

Project:

Analysis date:

Dataset name:

Analysis by:

Location:

Lat:

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File/sheetname:

C:\Files\Mycale Project\Transect Data\10-01-04 Coco Is 2 Transects\Transect 1\Transect 1 Summary2.xls:Data summary

TRANSECT NAME	Cocols2Tr1	Cocols2Tr2			
Number of frames	25	25			
Total points	1250	1250			
Total points (minus tape+wand+shadow)	1110	1054			
MAJOR CATEGORY (% of transect)			MEAN	STD. DEV.	STD. ERROR
MACROALGAE	0.09	0.00	0.05	0.06	0.05
CORALLINE ALGAE	0.00	0.00	0.00	0.00	0.00
CORAL	54.77	42.31	48.54	8.81	6.23
MYCALE ARMATA	4.86	4.93	4.90	0.05	0.03
OTHER INVERTEBRATES	1.53	1.23	1.38	0.21	0.15
DEAD CORAL, RUBBLE	14.32	26.76	20.54	8.79	6.22
SUBSTRATUM	24.41	24.76	24.59	0.25	0.17
TAPE, WAND, SHADOW	11.20	15.68	13.44	3.17	2.24
Sum (excluding tape+shadow+wand)	100.00	100.00			
SUBCATEGORIES (% of transect)			MEAN	STD. DEV.	STD. ERROR
<b>MACROALGAE</b>					
Dictyospheria, cavernosa	0.09	0.00	0.05	0.06	0.05
Gracilaria salicornia	0.00	0.00	0.00	0.00	0.00
Kappaphycus sp.	0.00	0.00	0.00	0.00	0.00
Other Macroalgae	0.00	0.00	0.00	0.00	0.00
Turf algae	0.00	0.00	0.00	0.00	0.00
<b>CORALLINE ALGAE</b>					
Coralline algae	0.00	0.00	0.00	0.00	0.00
<b>CORAL</b>					
Bleached Coral	0.00	0.00	0.00	0.00	0.00
Cyphastrea ocellina	0.00	0.00	0.00	0.00	0.00
Fungia scutaria	0.00	0.00	0.00	0.00	0.00
Leptastrea purpurea	0.00	0.00	0.00	0.00	0.00
Montipora capitata	32.34	19.35	25.85	9.18	6.49
Montipora flabellata	0.00	0.00	0.00	0.00	0.00
Montipora patula	0.00	0.00	0.00	0.00	0.00
Pavona varians	0.00	0.00	0.00	0.00	0.00
Pocillopora damicornis	0.00	0.19	0.09	0.13	0.09
Pocillopora meandrina	0.00	0.00	0.00	0.00	0.00

Porites compressa	22.43	22.77	22.60	0.24	0.17		
Porites lobata	0.00	0.00	0.00	0.00	0.00		
Unknown coral	0.00	0.00	0.00	0.00	0.00		
MYCALE ARMATA							
Mycale armata	4.86	4.93	4.90	0.05	0.03		
OTHER INVERTEBRATES							
Echinometra mathaei	0.00	0.00	0.00	0.00	0.00		
Echinothrix diadema	0.00	0.00	0.00	0.00	0.00		
Ophiodesoma	0.00	0.00	0.00	0.00	0.00		
Other Porifera	0.00	0.00	0.00	0.00	0.00		
Palythoa caesia	0.00	0.00	0.00	0.00	0.00		
Sabellastarte	1.53	1.23	1.38	0.21	0.15		
Sarcothelia edmondsoni	0.00	0.00	0.00	0.00	0.00		
Tunicates	0.00	0.00	0.00	0.00	0.00		
Zoanthus sp.	0.00	0.00	0.00	0.00	0.00		
DEAD CORAL, RUBBLE							
Coral Rubble	9.55	5.22	7.38	3.06	2.17		
Dead Coral	4.77	21.54	13.16	11.85	8.38		
SUBSTRATUM							
Limestone Pavement	0.00	0.00	0.00	0.00	0.00		
Sand	0.00	0.00	0.00	0.00	0.00		
Silt	24.41	24.76	24.59	0.25	0.17		
TAPE, WAND, SHADOW							
Frame	1.62	2.28	1.95	0.46	0.33		
Unidentifiable	10.99	16.32	13.65	3.77	2.66		
NOTES (% of transect)			MEAN	STD. DEV.	STD. ERROR		
Coral Growth Anomaly	0.00	0.00	0.00	0.00	0.00		
NOTES (% of coral)							
Coral Growth Anomaly	0.00	0.00	0.00	0.00	0.00		
MAJOR CATEGORY (occurring in transect)			SUMS	MEAN	STD. DEV.	STD. ERROR	SW INDEX
MACROALGAE	1	0	1	0.50	0.71	0.50	0.00
CORALLINE ALGAE	0	0	0	0.00	0.00	0.00	0.00
CORAL	608	446	1054	527.00	114.55	81.00	0.70
MYCALE ARMATA	54	52	106	53.00	1.41	1.00	0.00
OTHER INVERTEBRATES	17	13	30	15.00	2.83	2.00	0.00
DEAD CORAL, RUBBLE	159	282	441	220.50	86.97	61.50	0.66
SUBSTRATUM	271	261	532	266.00	7.07	5.00	0.00
TAPE, WAND, SHADOW	140	196	336	168.00	39.60	28.00	0.38

<b>TOTAL TRANSECT POINTS</b>	<b>1250</b>	<b>1250</b>	<b>2500</b>				
<b>SUBCATEGORIES (occurring in transect)</b>			<b>SUMS</b>	<b>MEAN</b>	<b>STD. DEV.</b>	<b>STD. ERROR</b>	<b>SW INDEX</b>
<b>MACROALGAE</b>							0.00
Dictyospheria, cavernosa	1	0	1	0.50	0.71	0.50	0.00
Gracilaria salicornia	0	0	0	0.00	0.00	0.00	0.00
Kappaphycus sp.	0	0	0	0.00	0.00	0.00	0.00
Other Macroalgae	0	0	0	0.00	0.00	0.00	0.00
Turf algae	0	0	0	0.00	0.00	0.00	0.00
<b>CORALLINE ALGAE</b>							0.00
Coralline algae	0	0	0	0.00	0.00	0.00	0.00
<b>CORAL</b>							0.70
Bleached Coral	0	0	0	0.00	0.00	0.00	0.00
Cyphastrea ocellina	0	0	0	0.00	0.00	0.00	0.00
Fungia scutaria	0	0	0	0.00	0.00	0.00	0.00
Leptastrea purpurea	0	0	0	0.00	0.00	0.00	0.00
Montipora capitata	359	204	563	281.50	109.60	77.50	0.33
Montipora flabellata	0	0	0	0.00	0.00	0.00	0.00
Montipora patula	0	0	0	0.00	0.00	0.00	0.00
Pavona varians	0	0	0	0.00	0.00	0.00	0.00
Pocillopora damicornis	0	2	2	1.00	1.41	1.00	0.01
Pocillopora meandrina	0	0	0	0.00	0.00	0.00	0.00
Porites compressa	249	240	489	244.50	6.36	4.50	0.36
Porites lobata	0	0	0	0.00	0.00	0.00	0.00
Unknown coral	0	0	0	0.00	0.00	0.00	0.00
<b>MYCALE ARMATA</b>							0.00
Mycale armata	54	52	106	53.00	1.41	1.00	0.00
<b>OTHER INVERTEBRATES</b>							0.00
Echinometra mathaei	0	0	0	0.00	0.00	0.00	0.00
Echinothrix diadema	0	0	0	0.00	0.00	0.00	0.00
Ophiodesoma	0	0	0	0.00	0.00	0.00	0.00
Other Porifera	0	0	0	0.00	0.00	0.00	0.00
Palythoa caesia	0	0	0	0.00	0.00	0.00	0.00
Sabellastarte	17	13	30	15.00	2.83	2.00	0.00
Sarcothelia edmondsoni	0	0	0	0.00	0.00	0.00	0.00
Tunicates	0	0	0	0.00	0.00	0.00	0.00
Zoanthus sp.	0	0	0	0.00	0.00	0.00	0.00
<b>DEAD CORAL, RUBBLE</b>							0.66
Coral Rubble	106	55	161	80.50	36.06	25.50	0.37
Dead Coral	53	227	280	140.00	123.04	87.00	0.29

SUBSTRATUM							0.00
Limestone Pavement	0	0	0	0.00	0.00	0.00	0.00
Sand	0	0	0	0.00	0.00	0.00	0.00
Silt	271	261	532	266.00	7.07	5.00	0.00
TAPE, WAND, SHADOW							0.38
Frame	18	24	42	21.00	4.24	3.00	0.26
Unidentifiable	122	172	294	147.00	35.36	25.00	0.12
NOTES (occurring in transect)			SUMS	MEAN	STD. DEV.	STD. ERROR	
Coral Growth Anomaly	0	0	0	0.00	0.00	0.00	
NOTES (occurring in coral)							
Coral Growth Anomaly	0	0	0	0.00	0.00	0.00	
Shannon-Weaver Index	1.17	1.26					
MACROALGAE	0.01	0.00					
CORALLINE ALGAE	0.00	0.00					
CORAL	0.33	0.36					
MYCALE ARMATA	0.15	0.15					
OTHER INVERTEBRATES	0.06	0.05					
DEAD CORAL, RUBBLE	0.28	0.35					
SUBSTRATUM	0.34	0.35					
TAPE, WAND, SHADOW							