		2	12	
10121	Chlorophyta	Halimeda discoidea	28-Mar	s		2	12	
10122	Rhodophyta	Monosporus indica	28-Mar	s	monospore	2	12	
10123	Rhodophyta	Anotrichium tenue	28-Mar	s		2	12	
10124	Cyanophyta	Lyngbya majuscula	27-Mar	s		3	27	
10125	Rhodophyta	Hypnea pannosa	27-Mar	s	tetraspore	3	27	
10126	Chlorophyta	Chlorodesmis caespitosa	27-Mar	s		3	27	
10127	Chlorophyta	Microdictyon setchellianum	27-Mar	s		3	27	
10128	Rhodophyta	Griffithsia	27-Mar	s		3	27	
10129	Rhodophyta	Acanthophora spicifera	27-Mar	s		3	27	
10130	Rhodophyta	Liagora?	27-Mar	s		3	27	
10131	Rhodophyta	Laurencia	27-Mar	s		3	27	
10132	Rhodophyta	Tolypocladia glomerulata	27-Mar	s		3	27	
10133	Chlorophyta	Boodlea composita	27-Mar	s		3	27	
10134	Rhodophyta	Ptilothamnion cladophorae? Lejolise	27-Mar	s		3	27	
10135	Rhodophyta	Ceramium	27-Mar	s		3	27	
10136	Chlorophyta	Codium		s	turtle lavaç	2 voucher1A04		

10137	Rhodophyta	Amansia glomerata		s	turtle lavaç	2	voucher1A04		
10138	Rhodophyta	corticated filaments		s	turtle lavaç	2	voucher1A04		
10139	Chlorophyta	Neomeris vanbosseae		s	turtle lavaç	2	voucher11838		
10140	Rhodophyta	Pterocliadiella		s	turtle lavaç	2	voucher11838		
10141	Rhodophyta	Gelidiopsis		s	turtle lavaç	2	voucher11838		
10142	Phaeophyta	Distromium flabellatum		s	turtle lavaç	2	voucher11830		
10143	Chlorophyta	Dictyosphaeria cavernosa		s	turtle lavaç	2	voucher11830		
10144	Rhodophyta	Hypnea		s	turtle lavaç	2	voucher11830		
10145	Rhodophyta	Gracilaria		s	turtle lavaç	2	voucher11830		
10146	Chlorophyta	Cladophora		s	turtle lavaç	2	voucher11830		
10147	Chlorophyta	Rhipodosiphon javensis	28-Mar	s					
10148	Chlorophyta	Acetabularia parvula	28-Mar	s					
10149	Chlorophyta	Caulerpella ambigua	28-Mar	s	reproductive?				
10150	Chlorophyta	Dictyosphaeria ?	28-Mar	s					
10151	Rhodophyta	Pterocliadiella capillacea	28-Mar	s	in turtle mouth		Federation Camp		
10152	Rhodophyta	Gelidiopsis ?	27-Mar	s	turtle lavage		voucher11909		
10153	Rhodophyta	Laurencia	28-Mar	s	protruding	2	20		
10154	Rhodophyta	Stylonema alsidii	28-Mar	s		2	20		
10155	Rhodophyta	Gelidiopsis ?	28-Mar	s		2	20		
10156	Phaeophyta	Dictyota bartayresiana	28-Mar	s		2	20		
10157	Chlorophyta	Cladophora luxurians	28-Mar	s		2	20		
10158	Rhodophyta	Acanthophora spicifera	28-Mar	s		2	20		
10159	Rhodophyta	Liagora?	28-Mar	s		2	20		
10160	Rhodophyta	Amphiroa valonioides	27-Mar	s			15		
10161	Rhodophyta	Spyridia filamentosa	27-Mar	s			15		
10162	Rhodophyta	Amansia glomerata	27-Mar	s			15		
10163	Rhodophyta	Tolypiocladia glomerulata	27-Mar	s			15		
10164	Rhodophyta	Centroceras clavulatum	27-Mar	s			15		
10165	Phaeophyta	Padina	27-Mar	s			15		
10166	Rhodophyta	Anotrichium	27-Mar	s			15		
10167	Rhodophyta	Herposiphonia delicatula ?	27-Mar	s			15		
10168	Rhodophyta	Gelidiella	27-Mar	s			15		
10169	Rhodophyta	Hypnea pannosa	27-Mar	s			6		
10170	Chlorophyta	Bryopsis hypnoides	27-Mar	s			6		
10171A	Rhodophyta	Wrangelia elegantissima	27-Mar	s	tetraspores		6		
10171B	Rhodophyta	Wrangelia elegantissima	27-Mar	s	tetraspores		6		
10172	Chlorophyta	Cladophora w/secund branching	27-Mar	s			6		

10173	Chlorophyta	Caulerpella ambigua	27-Mar	s				6	
10174	Rhodophyta	Polysiphonia sp.	27-Mar	s		cystocarps		6	
10175	Rhodophyta	Ceramiales ?	27-Mar	s				6	
10176	Rhodophyta	Ceramium mazatlanense	27-Mar	s				6	
10177	Rhodophyta	Stylonema alsidii	27-Mar	s,on 10176				6	
10178	Rhodophyta	Chondria simpliciuscula	27-Mar	s				25	
10179	Rhodophyta	Laurencia	27-Mar	s				25	
10180	Rhodophyta	Spyridia filamentosa	29-Mar	s		Balazs thought Hypne	on beach		
10240	Chlorophyta	Halimeda opuntia	27-Mar	p					
10241	Chlorophyta	Halimeda discoidea	27-Mar	p					
10242	Chlorophyta	Halimeda discoidea	27-Mar	p					
10243	Rhodophyta	Amansia glomerata	27-Mar	p					
10244	Phaeophyta	Dictyosphaeria cavernosa	27-Mar	p					
10245	Phaeophyta	Sargassum	27-Mar	p					
10246	Phaeophyta	Turbinaria ornata	27-Mar	p					
10247	Phaeophyta	Padina	27-Mar	p					
10248	Rhodophyta	Laurencia	27-Mar	p					
10249	Rhodophyta	Acanthophora spicifera	27-Mar	p					
10250	Rhodophyta	Laurencia parvipapillata	27-Mar	p					
10251	Rhodophyta	Galaxaura rugosa	27-Mar	p			1	15	
10252	Rhodophyta	Galaxaura marginata	27-Mar	p					
10253	Rhodophyta	Galaxaura	27-Mar	p					
10254	Chlorophyta	Halimeda opuntia	27-Mar	p					
10255	Chlorophyta	Halimeda discoidea	27-Mar	p					
10256	Chlorophyta	Halimeda	27-Mar	p					
10257	Rhodophyta	Laurencia	27-Mar	p					
10258	Rhodophyta	Jania	27-Mar	p					
10259	Rhodophyta	Chondria simpliciuscula	27-Mar	p					
10260	Rhodophyta	Wrangelia elegantissima	27-Mar	p					
10261	Chlorophyta	Bryopsis	27-Mar	p					
10262	Rhodophyta	Spyridia filamentosa	27-Mar	p					
10263	Phaeophyta	Sphacelaria	27-Mar	p			1	55	
10264	Chlorophyta	Asparagopsis taxiformis	27-Mar	p		reef crest		33	
10265	Rhodophyta	Martensia	27-Mar	p					
10266	Chlorophyta	Boodleia composita	27-Mar	p					
10267	Chlorophyta	Neomeris annulata	27-Mar	p					
10268	Chlorophyta	Neomeris vanbosseae	27-Mar	p		reef crest		13	

10269	Rhodophyta	Hypnea	27-Mar	p					
10270	Phaeophyta	Dictyota bartayresiana	27-Mar	p					
10271	Chlorophyta	Caulerpa serrulata	27-Mar	p					
10272	Chlorophyta	Caulerpa raamosa	27-Mar	p					
10273	Rhodophyta	Dasya iridescens	27-Mar	p					
10274	Rhodophyta	Gracilaria	27-Mar	p					
10275	Phaeophyta	Hydroclathrus clathratus	27-Mar	p					
10276	Rhodophyta	Liagora	27-Mar	p					
10277	Chlorophyta	Cladophora	27-Mar	p					
10278	Chlorophyta	Cladophora	27-Mar	p					
10279	Chlorophyta	Ventricaria ventricosa	27-Mar	p					
10280	Chlorophyta	Codium	27-Mar	p					
10281	Chlorophyta	Codium edule?	27-Mar	p					
10282	Chlorophyta	Derbesia fastigiata	27-Mar	p					
10283	Phaeophyta	Lobophora veriegata	27-Mar	p					
10284	Phaeophyta	Dictyota acutiloba	27-Mar	p					
10285	Rhodophyta	Hypnea spinella	28-Mar	p					
10286	Rhodophyta	Gelidiopsis varibalis	28-Mar	p					
10287	Rhodophyta	Griffithsia heteromorpha	28-Mar	p					
10288	Chlorophyta	Microdictyon umbilicatum	28-Mar	p					
10289	Phaeophyta	Lobophora veriegata	28-Mar	p					
10290	Phaeophyta	Sargassum	28-Mar	p					
10291	Chlorophyta	Asparagopsis taxiformis	28-Mar	p					
10292	Rhodophyta	Chondria simpliciuscula	28-Mar	p					
10293	Chlorophyta	unknown, random	29-Mar	p				65	
10294	Chlorophyta	Valonia	29-Mar	p					
10295	Rhodophyta	Laurencia	29-Mar	p					
10296	Rhodophyta	Martensia	29-Mar	p					
10297	Chlorophyta	Caulerpa	29-Mar	p					
10298	Chlorophyta	Neomeris vanbosseae	29-Mar	p					
10299	Chlorophyta	Codium	29-Mar	p					
10300		unknown	29-Mar	p					
10301		unknown	29-Mar	p			4	42	
10302		unknown	29-Mar	p			4	43	
10303	Chlorophyta	Codium arabicum	29-Mar	p/s				isotope voucher	
10304	Rhodophyta	Jania verrucosa	29-Mar	p/s				isotope voucher	
10305	Chlorophyta	Chlorodesmis caespitosa	29-Mar	p/s				isotope voucher	

10306	Phaeophyta	<i>Padina gymnospora</i>	29-Mar	p/s		isotope voucher		
10307	Rhodophyta	<i>Laurencia majuscula</i>	29-Mar	p/s		isotope voucher		
10308	Rhodophyta	<i>Galaxaura obtusata</i>	29-Mar	p/s		isotope voucher		

Number	Phylum	Species	Date	Slide/Pres	collector	transect	bag	distance (m)
10077	Chlorophy	Acetabularia clavata?	28-Mar	s, lost?	Or 1 of 10076	on rock 2		170m
10076	Chlorophy	Acetabularia parvula	28-Mar	2 slides	on rock		2	170m
10148	Chlorophy	Acetabularia parvula	28-Mar	s				
KT 26	Chlorophy	Boodlea composita		p	KT Wills			
10091	Chlorophy	Boodlea composita	28-Mar	s			2	21
10110	Chlorophy	Boodlea composita	27-Mar	s		reef crest		13
10133	Chlorophy	Boodlea composita	27-Mar	s			3	27
10266	Chlorophy	Boodlea composita	27-Mar	p				
CS047	Chlorophy	Bornetella sphaerica	28-Mar	p	Chelsie Settlemeier			
10074	Chlorophy	Bornetella sphaerica	27-Mar	s				3
KT 27	Chlorophy	Bornetella sphaerica		p	KT Wills			
10099A	Chlorophy	Bornetella sphaerica	28-Mar	s			2	25
10099B	Chlorophy	Bornetella sphaerica	28-Mar	s			2	25
10261	Chlorophy	Bryopsis	27-Mar	p				
CS033	Chlorophy	Bryopsis hypnoides	3/27/2006	s/p	Chelsie Settlemeier			
10048	Chlorophy	Bryopsis hypnoides	27-Mar	s				1
KT 28	Chlorophy	Bryopsis hypnoides		p	KT Wills			
10170	Chlorophy	Bryopsis hypnoides	27-Mar	s				6
10297	Chlorophy	Caulerpa	29-Mar	p				
KT 29	Chlorophy	Caulerpa ?		p	KT Wills			
KT 30	Chlorophy	Caulerpa ?		p	KT Wills			
10272	Chlorophy	Caulerpa raamosa	27-Mar	p				
CS042	Chlorophy	Caulerpa serrulata	27-Mar	s/p	Chelsie Settlemeier			
KT 31	Chlorophy	Caulerpa serrulata		p	KT Wills			
10271	Chlorophy	Caulerpa serrulata	27-Mar	p				
CS051	Chlorophy	Caulerpa webbiana	3/29/2006	s/p	Chelsie Settlemeier			
10017	Chlorophy	Caulerpella ambigua	28-Mar	s			2	4
10058	Chlorophy	Caulerpella ambigua	27-Mar	s				2 10-120
10068	Chlorophy	Caulerpella ambigua	27-Mar	s				3
10080	Chlorophy	Caulerpella ambigua	27-Mar	s		random		4
10149	Chlorophy	Caulerpella ambigua	28-Mar	s	reproductive?			
10173	Chlorophy	Caulerpella ambigua	27-Mar	s				6
10126	Chlorophy	Chlorodesmis caespitosa	27-Mar	s			3	27
10305	Chlorophy	Chlorodesmis caespitosa	29-Mar	p/s		isotope voucher		
KT 54	Chlorophy	Cladophora		p	KT Wills			
10146	Chlorophy	Cladophora		s	turtle lavaç		2 voucher	11830

10277	Chlorophy Cladophora	27-Mar	p				
10278	Chlorophy Cladophora	27-Mar	p				
10027	Chlorophy Cladophora luxurians	28-Mar	s		2	4	
10051	Chlorophy Cladophora luxurians	27-Mar	s			1	
10100	Chlorophy Cladophora luxurians	28-Mar	s		2	25	
10157	Chlorophy Cladophora luxurians	28-Mar	s		2	20	
10172	Chlorophy Cladophora w/secund branching	27-Mar	s			6	
10032	Chlorophy Cladophoropsis membranacea	28-Mar	s		3	17	
10094	Chlorophy Cladophoropsis membranacea	28-Mar	s		2	21	
10136	Chlorophy Codium		s	turtle lavaç	2	voucher1A04	
10280	Chlorophy Codium	27-Mar	p				
10299	Chlorophy Codium	29-Mar	p				
KT 33	Chlorophy Codium arabicum		p	KT Wills			
10303	Chlorophy Codium arabicum	29-Mar	p/s			isotope voucher	
CS038	Chlorophy Codium edule	27-Mar	p	Chelsie Settlemeier			
KT 32	Chlorophy Codium edule		p	KT Wills			
10281	Chlorophy Codium edule?	27-Mar	p				
10282	Chlorophy Derbesia fastigiata	27-Mar	p				
10150	Chlorophy Dictyosphaeria ?	28-Mar	s				
KT 34	Chlorophy Dictyosphaeria cavernosa		p	KT Wills			
10143	Chlorophy Dictyosphaeria cavernosa		s	turtle lavaç	2	voucher11830	
10256	Chlorophy Halimeda	27-Mar	p				
CS039	Chlorophy Halimeda discoidea	27-Mar	s/p	Chelsie Settlemeier			
KT 35	Chlorophy Halimeda discoidea		p	KT Wills			
10121	Chlorophy Halimeda discoidea	28-Mar	s		2	12	
10241	Chlorophy Halimeda discoidea	27-Mar	p				
10242	Chlorophy Halimeda discoidea	27-Mar	p				
10255	Chlorophy Halimeda discoidea	27-Mar	p				
CS040	Chlorophy Halimeda opuntia	27-Mar	p	Chelsie Settlemeier			
KT 36	Chlorophy Halimeda opuntia		p	KT Wills			
10240	Chlorophy Halimeda opuntia	27-Mar	p				
10254	Chlorophy Halimeda opuntia	27-Mar	p				
CS057	Chlorophy Microdictyon	3/30/2006	s/p	Chelsie Settlemeier			
10013	Chlorophy Microdictyon		p		1 & 3	55 & 49	350
10036	Chlorophy Microdictyon setchellianum	28-Mar	s		3	17	
KT 37	Chlorophy Microdictyon setchellianum		p	KT Wills			
10092	Chlorophy Microdictyon setchellianum	28-Mar	s, lost?	Same a s 10C	2	21	

	10127	Chlorophy	Microdictyon setchellianum	27-Mar	s		3	27
	10288	Chlorophy	Microdictyon umbilicatum	28-Mar	p			
KT 38		Chlorophy	Neomeris annulata		p	KT Wills		
	10267	Chlorophy	Neomeris annulata	27-Mar	p			
CS036		Chlorophy	Neomeris vanbosseae	27-Mar	p	Chelsie Settlemeier		
KT 39		Chlorophy	Neomeris vanbosseae		p	KT Wills		
	10139	Chlorophy	Neomeris vanbosseae		s	turtle lavaç	2	voucher11838
	10268	Chlorophy	Neomeris vanbosseae	27-Mar	p	reef crest		13
	10298	Chlorophy	Neomeris vanbosseae	29-Mar	p			
	10056	Chlorophy	Phyllodictyon anatomosans	27-Mar	s			2 10-120
	10078	Chlorophy	Phyllodictyon anatomosans	28-Mar	s	on rock	2	170m
CS045		Chlorophy	Pseudobryopsis	3/27/2006	s/p	Chelsie Settlemeier		
CS050		Chlorophy	Pseudobryopsis	29-Mar	p	Chelsie Settlemeier		
	10059	Chlorophy	Pseudobryopsis?	27-Mar	s			2 10-120
	10075	Chlorophy	Rhipodosiphon javensis	28-Mar	s	on rock	2	170m
	10097	Chlorophy	Rhipodosiphon javensis	28-Mar	s		2	25
	10147	Chlorophy	Rhipodosiphon javensis	28-Mar	s			
	10022	Chlorophy	siphonous	28-Mar	s		2	4
	10084	Chlorophy	siphonous	27-Mar	s	random		4
	10085	Chlorophy	siphonous	27-Mar	s	random		4
	10111	Chlorophy	siphonous	27-Mar	s	reef crest		13
	10293	Chlorophy	unknown, random	29-Mar	p			65
KT 55		Chlorophy	Valonia		p	KT Wills		
	10294	Chlorophy	Valonia	29-Mar	p			
	10026	Chlorophy	Ventricaria ventricosa	28-Mar	s		2	4
KT 40		Chlorophy	Ventricaria ventricosa		p	KT Wills		
	10279	Chlorophy	Ventricaria ventricosa	27-Mar	p			
	10014	Chlorophyta		28-Mar	p		3	27
CS049		Cyanophyl	Lyngbya majuscula	3/28/2006	s/p	Chelsie Settlemeier		
	10024	Cyanophyl	Lyngbya majuscula	28-Mar	s		2	4
	10034	Cyanophyl	Lyngbya majuscula	28-Mar	s		3	17
	10071	Cyanophyl	Lyngbya majuscula	27-Mar	s			3
KT 51		Cyanophyl	Lyngbya majuscula		p	KT Wills		
	10124	Cyanophyl	Lyngbya majuscula	27-Mar	s		3	27

10244	Phaeophyl Dictyosphaeria cavernosa	27-Mar	p			
CS041	Phaeophyl Dictyota acutiloba	27-Mar	s/p	Chelsie Settlemeier		
KT 41	Phaeophyl Dictyota acutiloba		p	KT Wills		
10101	Phaeophyl Dictyota acutiloba	28-Mar	s		2	25
10284	Phaeophyl Dictyota acutiloba	27-Mar	p			
CS035	Phaeophyl Dictyota bartayresiana	27-Mar	s/p	Chelsie Settlemeier		
10064	Phaeophyl Dictyota bartayresiana	27-Mar	s			3
KT 42	Phaeophyl Dictyota bartayresiana		p	KT Wills		
10118	Phaeophyl Dictyota bartayresiana	28-Mar	s		2	12
10156	Phaeophyl Dictyota bartayresiana	28-Mar	s		2	20
10270	Phaeophyl Dictyota bartayresiana	27-Mar	p			
10020	Phaeophyl Distromium flabellatum	28-Mar	s		2	4
10117	Phaeophyl Distromium flabellatum	28-Mar	s		2	12
10142	Phaeophyl Distromium flabellatum		s	turtle lavaç	2	voucher11830
KT 43	Phaeophyl Hydroclathrus clathratus		p	KT Wills		
10275	Phaeophyl Hydroclathrus clathratus	27-Mar	p			
CS043	Phaeophyl Lobophora veriegata	27-Mar	p	Chelsie Settlemeier		
10283	Phaeophyl Lobophora veriegata	27-Mar	p			
10289	Phaeophyl Lobophora veriegata	28-Mar	p			
KT 52	Phaeophyl Padina		p	KT Wills		
10102	Phaeophyl Padina	28-Mar	s		2	25
10165	Phaeophyl Padina	27-Mar	s			15
10247	Phaeophyl Padina	27-Mar	p			
10306	Phaeophyl Padina gymnospora	29-Mar	p/s			isotope voucher
10245	Phaeophyl Sargassum	27-Mar	p			
10290	Phaeophyl Sargassum	28-Mar	p			
10263	Phaeophyl Sphacelaria	27-Mar	p		1	55
10031	Phaeophyl Sphacelaria novaehollandiae	28-Mar	s		3	17
10114	Phaeophyl Sphacelaria novaehollandiae	27-Mar	s		epiturtle	7
CS054	Phaeophyl Turbinaria ornata	29-Mar	p	Chelsie Settlemeier		
10246	Phaeophyl Turbinaria ornata	27-Mar	p			
10057	Rhodophy Acanthophora spicifera	27-Mar	s			2 10-120
10095	Rhodophy Acanthophora spicifera	28-Mar	s		2	25
10119	Rhodophy Acanthophora spicifera	28-Mar	s	trichoblast:	2	12

	10129	Rhodophy	Acanthophora spicifera	27-Mar	s		3	27	
	10158	Rhodophy	Acanthophora spicifera	28-Mar	s		2	20	
	10249	Rhodophy	Acanthophora spicifera	27-Mar	p				
KT 49		Rhodophy	Amansia glomerata		p	KT Wills			
	10137	Rhodophy	Amansia glomerata		s	turtle lavaç	2	voucher1A04	
	10162	Rhodophy	Amansia glomerata	27-Mar	s			15	
	10243	Rhodophy	Amansia glomerata	27-Mar	p				
	10160	Rhodophy	Amphiroa valonioides	27-Mar	s			15	
	10166	Rhodophy	Anotrichium	27-Mar	s			15	
	10093	Rhodophy	Anotrichium tenue	28-Mar	s		2	21	
	10103	Rhodophy	Anotrichium tenue	28-Mar	s		2	25	
	10123	Rhodophy	Anotrichium tenue	28-Mar	s		2	12	
KT 44		Rhodophy	Asparagopsis taxiformis		p	KT Wills			
	10042	Rhodophy	Asparagopsis taxiformis (F-stage)	29-Mar	s		4	34	
	10105	Rhodophy	Asparagopsis taxiformis (F-stage)	27-Mar	s	reef crest		13	
CS032		Rhodophy	Asparagopsis taxiformis	27-Mar	s/p	Chelsie Settlemeier			
	10039	Rhodophy	Asparagopsis taxiformis (F-stage)	28-Mar	s		3	17	
	10264	Rhodophy	Asparagopsis taxiformis	27-Mar	p	reef crest		33	
	10291	Rhodophy	Asparagopsis taxiformis	28-Mar	p				
	10018	Rhodophy	Centroceras clavulatum	28-Mar	s		2	4	
	10035	Rhodophy	Centroceras clavulatum	28-Mar	s		3	17	
	10083	Rhodophy	Centroceras clavulatum	27-Mar	s	random		4	
	10164	Rhodophy	Centroceras clavulatum	27-Mar	s			15	
	10175	Rhodophy	Ceramiales ?	27-Mar	s			6	
	10115	Rhodophy	Ceramium	27-Mar	s	epiturtle		7	
	10135	Rhodophy	Ceramium	27-Mar	s		3	27	
	10079	Rhodophy	Ceramium flaccidum	29-Mar	s		4	34	
	10054	Rhodophy	Ceramium mazatlanense	27-Mar	s			2	10-120
	10176	Rhodophy	Ceramium mazatlanense	27-Mar	s			6	
	10016	Rhodophy	Champia parvula	28-Mar	s		2	4	
	10088	Rhodophy	Champia parvula	28-Mar	s		2	21	
CS046		Rhodophy	Chondria	3/27/2006	s/p	Chelsie Settlemeier			
	10011	Rhodophy	Chondria		p		3	49	350
	10037	Rhodophy	Chondria simpliciuscula	28-Mar	s		3	17	
	10044	Rhodophy	Chondria simpliciuscula	29-Mar	s		4	34	
	10050	Rhodophy	Chondria simpliciuscula	27-Mar	s			1	
10061A		Rhodophy	Chondria simpliciuscula	27-Mar	s			2	10-120

10061B	Rhodophy Chondria simpliciuscula	27-Mar	s		2	10-120
10063	Rhodophy Chondria simpliciuscula	27-Mar	s			3
10086A	Rhodophy Chondria simpliciuscula	28-Mar	s		2	21
10086B	Rhodophy Chondria simpliciuscula	28-Mar	s		2	21
10086C	Rhodophy Chondria simpliciuscula	28-Mar	s	tetraspore:	2	21
10116	Rhodophy Chondria simpliciuscula	28-Mar	s	tetraspore:	2	12
10178	Rhodophy Chondria simpliciuscula	27-Mar	s			25
10259	Rhodophy Chondria simpliciuscula	27-Mar	p			
10292	Rhodophy Chondria simpliciuscula	28-Mar	p			
10028	Rhodophy Coelothrix irregularis	28-Mar	s	soft,hollow	2	4 med.large cells
10073	Rhodophy Coelothrix irregularis	27-Mar	s			3
10112	Rhodophy corticated axis &branchlets,uniaxial	27-Mar	s	no peri's reef crest		13
10138	Rhodophy corticated filaments		s	turtle lavaç	2	voucher1A04
CS056	Rhodophy Dasya iridescens	30-Mar	p	Chelsie Settlemeier		
10273	Rhodophy Dasya iridescens	27-Mar	p			
10113	Rhodophy Dasya kristeniae?	27-Mar	s	reef crest		13
10253	Rhodophy Galaxaura	27-Mar	p			
CS034	Rhodophy Galaxaura	27-Mar	s/p	Chelsie Settlemeier		
KT 45	Rhodophy Galaxaura filamentosa?		p	KT Wills		
10252	Rhodophy Galaxaura marginata	27-Mar	p			
CS052	Rhodophy Galaxaura obtusata	29-Mar	s/p	Chelsie Settlemeier		
10308	Rhodophy Galaxaura obtusata	29-Mar	p/s	isotope voucher		
10251	Rhodophy Galaxaura rugosa	27-Mar	p		1	15
10168	Rhodophy Gelidiella	27-Mar	s			15
10045	Rhodophy Gelidiella myriocladia?	29-Mar	s		4	34
10060	Rhodophy Gelidiella myriocladia?	27-Mar	s			2 10-120
10072	Rhodophy Gelidiella myriocladia?	27-Mar	s			3
10141	Rhodophy Gelidiopsis		s	turtle lavaç	2	voucher11838
10155	Rhodophy Gelidiopsis ?	28-Mar	s		2	20
10029	Rhodophy Gelidiopsis intricata	28-Mar	s	stiff	2	4 med.cells 10umdense
10046	Rhodophy Gelidiopsis intricata	29-Mar	s		4	34
10052	Rhodophy Gelidiopsis intricata	27-Mar	s			1
10081	Rhodophy Gelidiopsis intricata	27-Mar	s	random		4
10286	Rhodophy Gelidiopsis varibalis	28-Mar	p			
10152	Rhodophy Gelidiopsis?	27-Mar	s	turtle lavage		voucher11909
10145	Rhodophy Gracilaria		s	turtle lavaç	2	voucher11830
10274	Rhodophy Gracilaria	27-Mar	p			

10128	Rhodophy Griffithsia	27-Mar	s		3	27
10070	Rhodophy Griffithsia heteromorpha	27-Mar	s			3
10287	Rhodophy Griffithsia heteromorpha	28-Mar	p			
10167	Rhodophy Herposiphonia delicatula ?	27-Mar	s			15
10015	Rhodophy Hypnea	28-Mar	p		3	17 90, 250
10144	Rhodophy Hypnea		s	turtle lavaç	2	voucher11830
10269	Rhodophy Hypnea	27-Mar	p			
10025	Rhodophy Hypnea pannosa	28-Mar	s		2	4
10055	Rhodophy Hypnea pannosa	27-Mar	s			2 10-120
10066	Rhodophy Hypnea pannosa	27-Mar	s			3
10089	Rhodophy Hypnea pannosa	28-Mar	s		2	21
10106	Rhodophy Hypnea pannosa	27-Mar	s	reef crest		13
10120	Rhodophy Hypnea pannosa	28-Mar	s		2	12
10125	Rhodophy Hypnea pannosa	27-Mar	s	tetraspore:	3	27
10169	Rhodophy Hypnea pannosa	27-Mar	s			6
10285	Rhodophy Hypnea spinella	28-Mar	p			
10258	Rhodophy Jania	27-Mar	p			
10023	Rhodophy Jania adhaerens	28-Mar	s		2	4
10033	Rhodophy Jania adhaerens	28-Mar	s		3	17
10047	Rhodophy Jania adhaerens	27-Mar	s			1
10082	Rhodophy Jania adhaerens	27-Mar	s	random		4
10109	Rhodophy Jania adhaerens	27-Mar	s	reef crest		13
10304	Rhodophy Jania verrucosa	29-Mar	p/s	isotope voucher		
CS031	Rhodophy Laurencia	3/27/2006	s/p	Chelsie Settlemeier		
10021	Rhodophy Laurencia	28-Mar	s		2	4
KT 47	Rhodophy Laurencia		p	KT Wills		
10090	Rhodophy Laurencia	28-Mar	s		2	21
10096	Rhodophy Laurencia	28-Mar	s		2	25
10107	Rhodophy Laurencia	27-Mar	s	reef crest		13
10131	Rhodophy Laurencia	27-Mar	s		3	27
10179	Rhodophy Laurencia	27-Mar	s			25
10248	Rhodophy Laurencia	27-Mar	p			
10257	Rhodophy Laurencia	27-Mar	p			
10295	Rhodophy Laurencia	29-Mar	p			
10153	Rhodophy Laurencia	28-Mar	s	protruding	2	20
10038	Rhodophy Laurencia brachyclados	28-Mar	s		3	17
10062	Rhodophy Laurencia majuscula	27-Mar	s	protruding corticals		2 10-120

10065	Rhodophy	Laurencia majuscula	27-Mar	s		3	
10069	Rhodophy	Laurencia majuscula	27-Mar	s		3	
KT 48	Rhodophy	Laurencia majuscula		p	KT Wills		
10307	Rhodophy	Laurencia majuscula	29-Mar	p/s	isotope voucher		
10012	Rhodophy	Laurencia parvipapillata		p		3	49 360, 380, 400
10250	Rhodophy	Laurencia parvipapillata	27-Mar	p			
10276	Rhodophy	Liagora	27-Mar	p			
10130	Rhodophy	Liagora?	27-Mar	s		3	27
10159	Rhodophy	Liagora?	28-Mar	s		2	20
10296	Rhodophy	Martensia	29-Mar	p			
10265	Rhodophy	Martensia	27-Mar	p			
CS055	Rhodophy	Martensia fragilis	29-Mar	s/p	Chelsie Settlemeier		
10108	Rhodophy	Martensia fragilis	27-Mar	s	reef crest		13
10122	Rhodophy	Monosporus indica	28-Mar	s	monospori	2	12
KT 50	Rhodophy	Neomartensia?		p	KT Wills		
10174	Rhodophy	Polysiphonia sp.	27-Mar	s	cystocarps		6
10019	Rhodophy	Polysiphonia sp. No feet	28-Mar	s		2	4
10043	Rhodophy	Polysiphonia subtilissima ?	29-Mar	s		4	34
10140	Rhodophy	Pterocladia		s	turtle lavaç	2	voucher11838
10151	Rhodophy	Pterocladia capillacea	28-Mar	s	in turtle mouth		Federation Camp
10134	Rhodophy	Ptilothamnion cladophorae? Lejolisea?	27-Mar	s		3	27
10010	Rhodophy	red fuzz		p		3	49 360
10030	Rhodophy	Spyridia filamentosa	28-Mar	s		3	17
10049	Rhodophy	Spyridia filamentosa	27-Mar	s			1
10087	Rhodophy	Spyridia filamentosa	28-Mar	s		2	21
10098	Rhodophy	Spyridia filamentosa	28-Mar	s		2	25
10161	Rhodophy	Spyridia filamentosa	27-Mar	s			15
10180	Rhodophy	Spyridia filamentosa	29-Mar	s	Balazs thought Hypnè on beach		
10262	Rhodophy	Spyridia filamentosa	27-Mar	p			
10154	Rhodophy	Stylonema alsidii	28-Mar	s		2	20
10177	Rhodophy	Stylonema alsidii	27-Mar	s, on 10176			6
10067	Rhodophy	Taenioma perpussillum	27-Mar	s			3
10040	Rhodophy	Tolypiocladia glomerulata	30-Mar	s		4	43
10041	Rhodophy	Tolypiocladia glomerulata	27-Mar	s			3
10132	Rhodophy	Tolypiocladia glomerulata	27-Mar	s		3	27
10163	Rhodophy	Tolypiocladia glomerulata	27-Mar	s			15
10104	Rhodophy	Wrangelia dumontii?	28-Mar	s		2	25

10053A	Rhodophy	Wrangelia elegantissima	27-Mar	s		1
10053B	Rhodophy	Wrangelia elegantissima	27-Mar	s		1
10053C	Rhodophy	Wrangelia elegantissima	27-Mar	s		1
10171A	Rhodophy	Wrangelia elegantissima	27-Mar	s	tetraspores	6
10171B	Rhodophy	Wrangelia elegantissima	27-Mar	s	tetraspores	6
10260	Rhodophy	Wrangelia elegantissima	27-Mar	p		
10300	unknown		29-Mar	p		
10301	unknown		29-Mar	p	4	42
10302	unknown		29-Mar	p	4	43

Species List

Acetabularia clavata?

Acetabularia parvula

Boodlea composita

Bornetella sphaerica

Bryopsis hypnoides

Bryopsis sp.

Caulerpa ?

Caulerpa racemosa

Caulerpa serrulata

Caulerpa webbiana

Caulerpella ambigua

Chlorodesmis caespitosa

Cladophora

Cladophora luxurians

Cladophora w/secund branching

Cladophoropsis membranacea

Codium

Codium arabicum

Codium edule

Derbesia fastigiata

Dictyosphaeria ?

Dictyosphaeria cavernosa

Halimeda discoidea

Halimeda opuntia

Microdictyon

Microdictyon setchellianum

Microdictyon umbilicatum

Neomeris annulata

Neomeris vanbosseae

Phyllodictyon anatomosans

Pseudobryopsis

Rhipodosiphon javensis

siphonous

siphonous

siphonous

siphonous

Valonia

Valonia aegagrophila

Ventricaria ventricosa

Lyngbya majuscula

Dictyota acutiloba

Dictyota bartayresiana

Distromium flabellatum

Hydroclathrus clathratus

Lobophora variegata

Padina

Sargassum sp.

Sphacelaria novaehollandiae

Turbinaria ornata

Acanthophora spicifera

Amansia glomerata

Amphiroa valonioides
Anotrichium
Anotrichium tenue
Asparagopsis taxiformis
Asparagopsis taxiformis (F-stage)
Centroceras clavulatum
Ceramiales ?
Ceramium
Ceramium flaccidum
Ceramium mazatlanense
Champia parvula
Chondria
Chondria simpliciuscula
crustose coralline
Coelothrix irregularis
corticated axis & branchlets, uniaxial
corticated filaments
Dasya iridescens
Dasya kristeniae?
Galaxaura
Galaxaura filamentosa?
Galaxaura obtusata
Galaxaura marginata
Galaxaura rugosa
Gelidiella
Gelidiella myriocladia?
Gelidiopsis
Gelidiopsis intricata
Gelidiopsis varibalis
Gelidium
Gracilaria
Griffithsia
Griffithsia heteromorpha
Herposiphonia delicatula ?
Hypnea
Hypnea pannosa
Hypnea spinella
Jania adhaerens
Jania verrucosa
Laurencia
Laurencia brachyclados
Laurencia majuscula
Laurencia nidifica
Laurencia parvipapillata
Liagora?
Martensia fragilis
Monosporus indica
Neomartensia?
Polysiphonia sp.
Polysiphonia subtilissima ?
Pteroclatiella
Pteroclatiella capillacea



Ptilothamnion cladophorae? Lejolysea?

Spyridia filamentosa

Stylonema alsidii

Taenioma perpussillum

Tolypocladia glomerulata

Wrangelia dumontii?

Wrangelia elegantissima

110	2	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	2	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	2	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
150	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	2	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	2	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	2	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	2	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	2	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	2	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
220	2	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	2	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
250	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
260	2	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
270	2	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
280	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
290	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
310	2	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
320	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	2	0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.00
340	2	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00
350	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
370	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
380	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
390	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Distance	Transect	ASPI	AGLO	ATAX	BCOM	BSPH	BRUK	BHYP	BRYO
10	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	3	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	3	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	3	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	3	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	3	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	3	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	3	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	3	0.00	0.22	0.00	0.11	0.00	0.00	0.00	0.00

330	4	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
340	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	4	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
360	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
370	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
380	4	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
390	4	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
400	4	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00

0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
0.00	0.44	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.22
0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.56	0.00	0.00
0.00	0.22	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00

0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.22	0.11	0.00	0.11	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00

Distance	Transect #1		Transect #2		Transect #3		Transect #4		Total algal cover (%)			
	Intersect	# Intersect	Total algal cov	Intersect	# Intersects	Total algal co	Intersect	# Intersec	Total algal co	Intersect	# Intersect	
10	Soft sed. <i>Cladophora</i> <i>Hypnea</i>	7 1 1	22.22	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Hypnea</i>	8 1	11.11
20	Soft sed. <i>Acanthophora specifera</i> <i>Hypnea</i> Red flat branch	3 3 2 1	66.67	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Hypnea</i> <i>Ceramium</i> <i>Wrangalia</i>	5 1 2 1	44.44
30	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Hypnea</i>	8 1	11.11
40	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Gelidium</i> <i>Unknown #1</i>	7 1 1	22.22
50	Soft sed. <i>Ceramium</i> <i>Cladophora</i> Mixed turf	4 1 1 3	55.56	Soft sed. <i>A. spic</i> <i>Chondria</i> <i>Cladophora</i> <i>Hypnea</i>	1 2 1 1 4	88.89	Soft sed.	9	0.00	Soft sed. <i>Acanthophora</i>	7 2	22.22
60	Soft sed.	9	0.00	Soft sed. <i>Hypnea</i>	6 3	33.33	Soft sed.	9	0.00	Soft sed. <i>Acanthophora</i> <i>Hypnea</i> <i>Unknown #1</i>	3 1 4 1	66.67
70	Soft sed. <i>Acanthophora & Dictyota</i> <i>Hypnea</i> <i>Turbinaria ornata</i>	4 3 1 1	55.56	Soft sed. <i>A. spic</i> <i>Dictyota (w)</i> <i>Jania</i>	4 2 1 2	55.56	Soft sed.	9	0.00	Soft sed. <i>Laurencia</i>	6 3	33.33
80	Soft sed. <i>Blue/green</i> Mixed turf (<i>Ceramium</i> , <i>Hypnia</i>)	4 1 4	55.56	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Acanthophora</i> <i>Laurencia</i> <i>Seramium</i>	3 4 1 1	66.67
90	Soft sed.	9	0.00	Soft sed.	9	0.00	Soft sed. <i>Acanthophora spicifera</i> <i>Dictyota bartayresiana</i> <i>Gelidium</i> <i>Griffithsia</i> <i>Hypnea</i> <i>Laurencia spp.</i>	1 2 1 2 1 1 1	88.89	Soft sed.	9	0.00
100	Soft sed. <i>Acanthophora</i>	1 2	88.89	Soft sed. <i>Lyngbia</i>	8 1	11.11	Soft sed.	9	0.00	Soft sed. <i>Cladophora</i>	7 1	22.22

	<i>Chondria</i>	2					<i>Laurencia</i>	1				
	<i>Cladophora</i>	1										
	<i>Laurencia</i>	1										
	<i>Laurencia & Hypnea</i>	1										
	<i>Sargassum</i>	1										
110	Soft sed.	7	22.22	Soft sed.	2	77.78	Soft sed.	8	11.11	Soft sed.	5	44.44
	<i>Chondria</i>	1		<i>A. spic</i>	2		<i>Lyngbia majuscula</i>	1		<i>Cladophora</i>	2	
	<i>Cladophora</i>	1		<i>Dictyota (w)</i>	1					<i>Ceramium</i>	2	
				<i>Jania</i>	2							
				<i>L. nidi</i>	1							
				<i>Padina</i>	1							
120	<i>Acanthophora</i>	2	100.00	Soft sed.	1	88.89	Soft sed.	9	0.00	Soft sed.	6	33.33
	<i>Dictyota</i>	1		<i>Chondria</i>	2					<i>Acanthophora</i>	2	
	<i>Halimeda</i>	1		<i>Jania</i>	1					<i>Unknown #1</i>	1	
	<i>Hypnea</i>	1		<i>L.nidi</i>	2							
	<i>Laurencia</i>	3		<i>A. spic</i>	2							
	<i>Laurencia & Microdictyon</i>	1		<i>Dictyota (w)</i>	1							
130	Soft sed.	9	0.00	<i>Griffithsia</i>	1	100.00	Soft sed.	8	11.11	Soft sed.	5	44.44
				<i>Hypnea</i>	3		<i>Acanthophora spicifera</i>	1		<i>Amansia</i>	1	
				<i>Jania</i>	4					<i>Seramium</i>	1	
				<i>Padina</i>	1					<i>Unknown #1</i>	2	
140	Soft sed.	1	88.89	<i>Boodlea</i>	1	100.00	Soft sed.	9	0.00	Soft sed.	2	77.78
	<i>Acanthophora</i>	1		<i>D. cave</i>	1					<i>Acanthophora</i>	2	
	<i>Amansia</i>	1		<i>Jania</i>	3					<i>D. bartayresiana</i>	1	
	<i>Ceramium</i>	3		<i>Lobophora</i>	1					<i>Halimeda discoidea</i>	1	
	<i>Padina</i>	2		<i>Padina</i>	3					<i>Laurencia</i>	1	
	<i>Tolypocladia</i>	1								<i>Unknown #2</i>	2	
150	<i>Acanthophora</i>	2	100.00	<i>Gelidium</i>	1	100.00	Soft sed.	6	33.33	Soft sed.	2	77.78
	<i>Ceramium</i>	2		<i>H. disc</i>	2		<i>Cladophora</i>	1		<i>Acanthophora</i>	4	
	<i>Dictyosphaeria cevernosa</i>	1		<i>Hypnea</i>	1		<i>Gelidium</i>	1		<i>Jania</i>	1	
	<i>Gelidium</i>	1		<i>L. nidi</i>	3		<i>Laurencia spp.</i>	1		<i>Laurencia</i>	2	
	<i>Jania</i>	1		<i>Lobophora</i>	1							
	<i>Laurencia</i>	1		<i>Lyngbia</i>	1							
	<i>Padina</i>	1										
160	Coral	4	0.00	Soft sed.	1	88.89	<i>Acanthophora spicifera</i>	7	100.00	Soft sed.	2	77.78
	Rock	2		<i>A. spic</i>	5		<i>Dictyota bartayresiana</i>	1		<i>Acanthophora</i>	1	
	Soft sed.	3		<i>L.nidi</i>	1		<i>Lyngbia majuscula</i>	1		<i>Cladophora</i>	2	
				<i>H. opun</i>	1					<i>Crustose</i>	1	
				<i>H. disc</i>	1					<i>Jania</i>	1	
										<i>Laurencia</i>	1	
										<i>Unknown #2</i>	1	
170	Soft sed.	6	33.33	<i>A. spic</i>	5	100.00	Soft sed.	2	77.78	Soft sed.	3	66.67

	<i>Hypnea</i>	1		<i>L.nidi</i>	2	<i>Acanthophora spicifera</i>	1	<i>Acanthophora</i>	2	
	<i>Laurencia</i>	2		<i>Lobophora</i>	2	<i>Dictyota acutiloba</i>	1	<i>Bornetella</i>	1	
						<i>Dictyota bartayresiana</i>	1	<i>Dictyosphaeria cavernosa</i>	1	
						<i>Jania spp.</i>	1	<i>Gelidium</i>	1	
						<i>Laurencia spp.</i>	1	<i>Lyngbia</i>	1	
						<i>Lobophora</i>	1			
						<i>Spyridia</i>	1			
180	Soft sed.	3	66.67	Soft sed.	1	88.89 <i>Acanthophora spicifera</i>	1	100.00 Soft sed.	6	33.33
	<i>Acanthophora</i>	1		<i>A. spic</i>	2	<i>Ceramium spp.</i>	1	<i>Gelidium</i>	1	
	<i>Ceramium</i>	2		<i>Hypnea</i>	1	<i>Gelidium</i>	1	<i>Laurencia</i>	2	
	<i>Chondria</i>	2		<i>L. parv</i>	1	<i>Griffithsia</i>	1			
	<i>Laurencia</i>	1		<i>L.nidi</i>	2	<i>Jania spp.</i>	1			
				<i>Lobophora</i>	1	<i>Laurencia spp.</i>	4			
				<i>Padina</i>	1					
190	Soft sed.	4	55.56	<i>A. spic</i>	3	100.00 <i>Acanthophora spicifera</i>	2	100.00 Soft sed.	3	66.67
	<i>Laurencia</i>	5		<i>Ceramium</i>	1	<i>Dicyosphaeria cavernosa</i>	2	<i>Gelidium</i>	1	
				<i>Chondria</i>	1	<i>Gelidium</i>	1	<i>Halimeda discoidea</i>	1	
				<i>H. disc</i>	1	<i>Jania spp.</i>	1	<i>Laurencia</i>	2	
				<i>Jania</i>	1	<i>Lyngbia majuscula</i>	2	<i>Turbinaria ornata</i>	2	
				<i>L.nidi</i>	2	<i>Padina spp.</i>	1			
200	Soft sed.	2	77.78	<i>A. spic</i>	2	100.00 <i>Acanthophora spicifera</i>	5	100.00 Soft sed.	4	55.56
	<i>Ceramium</i>	2		<i>Gelidium</i>	1	<i>Dictyota bartayresiana</i>	1	<i>Acanthophora</i>	2	
	<i>Chondria</i>	1		<i>H. disc</i>	1	<i>Jania spp.</i>	2	<i>Diatom Filaments</i>	1	
	<i>Dictyota (T)</i>	1		<i>L.nidi</i>	1	<i>Laurencia spp.</i>	1	<i>Laurencia</i>	1	
	<i>Lobophora</i>	2		<i>Lobophora</i>	3			<i>Ceramium</i>	1	
	<i>Lyngbya</i>	1		<i>Sargassum</i>	1					
210	Soft sed.	8	11.11	<i>Amansia</i>	1	100.00 <i>Amansia glomerata</i>	2	100.00 <i>Acanthophora</i>	6	33.33
	<i>Laurencia</i>	1		<i>D. cave</i>	1	<i>Boodlea composita</i>	1	<i>Amansia</i>	1	
				<i>Dictyota (w)</i>	3	<i>Ceramium spp.</i>	1	<i>Jania</i>	1	
				<i>H. disc</i>	1	<i>Lobophora</i>	4	<i>Unknown #1</i>	1	
				<i>L.nidi</i>	1	<i>Padina spp.</i>	1			
				<i>Lobophora</i>	2					
220	Soft sed.	6	33.33	<i>A. spic</i>	2	100.00 <i>Crustose (not branching)</i>	1	100.00 Soft sed.	1	88.89
	<i>Chondria</i>	1		<i>Ceramium</i>	1	<i>Dictyota bartayresiana</i>	1	<i>Acanthophora</i>	5	
	<i>Laurencia</i>	2		<i>D. cave</i>	1	<i>Galaxaura rugosa</i>	2	<i>Gelidium</i>	1	
				<i>Dictyota (T)</i>	1	<i>Laurencia spp.</i>	1	<i>Hypnea</i>	2	
				<i>Gelidium</i>	1	<i>Lobophora</i>	2			
				<i>L.nidi</i>	1	<i>Padina spp.</i>	1			
				<i>Microdicyton</i>	1	red fuzz	1			
				<i>unknown 1</i>	1					
230	Soft sed.	3	66.67	<i>G. rugo</i>	1	100.00 <i>Amansia glomerata</i>	1	100.00 <i>Acanthophora</i>	7	100.00
	<i>Acanthophora</i>	2		<i>Jania</i>	1	<i>Galaxaura rugosa</i>	1	<i>Dictyosphaeria cavernosa</i>	1	
	<i>Ceramium</i>	1		<i>L. parv</i>	1	<i>Lobophora</i>	7	<i>Padina</i>	1	

	<i>Halimeda</i>	1	<i>L.nidi</i>	1					
	<i>Laurencia</i>	2	<i>Lobophora</i>	3					
			<i>Padina</i>	2					
240	Soft sed.	2	77.78 <i>A. taxi</i>	1	100.00 <i>Acanthophora spicifera</i>	2	100.00 Soft sed.	1	88.89
	<i>Ceramium</i>	1	<i>Dictyota (w)</i>	2	<i>Dictyota bartayresiana</i>	1	<i>Acanthophora</i>	7	
	<i>Dictyota (w)</i>	4	<i>G. rugo</i>	1	<i>Lobophora</i>	1	<i>Jania</i>	1	
	<i>Gracilaria</i>	1	<i>Gelidium</i>	1	<i>Padina spp.</i>	2			
	<i>Halimeda discoidea</i>	1	<i>H. disc</i>	2	red fuzz	3			
			<i>L.nidi</i>	1					
			unknown 2	1					
250	Soft sed.	2	77.78 <i>Cladophora</i>	1	100.00 <i>Acanthophora spicifera</i>	1	100.00 <i>Acanthophora</i>	1	100.00
	<i>Ceramium</i>	1	<i>D. cave</i>	2	<i>Halimeda opuntia</i>	1	<i>Hypnea</i>	3	
	<i>Dictyosphaeria cevernosa</i>	1	<i>H. disc</i>	1	<i>Hypnea</i>	2	<i>Jania</i>	3	
	<i>Dictyota (w)</i>	1	<i>Lobophora</i>	4	<i>Jania spp.</i>	1	<i>Laurencia</i>	2	
	<i>Galaxaura marginata</i>	1	<i>Sargassum</i>	1	<i>Lobophora</i>	1			
	<i>Galaxaura t</i>	1			<i>Lyngbia majuscula</i>	2			
	<i>Halimeda discoidea</i>	1			<i>Neomeris</i>	1			
	<i>Padina</i>	1							
260	Soft sed.	9	0.00 Soft sed.	2	77.78 Soft sed.	2	77.78 Soft sed.	5	44.44
			<i>A. taxi</i>	1	<i>Ceramium spp.</i>	1	<i>Dictyosphaeria cavernosa</i>	1	
			<i>D. cave</i>	1	<i>Dictyota bartayresiana</i>	1	<i>Lobophora</i>	2	
			<i>L.nidi</i>	1	<i>Dicyosphaeria cavernosa</i>	1	<i>Unknown #1</i>	1	
			<i>Lobophora</i>	3	<i>Laurencia spp.</i>	2			
			<i>Lyngbia</i>	1	<i>Lyngbia majuscula</i>	1			
					red fuzz	1			
270	Soft sed.	7	22.22 Soft sed.	1	88.89 Coral	9	0.00 Soft sed.	1	88.89
	<i>Ceramium</i>	1	<i>A. spic</i>	1			<i>D. bartayresiana</i>	1	
	<i>Dictyota (flat)</i>	1	<i>Hypnea</i>	1			<i>Halimeda opuntia</i>	2	
			<i>D. cave</i>	1			<i>Laurencia</i>	2	
			<i>Griffithsia</i>	1			<i>Lobophora</i>	2	
			<i>H. disc</i>	1			<i>Ceramium</i>	1	
			<i>Padina</i>	2					
			<i>Lobophora</i>	1					
280	Soft sed.	6	33.33 Soft sed.	1	88.89 Coral	1	88.89 Crustose	1	100.00
	<i>Ceramium</i>	1	<i>Dictyota (T)</i>	3	<i>Dicyosphaeria cavernosa</i>	1	<i>Dictyosphaeria cavernosa</i>	1	
	<i>Galaxaura rugosa</i>	2	<i>G. rugo</i>	1	red fuzz	7	<i>Halimeda opuntia</i>	1	
			<i>Gelidium</i>	1			<i>Laurencia</i>	2	
			<i>Hypnea</i>	1			Red Fuzz	4	
			<i>Lyngbia</i>	1					
			<i>Padina</i>	1					
290			<i>Ceramium</i>	1	100.00 Coral	2	77.78 Soft sed.	2	66.67
			<i>Dictyota (T)</i>	3	<i>Crustose (Porolithon)</i>	3	Coral	1	
			<i>L.nidi</i>	1	<i>Dicyosphaeria cavernosa</i>	3	<i>Galaxaura rugosa</i>	5	

			<i>Padina</i>	1	<i>Lobophora</i>	1	<i>Red Fuzz</i>	1	
			<i>Porolithon</i>	1					
			<i>Sargassum</i>	2					
300	Coral	8	11.11 <i>Ceramium</i>	1	100.00 Coral	1	88.89 Soft sed.	2	77.78
	<i>Halimeda discoidia</i>	1	<i>Crustose</i>	1	<i>Dicyosphaeria cavernosa</i>	3	Lobe Coral	2	
			<i>Dictyota (T)</i>	3	red fuzz	5	<i>Halimeda opuntia</i>	2	
			<i>H. disc</i>	1			<i>Red Fuzz</i>	3	
			<i>Jania</i>	2					
			<i>L.nidi</i>	1					
310	brown filamentous tuft	1	100.00 <i>Bournatella</i>	1	100.00 Coral	1	88.89 Lobe Coral	1	88.89
	Crustose coralline	1	<i>Cladophora</i>	2	<i>Crustose (Porolithon)</i>	1	<i>Halimeda opontia</i>	1	
	<i>Dictyosphaeria cavernosa</i>	1	<i>Dictyota (T)</i>	1	<i>Dicyosphaeria cavernosa</i>	7	<i>Red Fuzz</i>	7	
	<i>Dictyota w</i>	2	<i>Dictyota (w)</i>	1					
	<i>Galaxaura rugosa</i>	1	<i>Gelidium</i>	1					
	<i>Laurencia</i>	1	<i>H. disc</i>	2					
	<i>Padina</i>	2	<i>L. parv</i>	1					
320	Rock boring urchin	1	88.89 <i>D. cave</i>	4	100.00 Soft sed.	3	33.33 Lobe Coral	1	88.89
	Crustose coralline	3	<i>Dictyota (l)</i>	5	Coral	3	<i>Halimeda opuntia</i>	1	
	red fuzz	4			<i>Asparagopsis taxiformis</i>	1	<i>Red Fuzz</i>	7	
	<i>Valonia</i>	1			<i>Galaxaura rugosa</i>	1			
					<i>Neomeris</i>	1			
330	Crustose coralline	4	100.00 <i>Amansia</i>	6	100.00 Soft sed.	8	11.11 Coral- <i>P. Lobata</i>	3	66.67
	<i>Dictyota w</i>	2	<i>D. cave</i>	1	<i>Tolyptocladia glomerulata</i>	1	<i>Asparagopsis taxiformis</i>	1	
	<i>Jania</i>	1	<i>Dictyota (l)</i>	2			<i>D. acutiloba</i>	1	
	<i>Padina</i>	1					<i>Halimeda discoidea</i>	1	
	<i>Turbinaria ornata</i>	1					<i>Jania</i>	1	
							<i>Neomeris</i>	1	
							<i>Ceramium</i>	1	
340	Coral	4	55.56 Coral	2	77.78 Coral	2	77.78 <i>Dictyosphaeria cavernosa</i>	2	100.00
	Branching crustose	1	<i>A. taxi</i>	2	<i>Ceramium spp.</i>	2	<i>Jania</i>	2	
	Crustose coralline	1	<i>Ceramium</i>	1	<i>Galaxaura rugosa</i>	1	<i>Ceramium</i>	3	
	<i>Jania</i>	1	<i>Dictyota (l)</i>	4	<i>Halimeda discoidea</i>	3	<i>Unknown Red</i>	2	
	<i>Laurencia</i>	2			<i>Sphacelaria novae-hollandiae</i>	1			
350	<i>Chondria</i>	1	100.00 Coral	1	88.89 <i>Dicyosphaeria cavernosa</i>	1	100.00 Limestone	1	44.44
	<i>Codium</i>	2	<i>D. cave</i>	4	Microdictyon	6	Coral- <i>P. Lobata</i>	4	
	Crustose coralline	3	<i>Dictyota (l)</i>	3	<i>Valonia aegagropila</i>	2	<i>Asparagopsis taxiformis</i>	1	
	<i>Jania</i>	1	<i>H. disc</i>	1			<i>Laurencia parvipapillata</i>	2	
	<i>Laurencia</i>	1					<i>Ceramium</i>	1	
	red fuzz	1							
360	Coral	1	88.89		Coral	1	88.89 Coral	1	88.89
	Crustose	7			<i>Caulerpa webbiana</i>	1	<i>Dictyosphaeria cavernosa</i>	2	
	<i>Lobophora</i>	1			Crustose (not branching)	3	<i>Laurencia</i>	1	

				<i>Dicyosphaeria cavernosa</i>	1	<i>Laurencia parvipapillata</i>	2	
				<i>Laurencia parvipapillata</i>	1	<i>Lobophora</i>	1	
				<i>Laurencia spp.</i>	1	<i>Turbinaria ornata</i>	1	
				red fuzz	1	Unknown Red	1	
370	Coral	5	44.44	Coral	1	88.89 Coral- <i>P. Lobata</i>	1	88.89
	Branching crustose	2		<i>Crustose (Porolithon)</i>	2	<i>D. bartayresiana</i>	2	
	<i>Jania</i>	1		<i>Dasya iridescens</i>	1	<i>Dictyosphaeria cavernosa</i>	1	
	turf algae	1		<i>Dictyota bartayresiana</i>	1	<i>Lobophora</i>	4	
				<i>Hypnea</i>	1	<i>Ceramium</i>	1	
				<i>Jania spp.</i>	1			
				<i>Laurencia spp.</i>	1			
				<i>Turbinaria ornata</i>	1			
380	Branching crustose	1	100.00	Coral	3	66.67 <i>Amansia</i>	1	100.00
	<i>Ceramium (turf)</i>	8		<i>Amansia glomerata</i>	1	<i>Crustose</i>	2	
				<i>Crustose (not branching)</i>	1	<i>Dictyosphaeria cavernosa</i>	5	
				<i>Dicyosphaeria cavernosa</i>	1	<i>Lobophora</i>	1	
				<i>Jania spp.</i>	1			
				<i>Laurencia parvipapillata</i>	1			
				<i>Turbinaria ornata</i>	1			
390	Coral	1	88.89	Coral	4	55.56 Coral- <i>P. Lobata</i>	2	77.78
	<i>Amansia</i>	2		<i>Amansia glomerata</i>	1	<i>Amansia</i>	2	
	<i>Codium</i>	1		<i>Asparagopsis taxiformis</i>	2	<i>Crustose</i>	1	
	<i>Martensia</i>	1		<i>Crustose (not branching)</i>	2	<i>Lyngbia</i>	1	
	Turf	3				<i>Ceramium</i>	3	
	Unknown red	1						
400	Coral	4	55.56	<i>Crustose (Porolithon)</i>	4	100.00 <i>Amensia</i>	3	100.00
	<i>Amansia</i>	1		<i>Laurencia parvipapillata</i>	3	<i>Dictyosphaeria cavernosa</i>	1	
	Crustose Coralline	2		<i>Laurencia spp.</i>	1	<i>Lobophora</i>	2	
	<i>Martensia</i>	1		<i>Valonia aegagropila</i>	1	<i>Ceramium</i>	3	
	<i>T. glomerata</i>	1						

Ventricaria VVEN
Wrangalia WRAN

Distance	Transect	Species	%	Group (A,C,S)	Abundance	Diversity
10	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	CLAD	11.11	A		
	1	HYPN	11.11	A		
20	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	ASPI	11.11	A		
	1	ASPI	11.11	A		
	1	ASPI	11.11	A		
	1	HYPN	11.11	A		
	1	HYPN	11.11	A		
	1	Red flat branch	11.11	A		
30	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
40	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
50	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	CERA	11.11	A		
	1	CLAD	11.11	A		
	1	TURF	11.11	A		
	1	TURF	11.11	A		
	1	TURF	11.11	A		
60	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		
	1	SSED	11.11	S		

	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
70	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	ASPI	11.11	A
	1	ASPI	11.11	A
	1	ASPI	11.11	A
	1	HYPN	11.11	A
	1	TORN	11.11	A
80	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	LMAJ	11.11	A
	1	Mixed turf (Ceramium, Hypnia, C	11.11	A
	1	Mixed turf (Ceramium, Hypnia, C	11.11	A
	1	Mixed turf (Ceramium, Hypnia, C	11.11	A
	1	Mixed turf (Ceramium, Hypnia, C	11.11	A
90	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
100	1	SSED	11.11	S
	1	ASPI	11.11	A
	1	ASPI	11.11	A
	1	CHON	11.11	A
	1	CHON	11.11	A
	1	CLAD	11.11	A
	1	LAUR	11.11	A
	1	HYPN	11.11	A
	1	SARG	11.11	A
110	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CHON	11.11	A
	1	CLAD	11.11	A
120	1	ASPI	11.11	A

	1	ASPI	11.11	A
	1	DBAR	11.11	A
	1	HOPU	11.11	A
	1	HYPN	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
	1	MSET	11.11	A
130	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
140	1	SSED	11.11	S
	1	ASPI	11.11	A
	1	AGLO	11.11	A
	1	CERA	11.11	A
	1	CERA	11.11	A
	1	CERA	11.11	A
	1	PADI	11.11	A
	1	PADI	11.11	A
	1	TGLO	11.11	A
150	1	ASPI	11.11	A
	1	ASPI	11.11	A
	1	CERA	11.11	A
	1	CERA	11.11	A
	1	DCAV	11.11	A
	1	GELI	11.11	A
	1	JANI	11.11	A
	1	LAUR	11.11	A
	1	PADI	11.11	A
160	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
170	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	HYPN	11.11	A
	1	LAUR	11.11	A

	1	LAUR	11.11	A
180	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	ASPI	11.11	A
	1	CERA	11.11	A
	1	CERA	11.11	A
	1	CHON	11.11	A
	1	CHON	11.11	A
	1	LAUR	11.11	A
190	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	LAUR	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
200	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CERA	11.11	A
	1	CERA	11.11	A
	1	CHON	11.11	A
	1	DACU	11.11	A
	1	LVAR	11.11	A
	1	LVAR	11.11	A
	1	LMAJ	11.11	A
210	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	LAUR	11.11	A
220	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CHON	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
230	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	ASPI	11.11	A
	1	ASPI	11.11	A
	1	CERA	11.11	A

	1	HOPU	11.11	A
	1	LAUR	11.11	A
	1	LAUR	11.11	A
240	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CERA	11.11	A
	1	DBAR	11.11	A
	1	DBAR	11.11	A
	1	DBAR	11.11	A
	1	DBAR	11.11	A
	1	GRAC	11.11	A
	1	HDIS	11.11	A
250	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CERA	11.11	A
	1	DCAV	11.11	A
	1	DBAR	11.11	A
	1	GMAR	11.11	A
	1	GOBT	11.11	A
	1	HDIS	11.11	A
	1	PADI	11.11	A
260	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
270	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CERA	11.11	A
	1	DBAR	11.11	A
280	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	SSED	11.11	S
	1	CERA	11.11	A
	1	GRUG	11.11	A
	1	GRUG	11.11	A
290	1			
	1			
	1			
	1			

	1			
	1			
	1			
	1			
	1			
300	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	CORA	11.11	C
	1	HDIS	11.11	A
310	1	BRUK	11.11	A
	1	CCNB	11.11	A
	1	DCAV	11.11	A
	1	DBAR	11.11	A
	1	DBAR	11.11	A
	1	GRUG	11.11	A
	1	LAUR	11.11	A
	1	PADI	11.11	A
	1	PADI	11.11	A
320	1	CCNB	11.11	A
	1	CCNB	11.11	A
	1	CCNB	11.11	A
	1	CCNB	11.11	A
	1	RDUK	11.11	A
	1	RDUK	11.11	A
	1	RDUK	11.11	A
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	4	CERA	11.11	A
120	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S

	4	SSED	11.11	S
	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	Unknown #1	11.11	A
130	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	AGLO	11.11	A
	4	CERA	11.11	A
	4	Unknown #1	11.11	A
	4	Unknown #1	11.11	A
140	4	SSED	11.11	S
	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	DBAR	11.11	A
	4	HDIS	11.11	A
	4	LAUR	11.11	A
	4	Unknown #2(thicker, more bran	11.11	A
	4	Unknown #2	11.11	A
150	4	SSED	11.11	S
	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	JANI	11.11	A
	4	LAUR	11.11	A
	4	LAUR	11.11	A
160	4	SSED	11.11	S
	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	CLAD	11.11	A
	4	CLAD	11.11	A
	4	CCNB	11.11	A
	4	JANI	11.11	A
	4	LAUR	11.11	A
	4	Unknown #2	11.11	A
170	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	BSPH	11.11	A
	4	DCAV	11.11	A
	4	GELI	11.11	A
	4	LMAJ	11.11	A
180	4	SSED	11.11	S

	4	DCAV	11.11	A
	4	PADI	11.11	A
240	4	SSED	11.11	S
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	ASPI	11.11	A
	4	JANI	11.11	A
250	4	ASPI	11.11	A
	4	HYPN	11.11	A
	4	HYPN	11.11	A
	4	HYPN	11.11	A
	4	JANI	11.11	A
	4	JANI	11.11	A
	4	JANI	11.11	A
	4	JANI	11.11	A
	4	LAUR	11.11	A
	4	LAUR	11.11	A
260	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	SSED	11.11	S
	4	DCAV	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	Unknown #1	11.11	A
270	4	SSED	11.11	S
	4	DBAR	11.11	A
	4	HOPU	11.11	A
	4	HOPU	11.11	A
	4	LAUR	11.11	A
	4	LAUR	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	CERA	11.11	A
280	4	CCNB	11.11	A
	4	DCAV	11.11	A
	4	HOPU	11.11	A
	4	LAUR	11.11	A
	4	LAUR	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
290	4	SSED	11.11	S
	4	SSED	11.11	S
	4	CORA	11.11	C
	4	GRUG	11.11	A
	4	GRUG	11.11	A

	4	GRUG	11.11	A
	4	GRUG	11.11	A
	4	GRUG	11.11	A
	4	CFLA	11.11	A
300	4	SSED	11.11	S
	4	SSED	11.11	S
	4	CORA	11.11	C
	4	CORA	11.11	C
	4	HOPU	11.11	A
	4	HOPU	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
310	4	CORA	11.11	C
	4	HOPU	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
320	4	CORA	11.11	C
	4	HOPU	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
	4	CFLA	11.11	A
330	4	CORA	11.11	C
	4	CORA	11.11	C
	4	CORA	11.11	C
	4	ATAX	11.11	A
	4	DACU	11.11	A
	4	HDIS	11.11	A
	4	JANI	11.11	A
	4	NEOM	11.11	A
	4	CERA	11.11	A
340	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	JANI	11.11	A
	4	JANI	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A
	4	Unknown Red	11.11	A
	4	Unknown Red	11.11	A
350	4	CCNB	11.11	A
	4	CORA	11.11	C
	4	CORA	11.11	C

	4	CORA	11.11	C
	4	CORA	11.11	C
	4	ATAX	11.11	A
	4	LPAR	11.11	A
	4	LPAR	11.11	A
	4	CERA	11.11	A
360	4	CORA	11.11	C
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	LAUR	11.11	A
	4	LPAR	11.11	A
	4	LPAR	11.11	A
	4	LVAR	11.11	A
	4	TORN	11.11	A
	4	<i>Unknown Red</i>	11.11	A
370	4	CORA	11.11	C
	4	DBAR	11.11	A
	4	DBAR	11.11	A
	4	DCAV	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	CERA	11.11	A
380	4	AGLO	11.11	A
	4	CCNB	11.11	A
	4	CCNB	11.11	A
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	DCAV	11.11	A
	4	LVAR	11.11	A
390	4	CORA	11.11	C
	4	CORA	11.11	C
	4	AGLO	11.11	A
	4	AGLO	11.11	A
	4	CCNB	11.11	A
	4	LMAJ	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A
400	4	AGLO	11.11	A
	4	AGLO	11.11	A
	4	AGLO	11.11	A
	4	DCAV	11.11	A
	4	LVAR	11.11	A
	4	LVAR	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A
	4	CERA	11.11	A