

Project:

Dataset name:

Location:

File/sheetname:

Analysis date:

Analysis by:

Lat:

Long:

C:\Files\Mycale Project\Transect Data\05-10-04K Pristine Reef 42\Pristine Summary.xls:Data summary

TRANSECT NAME	PristineTr1	PristineTr2			
Number of frames	25	25			
Total points	1250	1250			
Total points (minus tape+wand+shadow)	1135	1053			
MAJOR CATEGORY (% of transect)			MEAN	STD. DEV.	STD. ERROR
MACROALGAE	1.41	2.18	1.80	0.55	0.39
CORALLINE ALGAE	0.09	0.00	0.04	0.06	0.04
CORAL	93.22	84.52	88.87	6.15	4.35
MYCALE ARMATA	0.00	0.00	0.00	0.00	0.00
OTHER INVERTEBRATES	0.00	0.00	0.00	0.00	0.00
DEAD CORAL, RUBBLE	5.29	13.30	9.29	5.66	4.00
SUBSTRATUM	0.00	0.00	0.00	0.00	0.00
TAPE, WAND, SHADOW	9.20	15.76	12.48	4.64	3.28
Sum (excluding tape+shadow+wand)	100.00	100.00			
SUBCATEGORIES (% of transect)			MEAN	STD. DEV.	STD. ERROR
MACROALGAE					
Dictyospheria, cavernosa	1.23	1.04	1.14	0.13	0.09
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	0.18	1.14	0.66	0.68	0.48
Turf algae	0.00	0.00	0.00	0.00	0.00
CORALLINE ALGAE					
Coralline algae	0.09	0.00	0.04	0.06	0.04
CORAL					
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	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00
Pocillopora meandrina	0.00	0.00	0.00	0.00	0.00

Porites compressa	93.22	84.52	88.87	6.15	4.35		
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	0.00	0.00	0.00	0.00	0.00		
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	0.00	0.00	0.00	0.00	0.00		
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	0.00	0.00	0.00	0.00	0.00		
Dead Coral	5.29	13.30	9.29	5.66	4.00		
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	0.00	0.00	0.00	0.00	0.00		
TAPE, WAND, SHADOW							
Frame	4.14	4.94	4.54	0.56	0.40		
Unidentifiable	5.99	13.77	9.88	5.50	3.89		
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	16	23	39	19.50	4.95	3.50	0.65
CORALLINE ALGAE	1	0	1	0.50	0.71	0.50	0.00
CORAL	1058	890	1948	974.00	118.79	84.00	0.00
MYCALE ARMATA	0	0	0	0.00	0.00	0.00	0.00
OTHER INVERTEBRATES	0	0	0	0.00	0.00	0.00	0.00
DEAD CORAL, RUBBLE	60	140	200	100.00	56.57	40.00	0.00
SUBSTRATUM	0	0	0	0.00	0.00	0.00	0.00
TAPE, WAND, SHADOW	115	197	312	156.00	57.98	41.00	0.62

TOTAL TRANSECT POINTS	1250	1250	2500					
SUBCATEGORIES (occurring in transect)				SUMS	MEAN	STD. DEV.	STD. ERROR	SW INDEX
MACROALGAE								0.65
Dictyospheria, cavernosa	14	11	25	12.50	2.12	1.50		0.29
Gracilaria salicornia	0	0	0	0.00	0.00	0.00	0.00	0.00
Kappaphycus sp.	0	0	0	0.00	0.00	0.00	0.00	0.00
Other Macroalgae	2	12	14	7.00	7.07	5.00		0.37
Turf algae	0	0	0	0.00	0.00	0.00	0.00	0.00
CORALLINE ALGAE								0.00
Coralline algae	1	0	1	0.50	0.71	0.50		0.00
CORAL								0.00
Bleached Coral	0	0	0	0.00	0.00	0.00	0.00	0.00
Cyphastrea ocellina	0	0	0	0.00	0.00	0.00	0.00	0.00
Fungia scutaria	0	0	0	0.00	0.00	0.00	0.00	0.00
Leptastrea purpurea	0	0	0	0.00	0.00	0.00	0.00	0.00
Montipora capitata	0	0	0	0.00	0.00	0.00	0.00	0.00
Montipora flabellata	0	0	0	0.00	0.00	0.00	0.00	0.00
Montipora patula	0	0	0	0.00	0.00	0.00	0.00	0.00
Pavona varians	0	0	0	0.00	0.00	0.00	0.00	0.00
Pocillopora damicornis	0	0	0	0.00	0.00	0.00	0.00	0.00
Pocillopora meandrina	0	0	0	0.00	0.00	0.00	0.00	0.00
Porites compressa	1058	890	1948	974.00	118.79	84.00		0.00
Porites lobata	0	0	0	0.00	0.00	0.00	0.00	0.00
Unknown coral	0	0	0	0.00	0.00	0.00	0.00	0.00
MYCALE ARMATA								0.00
Mycale armata	0	0	0	0.00	0.00	0.00	0.00	0.00
OTHER INVERTEBRATES								0.00
Echinometra mathaei	0	0	0	0.00	0.00	0.00	0.00	0.00
Echinothrix diadema	0	0	0	0.00	0.00	0.00	0.00	0.00
Ophiodesoma	0	0	0	0.00	0.00	0.00	0.00	0.00
Other Porifera	0	0	0	0.00	0.00	0.00	0.00	0.00
Palythoa caesia	0	0	0	0.00	0.00	0.00	0.00	0.00
Sabellastarte	0	0	0	0.00	0.00	0.00	0.00	0.00
Sarcothelia edmondsoni	0	0	0	0.00	0.00	0.00	0.00	0.00
Tunicates	0	0	0	0.00	0.00	0.00	0.00	0.00
Zoanthus sp.	0	0	0	0.00	0.00	0.00	0.00	0.00
DEAD CORAL, RUBBLE								0.00
Coral Rubble	0	0	0	0.00	0.00	0.00	0.00	0.00
Dead Coral	60	140	200	100.00	56.57	40.00		0.00

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	0	0	0	0.00	0.00	0.00	0.00
TAPE, WAND, SHADOW							0.62
Frame	47	52	99	49.50	3.54	2.50	0.36
Unidentifiable	68	145	213	106.50	54.45	38.50	0.26
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	0.29	0.49					
MACROALGAE	0.06	0.08					
CORALLINE ALGAE	0.01	0.00					
CORAL	0.07	0.14					
MYCALE ARMATA	0.00	0.00					
OTHER INVERTEBRATES	0.00	0.00					
DEAD CORAL, RUBBLE	0.16	0.27					
SUBSTRATUM	0.00	0.00					
TAPE, WAND, SHADOW							