

Project:

Dataset name:

Location:

File/sheetname:

Analysis date:

Analysis by:

Lat:

Long:

C:\Files\Mycale Project\Transect Data\12-15-04 HIMB Dock Transects\Transects Summary.xls:Data summary

TRANSECT NAME	HIMBDockTr1	HIMBDockTr2			
Number of frames	25	25			
Total points	1250	1250			
Total points (minus tape+wand+shadow)	1082	1125			
MAJOR CATEGORY (% of transect)			MEAN	STD. DEV.	STD. ERROR
MACROALGAE	0.00	0.00	0.00	0.00	0.00
CORALLINE ALGAE	0.00	0.00	0.00	0.00	0.00
CORAL	47.32	52.00	49.66	3.31	2.34
MYCALE ARMATA	2.40	6.84	4.62	3.14	2.22
OTHER INVERTEBRATES	0.92	0.62	0.77	0.21	0.15
DEAD CORAL, RUBBLE	33.64	22.84	28.24	7.63	5.40
SUBSTRATUM	15.71	17.69	16.70	1.40	0.99
TAPE, WAND, SHADOW	13.44	10.00	11.72	2.43	1.72
Sum (excluding tape+shadow+wand)	100.00	100.00			
SUBCATEGORIES (% of transect)			MEAN	STD. DEV.	STD. ERROR
MACROALGAE					
Dictyospheria, cavernosa	0.00	0.00	0.00	0.00	0.00
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
CORALLINE ALGAE					
Coralline algae	0.00	0.00	0.00	0.00	0.00
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	38.63	39.82	39.23	0.84	0.60
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	8.69	12.18	10.43	2.47	1.75
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	2.40	6.84	4.62	3.14	2.22
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	0.09	0.04	0.06	0.04
Other Porifera	0.00	0.09	0.04	0.06	0.04
Palythoa caesia	0.00	0.00	0.00	0.00	0.00
Sabellastarte	0.92	0.44	0.68	0.34	0.24
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	23.01	18.04	20.53	3.51	2.48

Dead Coral	10.63	4.80	7.71	4.12	2.91		
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	15.71	17.69	16.70	1.40	0.99		
TAPE, WAND, SHADOW							
Frame	1.48	1.60	1.54	0.09	0.06		
Unidentifiable	14.05	9.51	11.78	3.21	2.27		
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)							
MACROALGAE	0	0	0	0.00	0.00	0.00	0.00
CORALLINE ALGAE	0	0	0	0.00	0.00	0.00	0.00
CORAL	512	585	1097	548.50	51.62	36.50	0.51
MYCALE ARMATA	26	77	103	51.50	36.06	25.50	0.00
OTHER INVERTEBRATES	10	7	17	8.50	2.12	1.50	0.44
DEAD CORAL, RUBBLE	364	257	621	310.50	75.66	53.50	0.59
SUBSTRATUM	170	199	369	184.50	20.51	14.50	0.00
TAPE, WAND, SHADOW	168	125	293	146.50	30.41	21.50	0.36
TOTAL TRANSECT POINTS	1250	1250	2500				
SUBCATEGORIES (occurring in transect)							
							SW INDEX
MACROALGAE							0.00
Dictyospheria, cavernosa	0	0	0	0.00	0.00	0.00	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
CORALLINE ALGAE							0.00
Coralline algae	0	0	0	0.00	0.00	0.00	0.00
CORAL							0.51
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	418	448	866	433.00	21.21	15.00	0.19
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	0	0	0.00	0.00	0.00	0.00
Pocillopora meandrina	0	0	0	0.00	0.00	0.00	0.00
Porites compressa	94	137	231	115.50	30.41	21.50	0.33
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
MYCALE ARMATA							0.00
Myscale armata	26	77	103	51.50	36.06	25.50	0.00
OTHER INVERTEBRATES							0.44
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	1	1	0.50	0.71	0.50	0.17
Other Porifera	0	1	1	0.50	0.71	0.50	0.17
Palythoa caesia	0	0	0	0.00	0.00	0.00	0.00
Sabellastarte	10	5	15	7.50	3.54	2.50	0.11
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
DEAD CORAL, RUBBLE							0.59
Coral Rubble	249	203	452	226.00	32.53	23.00	0.23
Dead Coral	115	54	169	84.50	43.13	30.50	0.35
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	170	199	369	184.50	20.51	14.50	0.00
TAPE, WAND, SHADOW							0.36
Frame	16	18	34	17.00	1.41	1.00	0.25
Unidentifiable	152	107	259	129.50	31.82	22.50	0.11
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	1.14	1.20					
MACROALGAE	0.00	0.00					
CORALLINE ALGAE	0.00	0.00					
CORAL	0.35	0.34					
MYCALE ARMATA	0.09	0.18					
OTHER INVERTEBRATES	0.04	0.03					
DEAD CORAL, RUBBLE	0.37	0.34					
SUBSTRATUM	0.29	0.31					
TAPE, WAND, SHADOW							