MARINE MANAGMENT SUPPORT
NINGALOO

NINGALOO MARINE PARK MONITORING PROGRAM:
RE-SURVEY OF MONITORING SITES IN BENTHIC COMMUNITIES IN BILLS BAY, IMPACTED BY THE 1989 CORAL SPAWNING EVENT, IN MAY 2000

Data Report: MMS/NIN/NMP-29/2000

A collaborative project between the Marine Conservation Branch
and Exmouth District Office of CALM

Part funded by *Coasts and Clean Seas*

an initiative of the Natural Heritage Trust

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ACKNOWLEDGMENTS

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Funding / Resources

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SUMMARY

This data report presents the data collected during the re-survey in May 2000, of 17 benthic community monitoring sites in Bills Bay. The sites were established in 1989 following the annual coral spawning event, which caused anoxia conditions, which, resulted in mass coral mortality. Sites were established to determine the extent and severity of coral mortality and to monitor the recovery of coral communities. The sites were established in 1989 and re-surveyed in 1994 and were incorporated in the NMPMP in May 2000. During the May 2000 re-survey for each site, the habitat type, dominant species and visible impacts were described. Associated high quality video imagery that was acquired at the sites has been archived. The Department will use this data to assess the recovery of the benthic communities following the impacts due to the natural disturbance in 1989.

The NMPMP is part funded by *Coasts and Clean Seas* an initiative of the Natural Heritage Trust and the Department of Conservation and Land Management.

The NMPMP is coordinated by the Marine Conservation Branch (MCB) of the Department of Conservation and Land Management (CALM) and the CALM Exmouth District office.

Companion reports associated with this project are: Cary and Grubba (2000), Simpson *et al*., (1991) and Simpson and Field (1995)

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1 INTRODUCTION

1.1 GENERAL

In 1998, *Coasts and Clean Seas*, an initiative of the Natural Heritage Trust provided $103,050 to the Department of Conservation and Land Management (CALM) to establish a long-term monitoring program in the Ningaloo Marine Park (NMP) (Figure 1). This was titled the *Ningaloo Marine Park Monitoring Program*, (NMPMP). The main aim of the NMPMP is to establish a network of long-term re-locatable monitoring sites to gather quantitative baseline data. The Department and the Marine Parks and Reserves Authority (MPRA) use this data to assess (audit) the status of the key ecological and social values of the NMP against pre-determined management targets. If targets are exceeded or adverse data trends identified this triggers the Department and the MPRA to adapt NMP management strategies to ensure that human activities are ecologically sustainable.

This data report presents the data collected during the re-survey in May 2000, of 17 benthic community monitoring sites in Bills Bay (Figure 2). The sites were established in 1989 following the annual coral spawning event, which caused anoxia conditions, which resulted in mass coral mortality. Sites were established to determine the extent and severity of coral mortality and to monitor the recovery of coral communities. The sites were established in 1989 and re-surveyed in 1994 and were incorporated in the NMPMP in May 2000. During the May 2000 re-survey for each site, the habitat type, dominant species and visible impacts were described. Associated high quality video imagery that was acquired at the sites has been archived.

The May 2000 field survey was coordinated by the Marine Conservation Branch (MCB) of CALM collaboration with the Exmouth District office of CALM (Contact: Doug Myers).

The data report also presents a summary of the data collected during two previous surveys of the sites in 1989 (Simpson *et al*., 1993) and 1994 (Simpson and Field, 1995) for comparison.

1.2 BACKGROUND

The management of WA's marine conservation reserves is now based on an outcome-based "best practice" model of performance reporting in natural resource management (ANZECC, 1997). The "best practice" model facilitates the assessment (auditing) of management performance allowing for a more adaptive and effective management style. To facilitate the conversion to this new model, CALM is developing marine work plans (MWP) for each marine park as an interim bridging mechanism. The MWP for each marine park identifies all the ecological and social values, listing for each value:

- existing and potential uses and/or pressures,
- management objectives,
- strategies,
- performance measures/s,
- desired trends, and
- targets.

In addition, the MWP prioritises values and management strategies using a value/threat framework (Simpson *et. al,* 2002). Values identified as having the highest priority and being the most threatened by human impacts are classified as Key Performance Indicators (KPI). For each KPI there are established short-term and long-term targets, which can be audited. Lower priority values are classified using the scale: high, medium and low. Priority is given to monitoring programs that provide the quantitative baseline data necessary to identify trends and assess whether established management targets of KPIs are being met (i.e. auditing).

Additional monitoring sites will be added to the NMPMP as required, to fill gaps in the networks. The NMPMP will also expand with the development and implementation of monitoring programs to collect baseline data on the other KPIs (Table 1).

Table 1. Key Performance Indicators (KPIs) for the Ningaloo Marine Park

Key Performance Indicator
• Water Quality
• Coral reef communities
• Whale sharks
• Loggerhead turtles
• Seascapes
• Coastal use
• Indigenous heritage

Monitoring programs generally comprise of one or more of the following components: (i) local scale impact or *compliance monitoring* that examines the effects of human activities in a localised area; (ii) temporally-constrained, broadscale *surveillance monitoring* to assess the response of key biological parameters to episodic regional physical and biological processes (eg the effect of storms and predators) and (iii) spatially-constrained, long-term monitoring of key biological parameters to determine the extent and cause of *natural variation* (eg seasonal and inter-annual variability) of key ecosystem attributes.

The NMPMP established a network of 52 monitoring sites in 1998 and 1999 along the back reef and lagoon areas of the NMP and proposed southern extension to collect baseline data on the benthic communities. Thirty sites are permanent 'transect' long-term monitoring sites. At each 'transect' site there are three 50m long straight transects, laid end to end, with a 10m gap between each. The start of the first transect and the end of the third transect are permanently marked using star pickets. 'Transect' sites are used to quantitatively sample benthic communities for surveillance and natural variation monitoring. Twenty-two sites are 'non-transect' sites. At each 'non-transect' site there is a sample area, which is not permanently marked. 'Non-transect' sites are used to qualitatively sample larger areas and are used for compliance monitoring.

A total of 17 non-permanent 'transect' sites were established in Bills Bay in 1989 to monitor the impacts of the 1989 coral spawning which caused anoxia which resulted in mass coral mortality (Simpson *et al*., 1993) (Figure 2). The sites were re-surveyed in 1994 to collect data on the recovery of the coral communities. In May 2000 these sites were incorporated into the NMPMP as part of the surveillance-monitoring network (bringing the total of NMPMP sites to 69). At each non-permanent 'transect' site three 50m long transects are laid parallel to each other, with a 20m gap between each (refer to section 2.2). Unlike other NMPMP 'transect sites, star pickets were not used to mark the 17 sites established in Bills Bay in 1989. The following information is taken from Simpson *et al*., (1993).

In March 1989 the majority of the corals in Bills Bay, off the north-western coastline of Australia, spawned several nights earlier than usual. Flood, rather than ebb, tides at the time of spawning combined with light north-west winds and low swell conditions to restrict the dispersal of coral propagules and, as a result, large amounts of coral spawn were trapped in the bay forming extensive slicks. Fish and other animals began to die almost immediately and, over the following few days, over one million fish consisting of at least 80 species were washed ashore. A survey of the benthic communities revealed extensive mortality of corals and other reef animals over an area of about three-square kilometres. Live coral cover in this area decreased from 42.9% to 9.4% and several large coral colonies up to 10 meters in diameter were killed (Appendix 1). The observed mortality was believed to be the result of hypoxia (oxygen depletion) created initially by the respiratory demand of the coral spawn and maintained by the biological oxygen demand of the decomposing spawn slicks and dead animals.

Anecdotal reports of corals and other reef animals dying in the vicinity of coral spawn slicks on other reefs in Western Australia suggest that this phenomenon may be a relatively common event on shallow coral reefs where coral mass spawning occurs. These records and observations document, for the first time, a new source of natural disturbance that has a significant influence on the community structure of some coral reefs.

1.3 AIMS OF THE NMPMP

The main aim of the *NMPMP* is to establish a network of re-locatable long-term monitoring sites to monitor the status of key ecological and social values in the NMP and proposed southern extension.

- To establish a network of sites in representative undisturbed areas of the NMP to assess the effects of natural processes on KPIs.
- To establish a network of sites in areas of human activity/pressure in NMP to assess the impacts of human activities on KPIs.
- To determine the presence/absence and relative abundance (if appropriate) of key species at each monitoring site.
- To take still images and video footage of benthic communities at representative sites on an opportunistic basis to assist with future education programs.

1.4 OBJECTIVES OF THE MAY 2000 SURVEY

The objectives of the May 2000 field survey were:
To re-survey 17 monitoring sites in benthic communities established in 1989 in Bills Bay in order to collect quantitative data on the recovery of coral communities severely impacted by the coral mass spawning event of March 1989.

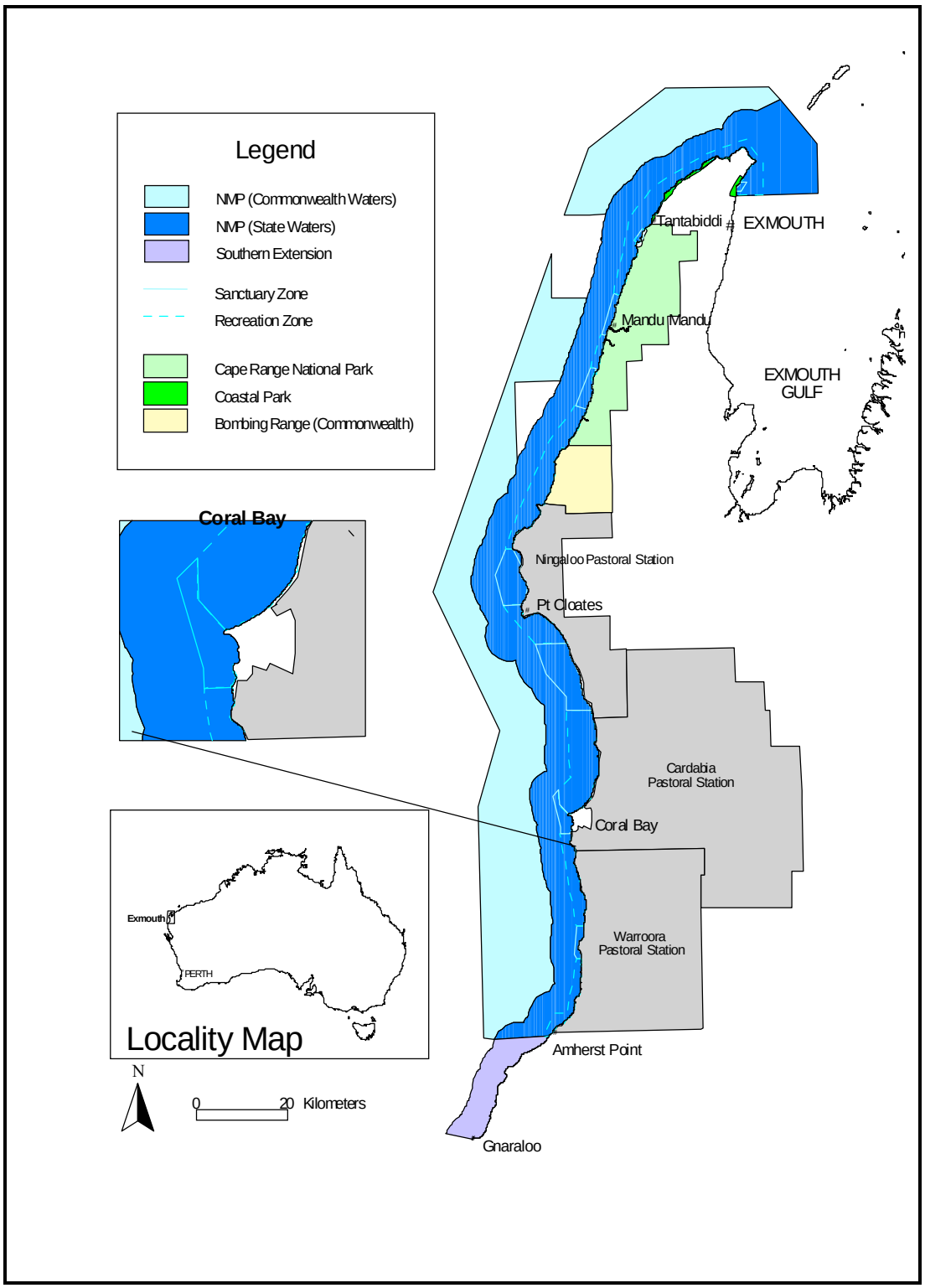


Figure 1. Location map of Ningaloo Marine Park and the Marine Parks and Reserves Selection Working Group recommendation regarding the southern extension to the park.

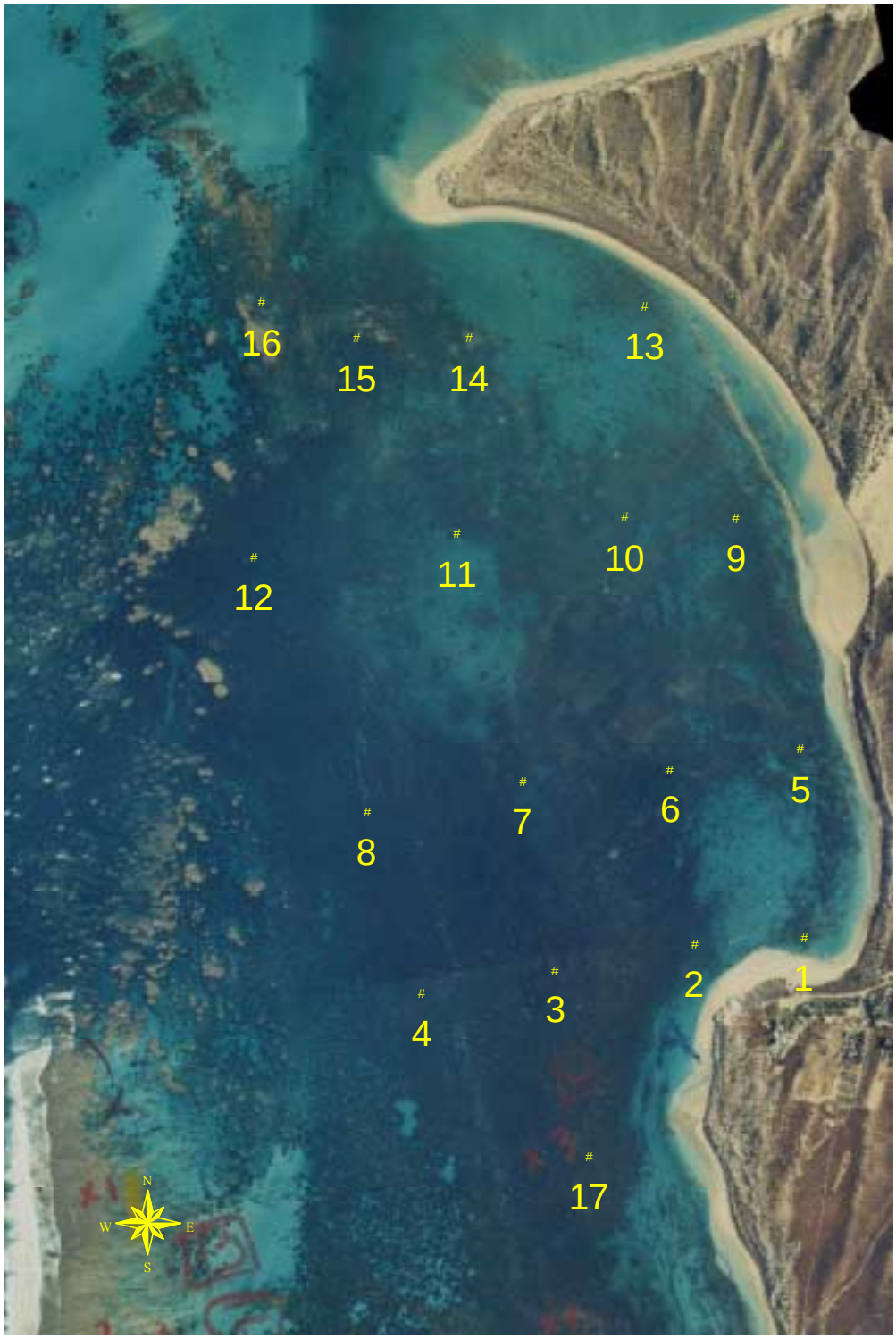


Figure 2. Location map of monitoring sites established in Bills Bay in March 1989

2 METHODS

2.1 SITE RE-LOCATION

The 17 sites established in the Bills Bay lagoon in 1989 were re-surveyed in May 2000 (Cary and Grubba 2000) (Figure 2). Sites were re-located using Global Positioning System (GPS) coordinates determined in 1994 by Simpson and Field (1995), and by an aerial photograph with the sites marked on it using a site diagram from the report by Simpson *et al*., (1993). Appendix 2 provides further information of site re-location.

2.2 ACTIVITIES CONDUCTED AT EACH SITE

At each site, three non-permanent (i.e. no star-pickets were used) 50 m transects were laid out parallel to each other with a 20 m spacing between each transect, in an east – west orientation. The central transect (transect 2) was laid over the original 1989 site with the two transects either side. The weighted transect lines were laid out in a straight line following the seabed contours. The coordinates of the start and end of each transect were recorded using GPS in decimal degrees and the datum AGD84. It is important to note that the surveys conducted in 1989 (Simpson *et al*., 1993) and in 1994 (Simpson and Field 1995) used two 25m long transects were laid out at each site. The change in methodology to three 50m transects at each site was necessary to allow the sites to be incorporated into the NMPMP.

At each site, the benthic habitat along each transect within a one meter strip were recorded using high quality video imagery (Cary and Grubba 2000). In addition, these data were quantitatively and qualitatively registered onto three data sheets as follows:

1. *'Transect' data sheet* – site coordinates;
2. *Habitat data sheet* – habitat description, dominant species, description of impacts, observed human activities, target species abundance (e.g. crayfish) and *Drupella* abundance (referred to as either 'none' (no *Drupella* feeding scars), 'low' (≤ 5 *Drupella* feeding scars) or medium/high (> 6 *Drupella* feeding scars)).

2.3 VIDEO DATA ANALYSIS

Line Intercept Transect data

The high quality video imagery obtained for each transect was analysed using the line intercept transect (LIT) method (Loya 1978) in order determine the mean percentage cover of a range of benthic categories (Table 2).

During the 1989 and 1994 surveys video imagery was not obtained, instead the LIT method was carried out *in situ* using SCUBA. As a result fewer benthic categories were used in order to simplify data analysis (e.g. the categories dead coral, algae covered substrate, rock, sand, etc were grouped together). This does create a false perception that abiotic cover has increased in 2000 when compared to the data recorded in 1989 and 1994.

Line Intercept Transect analysed data

LIT data was analysed using a preformatted "Excel" spreadsheet to calculate the mean percentage cover and standard errors for each transect and each major benthic category.

2.4 WATER DEPTH CORRECTION

At each site, it was determined whether the site was subtidal or intertidal by noting the average water depth at the time of sampling and using predicted water levels for that time (source: Department of Transport) to ascertain whether the site is exposed at low water throughout the fortnightly tidal cycle. All of the sites are subtidal.

Table 2: Benthic Category Codes (adapted from English *et al.* 1997)

Category	Code	Notes/Remarks
Coral Families		
Acroporidae	ACR	
Dendrophylliidae	DEN	
Faviidae	FAV	
Pocilloporidae	POC	
Milleproidae	MIL	
Oculinidae	OCU	
Agariciidae	AGA	
Mussidae	MUS	
Fungiidae	FUN	
Merulinidae	MER	
Poritidae	POR	
General Coral Structures		
Digitate	D	(Acroporidae only) no 2° branching, e.g. Acropora digitifera, A. humilis
Tabular	T	(Acroporidae only) horizontal flattened plates, e.g. Acropora hyacinthus
Branching	B	at least 2° branching, e.g. Acropora palmata, A. fromosa
Encrusting	E	Major portion attached to substratum, plate-like, e.g. Acropora palifera, A. cuneata
Foliose	F	Coral attached at one or more points, leaf-like, e.g. Turbinaria sp.
Massive	M	Solid bolder or mound, e.g. Platygyra daedalea
Sub-massive	S	Forms small columns, knobs, or wedges, e.g. Porities lichen, Acropora. Palifera
Mushroom	MR	Solitary, free-living corals of Fungia
Heliopora	HL	blue coral
Millepora	ME	fire coral
Tubipora	TU	Organ-pipe coral, Tubipora musica
Dead Coral		
Dead Coral	DC1	Recently dead/bleached, white
	DC2	Dead coral with relatively new algal growth, rusty brown
Dead Coral with Algae	DCA	Coral is standing with (older) algal growth, skeletal structure can still be observed
Upturned plates	UP	Evidence of storm damage
Broken coral	BC	Coral fragments; impact other than storm/surge
Algae		
Algal Assemblage	AA	Consist of more than one species
Coralline Algae	CA	
Halimeda	HA	
Macroalgae	MA	Weedy/fleshy browns, reds, etc.
Turf Algae	TA	
Filamentous blue-green algae	FIL	
Seagrass		
Halophila ovalis	SGH	
Other Lifeforms		
Sponges	SP	
Molluscs	MU	
Urchins	U	
Soft Coral	SC	
Other	OT	Holothurians, anenomes, giant clams, etc.
Coral Predators		
Crown of Thorns	COT	
Drupella Sp.	DRU	
Abiotic		
Rubble	R	Coral fragments
Sand	S	
Silt	SI	
Rock/Limestone Pavement	RK	

3 RESULTS

3.1 DATA SHEETS

See Appendix 3 for the four data sheets completed for each monitoring site.

3.2 ANALYSIS OF VIDEO FOOTAGE USING THE LINE INTERCEPT TRANSECT METHOD

3.2.1 LIT raw data

See Appendix 4 for the LIT data.

3.2.2 LIT analysed data summary – all categories

See Appendix 5 for the LIT analysed data

3.2.3 LIT analysed data summary – major benthic categories

See Figure 3 for a summary of the percentage cover of major coral families at each site in May 2000. See Appendix 6 for a summary of the LIT analysed data.

3.3 COMPARISON OF LIT DATA FROM 1989, 1994 AND 2000

See Figure 4 for a summary of the percentage cover of major coral families at each site in March 1989 and May 2000. Figure 5 (a-q) compares the benthic categories at each site for the three surveys undertaken in 1989, 1994 and 2000.

3.4 COMPARISON OF CORAL COLONY SIZE

See Appendix 7 for coral colony size histograms for May 2000 data.

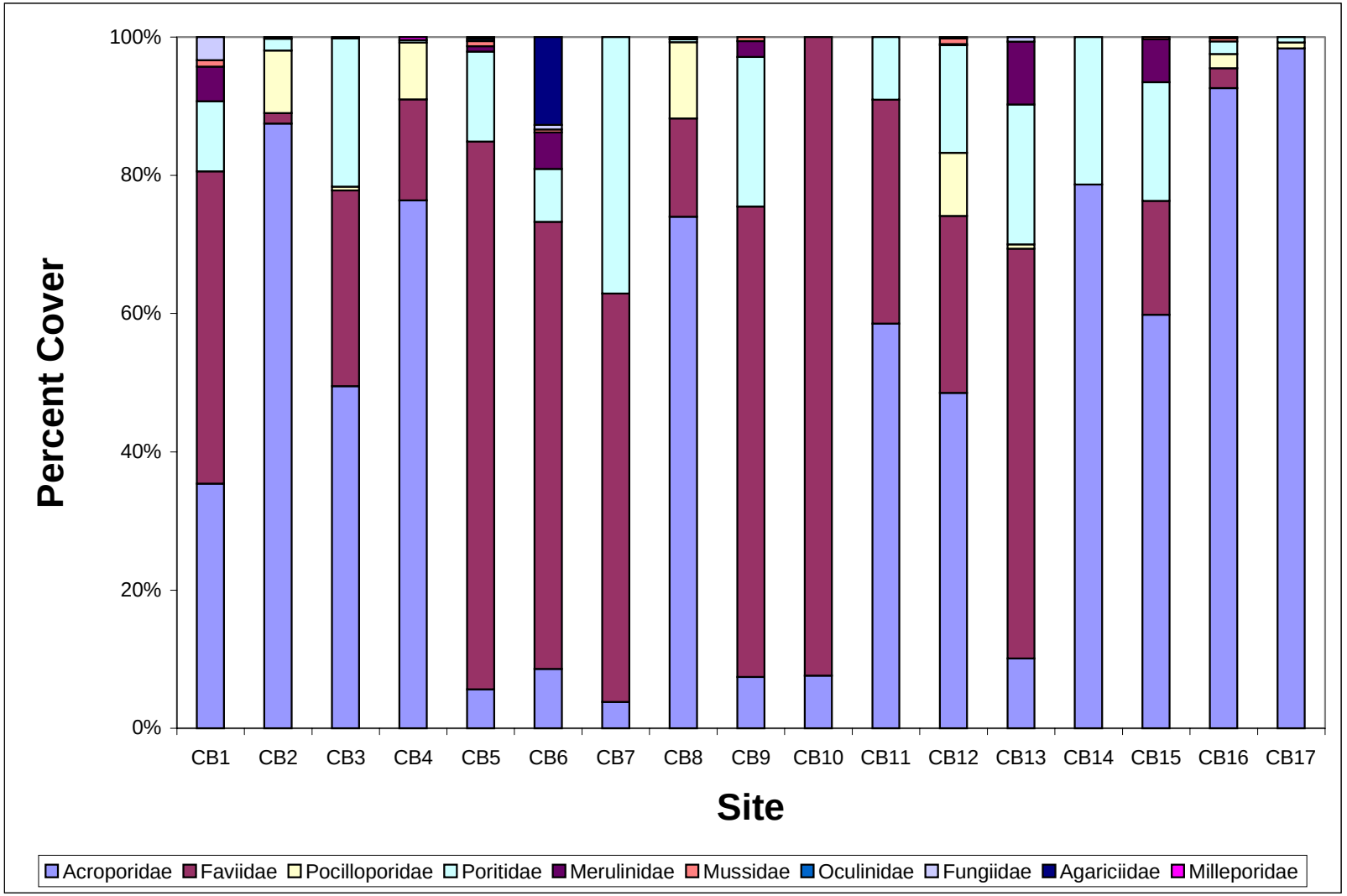


Figure 3. Percent cover of coral families at monitoring sites in Bills Bay re-surveyed during May 2000.

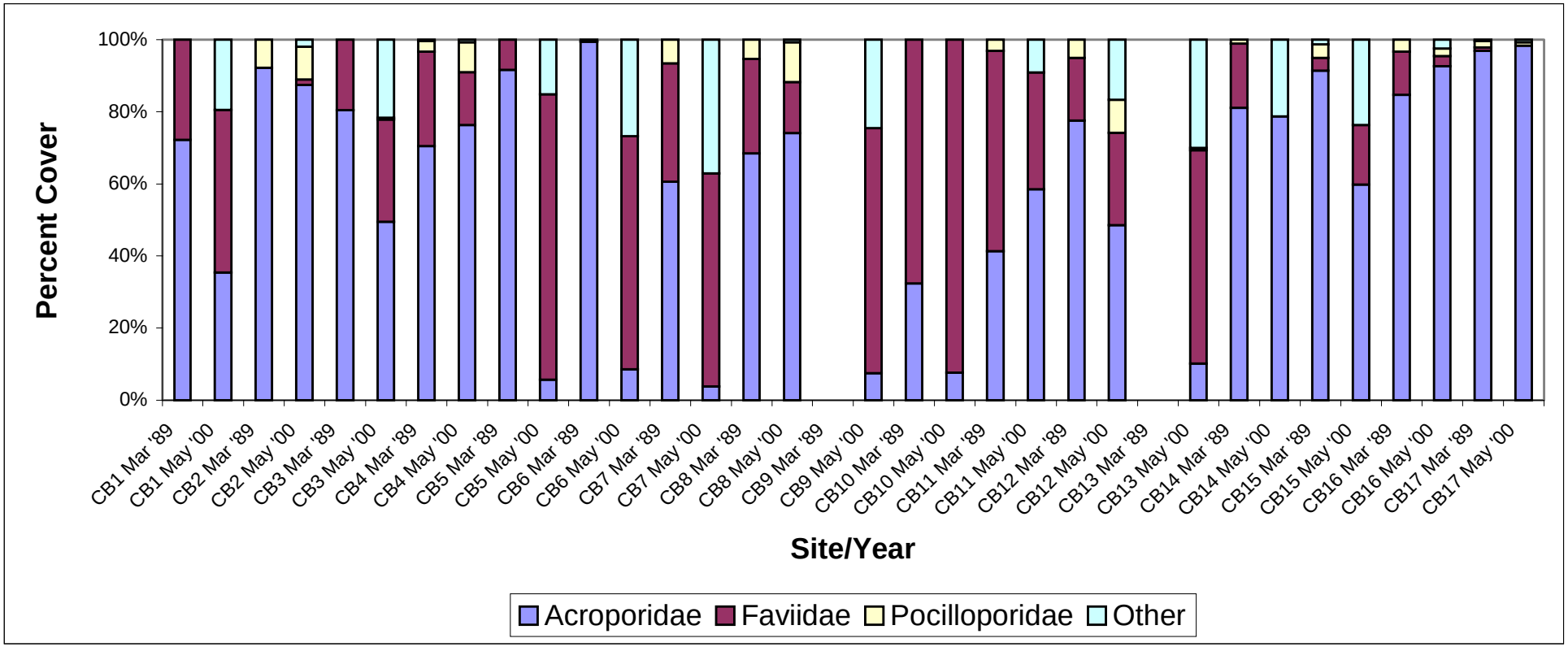
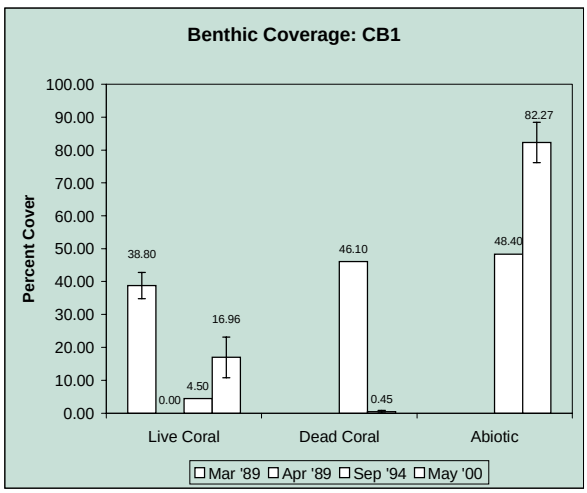


Figure 4. Percent cover of the main coral families at monitoring sites in Bills Bay during March 1989 and May 2000



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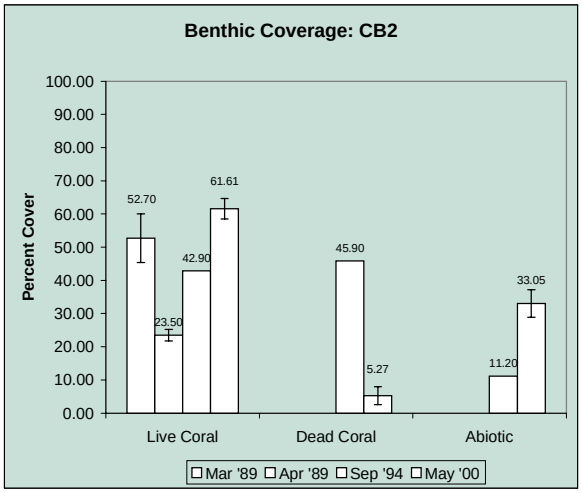

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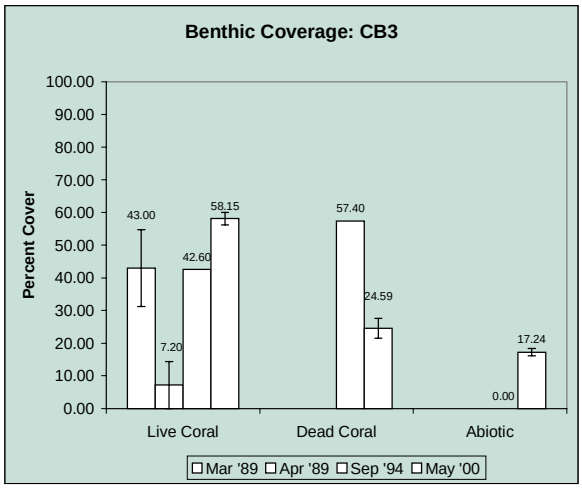

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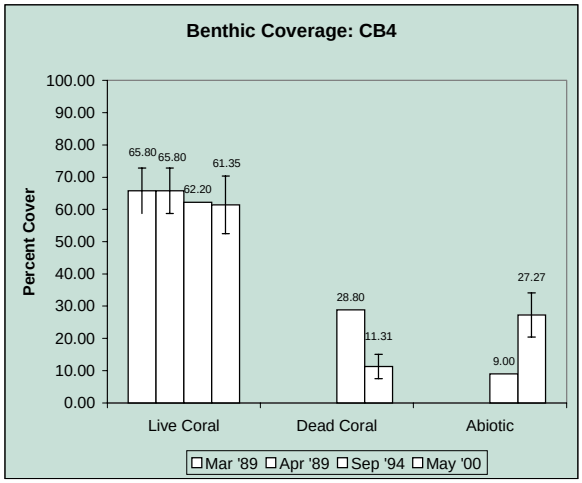

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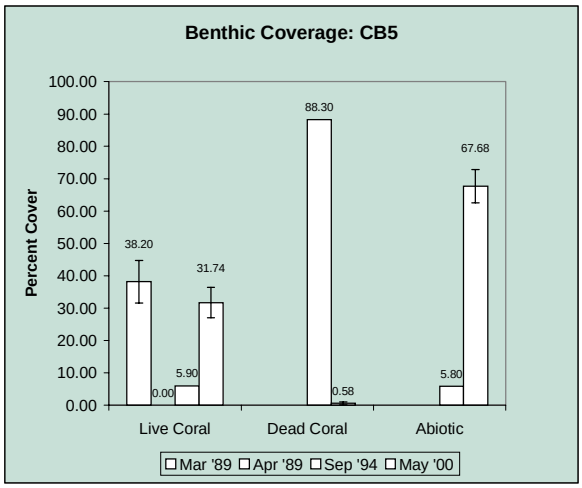

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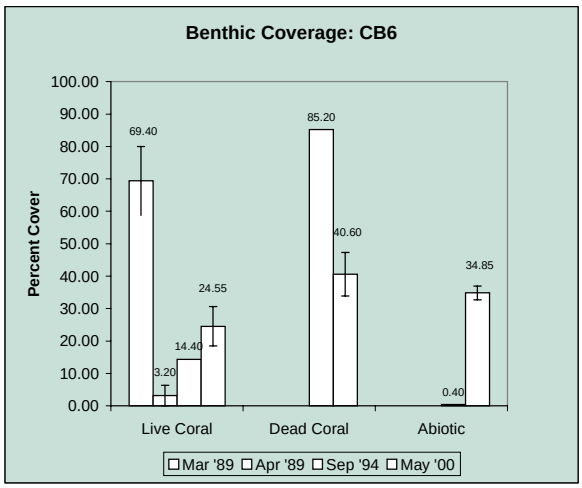

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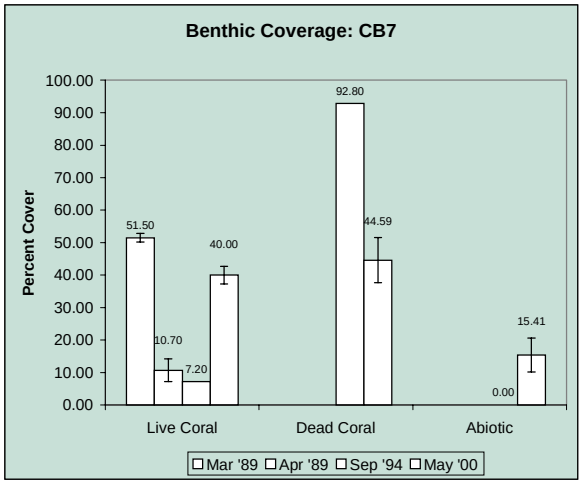
Figure 5 (a-q). Percent cover of major benthic categories at monitoring sites in Bills Bay during March 1989, April 1989, September/October 1994 and May 2000.



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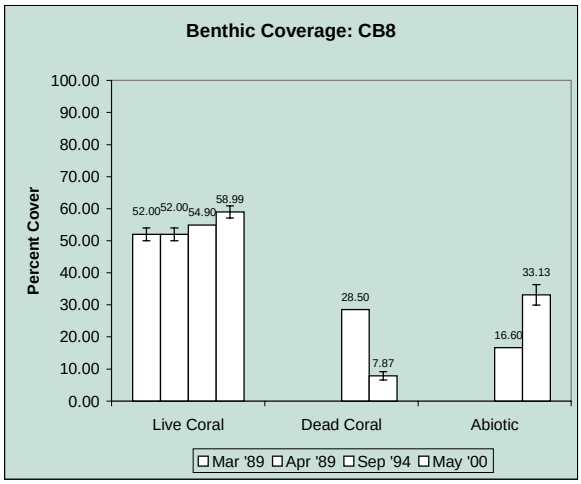

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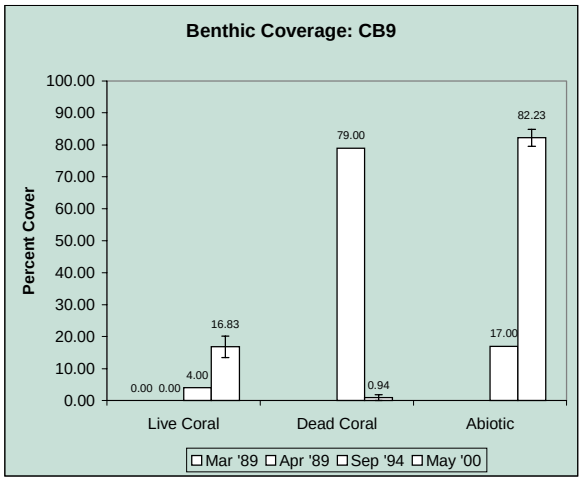

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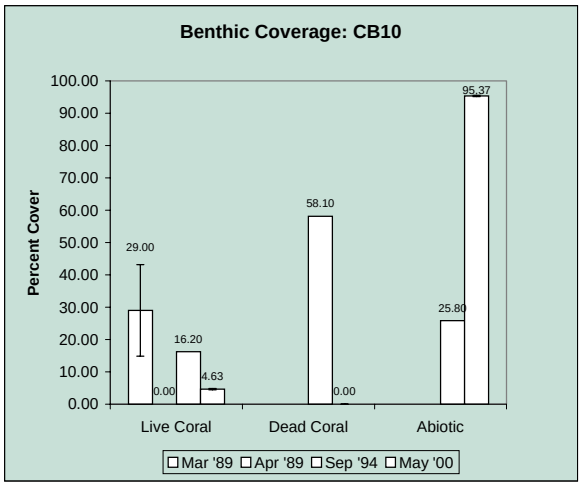

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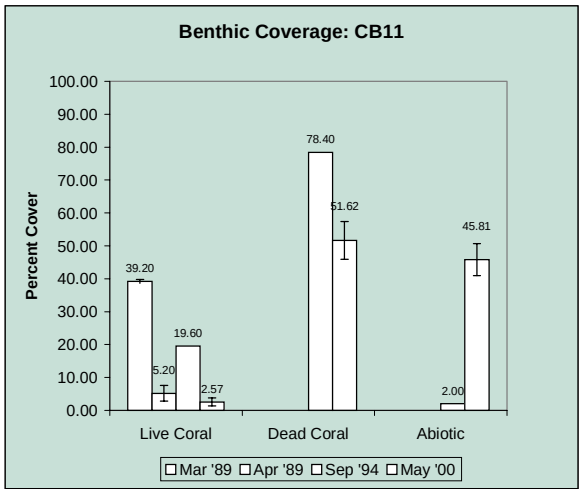

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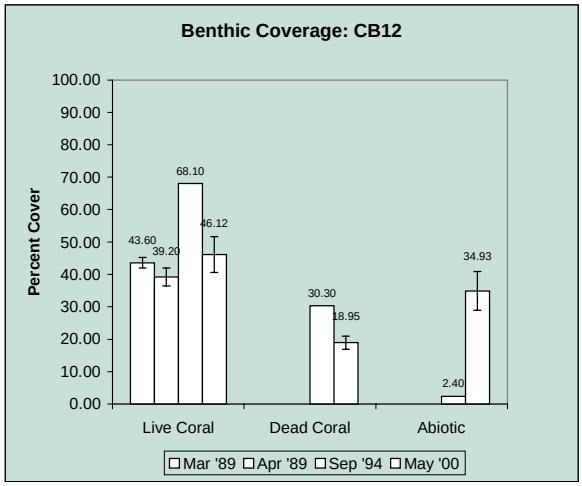

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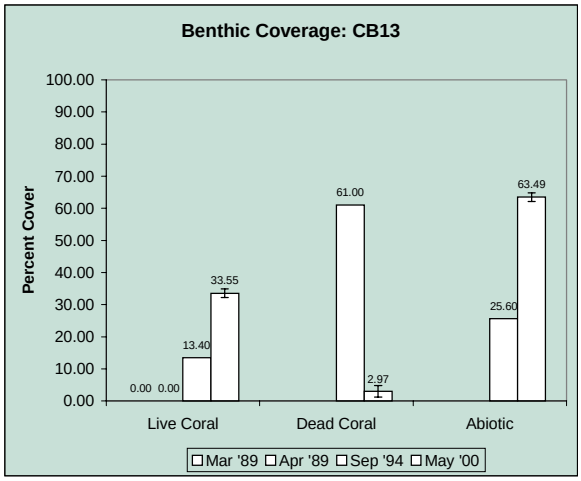

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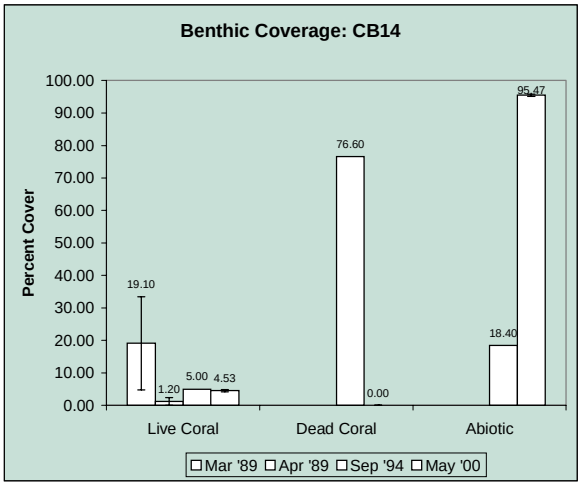

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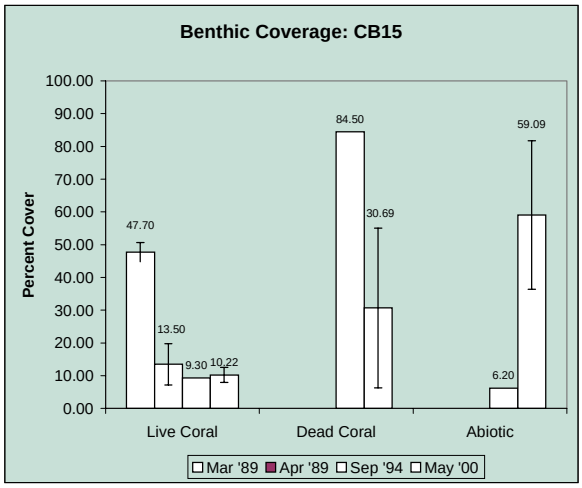

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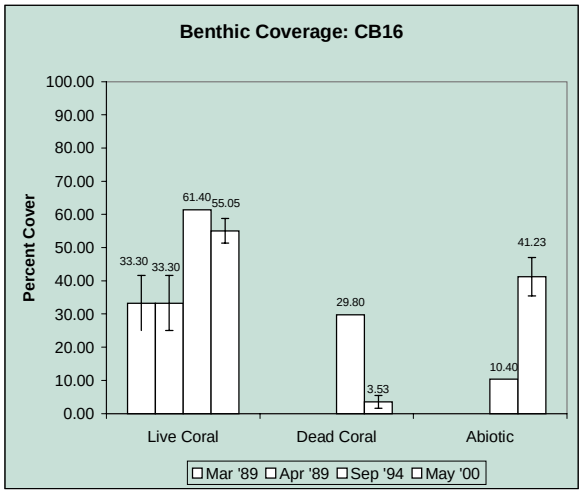

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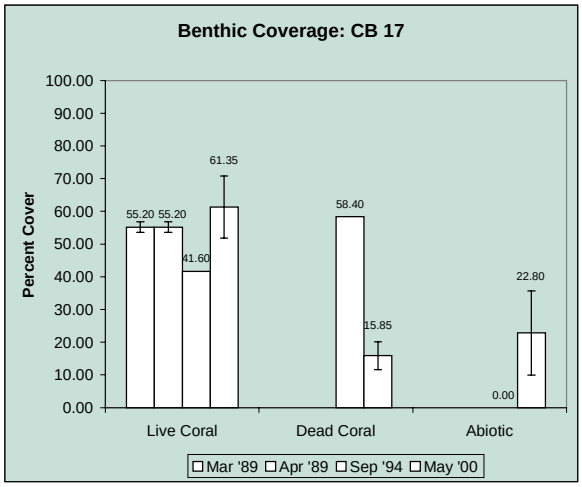

q.

Figure 5 (a-q). Continued

4 DATA MANAGEMENT

4.1 REPORT

Hard copies of this report will be held at the following locations:

1. Marine Conservation Branch library, Department of Conservation and Land Management, 47 Henry St., Fremantle, Western Australia, 6010. Ph. (08) 9366 0100, Fax (08) 9430 5408.
2. Woodvale Library, Science and Information Division, Ocean Reef Rd., Woodvale, Western Australia, 6026. Ph (08) 9306 1641.
3. Archives, Woodvale Library, Science and Information Division, Ocean Reef Rd., Woodvale, Western Australia, 6026. Ph. (08) 9405 5100, Fax. (08) 9306 1641.
4. Exmouth District, Department of Conservation and Land Management, 20 Nimitz St., Exmouth, Western Australia, 6707. Ph: (08) 9949 1676 Fax: (08) 9949 1580.
5. Pilbara Region, Department of Conservation and Land Management, Mardie Rd., Karratha, Western Australia, 6714. Ph: (08) 9143 1488 1676 Fax: (08) 9144 118.

The Marine Conservation Branch will hold digital copies of this report at the following directory pathways:

1. The Marine Conservation Branch Server:
   Shareddata on 'CALM-frem-1' [T:\144-Marine Conservation Branch\Shared Data\Current_MCB_reports\MMS\mms_2900]
2. MCB Server full backup DAT tape:
   [T:\144-Marine Conservation Branch\Shared Data\Current_MCB_reports\MMS\mms_3000]
3. CD_ROM [mms_2900]
4. MCB homepage on the Department of Conservation and Land Management Intranet CALMweb:
   http://calmweb.calm.wa.gov.au/drb/ncd/mcb/rep_pdf/mms_reps/mms_2000/mmsrep00.htm#mms_2900

4.2 VIDEO RECORDS

Original digital videotapes of the sites monitoring during the December 2000 survey (Appendix 8) will be held as follows:

- Mini digital video (MDV) masters have been archived in HOLD08 at the Information Management Branch, Department of Conservation and Land Management, 17 Dick Perry Avenue, Kensington, Western Australia. Ph: (08) 9334 0392 Fax: (08) 9334 0466.
- MDV copies have been stored at the Marine Conservation Branch, Department of Conservation and Land Management, 47 Henry St, Fremantle, Western Australia. Ph: (08) 9336 0100 Fax (08) 9430 5408.

5 REFERENCES

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APPENDIX 1: RESULTS FROM CORAL BAY 1989 AND 1994 SURVEYS

Major benthic habitat types in 1989 (Simpson *et al.*, 1993)

Site	Live coral before 26 March (%)		Live coral cover between 3-5 April (%)		Bleached coral cover between 3-5 April (%)	
	mean	se	mean	se	mean	Se
1	38.8	4.0	0.0		3.8.8	4.0
2	52.7	7.3	23.5	1.7	29.2	5.6
3	43.0	11.8	7.2	7.2	35.8	4.6
4	65.8	7.0	65.8	7.0	0.0	
5	38.2	6.6	0.0		38.2	6.6
6	69.4	10.6	3.2	3.2	66.2	13.8
7	51.5	1.3	10.7	3.5	40.8	2.2
8	52.0	2.0	52.0	2.0	0.0	
9	0.0		0.0		0.0	
10	29.0	14.2	0.0		29.0	14.2
11	39.2	0.6	5.2	2.4	34.0	2.8
12	43.6	1.6	9.2	2.8	4.4	4.4
13	0.0		0.0		0.0	
14	19.1	14.3	1.2	1.2	17.9	15.5
15	47.7	2.9	13.5	6.3	34.2	3.4
16	33.3	8.3	33.3	8.3	0.0	
17	55.2	1.6	55.2	1.6	0.0	

Major benthic habitat types in 1994 (Simpson and Field, 1995)

Site	Live coral (%)	Dead coral (%)	Sand (%)
1	4.5	46.1	48.4
2	42.9	45.9	11.2
3	42.6	57.4	0.0
4	62.2	28.8	9.0
5	5.9	88.3	5.8
6	14.4	85.2	0.4
7	7.2	92.8	0.0
8	54.9	28.5	16.6
9	4.0	79.0	17.0
10	16.2	58.1	25.8
11	19.6	78.4	2.0
12	68.1	30.3	2.4
13	13.4	61.0	25.6
14	5.0	76.6	18.4
15	9.3	84.5	6.2
16	61.4	29.8	10.4
17	41.6	58.4	0.0

APPENDIX 2: SITE RE-LOCATION

A report by Grubba *et al*., (2000 Draft) reviewed the site coordinates for all monitoring sites established between 1989 and 2000 for the Ningaloo Marine Park Monitoring Program. The report presents the all the site coordinates standardised to the datum WGS84 in decimal degrees and to northing/easting (AMG zone 49). The following information is taken from Grubba *et al*., (2000 Draft).

2 MONITORING SITES ESTABLISHED IN BILLS BAY IN 1989

2.1 SITE LOCATIONS RECORDED IN 1989

In 1989, 17 non-permanent 'transect" sites were established in the lagoon at Bills Bay after a coral mortality event from the coral mass spawning (Simpson et al., 1993). At each site two replicate non-permanent 25m long transect lines were laid out. The sites were established near prominent seabed features identified from an aerial photograph of Bills Bay. The site positions were recorded (using a pinprick) on a 1989 aerial photograph of Bills Bay, as a Global Positioning System (GPS) unit was not available.

2.2 SITE COORDINATES RECORDED IN 1994

In 1994, the 17 sites established in 1989 in Bills Bay were re-surveyed (Simpson and Field 1995). The sites were re-located using the original marked 1989 aerial photograph. At each site two replicate non-permanent 25m long transect lines were laid out. In addition site coordinates were determined using GPS, however no datum was recorded.

2.3 SITE COORDINATES RECORDED IN 2000

In 2000, the 17 sites established in 1989 in Bills Bay were re-surveyed as part of the NMPMP. The 1989 aerial photograph marked with the site positions that was used in the 1989 and 1994 surveys could not be located. Prior to going into the field the site positions were marked (pinprick) on a 1991 aerial photograph of Bills Bay (Coral Bay DMH 612, 1991) by enlarging a site diagram from the paper by Simpson, et al., (1993) and overlaying it over the 1991 photograph. The 1991 photograph was referred to when the site positions were digitised onto a rectified aerial image of Bills Bay in 'Arcview', a Geographic Information System (GIS) software package. 'Arcview' provided an output of site coordinates using the datum AGD84.

In the field, site re-location was initially done using the GPS coordinates determined in 1994 (Simpson and Field 1994) until datum shifts were noted (i.e. wrong datum used). After this point the 1994 site coordinates were not used but instead the remaining sites were re-located using the 1991 marked aerial photograph, and the site coordinates provided by 'Arcview'.

At each site three non-permanent 50 m transect sites were established. Transects were laid parallel to each other with an approximate 20 m spacing. The central transect was positioned over the original 1989 site with transects either side. The coordinates of start and end of each transect were determined using GPS using the datum WGS84 or AGD84.

2.4 IDENTIFIED PROBLEMS

The review identified a number of issues related to the methods used to determine site coordinates during the three surveys:

- *accuracy of the method used to mark the 1991 aerial photograph;*
- *accuracy of GPS (selected variability turned off) typically between 5-10 m but occasionally as high as 200 m;*
- *variable use of datums between and within surveys (NAS27 CONUS, WGS84 and AGD84); and*
- *datum shifts resulting from variable datum usage (i.e. GPS set to one datum and site coordinates recorded as another).*

2.5 FINAL SITE COORDINATES

The site coordinates recorded during the three surveys (1989, 1993 and 2000) have been standardised to the datum WGS84 in decimal degrees and to northing/easting (AMG zone 49) (Tables a, b and c).

The standardised site coordinates derived from the 1989 survey, listed in Table a. must be used for future re-location of these sites.

Tables (a-c) below list the standardised site coordinates. Figure (a) below displays the site locations visited during the last three surveys in 1989, 1994 and 2000.

Table a. Standardised site coordinates to the datum WGS 84 in decimal degrees and in northing/easting (AMG zone 49) for non-permanent 'transect' sites established in Bills Bay in 1989. Site coordinates derived from the site figure from Simpson *et al.,* 1993

Site No.	Latitude (º S) dec deg WGS84	Longitude (º E) dec deg WGS84	Easting (mE) AMG 49 WGS84	Northing (mN) AMG 49 WGS84
1	113.76963	-23.14141	783,616.84	7,438,121.61
2	113.76654	-23.14150	783,300.42	7,438,117.82
3	113.76262	-23.14209	782,898.08	7,438,059.91
4	113.75889	-23.14263	782,514.18	7,438,007.71
5	113.76964	-23.13652	783,628.48	7,438,663.79
6	113.76597	-23.13697	783,252.03	7,438,621.16
7	113.76185	-23.13721	782,829.18	7,438,601.97
8	113.75747	-23.13790	782,378.50	7,438,534.41
9	113.76797	-23.13049	783,470.12	7,439,334.93
10	113.76487	-23.13042	783,152.34	7,439,348.87
11	113.76017	-23.13074	782,670.33	7,439,322.39
12	113.75448	-23.13125	782,086.21	7,439,276.58
13	113.76554	-23.12498	783,232.99	7,439,949.78
14	113.76063	-23.12569	782,728.10	7,439,881.46
15	113.75747	-23.12565	782,404.48	7,439,891.74
16	113.75483	-23.12467	782,135.82	7,440,005.58
17	113.76347	-23.14696	782,974.04	7,437,519.33

Table b. Standardised site coordinates to the datum WGS 84 in decimal degrees and in northing/easting (AMG zone 49) for non-permanent 'transect' sites established in Bills Bay in 1989. Site coordinates determined during 1994 survey (Simpson *et al.,*1995)

Site No.	Latitude (º S) dec deg WGS84	Longitude (º E) dec deg WGS84	Easting (mE) AMG 49 WGS84	Northing (mN) AMG 49 WGS84
1	113.77014	-23.14164	783,669.22	7,438,095.18
2	113.76762	-23.14118	783,412.32	7,438,151.71
3	113.76354	-23.14088	782,994.63	7,438,192.89
4	113.75904	-23.14078	782,533.79	7,438,212.70
5	113.76989	-23.13649	783,654.45	7,438,666.21
6	113.76742	-23.13589	783,402.95	7,438,737.48
7	113.76299	-23.13701	782,946.40	7,438,622.36
8	113.75758	-23.13761	782,390.13	7,438,566.41
9	113.76911	-23.13096	783,585.88	7,439,280.71
10	113.76697	-23.13169	783,365.68	7,439,203.66
11	113.75828	-23.13133	782,475.02	7,439,261.11
12	113.75426	-23.13283	782,060.39	7,439,102.71
13	113.76642	-23.12574	783,321.84	7,439,863.90
14	113.76171	-23.12618	782,837.69	7,439,824.98
15	113.75801	-23.12681	782,457.24	7,439,762.03
16	113.75571	-23.12499	782,225.38	7,439,967.79
17	113.76374	-23.14511	783,006.22	7,437,723.54

Table c. Standardised site coordinates to the datum WGS 84 in decimal degrees and in northing/easting (AMG zone 49) for non-permanent 'transect' sites established in Bills Bay in 1989. Site coordinates determined during May 2000 survey

Site No./Transect No.	Latitude (º S) dec deg WGS84	Longitude (º E) dec deg WGS84	Easting (mE) AMG 49 WGS84	Northing (mN) AMG 49 WGS84
CB2-t1start	113.76672	-23.14138	783,318.87	7,438,130.44
CB2-t1end	113.76632	-23.14137	783,277.92	7,438,133.00
CB2-t2start	113.76687	-23.14155	783,333.89	7,438,111.65
CB2-t2end	113.76638	-23.14157	783,284.26	7,438,110.71
CB2-t3start	113.76695	-23.14163	783,342.21	7,438,102.29
CB2-t3end	113.76645	-23.14163	783,290.99	7,438,103.27
CB4-t1start	113.75952	-23.14418	782,575.30	7,437,834.22
CB4-t2start	113.75952	-23.14442	782,574.80	7,437,808.30
CB4-t3start	113.75955	-23.14460	782,577.80	7,437,787.96
CB5-t1start	113.76928	-23.13570	783,593.74	7,438,755.08
CB5-t1end	113.76887	-23.13578	783,550.94	7,438,746.69
CB5-t2start	113.76925	-23.13585	783,590.05	7,438,738.53
CB5-t2end	113.76883	-23.13592	783,547.18	7,438,731.91
CB5-t3start	113.76932	-23.13600	783,596.60	7,438,721.78
CB5-t3end	113.76887	-23.13598	783,550.52	7,438,724.54
CB8-t1start	113.75818	-23.14080	782,445.72	7,438,211.62
CB8-t2start	113.75812	-23.14097	782,438.60	7,438,193.24
CB8-t3start	113.75808	-23.14115	782,434.74	7,438,173.03
CB9-t1start	113.76752	-23.13023	783,424.30	7,439,364.22
CB9-t1end	113.76708	-23.13008	783,380.14	7,439,381.68
CB9-t2start	113.76750	-23.13003	783,422.98	7,439,386.41
CB9-t2end	113.76710	-23.13027	783,381.50	7,439,361.26
CB9-t3start	113.76755	-23.13040	783,427.33	7,439,345.65
CB9-t3end	113.76713	-23.13042	783,384.56	7,439,344.58
CB13-t1start	113.76535	-23.12432	783,214.69	7,440,023.88
CB13-t1end	113.76493	-23.12445	783,171.68	7,440,009.95
CB13-t2start	113.76543	-23.12448	783,222.84	7,440,005.32
CB13-t2end	113.76498	-23.12458	783,176.52	7,439,995.12
CB13-t3start	113.76537	-23.12470	783,215.62	7,439,981.41
CB13-t3end	113.76495	-23.12477	783,172.75	7,439,974.80
CB17-t1start	113.76428	-23.14855	783,054.42	7,437,341.13
CB17-t1end	113.76390	-23.14863	783,015.00	7,437,332.68
CB17-t2start	113.76425	-23.14865	783,050.82	7,437,330.12
CB17-t2end	113.76382	-23.14877	783,006.22	7,437,318.00
CB17-t3start	113.76422	-23.14882	783,047.09	7,437,311.68
CB17-t3end	113.76378	-23.14893	783,002.38	7,437,299.67
CB1-t1start	113.76964	-23.14106	783,618.66	7,438,160.97
CB1-t1end	113.76914	-23.14107	783,567.40	7,438,160.06
CB1-t2start	113.76974	-23.14127	783,628.45	7,438,136.73
CB1-t2end	113.76925	-23.14127	783,578.96	7,438,137.67
CB1-t3start	113.76984	-23.14137	783,638.49	7,438,125.46
CB1-t3end	113.76935	-23.14139	783,588.96	7,438,124.52
CB3-t1start	113.76354	-23.14126	782,993.25	7,438,150.67
CB3-t1end	113.76315	-23.14116	782,954.22	7,438,162.50
CB3-t2start	113.76347	-23.14142	782,986.03	7,438,132.30
CB3-t2end	113.76309	-23.14132	782,947.00	7,438,144.12
CB3-t3start	113.76350	-23.14167	782,988.99	7,438,104.54
CB3-t3end	113.76317	-23.14146	782,955.23	7,438,129.23
CB6-t1start	113.76640	-23.13587	783,298.31	7,438,741.50

Site No./Transect No.	Latitude (º S) dec deg WGS84	Longitude (º E) dec deg WGS84	Easting (mE) AMG 49 WGS84	Northing (mN) AMG 49 WGS84
CB6-t1end	113.76595	-23.13586	783,252.24	7,438,744.26
CB6-t2start	113.76639	-23.13597	783,296.36	7,438,730.45
CB6-t2end	113.76597	-23.13602	783,253.53	7,438,725.72
CB6-t3start	113.76647	-23.13612	783,304.55	7,438,713.67
CB6-t3end	113.76604	-23.13611	783,260.22	7,438,716.40
CB7-t1start	113.76422	-23.13787	783,070.34	7,438,524.16
CB7-t1end	113.76384	-23.13772	783,031.41	7,438,541.52
CB7-t2start	113.76417	-23.13804	783,064.86	7,438,505.75
CB7-t2end	113.76382	-23.13792	783,029.25	7,438,519.40
CB7-t3start	113.76409	-23.13819	783,056.04	7,438,489.30
CB7-t3end	113.76372	-23.13809	783,018.65	7,438,501.09
CB10-t1start	113.76494	-23.13049	783,159.31	7,439,340.75
CB10-t1end	113.76447	-23.13047	783,111.50	7,439,343.54
CB10-t2start	113.76495	-23.13061	783,160.81	7,439,327.86
CB10-t2end	113.76449	-23.13062	783,112.92	7,439,326.89
CB10-t3start	113.76502	-23.13076	783,167.26	7,439,311.11
CB10-t3end	113.76459	-23.13077	783,122.85	7,439,310.07
CB11-t1start	113.76207	-23.13072	782,865.05	7,439,320.50
CB11-t1end	113.76167	-23.13074	782,824.03	7,439,319.39
CB11-t2start	113.76207	-23.13096	782,864.56	7,439,294.69
CB11-t2end	113.76169	-23.13099	782,825.25	7,439,291.66
CB11-t3start	113.76209	-23.13109	782,866.03	7,439,279.81
CB11-t3end	113.76175	-23.13117	782,831.73	7,439,271.26
CB12-t1start	113.75419	-23.13157	782,055.54	7,439,241.61
CB12-t1end	113.75375	-23.13164	782,011.03	7,439,235.02
CB12-t2start	113.75407	-23.13182	782,043.03	7,439,214.13
CB12-t2end	113.75369	-23.13184	782,003.75	7,439,212.99
CB12-t3start	113.75412	-23.13207	782,047.63	7,439,186.34
CB12-t3end	113.75364	-23.13209	781,998.10	7,439,185.39
CB14-t1start	113.75972	-23.12462	782,637.05	7,440,000.89
CB14-t1end	113.75930	-23.12457	782,594.53	7,440,007.24
CB14-t2start	113.75974	-23.12482	782,638.37	7,439,978.70
CB14-t2end	113.75929	-23.12472	782,592.47	7,439,990.65
CB14-t3start	113.75980	-23.12502	782,644.82	7,439,956.41
CB14-t3end	113.75935	-23.12496	782,598.85	7,439,964.71
CB15-t1start	113.75800	-23.12624	782,457.82	7,439,825.07
CB15-t1end	113.75799	-23.12627	782,456.01	7,439,821.44
CB15-t2start	113.75799	-23.12642	782,455.70	7,439,804.83
CB15-t2end	113.75754	-23.12649	782,409.45	7,439,798.27
CB15-t3start	113.75797	-23.12667	782,453.43	7,439,777.16
CB15-t3end	113.75757	-23.12669	782,412.41	7,439,776.05
CB16-t1start	113.75515	-23.12457	782,169.28	7,440,015.28
CB16-t1end	113.75470	-23.12451	782,123.30	7,440,023.57
CB16-t2start	113.75514	-23.12476	782,167.15	7,439,995.04
CB16-t2end	113.75469	-23.12476	782,121.04	7,439,995.91
CB16-t3start	113.75512	-23.12489	782,165.13	7,439,980.22
CB16-t3end	113.75464	-23.12499	782,115.43	7,439,970.08

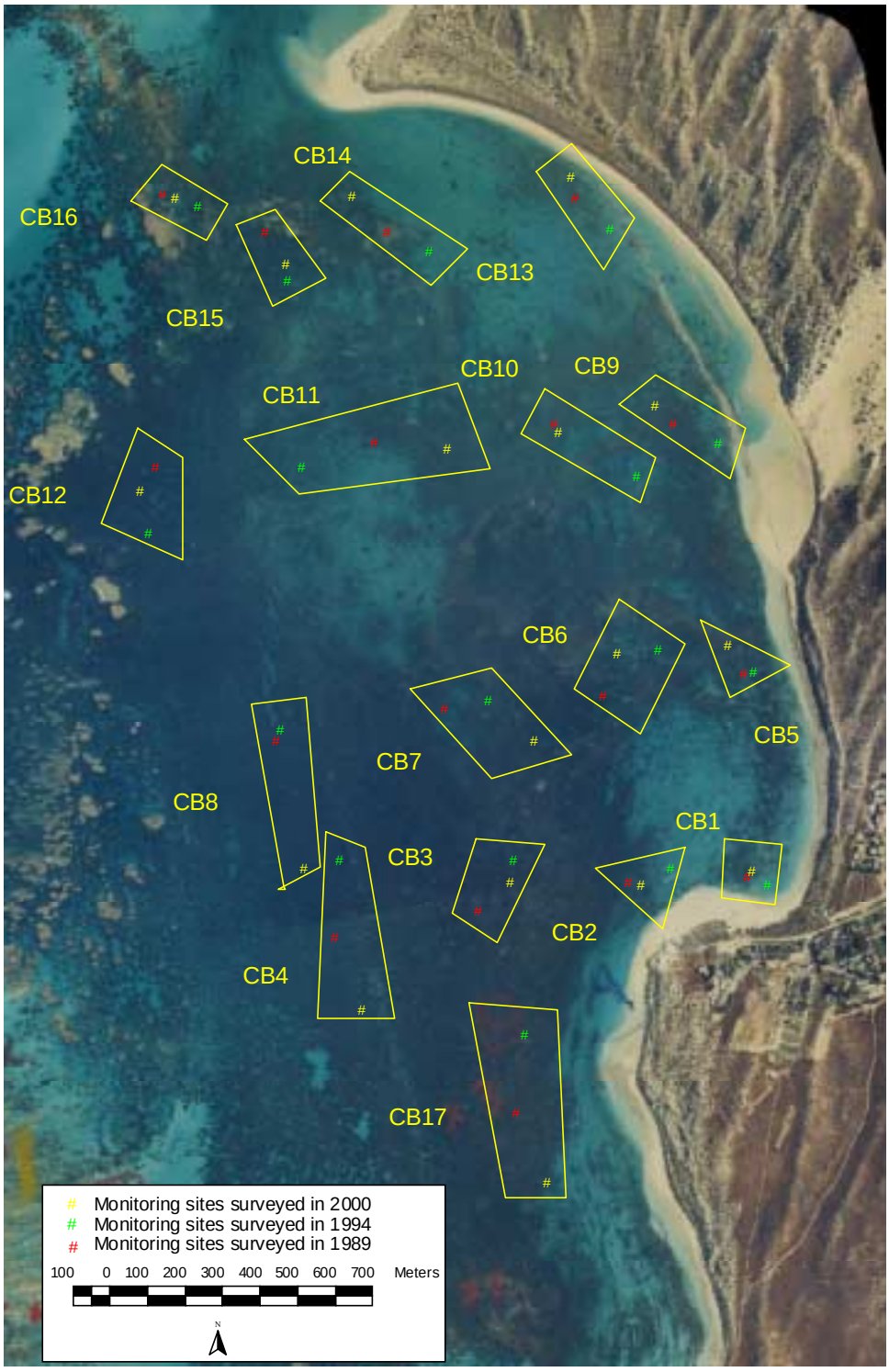


Figure a. Site positions recorded during the 1989, 1994 and 2000 surveys. It should be noted that the potential error on the 1989 position could be as high as 100 meters.

APPENDIX 3: DATA SHEETS – 'TRANSECT' SITES

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB1	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	12:20	**Video tape no.**	NIN/bvt/17.05.00 /#6		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14233 ° S		113.76825 ° E			
Finish	-23.14235 ° S		113.76775 ° E			
Notes: (e.g. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14255 ° S		113.76835 ° E			
Finish	-23.14255 ° S		113.76787 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14265 ° S		113.76845 ° E			
Finish	-23.14267 ° S		113.76797 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB1	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time** 12:50	**Weather**			
Sea		**Water depth (m)**	1.5	**Water visibility (m)**			
GPS Latitude		**GPS Longitude**		**Differential**			
-23.14233 ° S		113.76825 ° E		**Yes**	☐	**No**	☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef dominated by a high diversity of coral species (see below) interspersed with coral rubble.

Dominant Species

Seagrass	
Macro-algae	*Dictyota* sp. and filamentous blue-green algae
Coral	*Acropora* sp (branching), *Favites* sp. (massive), *Fungia* sp., *Goniastrea* sp., *Porites* sp., *Hydrophhora* sp., *Platygyra* sp. (massive), *Merulina* sp. (foliose), *Echinopora* sp. (sub-massive), *Montastrea* sp. (sub-massive) and *Lobophyllia* sp. (sub-massive)
Fish	Scaridae (parrotfish) and Labridae (wrasse)
Invertebrates	*Tridacna* sp. (clam)

Other Features

Impact or Activity

Litter present – 44 gallon drums ~4. Large *Platygyra* sp. (massive) bleached. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#6	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB1	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	12:20	**Finish time**	12:50	**Depth (m)**	1.5	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#6	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:16:25:17

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:00:55:01	0:06:00:05	5.05
T2	0:07:40:11	0:11:24:17	3.44
T3	0:12:32:08	0:16:25:17	3.53

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB2	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	9:00	**Video tape no.**	NMPMP/bvt/15.05.00 /#2		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14266 ° S		113.76533 ° E			
Finish	-23.14264 ° S		113.76493 ° E			
Notes: (e.g. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14283 ° S		113.76548 ° E			
Finish	-23.14284 ° S		113.76500 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14291 ° S		113.76556 ° E			
Finish	-23.14291 ° S		113.76506 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB2	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	9:32	**Weather**	fine		
Sea	calm	**Water depth (m)**	3.0	**Water visibility (m)**	3.0		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.14266 ° S	113.76533 ° E	**Yes**	☐	**No**	☒

Site location	Coral Bay

Habitat Description

Subtidal lagoonal coral reef dominated by *Montipora* sp., *Acropora* sp.(branching) & *Echinopora* sp.(refer to the coral list below) Lots of macroalgae (in coral lattice).

Dominant Species

Seagrass	
Macro-algae	
Coral	*Acropora* sp.*(branching)*, *Montipora* sp., *Echinopora* sp., *Pocilliopora* sp., *Porites* sp., *A. Hyacinthus, Seriatopora,* and *A. grandis.*
Fish	Large lethrinids (emperors)
Invertebrates	

Other Features

Impact or Activity

Some minor evidence of boat damage to corals. No litter. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB15-05-00 /#2	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB2	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Cary
Start time	9:32	**Finish time**	10:30	**Depth (m)**	3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 15-05-00/#2	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:15:41:20

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:00:53:17	0:05:37:14	4.44
T2	0:06:23:14	0:10:10:12	3.47
T3	0:11:02:23	0:15:41:20	4.39

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB3	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	14:20	**Video tape no.**	NMPMP/bvt/17.05.00 /#6		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14253 ° S		113.76215 ° E			
Finish	-23.14243 ° S		113.76177 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14270 ° S		113.76208 ° E			
Finish	-23.14260 ° S		113.76170 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	23.14295 ° S		113.76212 ° E			
Finish	-23.14273 ° S		113.76178 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB3	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	14:50	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.14253 ° S			113.76215 ° E		**Yes**	☐	**No** ☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef (profile: high relief) dominated by *Echinopora* sp. (sub-massive), *Montipora* sp. (foliose) and *Porites* sp. (sub-massive). The majority of dead coral is *Echinopora* sp. (sub-massive) which has been knocked down.

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green algae and *Dictyota* sp.
Coral	*Echinopora* sp. (sub-massive and foliose), *Montipora* sp. (foliose), *Pocillopora* sp. (digitate), *Merulina* sp. (foliose), *Acropora* sp. (branching), *Goniopora* sp. (sub-massive), *Palauastrea* sp. (branching) and *Porites* sp. (sub-massive).
Fish	Labridae (wrasse)
Invertebrates	*Sepioteuthis* sp. (reef squid)

Other Features

Impact or Activity

No signs of human impacts. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#6	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB3	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	14:20	**Finish time**	14:50	**Depth (m)**	2.0-3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#6	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:16:25:07	**To:**	0:34:35:03

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:17:31:20	0:22:48:21	5.17
T2	0:24:09:21	0:28:45:17	4.36
T3	0:30:11:15	0:34:35:03	4.24

Additional Notes

T2 – beginning of transect no clapper board

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB4	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-05-00	**Recorder**	Williams
Time	10:00	**Video tape no.**	NMPMP/bvt/15.05.00 /#1		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14546 ° S		113.75813 ° E			
Finish						
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14569 ° S		113.75813 ° E			
Finish						
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14588 ° S		113.75816 ° E			
Finish						
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB4	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	12:00	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.14546 ° S			113.75813 ° E		**Yes**	☐	**No** ☒
Site location	Coral Bay						

Habitat Description

Subtidal lagoonal coral reef dominated by *Acropora* sp. and *Montipora* sp.

Dominant Species

Seagrass	
Macro-algae	
Coral	*Acropora* sp., *Montipora* sp. Some *Echnopora* sp., *Millepora* sp., *Stylophora* sp., *Platygyra* sp., *Glaxea* sp., and *Sinularia* sp. (soft coral)
Fish	
Invertebrates	Tridacna sp. (clam)

Other Features

Impact or Activity

Anchor damage (Tape counter 0:20:18:04). No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB15-05-00 /#1	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB4	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Start time	12:00	**Finish time**	13:00	**Depth (m)**	3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 15-05-00/#1	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:15:00:00	**To:**	0:31:10:07

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:15:32:14	0:19:51:04	4.19
T2	0:20:43:06	0:24:32:03	3.49
T3	0:26:11:14	0:30:13:18	4.02

TRANSECT DATA SHEET

Project	CORAL BAY 1989 – 2000				**Field Survey**		MAY 2000
Site No.	CB5	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	12:30	**Video tape no.**	NMPMP/bvt/16.05.00 /#3		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13698 ° S		113.76790 ° E			
Finish	-23.13706 ° S		113.76748 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13713 ° S		113.76786 ° E			
Finish	-23.13719 ° S		113.76745 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13728 ° S		113.76793 ° E			
Finish	-23.13726 ° S		113.76748 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB5	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	12:30	**Weather**	fine		
Sea	calm	**Water depth (m)**	2.0	**Water visibility (m)**			

GPS Latitude	**GPS Longitude**	**Differential**			
-23.13698 ° S	113.76790 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef dominated by *Echinopora* sp.

Dominant Species

Seagrass	
Macro-algae	Significant amounts of macroalgae
Coral	*Hydnophora* sp., *Echinopora* sp., *Galaxea* sp., *Acropora* sp., *Fungia* sp., *Platygyra* sp., *Favites* sp., *Cyphastrea* sp., *and Merulina* sp.
Fish	
Invertebrates	

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB16-05-00 /#3	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	CORAL BAY 1989					**Field Survey**		MAY 2000
Site No.	CB5	**Site Name**	Coral Bay/Bill's Bay		**Date**	16-5-00	**Recorder**	Cary
Start time	12:30	**Finish time**	13:30	**Depth (m)**		2.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 16-05-00/#3	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:14:04:07	**To:**	0:31:22:04

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:15:40:13	0:19:53:23	4.13
T2	0:20:22:06	0:25:34:15	5.12
T3	0:25:48:07	0:31:22:04	5.34

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB6	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	16:35	**Video tape no.**	NMPMP/bvt/16.05.00 /#4		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13715 ° S		113. 76502 ° E			
Finish	-23.13713 ° S		113.76457 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13725 ° S		113.76500 ° E			
Finish	-23.13730 ° S		113.76458 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13740 ° S		113.76508 ° E			
Finish	-23.13738 ° S		113.76465 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB6	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	16:35	**Weather**	Fine		
Sea	calm	**Water depth (m)**	2.0-3.0	**Water visibility (m)**			

GPS Latitude	**GPS Longitude**	**Differential**			
-23.13715 ° S	113.76502 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef

Dominant Species

Seagrass	
Macro-algae	Some macroalgae
Coral	*Echinopora* sp., *Cyphastrea* sp., *Favites* sp., *Acropora* sp., *Merulina* sp., *Galaxea* sp., *Pavona* sp., *Montipora* sp., , *Fungia* sp., and *Platygyura* sp.
Fish	
Invertebrates	

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* of COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB16-05-00 /#4	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	CORAL BAY 1989					**Field Survey**		MAY 2000
Site No.	CB6	**Site Name**	Coral Bay/Bill's Bay		**Date**	16-5-00	**Recorder**	Cary
Start time	16:35	**Finish time**	17:35	**Depth (m)**		2.0-3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.											
Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 16-05-00/#4	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:13:36:00	**To:**	0:32:45:02

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:18:27:13	0:22:54:01	4.27
T2	0:22:59:12	0:27:42:11	4.43
T3	0:28:27:12	0:32:45:02	4.18

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB7	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	15:22	**Video tape no.**	NMPMP/bvt/17.05.00 /#6&7		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13915 ° S		113.76283 ° E			
Finish	-23.13900 ° S		113.76245 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.139320 ° S		113.76278 ° E			
Finish	-23.13920 ° S		113.76243 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13947 ° S		113.76270 ° E			
Finish	-23.13937 ° S		113.76233 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB7	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	15:22	**Weather**		
Sea			**Water depth (m)**	2.0-4.0	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.13915 ° S			113.76283 ° E		**Yes**	☐	**No** ☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef (profile: high relief) dominated by *Echinopora* sp. (sub-massive) and *Porites* sp. (sub-massive). Dead coral predominantly *Echinopora* sp. (sub-massive) standing and knocked down.

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green
Coral	*Echinopora* sp. (sub-massive), *Acropora* sp. (branching), *Porites* sp. (massive and sub-massive), *Montipora* sp. (foliose)
Fish	Scaridae (parrotfish), Chaetodontidae (butterflyfish), Kyphosidae (drummers) and Pomacentridae (damselfish)
Invertebrates	

Other Features

Very large *Porites* sp. (massive) off transect.

Impact or Activity

No litter or other impacts. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#6&7	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NINGALOO MARINE PARK MONITORING PROGRAM				**Field Survey**		MAY 2000
Site No.	CB7	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	15:22	**Finish time**	15:52	**Depth (m)**	2.0-4.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.															
Focus mode				**Exposure mode**				**Program mode**				**White balance mode**				
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐	
Lens system				**Filters**								**Lights**				
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒	

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#6&7	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	Tape #6 0:39:34:19 Tape #7 0:00:00:00	**To:**	Tape #6 0:50:29:19 Tape #7 0:05:31:04

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:40:48:23	0:45:29:23	4.41
T2	0:46:14:07	0:50:29:19	4.15
T3	0:00:56:00	0:05:31:04	4.35

Additional Notes

T3 Battery ran out towards end of T3, so T3 re-filmed on tape #6.

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB8	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-05-00	**Recorder**	Williams
Time	15:00	**Video tape no.**	NMPMP/bvt/15.05.00 /#2		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14208 ° S		113.75680 ° E			
Finish						
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14224 ° S		113.75673 ° E			
Finish						
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.14243 ° S		113.75670 ° E			
Finish						
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB8	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac	**Time**	15:00	**Weather**			
Sea		**Water depth (m)**	5.0	**Water visibility (m)**			

GPS Latitude	**GPS Longitude**	**Differential**			
-23.14208 ° S	113.75680 ° E	**Yes**	☐	**No**	☒

Site location	Coral Bay

Habitat Description

Subtidal lagoonal coral reef dominated by *Echinopora* sp. and *Acropora* sp..

Dominant Species

Seagrass	
Macro-algae	
Coral	*Echinopora* sp., *Acropora* sp. (branching and plate), *Millepora* sp. and *Stylophora* sp.
Fish	
Invertebrates	

Other Features

Impact or Activity

Bleached coral (good for educational usage). No signs of human impact. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB15-05-00 /#2	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB8	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Start time	14:30	**Finish time**	15:30	**Depth (m)**	8.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 15-05-00/#2	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:16:19:20

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:00:35:07	0:04:17:02	3.42
T2	0:04:57:09	0:10:00:10	5.03
T3	0:11:14:02	0:16:19:20	5.05

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB9	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	11:51	**Video tape no.**	NMPMP/bvt/16.05.00 /#3		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13151 ° S		113.76613 ° E			
Finish	-23.13136 ° S		113.76570 ° E			
Notes: (e.g. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13131 ° S		113.76611 ° E			
Finish	-23.13154 ° S		113.76571 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13168 ° S		113.76616 ° E			
Finish	-23.13169 ° S		113.76575 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB9	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	11:51	**Weather**	fine		
Sea	calm	**Water depth (m)**	2.0	**Water visibility (m)**	3.0		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.13151 ° S	113.76613 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef.

Dominant Species

Seagrass	
Macro-algae	Significant amounts of macroalgae
Coral	*Echinopora* sp., *Favia* sp., *Cyphastrea* sp., *Merulina* sp., *Favites* sp., *Galaxea* sp., *Acropora* sp., *and Platygyra* sp.
Fish	
Invertebrates	*Tridacna* sp. (calm)

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB16-05-00 /#3	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB9	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Cary
Start time	11:51	**Finish time**	12:00	**Depth (m)**	2.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 16-05-00/#3	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:14:04:07

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:00:52:17	0:05:29:16	4.37
T2	0:05:34:09	0:10:03:13	4.29
T3	0:10:08:12	0:14:04:07	3.56

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB10	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	15:56	**Video tape no.**	NMPMP/bvt/16.05.00 /#4		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13177 ° S		113.76355 ° E			
Finish	-23.13175 ° S		113.76308 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13188 ° S		113.76357 ° E			
Finish	-23.13190 ° S		113.76310 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13203 ° S		113.76363 ° E			
Finish	-23.13205 ° S		113.76320 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB10	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac		**Time**	15:56	**Weather**	Fine	
Sea	calm		**Water depth (m)**	1.0-2.0	**Water visibility (m)**		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.13177 ° S	113.76355 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef. Very low coral cover (~1-2%)

Dominant Species

Seagrass	
Macro-algae	
Coral	*Cyphastrea* sp. and *Acropora* sp.
Fish	
Invertebrates	

Other Features

Possible dead anemone (badly decomposed)

Impact or Activity

No signs of impact or litter. Some bleaching observed. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB16-05-00 /#4	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB10	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Cary
Start time	15:56	**Finish time**	16:30	**Depth (m)**	1.0-2.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 16-05-00/#4	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:13:30:16

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:01:46:07	0:05:39:24	3.53
T2	0:05:44:05	0:09:30:04	3.46
T3	0:09:33:23	0:13:30:16	3.57

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB11	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	16:10	**Video tape no.**	NMPMP/bvt/17.05.00 /#7		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13200 ° S		113.76068 ° E			
Finish	-23.13202 ° S		113.76028 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13223 ° S		113.76068 ° E			
Finish	-23.13227 ° S		113.76030 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13237 ° S		113.76070 ° E			
Finish	-23.13245 ° S		113.76037 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB11	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	16:10	**Weather**		
Sea			**Water depth (m)**	1.0-3.5	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.13200 ° S			113.76068 ° E		**Yes**	☐	**No** ☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef (profile: high relief) with very low coral cover dominated by *Acropora* sp. (digitate). Dead coral standing and knocked down.

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green algae
Coral	*Echinopora* sp. (sub-massive), *Favites* sp. (massive), *Porites* sp. (massive) and *Acropora* sp. (tabulate and digitate)
Fish	Plotasidae (catfish)
Invertebrates	*Tridacna* sp. (clam)

Other Features

Possible dead anemone (badly decomposed)

Impact or Activity

No litter or other impacts. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#7	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB11	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	16:10	**Finish time**	16:40	**Depth (m)**	1.0-3.5	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#7	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:06:10:05	**To:**	0:23:47:15

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:07:53:16	0:12:45:16	4.52
T2	0:13:58:05	0:18:01:12	4.03
T3	0:19:24:13	0:23:33:04	4.09

Additional Notes

T2 transect line not in viewfinder for ~10-20 cm
T3 transect line not in viewfinder for ~10-20 cm

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB12	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	11:28	**Video tape no.**	NMPMP/bvt/17.05.00 /#5		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13285 ° S		113.75280 ° E			
Finish	-23.13292 ° S		113.75237 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13310 ° S		113.75268 ° E			
Finish	-23.13312 ° S		113.75230 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.13335 ° S		113.75273 ° E			
Finish	-23.13337 ° S		113.75225 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB12	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	11:28	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.13285 ° S			113.75280 ° E		**Yes**	☐	**No** ☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef dominated by *Echinopora* sp. (sub-massive), *Montipora* sp. (foliose) and *Acropora* sp. (digitate and branching). High diversity of corals at the site.

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green and *Dictyota* sp.
Coral	*Porites* sp. (massive), *Echinopora* sp. (sub-massive), *Montipora* sp. (foliose), *Favites* sp. (massive), *Seriatopora* sp. (digitate and tabulate), *Fungia* sp., *Platygyra* sp. (massive), *Lobophyllia* sp. (massive) and *Merulina* sp. (foliose)
Fish	
Invertebrates	

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* or COTS sighted. No *Panularius* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#5	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB12	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	11:28	**Finish time**	11:58	**Depth (m)**	5.5	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#5	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:29:45:06	**To:**	0:44:56:07

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:30:59:05	0:35:29:00	4.30
T2	0:36:17:21	0:40:33:05	4.16
T3	0:40:35:09	0:44:56:07	4.21

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB13	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	11:00	**Video tape no.**	NMPMP/bvt/15.05.00 /#2		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12559 ° S		113.76396 ° E			
Finish	-23.12573 ° S		113.76355 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12576 ° S		113.76405 ° E			
Finish	-23.12586 ° S		113.76360 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12598 ° S		113.76398 ° E			
Finish	-23.12604 ° S		113.76356 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB13	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	11:07	**Weather**	fine		
Sea	calm	**Water depth (m)**	2.0	**Water visibility (m)**	3.0		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.12559 ° S	113.76396 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef with a high diversity and many massives.

Dominant Species

Seagrass	
Macro-algae	
Coral	*Porites* sp. (small), *Echinopora* sp., *Favia* sp., *Favites* sp., *Hydrophora* sp., *Cyphastrea* sp., *Platygyra* sp, *Montipora* sp., *Merulina* sp., and *Fungia* sp..
Fish	
Invertebrates	*Tridacna* sp. (clam)

Other Features

Impact or Activity

No signs of impact or litter. Evidence of bleached corals (still white), which will probably recover. Water was noticeably cooler. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB15-05-00 /#2	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB13	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Cary
Start time	11:07	**Finish time**	12:00	**Depth (m)**	2.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 15-05-00/#2	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:15:41:20	**To:**	0:30:16:12

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:16:31:12	0:21:27:12	4.56
T2	0:22:59:11	0:26:38:09	3.39
T3	0:26:38:09	0:30:16:12	3.38

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB14	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-05-00	**Recorder**	Williams
Time	15:16	**Video tape no.**	NMPMP/bvt/16.05.00 /#3		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12590 ° S		113.75833 ° E			
Finish	-23.12585 ° S		113.75792 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12610 ° S		113.75835 ° E			
Finish	-23.12600 ° S		113.75790 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12630 ° S		113.75842 ° E			
Finish	-23.12623 ° S		113.75797 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB14	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Simpson
Vessel	CALM 3.5M Zodiac	**Time**	15:16	**Weather**	fine		
Sea	calm	**Water depth (m)**	1.0-2.0	**Water visibility (m)**			

GPS Latitude	**GPS Longitude**	**Differential**			
-23.12590 ° S	113.75833 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef. Very low coral cover on unstable substrate

Dominant Species

Seagrass	
Macro-algae	
Coral	*Acropora* sp. and *Porites* sp.
Fish	
Invertebrates	*Tridacna* sp. (clam)

Other Features

Possible dead anemone (badly decomposed)

Impact or Activity

No signs of impact or litter. Not *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB16-05-00 /#3	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB14	**Site Name**	Coral Bay/Bill's Bay	**Date**	16-5-00	**Recorder**	Cary
Start time	15:15	**Finish time**	16:20	**Depth (m)**	1.0-2.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 16-05-00/#3	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:31:22:04	**To:**	0:43:49:01

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:33:15:05	0:37:02:02	3.47
T2	0:37:12:08	0:40:30:01	3.18
T3	0:40:34:19	0:43:49:01	3.15

TRANSECT DATA SHEET

Project	CORAL BAY 1989 – 2000				**Field Survey**		MAY 2000
Site No.	CB15	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	10:37	**Video tape no.**	NMPMP/bvt/17.05.00 /#5		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12752 ° S		113.75662 ° E			
Finish	-23.12755 ° S		113.75660 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12770 ° S		113.75660 ° E			
Finish	-23.12777 ° S		113.75615 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12795 ° S		113.75658 ° E			
Finish	-23.12797 ° S		113.75618 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB15	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	10:37	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.12752 ° S	113.75662 ° E	**Yes**	☐	**No**	☒

Site location	Bill's Bay

Habitat Description

Subtidal lagoonal coral reef with low coral cover (~10%) but with a high diversity of small corals.

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green and *Dictyota* sp.
Coral	Few Acopora sp. (digitate and tabulate), *Montipora* sp. (foliose and sub-massive), *Merulina* sp., *Echinopora* sp. (sub-massive), *Favites* sp. (massive) and *Porites* sp. (massive)
Fish	Scaridae (parrotfish)
Invertebrates	*Tridacna* sp. (clam)

Other Features

Possible dead anemone (badly decomposed)

Impact or Activity

No signs of impact or litter. One small bleached *Favites* sp. (massive). No *Drupella* or COTS sighted. No Panulirus sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#5	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB15	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	10:37	**Finish time**	11:07	**Depth (m)**	3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#5	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:14:21:13	**To:**	0:29:44:11

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:16:05:23	0:20:18:01	4.13
T2	0:20:46:13	0:24:46:02	4.00
T3	0:24:48:16	0:29:44:11	4.56

Additional Notes

T2 – beginning of transect no clapper board

TRANSECT DATA SHEET

Project	CORAL BAY 1989 – 2000				**Field Survey**		MAY 2000
Site No.	CB16	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-05-00	**Recorder**	Williams
Time	09:20	**Video tape no.**	NMPMP/bvt/17.05.00 /#5		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12585 ° S		113.75377 ° E			
Finish	-23.12578 ° S		113.75332 ° E			
Notes: (eg. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	~20
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12603 ° S		113.75375 ° E			
Finish	-23.12603 ° S		113.75330 ° E			
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**		**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**
Start	-23.12617 ° S		113.75373 ° E			
Finish	-23.12627 ° S		113.75325 ° E			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB16	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	9:50	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		
GPS Latitude			**GPS Longitude**		**Differential**		
-23.12585 ° S			113.75377 ° E		**Yes**	☐	**No** ☒
Site location	Bill's Bay						

Habitat Description

Subtidal lagoonal coral reef dominated by *Acropora* sp. (tabular and branching).

Dominant Species

Seagrass	
Macro-algae	Filamentous blue-green and *Dictyota* sp.
Coral	*Acropora* sp. (tabular and branching), *Montipora* sp. (foliose and sub-massive), *Favites* sp. (massive), *Porites* sp. (massive), *Favia* sp. (massive) and *Platyyra* sp. (massive).
Fish	Scaridae (parrotfish), Labridae (wrasse) and Chaetodonitidae (butterflyfish)
Invertebrates	*Cypraea tigris* (tiger cowrie) x2 and *Tridacna* sp. (clam)

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB17-05-00 /#5	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB16	**Site Name**	Coral Bay/Bill's Bay	**Date**	17-5-00	**Recorder**	Cary
Start time	09:20	**Finish time**	09:50	**Depth (m)**	3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 17-05-00/#5	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:14:21:13

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:01:09:14	0:05:24:03	4.15
T2	0:05:56:20	0:10:06:06	4.10
T3	0:10:07:15	0:14:21:13	4.14

TRANSECT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB17	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-05-00	**Recorder**	Williams
Time	10:00	**Video tape no.**	NMPMP/bvt/15.05.00 /#1		**Video operator**		Cary

T1	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T2 (m)**	
Transect	**GPS Lat**	**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**	
Start	-23.14983 ° S	113.76290 ° E	3.0			
Finish	-23.14991 ° S	113.76251 ° E				
Notes: (e.g. description of habitat and dominant species along transect)						

T2	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T3 (m)**	
Transect	**GPS Lat**	**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**	
Start	-23.14993 ° S	113.76286 ° E				
Finish	-23.15004 ° S	113.76243 ° E				
Notes:						

T3	**Length (m)**	**50**	**Compass bearing (°)**		**Distance to T1 (m)**	~40
Transect	**GPS Lat**	**GPS Long**	**Depth (m)**	**Picket type**	**Picket ht (m)**	
Start	-23.15009 ° S	113.76283 ° E	1.5-2.0			
Finish	-23.15021 ° S	113.76240 ° E	1.5-2.0			
Notes:						

HABITAT DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB17	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Vessel	CALM 3.5M Zodiac		**Time**	10:00	**Weather**		
Sea			**Water depth (m)**	3.0	**Water visibility (m)**		

GPS Latitude	**GPS Longitude**	**Differential**			
-23.14983 ° S	113.76290 ° E	**Yes**	☐	**No**	☒

Site location	Coral Bay

Habitat Description

Subtidal lagoonal coral reef dominated by *Acropora* sp. and *Montipora* sp.

Dominant Species

Seagrass	
Macro-algae	
Coral	*Acropora* sp. (branching & plate), *Montipora* sp. Some *Millepora* sp. and *Stylophora* sp.
Fish	
Invertebrates	

Other Features

Impact or Activity

No signs of impact or litter. No *Drupella* or COTS sighted. No *Panulirus* sp. sighted.

Video reference	NMPMP/bvt/CB15-05-00 /#1	**Aerial reference**	/WA /RUN /
Slide reference		**Print reference**	

VIDEO DATA SHEET

Project	NMPMP: CORAL BAY				**Field Survey**		MAY 2000
Site No.	CB17	**Site Name**	Coral Bay/Bill's Bay	**Date**	15-5-00	**Recorder**	Cary
Start time	10:00	**Finish time**	11:30	**Depth (m)**	3.0	**Visibility (m)**	

Underwater Video System	Canon MV1 digital camcorder in Amphibico housing.

Focus mode				**Exposure mode**				**Program mode**				**White balance mode**			
Auto	☒	Manual	☐	Auto	☒	Manual	☐	Sports	☐	High-speed	☒	Auto	☒	Outdoor	☐
Lens system				**Filters**								**Lights**			
Wide-angle	☒	Zoom-macro	☐	None	☒	Red	☐	Yellow	☐	Orange	☐	On	☐	Off	☒

Video operator	Cary	**Tape no.**	NMPMP/bvt/CB 15-05-00/#1	**Height above substrate (cm)**	
Time coding for all video footage at site:		**From:**	0:00:00:00	**To:**	0:15:00:00

Transect time coding	**Start**	**Finish**	**Total time (mins/secs)**
T1	0:01:04:16	0:06:01:09	4.57
T2	0:06:32:00	0:10:11:14	3.39
T3	0:10:51:14	0:14:33:23	3.42

APPENDIX 4: LINE INTERCEPT TRANSECT DATA

CB 1: CORAL BAY - TRANSECT 1

Length 1	Length 2	Field Code	% Cover
0.00	1.35	R	2.70
1.35	1.50	MERS	0.30
1.50	1.76	R	0.52
1.76	1.80	FAVS	0.08
1.80	2.08	R	0.56
2.08	2.25	FAVM	0.34
2.25	2.37	R	0.24
2.37	2.46	FAVE	0.18
2.46	2.70	R	0.48
2.70	3.05	ACRB	0.70
3.05	3.28	RK	0.46
3.28	3.40	FAVS	0.24
3.40	3.85	RK	0.90
3.85	4.15	FAVE	0.60
4.15	4.20	RK	0.10
4.20	4.25	FAVE	0.10
4.25	4.28	RK	0.06
4.28	4.32	FAVE	0.08
4.32	4.40	R	0.16
4.40	4.50	FAVE	0.20
4.50	5.20	RK	1.40
5.20	5.26	FAVS	0.12
5.26	5.38	RK	0.24
5.38	5.58	FAVS	0.40
5.58	5.80	RK	0.44
5.80	5.82	FAVS	0.04
5.82	6.60	RK	1.56
6.60	6.80	FAVS	0.40
6.80	7.67	RK	1.74
7.67	7.70	FAVE	0.06
7.70	8.28	RK	1.16
8.28	8.30	FAVS	0.04
8.30	9.50	R	2.40
9.50	9.60	S	0.20
9.60	10.92	R	2.64
10.92	11.10	FAVS	0.36
11.10	11.30	R	0.40
11.30	11.60	FAVS	0.60
11.60	11.70	RK	0.20
11.70	11.80	FAVS	0.20
11.80	12.00	RK	0.40
12.00	12.10	FUN	0.20
12.10	12.97	R	1.74
12.97	13.00	FAVS	0.06
13.00	13.10	RK	0.20
13.10	13.28	PORS	0.36
13.28	13.45	RK	0.34
13.45	13.50	PORS	0.10
13.50	13.69	RK	0.38
13.69	13.72	OT	0.06
13.72	14.00	RK	0.56
14.00	14.15	FUN	0.30
14.15	14.30	FAVE	0.30
14.30	14.35	RK	0.10
14.35	14.42	MERS	0.14
14.42	14.45	RK	0.06
14.45	14.50	FAVE	0.10
14.50	14.70	RK	0.40
14.70	14.80	FUN	0.20
14.80	15.00	RK	0.40
15.00	15.18	FAVS	0.36
15.18	15.30	RK	0.24
15.30	15.34	FUN	0.08
15.34	15.80	R	0.92
15.80	16.49	RK	1.38
16.49	16.53	MERE	0.08
16.53	16.80	RK	0.54
16.80	16.83	FAVS	0.06
16.83	17.10	RK	0.54
17.10	17.20	FUN	0.20
17.20	17.51	RK	0.62
17.51	17.65	PORS	0.28
17.65	18.10	RK	0.90
18.10	18.20	FAVE	0.20
18.20	18.48	RK	0.56
18.48	18.58	FAVE	0.20
18.58	18.83	RK	0.50
18.83	18.90	PECF	0.14
18.90	19.48	RK	1.16
19.48	19.59	PORS	0.22
19.59	19.78	RK	0.38
19.78	19.84	FAVE	0.12
19.84	19.88	RK	0.08
19.88	19.91	FUN	0.06
19.91	20.62	RK	1.42
20.62	20.80	FAVS	0.36
20.80	20.85	RK	0.10
20.85	20.88	FUN	0.06
20.88	21.12	RK	0.48
21.12	21.13	FAVS	0.02
21.13	22.36	RK	2.46
22.36	22.41	FAVS	0.10
22.41	23.42	RK	2.02
23.42	23.50	FAVE	0.16
23.50	24.80	RK	2.60
24.80	24.92	PORS	0.24
24.92	24.98	RK	0.12
24.98	25.10	FAVS	0.24
25.10	25.20	DCA	0.20
25.20	25.35	FAVS	0.30
25.35	25.50	RK	0.30

Length 1	Length 2	Field Code	% Cover
25.50	25.65	PORS	0.30
25.65	25.70	FUN	0.10
25.70	25.85	FAVE	0.30
25.85	26.15	RK	0.60
26.15	26.20	FAVS	0.10
26.20	26.34	RK	0.28
26.34	26.40	FAVS	0.12
26.40	26.60	RK	0.40
26.60	26.81	FAVM	0.42
26.81	27.40	RK	1.18
27.40	27.50	PORS	0.20
27.50	27.70	RK	0.40
27.70	27.80	FUN	0.20
27.80	27.88	RK	0.16
27.88	28.02	FAVM	0.28
28.02	28.09	RK	0.14
28.09	28.20	MERE	0.22
28.20	28.50	RK	0.60
28.50	28.52	PORS	0.04
28.52	28.70	FAVS	0.36
28.70	28.90	RK	0.40
28.90	29.00	FAVS	0.20
29.00	29.32	RK	0.64
29.32	29.60	FAVS	0.56
29.60	30.25	RK	1.30
30.25	30.30	FAVM	0.10
30.30	30.35	MUSM	0.10
30.35	30.50	RK	0.30
30.50	30.60	PORS	0.20
30.60	30.80	RK	0.40
30.80	31.00	FAVE	0.40
31.00	31.50	RK	1.00
31.50	31.52	FAVS	0.04
31.52	31.68	RK	0.32
31.68	31.77	MUSM	0.18
31.77	31.80	RK	0.06
31.80	31.95	PORS	0.30
31.95	32.15	RK	0.40
32.15	32.30	FAVS	0.30
32.30	32.40	FAVS	0.20
32.40	32.50	RK	0.20
32.50	32.65	PORS	0.30
32.65	32.80	RK	0.30
32.80	32.85	FAVS	0.10
32.85	33.00	RK	0.30
33.00	33.30	FAVS	0.60
33.30	34.65	R	2.70
34.65	34.70	FAVE	0.10
34.70	36.00	RK	2.60
36.00	36.40	FAVS	0.80
36.40	36.70	RK	0.60
36.70	36.81	FAVS	0.22
36.81	37.00	RK	0.38
37.00	37.10	FAVS	0.20
37.10	37.20	RK	0.20
37.20	37.40	FAVS	0.40
37.40	37.69	S	0.58
37.69	38.54	R	1.70
38.54	38.60	FAVS	0.12
38.60	39.10	R	1.00
39.10	39.19	MERE	0.18
39.19	40.00	R	1.62
40.00	40.08	FAVE	0.16
40.08	40.25	R	0.34
40.25	40.70	ACRS	0.90
40.70	41.00	R	0.60
41.00	41.20	ACRS	0.40
41.20	41.60	RK	0.80
41.60	41.75	ACRS	0.30
41.75	42.00	R	0.50
42.00	42.50	ACRS	1.00
42.50	43.04	R	1.08
43.04	43.20	MERS	0.32
43.20	43.35	FAVE	0.30
43.35	43.50	RK	0.30
43.50	43.70	MERF	0.40
43.70	43.85	FAVM	0.30
43.85	45.75	ACRB	3.80
45.75	46.40	ACRD	1.30
46.40	46.60	S	0.40
46.60	46.76	RK	0.32
46.76	47.00	PORS	0.48
47.00	47.30	S	0.60
47.30	48.80	R	3.00
48.80	49.10	S	0.60
49.10	49.20	R	0.20
49.20	50.00	S	1.60

CB 1: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.05	S	0.10
0.15	0.21	FAVE	0.12
0.21	1.35	S	2.28
1.35	1.60	RK	0.50
1.60	2.32	ACRB	1.44
2.32	2.70	S	0.76
2.70	2.80	RK	0.20
2.80	3.10	S	0.60
3.10	3.25	FUN	0.30
3.25	3.40	RK	0.30
3.40	3.48	FAVE	0.16
3.48	3.90	R	0.84
3.90	4.00	FAVS	0.20
4.00	4.17	R	0.34
4.17	4.25	ACRF	0.16
4.25	4.82	R	1.14
4.82	4.90	FAVS	0.16
4.90	5.00	MERS	0.20
5.00	5.10	RK	0.20
5.10	5.20	ACRS	0.20
5.20	7.35	R	4.30
7.35	7.50	ACRF	0.30
7.50	7.60	R	0.20
7.60	7.70	ACRE	0.20
7.70	8.00	R	0.60
8.00	8.25	ACRF	0.50
8.25	10.55	R	4.60
10.55	10.80	ACRF	0.50
10.80	11.45	R	1.30
11.45	11.56	ACRF	0.22
11.56	11.75	RK	0.38
11.75	11.80	FAVM	0.10
11.80	13.80	R	4.00
13.80	13.91	FAVS	0.22
13.91	14.74	R	1.66
14.74	14.84	FAVM	0.20
14.84	15.25	S	0.82
15.25	15.42	RK	0.34
15.42	15.54	FAVM	0.24
15.54	15.58	RK	0.08
15.58	15.62	PORS	0.08
15.62	15.75	RK	0.26
15.75	16.05	S	0.60
16.05	16.20	ACRS	0.30
16.20	16.30	RK	0.20
16.30	16.35	FAVE	0.10
16.35	16.40	RK	0.10
16.40	16.65	ACRS	0.50
16.65	16.75	RK	0.20
16.75	16.82	FAVE	0.14
16.82	16.90	RK	0.16
16.90	17.05	ACRS	0.30
17.05	18.50	R	2.90
18.50	19.00	FAVS	1.00
19.00	19.35	RK	0.70
19.35	19.40	ACRS	0.10
19.40	20.10	R	1.40
20.10	20.22	ACRS	0.24
20.22	21.40	R	2.36
21.40	21.45	FAVS	0.10
21.45	22.00	R	1.10
22.00	22.10	RK	0.20
22.10	22.25	ACRF	0.30
22.25	22.70	S	0.90
22.70	23.20	R	1.00
23.20	23.30	ACRF	0.20
23.30	23.40	FAVM	0.20
23.40	23.60	S	0.40
23.60	24.00	ACRD	0.80
24.00	24.12	RK	0.24
24.12	24.20	FAVS	0.16
24.20	25.20	RK	2.00
25.20	25.38	ACRF	0.36
25.38	25.54	S	0.32
25.54	25.85	ACRF	0.62
25.85	26.05	FAVE	0.40
26.05	26.15	RK	0.20
26.15	26.20	FAVE	0.10
26.20	26.32	RK	0.24
26.32	26.65	PORS	0.66
26.65	26.78	RK	0.26
26.78	26.85	FAVE	0.14
26.85	27.74	RK	1.78
27.74	27.75	FAVE	0.02
27.75	28.10	S	0.70
28.10	28.15	FAVS	0.10
28.15	28.35	RK	0.40
28.35	28.54	FAVS	0.38
28.54	28.60	S	0.12
28.60	28.65	FAVS	0.10
28.65	29.30	R	1.30
29.30	29.39	ACRF	0.18
29.39	30.20	RK	1.62
30.20	30.30	OT	0.20
30.30	31.20	R	1.80
31.20	31.35	FAVS	0.30
31.35	33.25	R	3.80
33.25	33.40	DC1	0.30
33.40	33.50	RK	0.20
33.50	33.55	FAVS	0.10
33.55	36.60	R	6.10
36.60	36.65	S	0.10
36.65	37.40	R	1.50
37.40	37.58	DC1	0.36
37.58	40.40	R	5.64
40.40	40.65	DC2	0.50
40.65	41.30	R	1.30
41.30	41.40	FAVM	0.20
41.40	43.60	R	4.40

Length 1	Length 2	Field Code	% Cover
43.60	44.70	ACRB	2.20
44.70	45.70	R	2.00
45.70	45.80	MUSM	0.20
45.80	50.00	R	8.40

CB 1: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	4.22	R	8.44
4.22	4.30	FAVS	0.16
4.30	5.55	R	2.50
5.55	5.60	PORS	0.10
5.60	10.70	R	10.20
10.70	11.30	S	1.20
11.30	11.40	R	0.20
11.40	11.70	S	0.60
11.70	12.60	R	1.80
12.60	12.74	FAVM	0.28
12.74	12.95	R	0.42
12.95	13.00	FAVM	0.10
13.00	14.35	R	2.70
14.35	14.44	FAVE	0.18
14.44	15.85	R	2.82
15.85	15.90	FAVM	0.10
15.90	20.58	R	9.36
20.58	20.60	PORS	0.04
20.60	21.00	R	0.80
21.00	21.15	FAVM	0.30
21.15	22.40	RK	2.50
22.40	22.51	PORM	0.22
22.51	23.00	RK	0.98
23.00	23.60	R	1.20
23.60	23.75	MERM	0.30
23.75	27.30	R	7.10
27.30	27.90	S	1.20
27.90	28.00	FAVS	0.20
28.00	28.35	R	0.70
28.35	28.42	FAVM	0.14
28.42	28.55	RK	0.26
28.55	28.65	FAVS	0.20
28.65	28.95	RK	0.60
28.95	29.00	PORS	0.10
29.00	29.52	R	1.04
29.52	29.55	FAVS	0.06
29.55	29.80	R	0.50
29.80	29.88	FAVM	0.16
29.88	29.90	RK	0.04
29.90	30.20	FAVS	0.60
30.20	30.52	R	0.64
30.52	30.55	FAVS	0.06
30.55	32.32	R	3.54
32.32	32.40	PORS	0.16
32.40	35.38	R	5.96
35.38	35.41	FAVE	0.06
35.41	36.20	R	1.58
36.20	36.25	PORS	0.10
36.25	37.52	R	2.54
37.52	37.70	FAVM	0.36
37.70	37.70	RK	0.00
37.70	37.80	FAVS	0.20
37.80	37.82	RK	0.04
37.82	37.90	PORS	0.16
37.90	38.10	RK	0.40
38.10	38.19	FAVM	0.18
38.19	38.40	RK	0.42
38.40	38.50	FAVS	0.20
38.50	38.60	FAVS	0.20
38.60	39.00	RK	0.80
39.00	39.15	FAVS	0.30
39.15	39.50	RK	0.70
39.50	40.00	S	1.00
40.00	40.05	FAVM	0.10
40.05	40.55	S	1.00
40.55	42.00	RK	2.90
42.00	42.20	FAVS	0.40
42.20	42.30	PORS	0.20
42.30	42.95	RK	1.30
42.95	43.20	OT	0.50
43.20	43.71	R	1.02
43.71	43.77	PORS	0.12
43.77	44.50	R	1.46
44.50	44.52	FAVM	0.04
44.52	45.28	R	1.52
45.28	45.31	PORS	0.06
45.31	46.60	R	2.58
46.60	46.68	FAVM	0.16
46.68	48.00	R	2.64
48.00	48.20	MERM	0.40
48.20	50.00	S	3.60

CB 2: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	1.15	RK	2.30
1.15	1.30	ACRD	0.30
1.30	1.70	RK	0.80
1.70	1.90	POCB	0.40
1.90	2.10	RK	0.40
2.10	2.25	ARCE	0.30
2.25	2.38	RK	0.26
2.38	2.42	POCB	0.08
2.42	3.20	RK	1.56
3.20	3.60	ACRD	0.80
3.60	6.00	ACRB	4.80
6.00	6.30	ACRD	0.60
6.30	6.60	PORM	0.60
6.60	6.90	ACRD	0.60
6.90	7.15	RK	0.50
7.15	7.75	ACRD	1.20
7.75	9.80	ACRB	4.10
9.80	10.15	ACRE	0.70
10.15	10.25	ACRF	0.20
10.25	13.80	ACRB	7.10
13.80	14.50	SC	1.40
14.50	16.70	RK & S	4.40
16.70	16.90	ACRD	0.40
16.90	17.00	DCA	0.20
17.00	17.10	S	0.20
17.10	17.20	DCA	0.20
17.20	17.32	S	0.24
17.32	19.00	ACRB	3.36
19.00	19.25	RK	0.50
19.25	19.90	ACRB	1.30
19.90	20.20	RK	0.60
20.20	20.30	FAVS	0.20
20.30	20.80	RK	1.00
20.80	21.00	ACRB	0.40
21.00	21.55	RK	1.10
21.55	21.95	ACRD	0.80
21.95	22.70	R	1.50
22.70	23.40	ACRD	1.40
23.40	23.65	ACRT	0.50
23.65	23.85	RK	0.40
23.85	24.00	ACRD	0.30
24.00	24.15	ACRF	0.30
24.15	24.20	ACRD	0.10
24.20	24.30	RK	0.20
24.30	24.35	ACRB	0.10
24.35	24.60	RK	0.50
24.60	24.80	ACRD	0.40
24.80	25.25	RK	0.90
25.25	25.30	ACRE	0.10
25.30	25.50	S	0.40
25.50	26.85	RK	2.70
26.85	27.25	ACRD	0.80
27.25	30.00	ACRB	5.50
30.00	30.20	DCA	0.40
30.20	31.15	ACRB	1.90
31.15	31.40	RK	0.50
31.40	31.55	S	0.30
31.55	31.85	RK	0.60
31.85	32.00	S	0.30
32.00	32.10	RK	0.20
32.10	32.20	R	0.20
32.20	32.55	RK	0.70
32.55	32.70	S	0.30
32.70	32.90	RK	0.40
32.90	33.00	POCB	0.20
33.00	34.90	ACRB	3.80
34.90	35.00	ACRF	0.20
35.00	38.45	ACRB	6.90
38.45	38.80	R	0.70
38.80	42.70	ACRB	7.80
42.70	43.15	ACRB	0.90
43.15	43.45	POCB	0.60
43.45	43.50	RK	0.10
43.50	43.70	ACRB	0.40
43.70	43.78	RK	0.16
43.78	44.10	ACRB	0.64
44.10	44.15	S	0.10
44.15	44.70	ACRD	1.10
44.70	45.50	RK	1.60
45.50	45.90	S	0.80
45.90	46.10	RK	0.40
46.10	46.20	S	0.20
46.20	46.55	RK	0.70
46.55	46.65	OT	0.20
46.65	47.85	RK	2.40
47.85	48.00	ACRE	0.30
48.00	48.50	RK	1.00
48.50	48.80	ACRD	0.60
48.80	49.00	RK	0.40
49.00	49.30	S	0.60
49.30	49.40	POCB	0.20
49.40	50.00	RK	1.20

CB 2: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	2.10	RK	4.20
2.10	4.70	ACRB	5.20
4.70	4.80	RK	0.20
4.80	6.90	ACRB	4.20
6.90	7.15	RK	0.50
7.15	7.20	ACRB	0.10
7.20	7.90	RK	1.40
7.90	8.00	ACRB	0.20
8.00	8.90	RK	1.80
8.90	11.00	ACRB	4.20
11.00	13.00	DCA	4.00
13.00	13.55	POCB	1.10
13.55	13.60	ACRB	0.10
13.60	14.00	RK	0.80
14.00	14.10	ACRD	0.20
14.10	15.10	DCA	2.00
15.10	15.25	ACRF	0.30
15.25	16.10	DCA	1.70
16.10	16.25	ACRF	0.30
16.25	16.50	RK	0.50
16.50	16.80	ACRB	0.60
16.80	17.10	RK	0.60
17.10	17.40	ACRB	0.60
17.40	17.50	ACRD	0.20
17.50	18.35	RK	1.70
18.35	18.70	ACRD	0.70
18.70	18.80	RK	0.20
18.80	19.15	ACRD	0.70
19.15	19.35	RK	0.40
19.35	20.30	ACRD	1.90
20.30	20.50	RK	0.40
20.50	21.30	ACRD	1.60
21.30	22.50	RK	2.40
22.50	23.50	ACRD	2.00
23.50	24.65	FAVE	2.30
24.65	26.00	ACRB	2.70
26.00	26.20	ACRD	0.40
26.20	26.60	RK	0.80
26.60	27.75	DCA	2.30
27.75	28.50	ACRT	1.50
28.50	28.60	RK	0.20
28.60	28.70	ACRT	0.20
28.70	28.90	RK	0.40
28.90	29.90	ACRT	2.00
29.90	30.00	RK	0.20
30.00	30.20	ACRB	0.40
30.20	30.50	RK	0.60
30.50	33.10	ACRB	5.20
33.10	33.70	S	1.20
33.70	33.72	OT	0.04
33.72	35.50	ACRB	3.56
35.50	36.00	RK	1.00
36.00	36.50	POCD	1.00
36.50	36.70	RK	0.40
36.70	36.80	ACRB	0.20
36.80	38.50	R	3.40
38.50	42.10	POCD	7.20
42.10	43.00	RK	1.80
43.00	43.60	POCD	1.20
43.60	44.00	ACRD	0.80
44.00	44.80	ACRT	1.60
44.80	47.80	ACRB	6.00
47.80	48.10	ACRF	0.60
48.10	48.20	POCB	0.20
48.20	48.40	ACRF	0.40
48.40	48.50	RK	0.20
48.50	50.00	ACRB	3.00

CB 2: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	1.20	ACRB	2.40
1.20	4.50	RK	6.60
4.50	5.30	DCA	1.60
5.30	10.00	ACRB	9.40
10.00	10.20	RK	0.40
10.20	10.70	S	1.00
10.70	10.90	RK	0.40
10.90	11.00	FAVM	0.20
11.00	11.50	RK	1.00
11.50	11.70	ACRE	0.40
11.70	12.40	RK	1.40
12.40	12.55	ACRE	0.30
12.55	13.38	RK	1.66
13.38	13.80	ACRE	0.84
13.80	14.10	RK	0.60
14.10	14.20	ACRD	0.20
14.20	14.50	RK	0.60
14.50	14.65	ACRD	0.30
14.65	14.80	RK	0.30
14.80	15.10	ACRF	0.60
15.10	15.25	RK	0.30
15.25	15.35	ACRE	0.20
15.35	15.42	ACRD	0.14
15.42	16.00	RK	1.16
16.00	16.05	FAVE	0.10
16.05	16.15	ACRD	0.20
16.15	16.50	RK	0.70
16.50	17.20	ACRE	1.40
17.20	17.65	ACRF	0.90
17.65	17.85	ACRD	0.40
17.85	18.45	ACRF	1.20
18.45	18.50	ACRD	0.10
18.50	18.70	ACRF	0.40
18.70	18.90	MIL	0.40
18.90	19.80	ACRF	1.80
19.80	20.00	RK	0.40
20.00	20.15	ACRD	0.30
20.15	20.70	RK	1.10
20.70	20.90	ACRE	0.40
20.90	21.40	ACRT	1.00
21.40	21.50	ACRF	0.20
21.50	21.60	ACRD	0.20
21.60	21.65	ACRF	0.10
21.65	22.80	RK	2.30
22.80	24.50	DCA	3.40
24.50	25.60	R	2.20
25.60	25.80	POCD	0.40
25.80	26.50	R	1.40
26.50	26.70	POCD	0.40
26.70	28.00	R	2.60
28.00	28.10	POCD	0.20
28.10	28.80	R	1.40
28.80	32.50	ACRB	7.40
32.50	33.65	POCD	2.30
33.65	35.20	ACRB	3.10
35.20	35.65	RK	0.90
35.65	35.80	ACRD	0.30
35.80	35.90	RK	0.20
35.90	37.20	PORM	2.60
37.20	37.60	R	0.80
37.60	37.70	ACRF	0.20
37.70	38.20	R	1.00
38.20	39.00	ACRD	1.60
39.00	40.60	RK	3.20
40.60	41.00	ACRD	0.80
41.00	41.20	RK	0.40
41.20	41.35	ACRD	0.30
41.35	41.50	RK	0.30
41.50	41.60	ACRD	0.20
41.60	41.90	RK	0.60
41.90	42.05	ACRD	0.30
42.05	42.45	S	0.80
42.45	42.70	RK	0.50
42.70	42.90	S	0.40
42.90	43.25	RK	0.70
43.25	43.45	POCB	0.40
43.45	43.70	RK	0.50
43.70	44.05	POCB	0.70
44.05	44.90	RK	1.70
44.90	45.75	ACRE	1.70
45.75	50.00	ACRB	8.50

CB 3: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.30	S	0.60
0.30	0.40	PORS	0.20
0.40	2.00	ACRF	3.20
2.00	2.65	DCA	1.30
2.65	2.90	PORS	0.50
2.90	3.10	RK	0.40
3.10	4.00	ACRF	1.80
4.00	4.20	PORS	0.40
4.20	4.40	ACRF	0.40
4.40	5.15	FAVS	1.50
5.15	5.30	ACRF	0.30
5.30	5.85	ACRB	1.10
5.85	6.40	FAVS	1.10
6.40	6.80	ARCS	0.80
6.80	7.15	RK	0.70
7.15	7.60	PORS	0.90
7.60	7.80	ACRF	0.40
7.80	8.15	RK	0.70
8.15	8.50	PORS	0.70
8.50	8.70	RK	0.40
8.70	8.85	PORS	0.30
8.85	8.92	RK	0.14
8.92	9.10	PORS	0.36
9.10	9.20	RK	0.20
9.20	9.50	PORS	0.60
9.50	9.80	RK	0.60
9.80	9.90	PORS	0.20
9.90	10.00	ACRD	0.20
10.00	10.45	PORS	0.90
10.45	11.20	ACRF	1.50
11.20	11.45	RK	0.50
11.45	12.00	PORS	1.10
12.00	12.25	RK	0.50
12.25	12.30	PORS	0.10
12.30	12.65	RK	0.70
12.65	12.80	ACRF	0.30
12.80	13.20	ACRB	0.80
13.20	13.45	DCA	0.50
13.45	13.70	FAVF	0.50
13.70	13.80	RK	0.20
13.80	15.60	FAVS	3.60
15.60	15.70	ACRF	0.20
15.70	15.90	RK	0.40
15.90	16.00	ACRS	0.20
16.00	16.35	ACRS	0.70
16.35	16.40	RK	0.10
16.40	16.50	ACRF	0.20
16.50	16.65	PORS	0.30
16.65	16.88	ACRF	0.46
16.88	17.00	PORS	0.24
17.00	17.10	RK	0.20
17.10	17.30	ACRS	0.40
17.30	17.70	RK	0.80
17.70	17.90	ACRF	0.40
17.90	18.15	RK	0.50
18.15	18.20	PORS	0.10
18.20	18.65	ACRF	0.90
18.65	18.70	RK	0.10
18.70	18.80	FAVM	0.20
18.80	19.30	RK	1.00
19.30	19.45	ACRS	0.30
19.45	19.75	PORS	0.60
19.75	20.42	DCA	1.34
20.42	20.57	PORS	0.30
20.57	20.60	RK	0.06
20.60	20.80	PORS	0.40
20.80	25.60	DCA	9.60
25.60	26.00	ACRT	0.80
26.00	26.22	RK	0.44
26.22	26.26	ACRD	0.08
26.26	26.30	PORS	0.08
26.30	26.50	RK	0.40
26.50	26.90	PORS	0.80
26.90	27.50	DCA	1.20
27.50	27.62	PORS	0.24
27.62	27.75	RK	0.26
27.75	27.80	PORS	0.10
27.80	28.00	RK	0.40
28.00	28.20	ACRS	0.40
28.20	28.32	PORS	0.24
28.32	28.54	RK	0.44
28.54	28.62	PORS	0.16
28.62	28.90	RK	0.56
28.90	29.02	PORS	0.24
29.02	29.15	ACRF	0.26
29.15	29.45	ACRS	0.60
29.45	29.58	RK	0.26
29.58	29.60	PORS	0.04
29.60	29.70	RK	0.20
29.70	30.50	PORS	1.60
30.50	30.60	RK	0.20
30.60	31.27	ACRF	1.34
31.27	31.40	RK	0.26
31.40	31.75	ACRS	0.70
31.75	31.80	ACRB	0.10
31.80	32.00	PORS	0.40
32.00	32.50	ACRF	1.00
32.50	32.60	RK	0.20
32.60	32.70	DC1	0.20
32.70	32.90	ACRF	0.40
32.90	33.20	FAVS	0.60
33.20	33.30	ACRF	0.20
33.30	33.40	RK	0.20
33.40	33.60	DCA	0.40
33.60	33.72	DC1	0.24
33.72	33.89	DCA	0.34
33.89	33.96	ACRF	0.14
33.96	35.00	DCA	2.08
35.00	35.12	ACRF	0.24

Length 1	Length 2	Field Code	% Cover
35.12	35.20	RK	0.16
35.20	35.50	ACRF	0.60
35.50	35.68	RK	0.36
35.68	35.70	ACRF	0.04
35.70	35.77	RK	0.14
35.77	36.40	ACRF	1.26
36.40	37.00	DCA	1.20
37.00	37.10	FAVS	0.20
37.10	37.75	DCA	1.30
37.75	37.90	FAVS	0.30
37.90	38.50	DCA	1.20
38.50	38.61	ACRB	0.22
38.61	38.79	RK	0.36
38.79	38.81	PORS	0.04
38.81	39.25	RK	0.88
39.25	39.40	ACRF	0.30
39.40	39.60	DCA	0.40
39.60	39.70	PORS	0.20
39.70	39.80	RK	0.20
39.80	39.90	PORS	0.20
39.90	40.80	DCA	1.80
40.80	41.95	ACRF	2.30
41.95	42.00	DCA	0.10
42.00	42.25	ACRT	0.50
42.25	42.40	PORS	0.30
42.40	42.90	DCA	1.00
42.90	43.00	FAVS	0.20
43.00	43.15	RK	0.30
43.15	44.00	ACRS	1.70
44.00	44.25	RK	0.50
44.25	44.40	ACRF	0.30
44.40	44.50	DC1	0.20
44.50	44.60	PORS	0.20
44.60	44.80	RK	0.40
44.80	45.00	PORS	0.40
45.00	45.35	ACRF	0.70
45.35	45.80	PORS	0.90
45.80	45.90	FAVS	0.20
45.90	46.10	RK	0.40
46.10	46.90	FAVS	1.60
46.90	47.78	ARF	1.76
47.78	48.20	ACRF	0.84
48.20	48.32	FAVS	0.24
48.32	48.60	RK	0.56
48.60	50.00	ACRS	2.80

CB 3: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	1.00	FAVS	2.00
1.00	1.11	RK	0.22
1.11	1.45	FAVS	0.68
1.45	2.45	R	2.00
2.45	2.55	PORS	0.20
2.55	3.40	DCA	1.70
3.40	3.52	PORE	0.24
3.52	4.00	DCA	0.96
4.00	4.05	PORS	0.10
4.05	4.75	DCA	1.40
4.75	4.95	PORS	0.40
4.95	5.10	FAVS	0.30
5.10	5.55	DCA	0.90
5.55	6.80	FAVS	2.50
6.80	7.10	RK	0.60
7.10	7.50	FAVS	0.80
7.50	7.65	POCB	0.30
7.65	7.72	FAVS	0.14
7.72	7.90	RK	0.36
7.90	8.75	FAVS	1.70
8.75	8.85	RK	0.20
8.85	9.00	PORS	0.30
9.00	9.50	DCA	1.00
9.50	9.61	ACRB	0.22
9.61	10.00	RK	0.78
10.00	10.30	ACRS	0.60
10.30	10.40	RK	0.20
10.40	10.80	FAVS	0.80
10.80	11.25	DCA	0.90
11.25	11.34	ACRF	0.18
11.34	11.45	RK	0.22
11.45	11.60	ACRS	0.30
11.60	11.70	RK	0.20
11.70	12.00	PORS	0.60
12.00	13.20	FAVS	2.40
13.20	13.45	ACRF	0.50
13.45	14.10	FAVS	1.30
14.10	14.20	DCA	0.20
14.20	14.40	ACRB	0.40
14.40	14.45	ACRF	0.10
14.45	14.70	ACRS	0.50
14.70	14.82	RK	0.24
14.82	15.00	ACRS	0.36
15.00	15.56	PORS	1.12
15.56	16.00	DCA	0.88
16.00	16.30	RK	0.60
16.30	17.50	ACRS	2.40
17.50	17.60	RK	0.20
17.60	17.70	FAVS	0.20
17.70	17.80	ACRF	0.20
17.80	18.05	FAVS	0.50
18.05	18.55	ACRS	1.00
18.55	19.20	PORS	1.30
19.20	20.70	FAVS	3.00
20.70	21.20	PORS	1.00
21.20	21.60	ACRF	0.80
21.60	24.60	FAVS	6.00
24.60	25.10	DCA	1.00
25.10	25.20	PORS	0.20
25.20	26.00	DCA	1.60
26.00	26.20	ACRF	0.40
26.20	26.38	RK	0.36
26.38	26.45	ACRF	0.14
26.45	26.64	DCA	0.38
26.64	26.85	PORS	0.42
26.85	27.50	DCA	1.30
27.50	27.80	PORS	0.60
27.80	28.30	DCA	1.00
28.30	28.65	ACRF	0.70
28.65	28.90	ACRS	0.50
28.90	29.80	ACRF	1.80
29.80	30.28	DCA	0.96
30.28	30.31	ACRE	0.06
30.31	30.40	RK	0.18
30.40	30.50	ACRE	0.20
30.50	31.65	DCA	2.30
31.65	31.90	ACRF	0.50
31.90	32.60	DCA	1.40
32.60	32.78	ACRD	0.36
32.78	34.20	DCA	2.84
34.20	34.30	ACRS	0.20
34.30	35.22	DCA	1.84
35.22	35.30	ACRS	0.16
35.30	35.85	DCA	1.10
35.85	35.95	ACRS	0.20
35.95	36.00	DCA	0.10
36.00	36.11	ACRD	0.22
36.11	36.30	DCA	0.38
36.30	36.42	ACRF	0.24
36.42	36.50	DCA	0.16
36.50	36.75	POCB	0.50
36.75	37.00	DCA	0.50
37.00	37.10	ACRS	0.20
37.10	37.35	S	0.50
37.35	38.10	ACRB	1.50
38.10	38.20	PORS	0.20
38.20	38.50	S	0.60
38.50	38.80	ACRF	0.60
38.80	38.90	RK	0.20
38.90	39.00	PORS	0.20
39.00	39.25	ARCF	0.50
39.25	39.55	RK	0.60
39.55	39.62	PORS	0.14
39.62	39.98	RK	0.72
39.98	40.10	PORS	0.24
40.10	40.50	RK	0.80
40.50	40.62	ACRS	0.24
40.62	41.65	DCA	2.06
41.65	41.95	PORS	0.60

Length 1	Length 2	Field Code	% Cover
41.95	43.20	DCA	2.50
43.20	43.30	PORS	0.20
43.30	43.80	RK	1.00
43.80	43.82	ACRB	0.04
43.82	44.20	RK	0.76
44.20	44.40	ACRS	0.40
44.40	44.68	RK	0.56
44.68	45.45	PORS	1.54
45.45	45.55	RK	0.20
45.55	45.75	PORS	0.40
45.75	46.60	ACRS	1.70
46.60	46.80	PORS	0.40
46.80	47.10	DCA	0.60
47.10	47.38	FAVS	0.56
47.38	47.65	RK	0.54
47.65	48.00	PORS	0.70
48.00	48.20	ACRT	0.40
48.20	49.00	RK	1.60
49.00	49.40	FAVS	0.80
49.40	49.90	RK	1.00
49.90	50.00	FAVM	0.20

CB 3: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	1.10	FAVS	2.20
1.10	1.25	RK	0.30
1.25	1.50	PORS	0.50
1.50	2.00	RK	1.00
2.00	2.10	ACRF	0.20
2.10	2.60	RK	1.00
2.60	2.90	PORS	0.60
2.90	3.38	RK	0.96
3.38	3.80	PORS	0.84
3.80	5.30	DCA	3.00
5.30	5.45	PORS	0.30
5.45	5.60	RK	0.30
5.60	6.10	ACRF	1.00
6.10	6.30	DCA	0.40
6.30	6.80	FAVS	1.00
6.80	7.00	DCA	0.40
7.00	7.15	FAVS	0.30
7.15	7.52	PORS	0.74
7.52	9.30	DCA	3.56
9.30	9.70	FAVS	0.80
9.70	10.10	DCA	0.80
10.10	10.20	PORS	0.20
10.20	10.25	RK	0.10
10.25	10.70	FAVS	0.90
10.70	10.85	PORS	0.30
10.85	11.70	RK	1.70
11.70	13.00	ACRF	2.60
13.00	13.62	RK	1.24
13.62	14.11	ACRF	0.98
14.11	14.80	RK	1.38
14.80	15.00	ACRF	0.40
15.00	15.60	DCA	1.20
15.60	15.68	POCB	0.16
15.68	15.90	ACRF	0.44
15.90	16.11	PORS	0.42
16.11	16.30	RK	0.38
16.30	16.50	FAVS	0.40
16.50	16.70	RK	0.40
16.70	18.30	FAVS	3.20
18.30	19.10	ACRF	1.60
19.10	19.40	DCA	0.60
19.40	20.90	FAVS	3.00
20.90	21.30	PORS	0.80
21.30	21.50	RK	0.40
21.50	21.60	PORS	0.20
21.60	21.85	FAVS	0.50
21.85	22.34	PORS	0.98
22.34	22.55	RK	0.42
22.55	22.60	ACRD	0.10
22.60	22.80	RK	0.40
22.80	22.95	PORS	0.30
22.95	23.10	RK	0.30
23.10	23.35	PORS	0.50
23.35	24.30	DCA	1.90
24.30	24.45	MERF	0.30
24.45	24.90	ACRS	0.90
24.90	25.30	RK	0.80
25.30	25.35	ACRF	0.10
25.35	25.55	RK	0.40
25.55	26.10	ACRF	1.10
26.10	26.35	DCA	0.50
26.35	26.42	FAVM	0.14
26.42	26.70	ACRF	0.56
26.70	27.40	ACRF	1.40
27.40	27.65	RK	0.50
27.65	27.70	ACRF	0.10
27.70	28.40	RK	1.40
28.40	31.00	ACRF	5.20
31.00	31.20	DCA	0.40
31.20	32.30	ACRF	2.20
32.30	32.40	ACRS	0.20
32.40	32.50	RK	0.20
32.50	32.62	ACRF	0.24
32.62	32.80	RK	0.36
32.80	33.00	PORS	0.40
33.00	33.10	RK	0.20
33.10	33.60	PORS	1.00
33.60	33.70	RK	0.20
33.70	34.00	ACRS	0.60
34.00	34.30	ACRF	0.60
34.30	34.65	RK	0.70
34.65	35.00	PORS	0.70
35.00	35.50	RK	1.00
35.50	36.60	PORS	2.20
36.60	37.60	ACRF	2.00
37.60	38.00	DCA	0.80
38.00	38.27	ACRF	0.54
38.27	38.70	DCA	0.86
38.70	39.90	ACRF	2.40
39.90	40.05	DCA	0.30
40.05	40.20	ACRF	0.30
40.20	40.60	DCA	0.80
40.60	41.70	ACRF	2.20
41.70	42.00	FAVS	0.60
42.00	42.30	ACRF	0.60
42.30	42.45	DCA	0.30
42.45	42.90	ACRF	0.90
42.90	43.00	RK	0.20
43.00	43.70	ACRF	1.40
43.70	44.00	ACRE	0.60
44.00	44.10	PORS	0.20
44.10	44.60	DCA	1.00
44.60	44.74	PORS	0.28
44.74	44.05	FAVS	-1.38
44.05	44.80	ACRF	1.50
44.80	45.70	DCA	1.80
45.70	45.95	PORS	0.50
45.95	46.30	RK	0.70
46.30	46.50	FAVS	0.40

Length 1	Length 2	Field Code	% Cover
46.50	46.80	RK	0.60
46.80	47.00	ACRS	0.40
47.00	47.95	RK	1.90
47.95	48.40	FAVS	0.90
48.40	48.80	DCA	0.80
48.80	50.00	FAVS	2.40

CB 4: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.50	ACRB	1.00
0.50	1.10	DCA	1.20
1.10	1.55	ACRB	0.90
1.55	1.90	RK	0.70
1.90	2.00	ACRF	0.20
2.00	2.40	RK	0.80
2.40	2.55	ACRD	0.30
2.55	2.65	RK	0.20
2.65	3.00	ACRD	0.70
3.00	3.70	RK	1.40
3.70	3.80	ACRD	0.20
3.80	4.20	RK	0.80
4.20	4.30	ACRD	0.20
4.30	4.40	RK	0.20
4.40	5.20	ACRB	1.60
5.20	5.50	RK	0.60
5.50	5.90	DCA	0.80
5.90	6.85	ACRB	1.90
6.85	7.10	ACRD	0.50
7.10	7.30	RK	0.40
7.30	8.20	ACRF	1.80
8.20	8.50	DCA	0.60
8.50	8.80	ACRF	0.60
8.80	9.10	RK	0.60
9.10	9.20	ACRF	0.20
9.20	9.30	RK	0.20
9.30	9.80	ACRF	1.00
9.80	10.00	RK	0.40
10.00	10.20	ACRF	0.40
10.20	10.75	ACRD	1.10
10.75	11.20	FAVT	0.90
11.20	11.70	ACRF	1.00
11.70	12.45	RK	1.50
12.45	12.60	POCS	0.30
12.60	13.10	RK	1.00
13.10	13.50	FAVS	0.80
13.50	14.00	RK	1.00
14.00	14.10	ACRB	0.20
14.10	14.20	RK	0.20
14.20	14.60	FAVS	0.80
14.60	15.00	FAVM	0.80
15.00	16.30	RK	2.60
16.30	16.80	FAVS	1.00
16.80	16.90	MILS	0.20
16.90	17.00	RK	0.20
17.00	17.60	FAVS	1.20
17.60	17.70	ACRB	0.20
17.70	17.80	RK	0.20
17.80	18.35	ACRF	1.10
18.35	18.45	RK	0.20
18.45	18.60	FAVS	0.30
18.60	18.85	RK	0.50
18.85	19.00	POCB	0.30
19.00	19.60	FAVE	1.20
19.60	19.85	ACRF	0.50
19.85	20.00	POCS	0.30
20.00	20.28	ACRF	0.56
20.28	20.50	FAVE	0.44
20.50	20.90	FAVT	0.80
20.90	21.45	RK	1.10
21.45	21.55	FAVE	0.20
21.55	22.30	RK	1.50
22.30	22.40	ACRF	0.20
22.40	22.60	RK	0.40
22.60	22.73	POCS	0.26
22.73	23.20	RK	0.94
23.20	23.30	POCS	0.20
23.30	23.60	RK	0.60
23.60	24.60	ACRF	2.00
24.60	25.00	RK	0.80
25.00	25.30	DCA	0.60
25.30	25.50	POCB	0.40
25.50	25.80	RK	0.60
25.80	26.05	POCB	0.50
26.05	26.60	ACRF	1.10
26.60	26.70	FAVE	0.20
26.70	27.15	ACRF	0.90
27.15	27.20	POCB	0.10
27.20	27.35	ACRF	0.30
27.35	28.30	DCA	1.90
28.30	28.50	FAVE	0.40
28.50	29.50	DCA	2.00
29.50	30.00	ACRF	1.00
30.00	30.30	FAVT	0.60
30.30	31.00	DCA	1.40
31.00	31.10	ACRF	0.20
31.10	31.70	DCA	1.20
31.70	32.20	ACRB	1.00
32.20	32.50	MILE	0.60
32.50	32.57	DCA	0.14
32.57	32.60	ACRB	0.06
32.60	33.45	DCA	1.70
33.45	34.00	ACRB	1.10
34.00	34.15	RK	0.30
34.15	34.30	FAVE	0.30
34.30	34.75	ACRF	0.90
34.75	35.30	ACRB	1.10
35.30	35.70	DCA	0.80
35.70	36.30	ACRB	1.20
36.30	36.60	DCA	0.60
36.60	36.80	ACRB	0.40
36.80	37.30	DCA	1.00
37.30	37.35	ACRB	0.10
37.35	37.60	DCA	0.50
37.60	38.00	FAVT	0.80
38.00	38.80	ACRF	1.60
38.80	39.00	ACRB	0.40
39.00	39.20	POCB	0.40
39.20	40.00	FAVE	1.60

Length 1	Length 2	Field Code	% Cover
40.00	40.10	RK	0.20
40.10	40.40	FAVE	0.60
40.40	40.55	DCA	0.30
40.55	41.20	ACRF	1.30
41.20	41.75	FAVS	1.10
41.75	41.90	ACRF	0.30
41.90	42.20	DCA	0.60
42.20	45.50	ACRB	6.60
45.50	45.60	ACRF	0.20
45.60	46.20	DCA	1.20
46.20	46.50	ACRF	0.60
46.50	47.00	RK	1.00
47.00	47.20	FAVE	0.40
47.20	47.30	RK	0.20
47.30	48.00	FAVE	1.40
48.00	48.60	ACRB	1.20
48.60	48.90	DCA	0.60
48.90	49.20	ACRF	0.60
49.20	49.80	RK	1.20
49.80	50.00	ACRF	0.40

CB 4: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	1.30	ACRB	2.60
1.30	1.50	DCA	0.40
1.50	1.70	ACRB	0.40
1.70	2.30	DCA	1.20
2.30	3.30	ACRB	2.00
3.30	5.20	ACRF	3.80
5.20	5.65	ACRB	0.90
5.65	5.95	RK	0.60
5.95	6.05	ACRB	0.20
6.05	7.00	FAVE	1.90
7.00	8.60	S	3.20
8.60	9.05	POCB	0.90
9.05	9.75	ACRF	1.40
9.75	10.00	ACRB	0.50
10.00	10.20	ACRF	0.40
10.20	10.30	RK	0.20
10.30	10.50	POCB	0.40
10.50	10.80	ACRF	0.60
10.80	11.00	POCB	0.40
11.00	11.55	RK	1.10
11.55	12.25	ACRF	1.40
12.25	12.80	POCS	1.10
12.80	13.00	RK	0.40
13.00	13.25	FAVM	0.50
13.25	13.40	POCS	0.30
13.40	14.10	ACRT	1.40
14.10	14.45	RK	0.70
14.45	14.50	ACRF	0.10
14.50	14.51	POCS	0.02
14.51	15.20	ACRE	1.38
15.20	15.40	RK	0.40
15.40	18.30	FAVS	5.80
18.30	18.45	RK	0.30
18.45	19.30	ARF	1.70
19.30	26.40	ACRB	14.20
26.40	26.95	POCB	1.10
26.95	27.30	ACRF	0.70
27.30	27.60	DCA	0.60
27.60	27.85	ACRF	0.50
27.85	28.00	RK	0.30
28.00	29.05	ACRE	2.10
29.05	30.30	RK	2.50
30.30	30.70	ACRE	0.80
30.70	31.10	RK	0.80
31.10	31.45	ACRF	0.70
31.45	31.55	RK	0.20
31.55	31.70	POCS	0.30
31.70	31.90	RK	0.40
31.90	32.10	ACRF	0.40
32.10	32.30	RK	0.40
32.30	32.60	ACRF	0.60
32.60	32.70	RK	0.20
32.70	32.80	POCS	0.20
32.80	33.20	RK	0.80
33.20	33.60	DCA	0.80
33.60	33.80	ACRF	0.40
33.80	33.90	RK	0.20
33.90	34.05	ACRD	0.30
34.05	35.00	RK	1.90
35.00	36.20	ACRB	2.40
36.20	36.50	POCS	0.60
36.50	37.20	RK	1.40
37.20	37.40	FAVS	0.40
37.40	37.85	ACRF	0.90
37.85	38.15	RK	0.60
38.15	38.45	ACRB	0.60
38.45	38.60	ACRF	0.30
38.60	38.95	RK	0.70
38.95	39.50	ACRB	1.10
39.50	40.20	ACRF	1.40
40.20	40.60	RK	0.80
40.60	44.10	ACRB	7.00
44.10	44.70	DCA	1.20
44.70	48.20	ACRB	7.00
48.20	48.90	ACRF	1.40
48.90	49.10	RK	0.40
49.10	50.00	ACRT	1.80

CB 4: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.30	ACRB	0.60
0.30	0.50	ACRF	0.40
0.50	1.00	DC1 (ACRF)	1.00
1.00	1.80	RK	1.60
1.80	2.00	ACRF	0.40
2.00	2.30	RK	0.60
2.30	2.42	ACRF	0.24
2.42	2.50	POCB	0.16
2.50	2.60	ACRF	0.20
2.60	2.70	POCB	0.20
2.70	2.75	ACRF	0.10
2.75	3.60	RK	1.70
3.60	3.80	POCB	0.40
3.80	4.05	DC1 (ACRF)	0.50
4.05	5.00	RK	1.90
5.00	5.20	ACRF	0.40
5.20	5.50	RK	0.60
5.50	5.70	ACRF	0.40
5.70	6.15	RK	0.90
6.15	6.34	ACRF	0.38
6.34	7.00	RK	1.32
7.00	7.40	ACRE	0.80
7.40	7.55	RK	0.30
7.55	7.60	POCB	0.10
7.60	8.90	ACRF	2.60
8.90	9.10	ACRF	0.40
9.10	9.35	RK	0.50
9.35	9.40	POCB	0.10
9.40	9.75	RK	0.70
9.75	9.85	POCB	0.20
9.85	10.00	RK	0.30
10.00	10.10	POCB	0.20
10.10	13.30	DCA	6.40
13.30	13.40	ACRF	0.20
13.40	13.80	DCA	0.80
13.80	14.30	R	1.00
14.30	14.80	DCA	1.00
14.80	15.10	RK	0.60
15.10	16.60	ACRF	3.00
16.60	16.90	RK	0.60
16.90	17.00	DCA	0.20
17.00	17.10	POCB	0.20
17.10	17.20	OT (CLAM)	0.20
17.20	17.40	RK	0.40
17.40	17.60	ACRF	0.40
17.60	17.70	RK	0.20
17.70	17.85	ACRF	0.30
17.85	18.00	FAVE	0.30
18.00	18.45	ACRF	0.90
18.45	18.60	RK	0.30
18.60	18.80	ACRF	0.40
18.80	19.10	RK	0.60
19.10	19.15	ACRB	0.10
19.15	19.25	RK	0.20
19.25	19.40	ACRB	0.30
19.40	20.10	ACRF	1.40
20.10	20.30	ACRB	0.40
20.30	20.55	RK	0.50
20.55	21.10	DC1 (ACRF)	1.10
21.10	21.25	RK	0.30
21.25	21.50	ACRF	0.50
21.50	21.60	RK	0.20
21.60	21.65	ACRF	0.10
21.65	22.45	DCA	1.60
22.45	22.90	ACRF	0.90
22.90	23.10	PORM	0.40
23.10	23.20	RK	0.20
23.20	23.50	ACRF	0.60
23.50	23.75	RK	0.50
23.75	23.80	ACRB	0.10
23.80	24.10	RK	0.60
24.10	24.20	PORM	0.20
24.20	26.60	R	4.80
26.60	26.90	FAVM	0.60
26.90	27.30	RK	0.80
27.30	27.60	FAVS	0.60
27.60	27.90	RK	0.60
27.90	28.00	ACRF	0.20
28.00	28.10	RK	0.20
28.10	28.30	ACRF	0.40
28.30	28.70	RK	0.80
28.70	28.85	ACRF	0.30
28.85	29.00	RK	0.30
29.00	29.31	ACRF	0.62
29.31	29.55	RK	0.48
29.55	29.70	POCS	0.30
29.70	29.75	RK	0.10
29.75	30.10	ACRF	0.70
30.10	30.40	RK	0.60
30.40	30.45	POCS	0.10
30.45	30.70	RK	0.50
30.70	30.80	ACRB	0.20
30.80	31.32	POCS	1.04
31.32	32.40	S	2.16
32.40	32.55	POCB	0.30
32.55	32.60	ACRF	0.10
32.60	32.85	RK	0.50
32.85	32.90	ACRF	0.10
32.90	33.05	RK	0.30
33.05	33.90	ACRF	1.70
33.90	34.15	RK	0.50
34.15	34.20	POCS	0.10
34.20	34.30	RK	0.20
34.30	34.40	ACRS	0.20
34.40	34.70	RK	0.60
34.70	34.85	POCS	0.30
34.85	35.40	ACRF	1.10
35.40	35.50	RK	0.20

Length 1	Length 2	Field Code	% Cover
35.50	35.80	ACRF	0.60
35.80	36.35	RK	1.10
36.35	37.50	ACRF	2.30
37.50	38.00	RK	1.00
38.00	38.10	ACRD	0.20
38.10	38.25	RK	0.30
38.25	38.45	ACRD	0.40
38.45	38.70	RK	0.50
38.70	38.80	ACRB	0.20
38.80	38.95	RK	0.30
38.95	39.10	POCB	0.30
39.10	39.15	RK	0.10
39.15	39.65	ACRF	1.00
39.65	39.90	RK	0.50
39.90	40.00	POCS	0.20
40.00	40.20	RK	0.40
40.20	42.20	ACRB	4.00
42.20	42.90	ARF	1.40
42.90	43.15	POCB	0.50
43.15	43.40	ACRF	0.50
43.40	43.55	ACRD	0.30
43.55	43.82	ACRF	0.54
43.82	43.95	POCS	0.26
43.95	44.25	RK	0.60
44.25	44.40	ACRF	0.30
44.40	44.70	FAVS	0.60
44.70	44.90	RK	0.40
44.90	45.10	FAVS	0.40
45.10	45.30	RK	0.40
45.30	45.40	POCS	0.20
45.40	45.70	RK	0.60
45.70	46.00	POCS	0.60
46.00	46.20	ACRF	0.40
46.20	46.40	POCS	0.40
46.40	47.00	ACRF	1.20
47.00	47.20	RK	0.40
47.20	47.30	POCS	0.20
47.30	48.00	RK	1.40
48.00	48.05	POCS	0.10
48.05	48.20	RK	0.30
48.20	48.60	ACRF	0.80
48.60	48.85	RK	0.50
48.85	49.05	POCS	0.40
49.05	49.15	S	0.20
49.15	49.20	R	0.10
49.20	49.30	POCS	0.20
49.30	50.00	RK	1.40

CB 5: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	1.50	ACRT	3.00
1.50	2.10	R	1.20
2.10	2.30	FAVS	0.40
2.30	5.40	R	6.20
5.40	5.45	FAVE	0.10
5.45	6.75	R	2.60
6.75	6.80	FAVS	0.10
6.80	7.00	RK	0.40
7.00	7.80	FAVS	1.60
7.80	8.20	R	0.80
8.20	10.60	FAVS	4.80
10.60	11.75	R	2.30
11.75	12.15	FAVS	0.80
12.15	13.40	R	2.50
13.40	13.50	FAVM	0.20
13.50	14.00	R	1.00
14.00	14.70	FAVS	1.40
14.70	14.90	PORS	0.40
14.90	18.40	R	7.00
18.40	18.50	OCU	0.20
18.50	18.90	R	0.80
18.90	19.00	MERF	0.20
19.00	19.25	RK	0.50
19.25	19.30	OCU	0.10
19.30	19.50	RK	0.40
19.50	19.80	FAVS	0.60
19.80	19.90	RK	0.20
19.90	20.00	PORS	0.20
20.00	24.10	R	8.20
24.10	24.40	FAVS	0.60
24.40	26.58	R	4.36
26.58	26.85	MERF	0.54
26.85	28.78	R	3.86
28.78	28.85	FAVM	0.14
28.85	30.30	R	2.90
30.30	30.80	FAVS	1.00
30.80	37.70	R	13.80
37.70	38.40	PORS	1.40
38.40	39.90	R	3.00
39.90	40.00	PORM	0.20
40.00	42.25	R	4.50
42.25	42.30	MUS	0.10
42.30	44.00	R	3.40
44.00	44.10	PORS	0.20
44.10	44.20	RK	0.20
44.20	44.32	FAVM	0.24
44.32	44.45	RK	0.26
44.45	44.70	ACRD	0.50
44.70	44.98	RK	0.56
44.98	45.00	FAVS	0.04
45.00	46.00	RK	2.00
46.00	46.30	FAVS	0.60
46.30	46.55	RK	0.50
46.55	47.00	FAVS	0.90
47.00	47.20	RK	0.40
47.20	47.30	FAVM	0.20
47.30	47.38	RK	0.16
47.38	47.80	FAVS	0.84
47.80	48.45	RK	1.30
48.45	48.75	PORS	0.60
48.75	49.18	RK	0.86
49.18	49.20	PORS	0.04
49.20	50.00	FAVS	1.60

CB 5: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	1.00	R	2.00
1.00	1.20	FAVS	0.40
1.20	2.30	R	2.20
2.30	2.40	PORS	0.20
2.40	2.90	RK	1.00
2.90	3.00	FAVS	0.20
3.00	5.32	R	4.64
5.32	5.65	S	0.66
5.65	6.15	FAVS	1.00
6.15	7.35	R	2.40
7.35	7.50	FAVS	0.30
7.50	8.20	R	1.40
8.20	8.30	FAVS	0.20
8.30	9.00	R	1.40
9.00	9.10	FAVS	0.20
9.10	9.45	R	0.70
9.45	9.65	FAVM	0.40
9.65	10.35	FAVS	1.40
10.35	10.45	FAVM	0.20
10.45	11.32	R	1.74
11.32	11.50	PORS	0.36
11.50	11.75	R	0.50
11.75	11.85	FAVS	0.20
11.85	11.95	R	0.20
11.95	12.00	FUN	0.10
12.00	12.05	RK	0.10
12.05	12.20	FAVS	0.30
12.20	12.45	R	0.50
12.45	12.60	FAVS	0.30
12.60	12.80	R	0.40
12.80	13.00	ARCF	0.40
13.00	16.10	R	6.20
16.10	16.20	FAVS	0.20
16.20	16.30	R	0.20
16.30	16.90	FAVS	1.20
16.90	17.22	R	0.64
17.22	17.32	FAVM	0.20
17.32	17.40	R	0.16
17.40	17.48	FAVM	0.16
17.48	17.55	PORS	0.14
17.55	17.72	R	0.34
17.72	17.75	FUN	0.06
17.75	17.85	R	0.20
17.85	17.90	FAVS	0.10
17.90	18.60	FAVS	1.40
18.60	19.65	R	2.10
19.65	19.85	ACRD	0.40
19.85	20.80	R	1.90
20.80	20.85	FAVM	0.10
20.85	21.10	R	0.50
21.10	21.15	FAVM	0.10
21.15	21.60	R	0.90
21.60	21.75	PORS	0.30
21.75	22.40	R	1.30
22.40	22.65	FAVS	0.50
22.65	23.15	R	1.00
23.15	23.30	FAVM	0.30
23.30	24.50	R	2.40
24.50	24.60	FAVS	0.20
24.60	25.70	R	2.20
25.70	25.75	FAVE	0.10
25.75	26.00	R	0.50
26.00	26.20	FAVS	0.40
26.20	26.30	R	0.20
26.30	26.50	PORS	0.40
26.50	27.00	FAVS	1.00
27.00	27.70	S	1.40
27.70	28.20	RK	1.00
28.20	29.85	FAVS	3.30
29.85	30.50	R	1.30
30.50	30.75	ACRF	0.50
30.75	31.00	RK	0.50
31.00	31.50	FAVS	1.00
31.50	32.15	RK	1.30
32.15	32.22	FAVM	0.14
32.22	33.20	RK	1.96
33.20	33.25	FAVM	0.10
33.25	33.40	RK	0.30
33.40	33.50	FAVS	0.20
33.50	33.68	RK	0.36
33.68	33.75	FAVS	0.14
33.75	33.80	RK	0.10
33.80	33.85	FAVS	0.10
33.85	34.10	RK	0.50
34.10	34.33	FAVM	0.46
34.33	34.70	R	0.74
34.70	34.80	PORS	0.20
34.80	35.13	R	0.66
35.13	35.21	FAVM	0.16
35.21	35.35	R	0.28
35.35	35.53	FAVS	0.36
35.53	35.65	DC1	0.24
35.65	35.80	R	0.30
35.80	35.90	FAVS	0.20
35.90	36.50	R	1.20
36.50	36.62	FAVS	0.24
36.62	38.35	RK	3.46
38.35	38.50	PORS	0.30
38.50	38.52	FAVE	0.04
38.52	39.30	FAVS	1.56
39.30	40.20	RK	1.80
40.20	40.60	PORS	0.80
40.60	40.90	R	0.60
40.90	42.00	FAVS	2.20
42.00	42.15	FAVE	0.30
42.15	43.40	FAVS	2.50
43.40	43.70	R	0.60
43.70	44.00	FAVS	0.60
44.00	44.40	RK	0.80

Length 1	Length 2	Field Code	% Cover
44.40	45.10	FAVS	1.40
45.10	45.40	R	0.60
45.40	45.70	FAVS	0.60
45.70	49.15	R	6.90
49.15	49.30	PORS	0.30
49.30	49.50	R	0.40
49.50	49.60	MUS	0.20
49.60	50.00	R	0.80

CB 5: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.80	FAVS	1.60
0.80	1.00	FAVM	0.40
1.00	1.26	R	0.52
1.26	1.28	PORM	0.04
1.28	1.35	R	0.14
1.35	1.40	PORM	0.10
1.40	2.30	R	1.80
2.30	2.33	PORS	0.06
2.33	2.45	R	0.24
2.45	2.60	PORS	0.30
2.60	3.30	R	1.40
3.30	3.35	FAVE	0.10
3.35	3.40	R	0.10
3.40	3.50	MUS	0.20
3.50	3.59	R	0.18
3.59	3.66	FAVM	0.14
3.66	6.20	R	5.08
6.20	6.31	PORS	0.22
6.31	6.42	RK	0.22
6.42	8.00	FAVS	3.16
8.00	8.30	PORM	0.60
8.30	9.70	FAVS	2.80
9.70	10.50	S	1.60
10.50	11.30	FAVS	1.60
11.30	12.05	DCA	1.50
12.05	12.15	FAVE	0.20
12.15	12.31	RK	0.32
12.31	13.10	FAVS	1.58
13.10	13.15	S	0.10
13.15	13.20	PORS	0.10
13.20	14.00	R	1.60
14.00	14.10	PORS	0.20
14.10	14.45	FAVS	0.70
14.45	14.55	PORM	0.20
14.55	14.60	RK	0.10
14.60	14.70	FAVF	0.20
14.70	15.10	FAVS	0.80
15.10	15.20	RK	0.20
15.20	15.50	ACRD	0.60
15.50	16.18	RK	1.36
16.18	16.30	FAVS	0.24
16.30	16.40	S	0.20
16.40	16.56	RK	0.32
16.56	16.80	PORS	0.48
16.80	17.15	RK	0.70
17.15	17.30	PORS	0.30
17.30	18.90	S	3.20
18.90	20.15	FAVS	2.50
20.15	20.50	S	0.70
20.50	20.65	RK	0.30
20.65	21.90	S	2.50
21.90	22.00	PORS	0.20
22.00	22.90	S	1.80
22.90	23.14	RK	0.48
23.14	23.30	PORS	0.32
23.30	23.48	RK	0.36
23.48	23.65	FAVS	0.34
23.65	23.70	RK	0.10
23.70	24.12	PORS	0.84
24.12	24.35	FAVS	0.46
24.35	25.54	RK	2.38
25.54	25.60	PORS	0.12
25.60	26.50	RK	1.80
26.50	26.60	FAVE	0.20
26.60	27.90	R	2.60
27.90	28.15	RK	0.50
28.15	28.20	PORS	0.10
28.20	29.20	RK	2.00
29.20	29.35	PORS	0.30
29.35	29.85	RK	1.00
29.85	30.20	PORS	0.70
30.20	30.24	R	0.08
30.24	30.28	PORS	0.08
30.28	30.70	FAVS	0.84
30.70	30.85	RK	0.30
30.85	30.95	FAVE	0.20
30.95	31.00	RK	0.10
31.00	31.90	FAVS	1.80
31.90	32.20	RK	0.60
32.20	32.35	FAVS	0.30
32.35	32.85	RK	1.00
32.85	32.92	MUS	0.14
32.92	33.40	RK	0.96
33.40	33.43	FAVM	0.06
33.43	34.00	R	1.14
34.00	34.15	RK	0.30
34.15	34.30	FAVM	0.30
34.30	34.50	RK	0.40
34.50	34.52	FAVM	0.04
34.52	34.62	RK	0.20
34.62	35.05	FAVS	0.86
35.05	35.25	R	0.40
35.25	35.60	FAVS	0.70
35.60	36.52	R	1.84
36.52	36.60	FAVS	0.16
36.60	36.85	RK	0.50
36.85	37.00	FAVS	0.30
37.00	37.25	R	0.50
37.25	37.28	MUS	0.06
37.28	37.55	R	0.54
37.55	37.60	FUN	0.10
37.60	38.45	R	1.70
38.45	38.60	FAVM	0.30
38.60	39.05	R	0.90
39.05	39.10	FAVE	0.10
39.10	40.00	R	1.80
40.00	40.45	FAVS	0.90
40.45	40.84	R	0.78
40.84	40.90	PORE	0.12

Length 1	Length 2	Field Code	% Cover
40.90	41.00	R	0.20
41.00	41.40	FAVS	0.80
41.40	42.15	R	1.50
42.15	42.80	FAVS	1.30
42.80	43.40	R	1.20
43.40	43.50	PORS	0.20
43.50	43.60	FAVS	0.20
43.60	43.78	RK	0.36
43.78	44.60	FAVS	1.64
44.60	45.10	S	1.00
45.10	45.60	FAVS	1.00
45.60	45.64	FAVM	0.08
45.64	45.75	RK	0.22
45.75	45.90	PORS	0.30
45.90	46.05	RK	0.30
46.05	46.10	FAVM	0.10
46.10	46.25	S	0.30
46.25	47.00	FAVS	1.50
47.00	47.15	PORS	0.30
47.15	47.22	S	0.14
47.22	47.31	PORS	0.18
47.31	47.55	RK	0.48
47.55	48.00	FAVS	0.90
48.00	48.10	S	0.20
48.10	48.30	FAVS	0.40
48.30	48.40	RK	0.20
48.40	48.80	FAVS	0.80
48.80	50.00	R	2.40

CB 6: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	2.55	S	5.10
2.55	3.35	FAVS	1.60
3.35	3.62	S	0.54
3.62	3.66	ACRD	0.08
3.66	3.80	FAVM	0.28
3.80	4.12	FAVS	0.64
4.12	4.25	AGAS	0.26
4.25	4.74	FAVS	0.98
4.74	4.80	AGAS	0.12
4.80	5.30	FAVS	1.00
5.30	5.80	RK	1.00
5.80	6.00	S	0.40
6.00	6.30	RK	0.60
6.30	6.40	AGAS	0.20
6.40	6.64	FUNF	0.48
6.64	6.75	RK	0.22
6.75	7.00	S	0.50
7.00	7.22	FAVF	0.44
7.22	7.54	RK	0.64
7.54	7.55	FAVM	0.02
7.55	7.60	RK	0.10
7.60	7.70	AGAS	0.20
7.70	7.90	FAVE	0.40
7.90	8.55	RK	1.30
8.55	8.60	AGAS	0.10
8.60	8.70	RK	0.20
8.70	9.05	FAVS	0.70
9.05	9.30	RK	0.50
9.30	9.45	DCA	0.30
9.45	9.60	FAVS	0.30
9.60	9.75	DCA	0.30
9.75	10.15	RK	0.80
10.15	10.60	FAVS	0.90
10.60	10.85	RK	0.50
10.85	11.00	FAVS	0.30
11.00	11.20	DCA	0.40
11.20	11.40	FAVS	0.40
11.40	11.58	RK	0.36
11.58	11.69	FAVM	0.22
11.69	12.00	DCA	0.62
12.00	12.50	MERF	1.00
12.50	12.74	FAVS	0.48
12.74	13.00	R	0.52
13.00	13.30	FAVF	0.60
13.30	13.85	DCA	1.10
13.85	14.00	ACRD	0.30
14.00	14.95	DCA	1.90
14.95	15.00	ACRD	0.10
15.00	16.20	DCA	2.40
16.20	16.33	R	0.26
16.33	16.60	FAVS	0.54
16.60	19.65	R	6.10
19.65	19.90	AGAS	0.50
19.90	20.00	FAVM	0.20
20.00	20.45	R	0.90
20.45	21.00	FAVS	1.10
21.00	21.25	RK	0.50
21.25	21.32	MUSM	0.14
21.32	21.60	S	0.56
21.60	22.00	FAVS	0.80
22.00	22.38	DCA	0.76
22.38	22.72	FAVS	0.68
22.72	22.80	AGAS	0.16
22.80	23.50	RK	1.40
23.50	23.60	AGAS	0.20
23.60	24.70	FAVS	2.20
24.70	25.60	DCA	1.80
25.60	26.02	RK	0.84
26.02	26.08	FAVS	0.12
26.08	29.25	RK	6.34
29.25	29.30	PORS	0.10
29.30	29.88	R	1.16
29.88	29.95	PORS	0.14
29.95	31.70	R	3.50
31.70	31.90	FAVS	0.40
31.90	32.76	RK	1.72
32.76	32.80	PORS	0.08
32.80	33.89	RK	2.18
33.89	33.90	FAVS	0.02
33.90	47.50	DCA	27.20
47.50	47.70	FAVS	0.40
47.70	47.85	DCA	0.30
47.85	48.00	FAVS	0.30
48.00	48.10	DCA	0.20
48.10	48.55	MERF	0.90
48.55	50.00	DCA	2.90

CB 6: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.35	FAVS	0.70
0.35	1.30	DCA	1.90
1.30	1.42	FAVS	0.24
1.42	2.40	DCA	1.96
2.40	2.55	FAVS	0.30
2.55	3.00	DCA	0.90
3.00	3.30	FAVS	0.60
3.30	3.70	DCA	0.80
3.70	5.10	FAVS	2.80
5.10	6.00	DCA	1.80
6.00	6.20	FAVS	0.40
6.20	6.85	DCA	1.30
6.85	7.00	FAVS	0.30
7.00	7.30	PORS	0.60
7.30	7.50	DCA	0.40
7.50	8.00	MERF	1.00
8.00	8.58	DCA	1.16
8.58	8.85	FAVS	0.54
8.85	9.30	DCA	0.90
9.30	11.00	ACRF	3.40
11.00	16.50	DCA	11.00
16.50	16.55	ACRS	0.10
16.55	18.90	DCA	4.70
18.90	19.25	ACRD	0.70
19.25	19.40	RK	0.30
19.40	19.50	ACRE	0.20
19.50	19.95	RK	0.90
19.95	20.10	ACRE	0.30
20.10	21.65	RK	3.10
21.65	21.72	PORS	0.14
21.72	22.25	RK	1.06
22.25	22.30	FAVS	0.10
22.30	22.40	RK	0.20
22.40	22.55	MERF	0.30
22.55	22.60	RK	0.10
22.60	22.80	FAVS	0.40
22.80	23.38	DCA	1.16
23.38	23.55	FAVS	0.34
23.55	24.10	RK	1.10
24.10	24.20	PORS	0.20
24.20	24.45	RK	0.50
24.45	24.60	FAVM	0.30
24.60	25.40	R	1.60
25.40	27.00	FAVS	3.20
27.00	29.20	AGAF	4.40
29.20	29.70	AGAS	1.00
29.70	30.00	FAVS	0.60
30.00	31.10	AGAF	2.20
31.10	33.70	S	5.20
33.70	34.50	RK	1.60
34.50	34.65	FAVE	0.30
34.65	35.10	RK	0.90
35.10	35.45	FAVS	0.70
35.45	38.25	RK	5.60
38.25	40.05	FAVS	3.60
40.05	40.22	RK	0.34
40.22	40.35	FAVS	0.26
40.35	40.50	PORS	0.30
40.50	40.60	RK	0.20
40.60	40.70	FAVF	0.20
40.70	41.15	RK	0.90
41.15	41.25	PORS	0.20
41.25	42.00	R	1.50
42.00	43.00	RK	2.00
43.00	43.20	RK	0.40
43.20	43.30	PORS	0.20
43.30	43.42	FAVM	0.24
43.42	43.60	RK	0.36
43.60	43.65	FAVM	0.10
43.65	43.80	RK	0.30
43.80	44.00	FAVS	0.40
44.00	44.60	DCA	1.20
44.60	44.90	FAVM	0.60
44.90	45.70	RK	1.60
45.70	45.80	ACRD	0.20
45.80	46.32	RK	1.04
46.32	46.40	ACRD	0.16
46.40	47.00	RK	1.20
47.00	47.30	FAVS	0.60
47.30	47.38	RK	0.16
47.38	47.75	FAVS	0.74
47.75	48.00	FAVE	0.50
48.00	48.05	FAVS	0.10
48.05	48.25	RK	0.40
48.25	48.35	FAVE	0.20
48.35	48.45	RK	0.20
48.45	48.70	PORS	0.50
48.70	49.30	RK	1.20
49.30	49.35	PORS	0.10
49.35	49.75	ACRD	0.80
49.75	50.00	RK	0.50

CB 6: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.25	RK	0.50
0.25	0.60	FAVS	0.70
0.60	0.80	RK	0.40
0.80	1.00	PORS	0.40
1.00	2.50	DCA	3.00
2.50	2.60	FAVS	0.20
2.60	3.70	R	2.20
3.70	4.00	PORS	0.60
4.00	5.00	R	2.00
5.00	5.25	PORS	0.50
5.25	5.50	RK	0.50
5.50	5.70	FAVS	0.40
5.70	5.78	FAVM	0.16
5.78	5.98	RK	0.40
5.98	6.70	FAVS	1.44
6.70	6.90	FAVE	0.40
6.90	7.00	PORS	0.20
7.00	7.42	RK	0.84
7.42	7.46	FAVM	0.08
7.46	8.20	DCA	1.48
8.20	9.10	S	1.80
9.10	9.35	RK	0.50
9.35	9.50	MERF	0.30
9.50	12.40	DCA	5.80
12.40	12.80	FAVS	0.80
12.80	13.50	DCA	1.40
13.50	13.55	FAVS	0.10
13.55	13.60	DCA	0.10
13.60	13.65	FAVS	0.10
13.65	13.70	DCA	0.10
13.70	13.80	FAVS	0.20
13.80	18.60	DCA	9.60
18.60	18.85	FAVS	0.50
18.85	19.60	DCA	1.50
19.60	19.72	FAVS	0.24
19.72	19.80	R	0.16
19.80	19.85	FAVS	0.10
19.85	20.40	DCA	1.10
20.40	20.60	S	0.40
20.60	20.80	RK	0.40
20.80	21.15	S	0.70
21.15	21.30	DCA	0.30
21.30	21.40	S	0.20
21.40	21.70	RK	0.60
21.70	24.60	S	5.80
24.60	24.80	RK	0.40
24.80	25.00	FAVS	0.40
25.00	25.15	RK	0.30
25.15	25.30	FAVS	0.30
25.30	25.40	PORS	0.20
25.40	25.60	RK	0.40
25.60	25.85	FAVM	0.50
25.85	26.20	RK	0.70
26.20	26.40	FAVS	0.40
26.40	26.55	RK	0.30
26.55	26.70	FAVS	0.30
26.70	27.00	RK	0.60
27.00	27.10	PORS	0.20
27.10	27.20	RK	0.20
27.20	27.45	FAVS	0.50
27.45	28.70	S	2.50
28.70	29.15	RK	0.90
29.15	29.30	FAVE	0.30
29.30	29.50	RK	0.40
29.50	29.60	DC1	0.20
29.60	29.90	S	0.60
29.90	30.00	PORS	0.20
30.00	30.20	S	0.40
30.20	30.30	FAVS	0.20
30.30	30.55	R	0.50
30.55	31.00	FAVM	0.90
31.00	32.55	DCA	3.10
32.55	32.72	FAVE	0.34
32.72	32.90	RK	0.36
32.90	33.00	MERF	0.20
33.00	33.10	RK	0.20
33.10	33.20	FAVE	0.20
33.20	33.30	MERF	0.20
33.30	34.50	DCA	2.40
34.50	34.60	MUSS	0.20
34.60	34.68	FAVE	0.16
34.68	34.80	PORS	0.24
34.80	36.00	RK	2.40
36.00	39.05	DCA	6.10
39.05	39.12	PORS	0.14
39.12	44.30	DCA	10.36
44.30	44.50	S	0.40
44.50	45.40	DCA	1.80
45.40	45.60	PORS	0.40
45.60	46.80	RK	2.40
46.80	47.20	FAVS	0.80
47.20	49.25	DCA	4.10
49.25	50.00	FAVS	1.50

CB 7: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	2.19	DCA	4.38
2.19	2.20	FAVM	0.02
2.20	2.80	S	1.20
2.80	3.00	PORS	0.40
3.00	3.18	S	0.36
3.18	3.26	FAVM	0.16
3.26	3.40	S	0.28
3.40	3.60	PORS	0.40
3.60	4.00	S	0.80
4.00	4.54	RK	1.08
4.54	4.59	FAVM	0.10
4.59	4.75	RK	0.32
4.75	4.90	FAVS	0.30
4.90	5.07	RK	0.34
5.07	5.30	FAVS	0.46
5.30	6.30	RK	2.00
6.30	6.80	PORS	1.00
6.80	6.95	RK	0.30
6.95	7.20	PORS	0.50
7.20	7.65	PORS	0.90
7.65	7.70	FAVM	0.10
7.70	7.80	PORS	0.20
7.80	8.45	RK	1.30
8.45	9.50	FAVS	2.10
9.50	9.80	PORS	0.60
9.80	9.95	FAVS	0.30
9.95	10.00	PORS	0.10
10.00	10.20	FAVS	0.40
10.20	10.25	RK	0.10
10.25	10.80	PORS	1.10
10.80	11.90	DCA	2.20
11.90	12.10	FAVF	0.40
12.10	12.30	PORS	0.40
12.30	12.50	RK	0.40
12.50	13.40	DCA	1.80
13.40	13.50	PORS	0.20
13.50	14.35	DCA	1.70
14.35	16.40	FAVS	4.10
16.40	16.65	PORS	0.50
16.65	16.80	FAVM	0.30
16.80	17.45	RK	1.30
17.45	17.55	PORS	0.20
17.55	17.85	DCA	0.60
17.85	17.95	PORS	0.20
17.95	19.10	RK	2.30
19.10	19.30	PORS	0.40
19.30	19.50	FAVS	0.40
19.50	19.70	PORS	0.40
19.70	22.40	FAVS	5.40
22.40	22.70	PORS	0.60
22.70	22.80	ACRF	0.20
22.80	23.00	DCA	0.40
23.00	23.10	PORS	0.20
23.10	23.30	RK	0.40
23.30	23.40	PORS	0.20
23.40	23.60	RK	0.40
23.60	23.80	DCA	0.40
23.80	24.00	PORS	0.40
24.00	24.20	PORS	0.40
24.20	26.60	DCA	4.80
26.60	27.20	FAVS	1.20
27.20	29.30	DCA	4.20
29.30	29.70	PORS	0.80
29.70	29.90	RK	0.40
29.90	29.95	PORS	0.10
29.95	32.10	DCA	4.30
32.10	32.20	PORS	0.20
32.20	32.34	DCA	0.28
32.34	32.50	PORS	0.32
32.50	32.70	DCA	0.40
32.70	32.75	ACRF	0.10
32.75	33.50	DCA	1.50
33.50	34.05	FAVS	1.10
34.05	40.50	DCA	12.90
40.50	40.90	FAVS	0.80
40.90	41.40	DCA	1.00
41.40	41.70	PORS	0.60
41.70	41.90	FAVS	0.40
41.90	42.40	PORS	1.00
42.40	43.18	FAVS	1.56
43.18	43.80	DCA	1.24
43.80	44.50	FAVS	1.40
44.50	47.00	DCA	5.00
47.00	47.20	FAVS	0.40
47.20	48.40	DCA	2.40
48.40	48.60	FAVS	0.40
48.60	48.80	DCA	0.40
48.80	48.90	FAVS	0.20
48.90	49.00	RK	0.20
49.00	49.05	FAVS	0.10
49.05	50.00	DCA	1.90

CB 7: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.30	FAVE	0.60
0.30	0.50	RK	0.40
0.50	0.60	FAVE	0.20
0.60	1.00	PORS	0.80
1.00	1.90	RK	1.80
1.90	2.40	FAVS	1.00
2.40	2.80	PORS	0.80
2.80	2.95	RK	0.30
2.95	3.00	DC1	0.10
3.00	3.40	DCA	0.80
3.40	3.45	PORS	0.10
3.45	3.55	RK	0.20
3.55	3.60	PORS	0.10
3.60	4.38	DCA	1.56
4.38	4.50	PORS	0.24
4.50	5.30	DCA	1.60
5.30	5.45	PORS	0.30
5.45	5.60	RK	0.30
5.60	5.80	PORS	0.40
5.80	5.90	RK	0.20
5.90	6.10	PORS	0.40
6.10	6.80	DCA	1.40
6.80	7.00	FAVS	0.40
7.00	7.20	RK	0.40
7.20	8.00	FAVS	1.60
8.00	10.15	DCA	4.30
10.15	10.25	ACRF	0.20
10.25	11.85	DCA	3.20
11.85	12.20	FAVS	0.70
12.20	12.80	DCA	1.20
12.80	13.50	FAVS	1.40
13.50	13.90	DCA	0.80
13.90	15.70	FAVS	3.60
15.70	16.40	DCA	1.40
16.40	17.82	FAVS	2.84
17.82	20.00	DCA	4.36
20.00	20.10	FAVM	0.20
20.10	20.35	RK	0.50
20.35	20.40	PORS	0.10
20.40	20.62	RK	0.44
20.62	20.70	FAVM	0.16
20.70	20.75	PORS	0.10
20.75	20.80	FAVM	0.10
20.80	24.00	DCA	6.40
24.00	26.65	FAVS	5.30
26.65	27.10	DCA	0.90
27.10	28.60	FAVS	3.00
28.60	29.80	DCA	2.40
29.80	30.00	PORS	0.40
30.00	30.15	DCA	0.30
30.15	31.00	PORS	1.70
31.00	31.30	RK	0.60
31.30	31.50	FAVE	0.40
31.50	31.60	PORS	0.20
31.60	32.55	DCA	1.90
32.55	34.00	FAVS	2.90
34.00	34.40	RK	0.80
34.40	34.80	PORS	0.80
34.80	35.00	RK	0.40
35.00	35.30	PORS	0.60
35.30	35.60	RK	0.60
35.60	35.70	PORS	0.20
35.70	35.75	RK	0.10
35.75	35.85	FAVM	0.20
35.85	35.95	RK	0.20
35.95	36.30	FAVE	0.70
36.30	36.42	PORS	0.24
36.42	36.50	FAVE	0.16
36.50	37.05	DCA	1.10
37.05	37.12	FAVE	0.14
37.12	37.80	DCA	1.36
37.80	37.82	FAVE	0.04
37.82	38.40	DCA	1.16
38.40	38.50	PORS	0.20
38.50	38.88	DCA	0.76
38.88	38.90	PORS	0.04
38.90	38.95	RK	0.10
38.95	39.00	FAVM	0.10
39.00	39.40	DCA	0.80
39.40	39.45	PORS	0.10
39.45	39.50	RK	0.10
39.50	39.60	ACRE	0.20
39.60	40.00	DCA	0.80
40.00	40.30	PORS	0.60
40.30	40.60	ACRF	0.60
40.60	40.65	DCA	0.10
40.65	40.70	FAVM	0.10
40.70	41.00	DCA	0.60
41.00	41.50	FAVS	1.00
41.50	41.60	ACRF	0.20
41.60	42.80	DCA	2.40
42.80	43.00	PORS	0.40
43.00	43.48	DCA	0.96
43.48	43.51	ACRD	0.06
43.51	45.00	DCA	2.98
45.00	45.10	ACRF	0.20
45.10	45.60	PORS	1.00
45.60	45.71	ACRF	0.22
45.71	46.00	PORS	0.58
46.00	47.10	DCA	2.20
47.10	47.12	PORS	0.04
47.12	47.75	DCA	1.26
47.75	47.85	PORS	0.20
47.85	48.30	DCA	0.90
48.30	48.32	PORS	0.04
48.32	48.95	DCA	1.26
48.95	49.50	PORS	1.10
49.50	49.60	PORS	0.20
49.60	50.00	PORS	0.80

CB 7: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.20	RK	0.40
0.20	0.70	PORS	1.00
0.70	1.20	ACRF	1.00
1.20	1.70	PORS	1.00
1.70	2.00	DCA	0.60
2.00	2.10	PORS	0.20
2.10	2.55	DCA	0.90
2.55	2.65	FAVM	0.20
2.65	2.80	DCA	0.30
2.80	3.00	FAVS	0.40
3.00	3.19	DCA	0.38
3.19	3.30	FAVS	0.22
3.30	3.40	PORS	0.20
3.40	3.50	DCA	0.20
3.50	3.55	PORS	0.10
3.55	3.80	DCA	0.50
3.80	3.90	FAVM	0.20
3.90	4.20	RK	0.60
4.20	4.25	PORS	0.10
4.25	4.40	RK	0.30
4.40	4.52	DC1	0.24
4.52	4.60	PORS	0.16
4.60	4.80	DCA	0.40
4.80	4.90	FAVE	0.20
4.90	5.10	FAVM	0.40
5.10	5.25	PORS	0.30
5.25	5.70	RK	0.90
5.70	6.70	FAVS	2.00
6.70	7.00	ACRF	0.60
7.00	7.32	RK	0.64
7.32	7.45	PORS	0.26
7.45	7.50	RK	0.10
7.50	7.55	PORS	0.10
7.55	7.68	RK	0.26
7.68	7.70	PORS	0.04
7.70	7.90	RK	0.40
7.90	8.40	PORS	1.00
8.40	8.65	RK	0.50
8.65	8.80	PORS	0.30
8.80	8.90	RK	0.20
8.90	9.00	PORS	0.20
9.00	9.10	RK	0.20
9.10	9.60	PORS	1.00
9.60	9.70	RK	0.20
9.70	10.00	PORS	0.60
10.00	10.45	RK	0.90
10.45	10.50	PORS	0.10
10.50	10.60	RK	0.20
10.60	10.65	PORS	0.10
10.65	10.75	RK	0.20
10.75	13.80	FAVS	6.10
13.80	14.50	FAVS	1.40
14.50	14.60	PORS	0.20
14.60	14.80	ACRS	0.40
14.80	16.70	RK	3.80
16.70	16.95	PORS	0.50
16.95	17.20	RK	0.50
17.20	18.40	FAVS	2.40
18.40	18.60	PORS	0.40
18.60	19.00	RK	0.80
19.00	19.30	PORS	0.60
19.30	19.60	RK	0.60
19.60	19.65	PORS	0.10
19.65	19.70	RK	0.10
19.70	19.85	ACRF	0.30
19.85	20.35	PORS	1.00
20.35	20.85	RK	1.00
20.85	21.00	ACRF	0.30
21.00	22.30	DCA	2.60
22.30	22.55	PORS	0.50
22.55	22.75	DCA	0.40
22.75	23.05	FAVS	0.60
23.05	23.20	RK	0.30
23.20	23.28	PORS	0.16
23.28	23.38	RK	0.20
23.38	23.50	PORS	0.24
23.50	24.00	FAVS	1.00
24.00	24.10	RK	0.20
24.10	24.50	PORS	0.80
24.50	24.70	RK	0.40
24.70	24.80	PORS	0.20
24.80	24.90	FAVS	0.20
24.90	25.00	PORS	0.20
25.00	26.68	DCA	3.36
26.68	26.70	PORS	0.04
26.70	27.30	DCA	1.20
27.30	28.10	FAVS	1.60
28.10	28.25	RK	0.30
28.25	28.50	PORS	0.50
28.50	28.80	RK	0.60
28.80	29.15	PORS	0.70
29.15	29.25	RK	0.20
29.25	29.30	PORS	0.10
29.30	31.40	RK	4.20
31.40	31.60	FAVS	0.40
31.60	31.80	RK	0.40
31.80	31.84	PORS	0.08
31.84	33.15	DCA	2.62
33.15	33.20	PORS	0.10
33.20	33.52	DCA	0.64
33.52	33.70	PORS	0.36
33.70	34.00	RK	0.60
34.00	34.10	PORS	0.20
34.10	34.95	RK	1.70
34.95	35.00	PORS	0.10
35.00	35.15	RK	0.30
35.15	35.25	FAVM	0.20
35.25	35.40	PORS	0.30
35.40	36.32	DCA	1.84

Length 1	Length 2	Field Code	% Cover
36.32	36.40	PORS	0.16
36.40	36.60	FAVM	0.40
36.60	36.65	PORS	0.10
36.65	37.55	RK	1.80
37.55	38.00	PORS	0.90
38.00	38.35	RK	0.70
38.35	38.80	FAVS	0.90
38.80	41.60	DCA	5.60
41.60	41.80	PORS	0.40
41.80	42.60	DCA	1.60
42.60	42.62	PORS	0.04
42.62	43.80	DCA	2.36
43.80	43.85	PORS	0.10
43.85	44.60	DCA	1.50
44.60	46.00	FAVS	2.80
46.00	47.12	DCA	2.24
47.12	47.30	FAVS	0.36
47.30	48.12	PORS	1.64
48.12	48.24	DCA	0.24
48.24	48.30	PORS	0.12
48.30	48.60	DCA	0.60
48.60	48.80	PORS	0.40
48.80	49.00	DCA	0.40
49.00	49.70	PORS	1.40
49.70	50.00	RK	0.60

CB 8: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.05	RK	0.10
0.05	0.20	ACRF	0.30
0.20	0.60	DCA	0.80
0.60	1.25	RK	1.30
1.25	1.45	POCD	0.40
1.45	1.50	ACRD	0.10
1.50	1.62	ACRF	0.24
1.62	1.80	RK	0.36
1.80	2.00	POCS	0.40
2.00	2.15	ACRF	0.30
2.15	2.20	RK	0.10
2.20	2.50	POCS	0.60
2.50	2.60	RK	0.20
2.60	2.90	POCB	0.60
2.90	3.10	ACRF	0.40
3.10	3.45	RK	0.70
3.45	3.50	POCB	0.10
3.50	3.80	RK	0.60
3.80	3.90	FAVE	0.20
3.90	4.10	RK	0.40
4.10	4.25	ACRF	0.30
4.25	4.70	ACRE	0.90
4.70	5.00	DCA	0.60
5.00	5.60	ARCF	1.20
5.60	5.80	RK	0.40
5.80	6.00	POCS	0.40
6.00	7.10	ACRB	2.20
7.10	7.20	DCA	0.20
7.20	7.30	ACRB	0.20
7.30	7.75	DCA	0.90
7.75	8.25	ACRD	1.00
8.25	8.30	ACRB	0.10
8.30	8.70	RK	0.80
8.70	8.90	POCB	0.40
8.90	9.25	DC1	0.70
9.25	9.80	RK	1.10
9.80	10.00	POCS	0.40
10.00	10.10	RK	0.20
10.10	10.15	POCS	0.10
10.15	10.25	ACRD	0.20
10.25	10.32	ACRF	0.14
10.32	10.40	POCS	0.16
10.40	10.60	DCA	0.40
10.60	11.60	ACRF	2.00
11.60	12.80	ACRD	2.40
12.80	13.40	ACRF	1.20
13.40	13.70	RK	0.60
13.70	13.75	ACRF	0.10
13.75	14.40	ACRD	1.30
14.40	15.40	R	2.00
15.40	15.75	FAVM	0.70
15.75	16.00	RK	0.50
16.00	16.17	ACRF	0.34
16.17	16.25	RK	0.16
16.25	16.35	ACRF	0.20
16.35	16.50	RK	0.30
16.50	17.70	ACRF	2.40
17.70	17.85	FAVS	0.30
17.85	18.50	RK	1.30
18.50	18.60	POCS	0.20
18.60	18.70	RK	0.20
18.70	19.30	ACRD	1.20
19.30	20.00	ACRB	1.40
20.00	20.15	R	0.30
20.15	20.80	ACRB	1.30
20.80	21.60	DCA	1.60
21.60	21.72	ACRF	0.24
21.72	22.50	R	1.56
22.50	22.75	POCB	0.50
22.75	22.80	FAVE	0.10
22.80	23.00	RK	0.40
23.00	23.30	FAVE	0.60
23.30	23.40	RK	0.20
23.40	23.50	POCB	0.20
23.50	24.00	RK	1.00
24.00	24.40	ACRF	0.80
24.40	24.60	FAVE	0.40
24.60	24.95	RK	0.70
24.95	25.10	POCB	0.30
25.10	25.30	RK	0.40
25.30	25.50	POCB	0.40
25.50	25.55	RK	0.10
25.55	27.10	FAVS	3.10
27.10	27.80	RK	1.40
27.80	28.00	POCS	0.40
28.00	28.28	RK	0.56
28.28	28.70	ACRB	0.84
28.70	29.00	RK	0.60
29.00	29.30	FAVS	0.60
29.30	30.05	RK	1.50
30.05	30.50	ACRF	0.90
30.50	30.70	RK	0.40
30.70	31.00	R	0.60
31.00	31.10	RK	0.20
31.10	31.35	POCB	0.50
31.35	32.30	RK	1.90
32.30	32.85	ACRT	1.10
32.85	33.00	RK	0.30
33.00	33.20	ACRF	0.40
33.20	33.40	RK	0.40
33.40	34.40	ACRB	2.00
34.40	34.70	POCS	0.60
34.70	35.00	RK	0.60
35.00	35.15	ACRD	0.30
35.15	35.55	RK	0.80
35.55	35.80	ACRF	0.50
35.80	36.00	DCA	0.40
36.00	36.25	MIL	0.50
36.25	36.35	ACRF	0.20

Length 1	Length 2	Field Code	% Cover
36.35	36.90	RK	1.10
36.90	37.70	RK	1.60
37.70	37.80	ACRS	0.20
37.80	38.00	RK	0.40
38.00	38.10	FAVS	0.20
38.10	38.38	RK	0.56
38.38	39.80	ACRB	2.84
39.80	40.20	DCA	0.80
40.20	42.00	ACRB	3.60
42.00	42.10	FAVE	0.20
42.10	42.30	ACRE	0.40
42.30	42.85	RK	1.10
42.85	43.00	ACRF	0.30
43.00	43.05	RK	0.10
43.05	43.15	ACRF	0.20
43.15	43.20	RK	0.10
43.20	43.30	POCS	0.20
43.30	43.60	RK	0.60
43.60	43.80	POCB	0.40
43.80	44.25	RK	0.90
44.25	44.30	FAVE	0.10
44.30	44.40	RK	0.20
44.40	44.50	FAVE	0.20
44.50	44.65	RK	0.30
44.65	44.75	POCS	0.20
44.75	45.10	RK	0.70
45.10	45.58	ACRF	0.96
45.58	45.65	RK	0.14
45.65	45.70	POCB	0.10
45.70	46.00	FAVF	0.60
46.00	46.20	ACRE	0.40
46.20	46.35	R	0.30
46.35	46.40	FAVE	0.10
46.40	46.50	RK	0.20
46.50	46.85	FAVE	0.70
46.85	47.20	ACRF	0.70
47.20	47.30	FAVE	0.20
47.30	47.50	RK	0.40
47.50	47.55	FAVE	0.10
47.55	47.70	RK	0.30
47.70	47.75	POCS	0.10
47.75	48.00	RK	0.50
48.00	48.15	POCS	0.30
48.15	48.50	RK	0.70
48.50	48.70	FAVS	0.40
48.70	49.55	ACRF	1.70
49.55	50.00	ACRT	0.90

CB 8: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.30	ACRE	0.60
0.30	0.40	S	0.20
0.40	0.45	POCS	0.10
0.45	0.60	ACRF	0.30
0.60	0.70	POCS	0.20
0.70	0.90	S	0.40
0.90	1.50	ACRB	1.20
1.50	1.70	ACRF	0.40
1.70	1.75	POCS	0.10
1.75	1.90	R	0.30
1.90	2.05	DCA	0.30
2.05	3.30	ACRB	2.50
3.30	3.70	DCA	0.80
3.70	4.10	ACRB	0.80
4.10	4.30	DCA	0.40
4.30	4.40	ACRB	0.20
4.40	5.00	DCA	1.20
5.00	5.10	ACRB	0.20
5.10	5.40	DCA	0.60
5.40	6.00	ACRB	1.20
6.00	6.10	DCA	0.20
6.10	6.70	ACRF	1.20
6.70	7.00	RK	0.60
7.00	7.30	ACRF	0.60
7.30	7.45	RK	0.30
7.45	7.75	POCS	0.60
7.75	7.85	ACRF	0.20
7.85	8.00	RK	0.30
8.00	8.20	FAVE	0.40
8.20	8.30	RK	0.20
8.30	8.40	FAVE	0.20
8.40	8.65	ACRF	0.50
8.65	8.85	S	0.40
8.85	8.90	FAVE	0.10
8.90	9.45	RK	1.10
9.45	10.40	ACRF	1.90
10.40	10.75	ACRD	0.70
10.75	11.00	RK	0.50
11.00	11.15	ACRF	0.30
11.15	11.30	ACRD	0.30
11.30	11.50	DCA	0.40
11.50	11.80	ACRF	0.60
11.80	12.00	RK	0.40
12.00	12.25	POCS	0.50
12.25	12.90	RK	1.30
12.90	14.00	ACRF	2.20
14.00	14.30	RK	0.60
14.30	14.68	ACRE	0.76
14.68	14.75	ACRF	0.14
14.75	15.00	RK	0.50
15.00	15.15	POCS	0.30
15.15	15.20	RK	0.10
15.20	15.60	S	0.80
15.60	15.90	FAVE	0.60
15.90	15.95	RK	0.10
15.95	16.00	ACRB	0.10
16.00	16.10	FAVE	0.20
16.10	16.20	RK	0.20
16.20	16.30	ACRF	0.20
16.30	16.70	RK	0.80
16.70	16.80	ACRF	0.20
16.80	17.00	ACRB	0.40
17.00	17.25	DCA	0.50
17.25	17.35	RK	0.20
17.35	17.45	ACRS	0.20
17.45	17.60	ACRF	0.30
17.60	17.80	RK	0.40
17.80	17.85	ACRF	0.10
17.85	17.90	RK	0.10
17.90	18.05	POCS	0.30
18.05	18.15	RK	0.20
18.15	18.20	POCS	0.10
18.20	18.90	RK	1.40
18.90	19.10	POCS	0.40
19.10	19.20	RK	0.20
19.20	19.25	POCS	0.10
19.25	19.40	RK	0.30
19.40	19.45	POCS	0.10
19.45	19.50	RK	0.10
19.50	19.75	POCB	0.50
19.75	19.80	RK	0.10
19.80	20.00	FAVE	0.40
20.00	20.10	RK	0.20
20.10	20.30	ACRF	0.40
20.30	20.70	RK	0.80
20.70	21.00	ACRB	0.60
21.00	21.15	POCS	0.30
21.15	21.30	FAVM	0.30
21.30	21.75	R	0.90
21.75	21.85	POCS	0.20
21.85	22.70	ACRF	1.70
22.70	22.80	RK	0.20
22.80	23.05	ACRD	0.50
23.05	23.20	ACRF	0.30
23.20	23.50	RK	0.60
23.50	23.60	ACRF	0.20
23.60	24.18	DCA	1.16
24.18	24.30	RK	0.24
24.30	24.52	FAVE	0.44
24.52	24.90	RK	0.76
24.90	25.10	ACRD	0.40
25.10	25.70	ACRF	1.20
25.70	26.00	RK	0.60
26.00	26.20	POCS	0.40
26.20	26.25	RK	0.10
26.25	26.35	ACRF	0.20
26.35	26.50	RK	0.30
26.50	26.60	ACRE	0.20
26.60	27.00	RK	0.80

Length 1	Length 2	Field Code	% Cover
27.00	27.10	POCS	0.20
27.10	27.20	RK	0.20
27.20	27.30	ACRF	0.20
27.30	27.48	RK	0.36
27.48	27.52	POCS	0.08
27.52	27.60	RK	0.16
27.60	27.70	FAVM	0.20
27.70	27.80	ACRF	0.20
27.80	28.00	ACRD	0.40
28.00	30.05	ACRF	4.10
30.05	30.30	RK	0.50
30.30	30.40	ACRE	0.20
30.40	30.60	FAVS	0.40
30.60	31.10	ACRF	1.00
31.10	31.25	RK	0.30
31.25	31.45	FAVE	0.40
31.45	32.00	ACRE	1.10
32.00	32.10	RK	0.20
32.10	32.30	ACRF	0.40
32.30	32.45	S	0.30
32.45	33.40	ACRF	1.90
33.40	33.55	RK	0.30
33.55	33.85	ACRF	0.60
33.85	34.20	ACRE	0.70
34.20	34.25	POCB	0.10
34.25	34.30	RK	0.10
34.30	34.85	FAVS	1.10
34.85	34.95	ACRE	0.20
34.95	35.15	RK	0.40
35.15	35.20	ACRF	0.10
35.20	35.65	R	0.90
35.65	35.95	ACRE	0.60
35.95	36.15	RK	0.40
36.15	36.25	FAVM	0.20
36.25	36.50	RK	0.50
36.50	36.62	ACRD	0.24
36.62	36.80	RK	0.36
36.80	36.90	ACRF	0.20
36.90	37.20	ACRE	0.60
37.20	37.40	ACRB	0.40
37.40	37.65	DCA	0.50
37.65	38.50	FAVS	1.70
38.50	38.60	R	0.20
38.60	38.70	FAVS	0.20
38.70	39.30	DCA	1.20
39.30	39.80	ACRB	1.00
39.80	40.68	DCA	1.76
40.68	42.80	ACRF	4.24
42.80	43.40	RK	1.20
43.40	43.50	FAVS	0.20
43.50	43.60	RK	0.20
43.60	43.85	POCS	0.50
43.85	44.55	RK	1.40
44.55	45.30	ACRF	1.50
45.30	45.45	RK	0.30
45.45	45.60	ACRF	0.30
45.60	45.70	ACRE	0.20
45.70	45.80	ACRF	0.20
45.80	46.15	RK	0.70
46.15	46.30	ACRD	0.30
46.30	47.00	DCA	1.40
47.00	47.10	ACRF	0.20
47.10	47.50	ACRE	0.80
47.50	47.65	RK	0.30
47.65	50.00	FAVS	4.70

CB 8: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.30	ACRE	0.60
0.30	0.55	RK	0.50
0.55	0.60	ACRE	0.10
0.60	3.20	ACRB	5.20
3.20	3.40	RK	0.40
3.40	3.48	ACRF	0.16
3.48	3.55	DCA	0.14
3.55	3.60	ACRF	0.10
3.60	3.70	DCA	0.20
3.70	4.00	ACRF	0.60
4.00	4.28	DCA	0.56
4.28	4.32	ACRF	0.08
4.32	4.90	ACRE	1.16
4.90	5.10	RK	0.40
5.10	5.25	ACRD	0.30
5.25	5.30	ACRE	0.10
5.30	5.70	RK	0.80
5.70	6.35	DC2	1.30
6.35	6.40	RK	0.10
6.40	6.55	ACRF	0.30
6.55	6.60	R	0.10
6.60	6.70	ACRF	0.20
6.70	7.15	ACRB	0.90
7.15	7.40	DCA	0.50
7.40	9.00	ACRB	3.20
9.00	9.20	DCA	0.40
9.20	9.50	ACRB	0.60
9.50	9.90	DCA	0.80
9.90	10.10	R	0.40
10.10	10.25	DCA	0.30
10.25	10.35	FAVS	0.20
10.35	11.00	RK	1.30
11.00	11.05	FAVS	0.10
11.05	11.15	DCA	0.20
11.15	11.30	FAVS	0.30
11.30	11.70	ACRF	0.80
11.70	12.05	ACRB	0.70
12.05	12.40	R	0.70
12.40	12.50	ACRF	0.20
12.50	12.70	DCA	0.40
12.70	13.30	ACRF	1.20
13.30	13.50	RK	0.40
13.50	14.00	ACRF	1.00
14.00	14.30	RK	0.60
14.30	14.50	ACRF	0.40
14.50	14.70	RK	0.40
14.70	14.90	ACRF	0.40
14.90	14.95	RK	0.10
14.95	15.00	ACRF	0.10
15.00	15.15	RK	0.30
15.15	15.40	ACRF	0.50
15.40	15.70	RK	0.60
15.70	16.10	ACRF	0.80
16.10	16.30	RK	0.40
16.30	16.70	ACRE	0.80
16.70	17.00	POCS	0.60
17.00	17.35	PORM	0.70
17.35	17.52	FAVM	0.34
17.52	17.75	RK	0.46
17.75	18.10	ACRF	0.70
18.10	18.20	R	0.20
18.20	18.30	RK	0.20
18.30	18.35	POCS	0.10
18.35	19.00	RK	1.30
19.00	19.30	ACRF	0.60
19.30	19.55	RK	0.50
19.55	19.80	ACRF	0.50
19.80	19.90	RK	0.20
19.90	20.00	FAVE	0.20
20.00	20.70	RK	1.40
20.70	21.20	R	1.00
21.20	21.45	RK	0.50
21.45	21.50	FAVS	0.10
21.50	22.75	ACRF	2.50
22.75	23.15	RK	0.80
23.15	23.25	POCS	0.20
23.25	23.45	RK	0.40
23.45	23.55	ARCF	0.20
23.55	24.10	RK	1.10
24.10	24.30	POCS	0.40
24.30	24.35	RK	0.10
24.35	24.62	POCS	0.54
24.62	25.00	RK	0.76
25.00	25.30	FAVS	0.60
25.30	25.75	ACRF	0.90
25.75	26.00	RK	0.50
26.00	26.15	POCS	0.30
26.15	26.20	MUSM	0.10
26.20	26.40	RK	0.40
26.40	26.45	POCS	0.10
26.45	26.80	RK	0.70
26.80	26.90	POCS	0.20
26.90	28.20	RK	2.60
28.20	28.65	ACRT	0.90
28.65	28.80	RK	0.30
28.80	28.90	ACRS	0.20
28.90	29.45	RK	1.10
29.45	30.30	ACRF	1.70
30.30	30.90	POCS	1.20
30.90	31.20	RK	0.60
31.20	31.40	FAVS	0.40
31.40	31.55	FAVF	0.30
31.55	31.75	DCA	0.40
31.75	31.85	ARCF	0.20
31.85	32.35	RK	1.00
32.35	32.65	POCS	0.60
32.65	33.60	RK	1.90
33.60	33.65	FAVS	0.10
33.65	33.70	RK	0.10

Length 1	Length 2	Field Code	% Cover
33.70	34.00	FAVE	0.60
34.00	34.10	ACRD	0.20
34.10	34.30	DCA	0.40
34.30	34.50	ACRF	0.40
34.50	35.30	RK	1.60
35.30	35.40	ACRB	0.20
35.40	35.45	RK	0.10
35.45	35.50	FAVE	0.10
35.50	36.35	RK	1.70
36.35	36.50	POCS	0.30
36.50	36.55	RK	0.10
36.55	36.65	POCB	0.20
36.65	37.00	R	0.70
37.00	37.10	ACRB	0.20
37.10	37.15	RK	0.10
37.15	37.30	ACRE	0.30
37.30	37.70	RK	0.80
37.70	37.80	ACRB	0.20
37.80	38.00	RK	0.40
38.00	38.60	POCS	1.20
38.60	38.85	RK	0.50
38.85	39.05	ACRS	0.40
39.05	39.20	RK	0.30
39.20	39.30	DC1	0.20
39.30	39.42	RK	0.24
39.42	39.80	ACRF	0.76
39.80	40.10	RK	0.60
40.10	40.30	ACRD	0.40
40.30	40.40	RK	0.20
40.40	40.60	ACRD	0.40
40.60	40.65	POCS	0.10
40.65	40.70	RK	0.10
40.70	40.75	ACRD	0.10
40.75	41.00	RK	0.50
41.00	41.15	ACRE	0.30
41.15	41.60	RK	0.90
41.60	41.75	FAVM	0.30
41.75	42.12	RK	0.74
42.12	42.22	FAVF	0.20
42.22	42.30	RK	0.16
42.30	42.40	FAVS	0.20
42.40	42.55	RK	0.30
42.55	42.60	ACRE	0.10
42.60	42.78	RK	0.36
42.78	43.00	ACRE	0.44
43.00	43.28	RK	0.56
43.28	43.35	ACRB	0.14
43.35	43.50	ACRE	0.30
43.50	44.00	ACRB	1.00
44.00	44.45	ACRF	0.90
44.45	44.60	RK	0.30
44.60	45.30	ACRF	1.40
45.30	45.60	FAVS	0.60
45.60	45.80	POCS	0.40
45.80	45.95	ACRF	0.30
45.95	46.00	RK	0.10
46.00	46.30	ACRF	0.60
46.30	46.35	RK	0.10
46.35	49.00	ACRF	5.30
49.00	49.50	DCA	1.00
49.50	50.00	ACRD	1.00

CB 9: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	1.00	RK	2.00
1.00	1.14	FAVE	0.28
1.14	2.20	RK	2.12
2.20	2.25	FAVE	0.10
2.25	2.48	R	0.46
2.48	2.50	FAVE	0.04
2.50	3.70	RK	2.40
3.70	4.00	FAVS	0.60
4.00	4.20	R	0.40
4.20	4.55	FAVS	0.70
4.55	4.60	RK	0.10
4.60	4.78	FAVE	0.36
4.78	4.95	RK	0.34
4.95	5.00	FAVE	0.10
5.00	5.15	RK	0.30
5.15	5.25	FAVE	0.20
5.25	5.31	RK	0.12
5.31	5.45	PORM	0.28
5.45	5.49	RK	0.08
5.49	5.50	PORS	0.02
5.50	6.62	RK	2.24
6.62	6.70	PORS	0.16
6.70	7.20	PORM	1.00
7.20	7.48	R	0.56
7.48	7.52	FAVS	0.08
7.52	7.60	RK	0.16
7.60	8.00	FAVS	0.80
8.00	8.08	RK	0.16
8.08	8.10	FAVM	0.04
8.10	12.45	RK	8.70
12.45	12.55	FAVE	0.20
12.55	13.70	RK	2.30
13.70	13.75	FAVE	0.10
13.75	14.25	RK	1.00
14.25	14.30	FAVE	0.10
14.30	15.70	RK	2.80
15.70	15.72	FAVE	0.04
15.72	16.49	RK	1.54
16.49	16.51	FAVM	0.04
16.51	16.69	RK	0.36
16.69	16.72	DC1	0.06
16.72	16.75	PORM	0.06
16.75	18.60	RK	3.70
18.60	18.65	FAVE	0.10
18.65	18.80	RK	0.30
18.80	18.85	PORS	0.10
18.85	19.30	RK	0.90
19.30	19.50	PORS	0.40
19.50	19.68	RK	0.36
19.68	19.73	FAVE	0.10
19.73	21.35	RK	3.24
21.35	21.42	PORS	0.14
21.42	21.45	FAVM	0.06
21.45	21.90	R	0.90
21.90	22.00	FAVE	0.20
22.00	23.00	R	2.00
23.00	23.30	RK	0.60
23.30	23.40	PORS	0.20
23.40	24.00	RK	1.20
24.00	24.25	FAVE	0.50
24.25	25.17	RK	1.84
25.17	25.19	PORS	0.04
25.19	25.20	RK	0.02
25.20	25.70	R	1.00
25.70	26.10	FAVS	0.80
26.10	26.45	RK	0.70
26.45	26.50	FAVE	0.10
26.50	27.10	FAVM	1.20
27.10	27.38	RK	0.56
27.38	27.45	PORM	0.14
27.45	27.50	RK	0.10
27.50	27.55	ACRF	0.10
27.55	28.15	RK	1.20
28.15	28.30	FAVS	0.30
28.30	28.85	RK	1.10
28.85	29.00	ACRF	0.30
29.00	29.30	RK	0.60
29.30	29.32	FAVM	0.04
29.32	29.60	RK	0.56
29.60	29.70	FAVE	0.20
29.70	30.00	RK	0.60
30.00	30.15	MERF	0.30
30.15	30.20	RK	0.10
30.20	30.23	FAVM	0.06
30.23	30.40	RK	0.34
30.40	30.43	FAVE	0.06
30.43	30.60	RK	0.34
30.60	30.80	ACRD	0.40
30.80	31.52	RK	1.44
31.52	31.72	FAVS	0.40
31.72	31.85	PORM	0.26
31.85	32.15	RK	0.60
32.15	32.25	FAVS	0.20
32.25	32.28	RK	0.06
32.28	32.34	PORS	0.12
32.34	32.49	RK	0.30
32.49	32.54	FAVE	0.10
32.54	33.00	RK	0.92
33.00	33.10	PORS	0.20
33.10	33.62	RK	1.04
33.62	33.70	FAVE	0.16
33.70	34.00	FAVS	0.60
34.00	34.20	RK	0.40
34.20	34.50	S	0.60
34.50	34.85	RK	0.70
34.85	34.90	FAVS	0.10
34.90	36.10	RK	2.40
36.10	36.15	PORS	0.10
36.15	36.40	RK	0.50

Length 1	Length 2	Field Code	% Cover
36.40	36.70	FAVS	0.60
36.70	42.60	R	11.80
42.60	42.72	PORS	0.24
42.72	43.00	R	0.56
43.00	43.20	FAVS	0.40
43.20	43.30	PORS	0.20
43.30	45.70	RK	4.80
45.70	45.75	PORS	0.10
45.75	46.68	RK	1.86
46.68	46.80	ACRD	0.24
46.80	47.60	RK	1.60
47.60	47.70	FAVM	0.20
47.70	47.80	RK	0.20
47.80	47.90	FAVE	0.20
47.90	48.10	FAVS	0.40
48.10	49.10	RK	2.00
49.10	49.20	PORS	0.20
49.20	50.00	RK	1.60

CB 9: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.50	RK	1.00
0.50	0.80	FAVS	0.60
0.80	1.60	RK	1.60
1.60	1.65	PORS	0.10
1.65	1.70	RK	0.10
1.70	1.75	FAVE	0.10
1.75	4.15	RK	4.80
4.15	4.20	FAVE	0.10
4.20	4.90	RK	1.40
4.90	5.00	PORS	0.20
5.00	5.05	RK	0.10
5.05	5.15	PORS	0.20
5.15	5.40	RK	0.50
5.40	5.55	ACRF	0.30
5.55	5.68	RK	0.26
5.68	5.70	PORS	0.04
5.70	5.85	RK	0.30
5.85	6.22	ACRF	0.74
6.22	6.30	RK	0.16
6.30	6.55	MERF	0.50
6.55	6.60	RK	0.10
6.60	6.65	FAVM	0.10
6.65	6.75	S	0.20
6.75	7.00	FAVF	0.50
7.00	7.70	RK	1.40
7.70	7.75	PORS	0.10
7.75	7.80	RK	0.10
7.80	8.42	FAVS	1.24
8.42	9.05	RK	1.26
9.05	9.10	FAVE	0.10
9.10	9.20	RK	0.20
9.20	9.30	FAVM	0.20
9.30	8.50	RK	-1.60
8.50	8.90	FAVM	0.80
8.90	10.10	RK	2.40
10.10	10.20	FAVF	0.20
10.20	10.78	RK	1.16
10.78	10.85	FAVM	0.14
10.85	11.10	RK	0.50
11.10	11.20	FAVF	0.20
11.20	11.78	RK	1.16
11.78	11.85	PORM	0.14
11.85	13.50	RK	3.30
13.50	13.55	FAVS	0.10
13.55	17.40	RK	7.70
17.40	17.50	FAVE	0.20
17.50	17.55	RK	0.10
17.55	17.60	FAVE	0.10
17.60	17.65	RK	0.10
17.65	18.00	S	0.70
18.00	18.45	RK	0.90
18.45	18.85	FAVS	0.80
18.85	19.35	RK	1.00
19.35	19.50	FAVE	0.30
19.50	19.85	RK	0.70
19.85	20.00	FAVE	0.30
20.00	21.20	RK	2.40
21.20	21.30	PORM	0.20
21.30	21.34	ACRT	0.08
21.34	21.65	RK	0.62
21.65	21.90	FAVS	0.50
21.90	22.40	RK	1.00
22.40	22.45	FAVM	0.10
22.45	22.70	RK	0.50
22.70	22.73	FAVE	0.06
22.73	22.85	RK	0.24
22.85	23.00	FAVF	0.30
23.00	23.20	PORS	0.40
23.20	23.38	RK	0.36
23.38	23.50	FAVS	0.24
23.50	23.90	RK	0.80
23.90	23.94	FAVE	0.08
23.94	24.00	RK	0.12
24.00	24.25	RK	0.50
24.25	24.42	MERF	0.34
24.42	24.50	RK	0.16
24.50	24.54	FAVS	0.08
24.54	24.80	RK	0.52
24.80	24.90	FAVE	0.20
24.90	25.60	RK	1.40
25.60	25.65	PORS	0.10
25.65	26.70	RK	2.10
26.70	26.78	PORS	0.16
26.78	26.85	FAVM	0.14
26.85	27.00	RK	0.30
27.00	27.08	PORS	0.16
27.08	27.30	RK	0.44
27.30	27.70	FAVS	0.80
27.70	27.90	FAVE	0.40
27.90	28.24	RK	0.68
28.24	28.35	PORS	0.22
28.35	28.40	RK	0.10
28.40	28.54	FAVM	0.28
28.54	29.18	RK	1.28
29.18	29.21	FAVS	0.06
29.21	29.35	RK	0.28
29.35	29.45	FAVM	0.20
29.45	29.70	RK	0.50
29.70	29.85	FAVE	0.30
29.85	30.55	RK	1.40
30.55	30.62	PORS	0.14
30.62	30.85	RK	0.46
30.85	30.87	PORS	0.04
30.87	31.20	RK	0.66
31.20	31.25	PORM	0.10
31.25	31.40	RK	0.30
31.40	31.55	FAVS	0.30
31.55	32.55	RK	2.00
32.55	32.70	PORS	0.30

Length 1	Length 2	Field Code	% Cover
32.70	33.45	FAVS	1.50
33.45	33.80	ACRF	0.70
33.80	33.90	PORS	0.20
33.90	34.70	RK	1.60
34.70	34.78	FAVM	0.16
34.78	35.85	RK	2.14
35.85	35.90	FAVM	0.10
35.90	36.20	RK	0.60
36.20	36.28	PORM	0.16
36.28	38.00	RK	3.44
38.00	38.20	ACRF	0.40
38.20	39.16	RK	1.92
39.16	39.25	PORM	0.18
39.25	39.40	RK	0.30
39.40	39.45	PORS	0.10
39.45	40.00	RK	1.10
40.00	40.15	MUS	0.30
40.15	41.20	RK	2.10
41.20	41.40	ACRD	0.40
41.40	42.25	RK	1.70
42.25	42.35	FAVS	0.20
42.35	42.85	RK	1.00
42.85	43.00	PORS	0.30
43.00	44.20	RK	2.40
44.20	44.30	FAVS	0.20
44.30	44.75	RK	0.90
44.75	45.00	FAVS	0.50
45.00	45.35	RK	0.70
45.35	45.40	PORS	0.10
45.40	45.50	RK	0.20
45.50	45.65	PORS	0.30
45.65	46.85	RK	2.40
46.85	46.90	PORS	0.10
46.90	47.00	RK	0.20
47.00	47.80	FAVS	1.60
47.80	49.00	RK	2.40
49.00	49.35	FAVS	0.70
49.35	49.55	RK	0.40
49.55	49.60	FAVS	0.10
49.60	50.00	RK	0.80

CB 9: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	5.60	R	11.20
5.60	5.70	FAVS	0.20
5.70	5.71	FAVM	0.02
5.71	8.25	R	5.08
8.25	8.30	FAVM	0.10
8.30	13.10	R	9.60
13.10	13.15	PORM	0.10
13.15	13.25	R	0.20
13.25	13.30	FAVM	0.10
13.30	14.00	R	1.40
14.00	14.20	FAVS	0.40
14.20	16.50	R	4.60
16.50	16.90	FAVS	0.80
16.90	17.20	R	0.60
17.20	17.30	FAVS	0.20
17.30	17.50	S	0.40
17.50	17.90	RK	0.80
17.90	18.00	PORS	0.20
18.00	18.70	FAVS	1.40
18.70	19.25	RK	1.10
19.25	19.55	S	0.60
19.55	20.10	RK	1.10
20.10	20.20	FAVS	0.20
20.20	20.50	RK	0.60
20.50	20.70	FAVE	0.40
20.70	21.10	RK	0.80
21.10	21.20	FAVS	0.20
21.20	21.75	RK	1.10
21.75	22.00	FAVS	0.50
22.00	22.10	RK	0.20
22.10	22.20	FAVS	0.20
22.20	26.72	RK	9.04
26.72	26.80	PORS	0.16
26.80	27.40	R	1.20
27.40	27.50	PORM	0.20
27.50	27.75	RK	0.50
27.75	27.85	FAVS	0.20
27.85	28.00	RK	0.30
28.00	28.10	FAVS	0.20
28.10	28.50	RK	0.80
28.50	28.70	FAVF	0.40
28.70	31.20	R	5.00
31.20	31.30	FAVS	0.20
31.30	31.33	RK	0.06
31.33	31.50	FAVS	0.34
31.50	32.40	R	1.80
32.40	32.50	PORM	0.20
32.50	35.00	RK	5.00
35.00	35.40	FAVF	0.80
35.40	36.15	DCA	1.50
36.15	36.20	FAVM	0.10
36.20	36.50	DCA	0.60
36.50	36.90	PORS	0.80
36.90	38.45	RK	3.10
38.45	38.50	ACRF	0.10
38.50	38.60	RK	0.20
38.60	38.70	PORS	0.20
38.70	38.90	RK	0.40
38.90	39.25	PORM	0.70
39.25	39.45	RK	0.40
39.45	39.50	PORS	0.10
39.50	39.58	RK	0.16
39.58	39.62	PORS	0.08
39.62	43.00	RK	6.76
43.00	43.45	FAVS	0.90
43.45	43.55	RK	0.20
43.55	43.65	PORS	0.20
43.65	43.98	DCA	0.66
43.98	44.15	FAVS	0.34
44.15	48.00	R	7.70
48.00	48.05	FAVM	0.10
48.05	50.00	R	3.90

CB 10: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.75	R	1.50
0.75	0.80	FAM	0.10
0.80	1.10	FAVE	0.60
1.10	3.10	R	4.00
3.10	3.35	FAVE	0.50
3.35	3.55	R	0.40
3.55	3.65	S	0.20
3.65	3.70	RK	0.10
3.70	3.80	FAVE	0.20
3.80	4.00	RK	0.40
4.00	4.20	FAVE	0.40
4.20	13.30	RK	18.20
13.30	13.40	FAVE	0.20
13.40	14.35	R	1.90
14.35	14.40	FAVE	0.10
14.40	14.75	R	0.70
14.75	14.85	FAVE	0.20
14.85	16.30	RK	2.90
16.30	16.45	ACRF	0.30
16.45	20.80	RK	8.70
20.80	21.00	S	0.40
21.00	23.82	RK	5.64
23.82	23.91	FAVE	0.18
23.91	32.50	RK	17.18
32.50	32.56	FAVE	0.12
32.56	34.75	RK	4.38
34.75	34.80	FAVE	0.10
34.80	43.00	RK	16.40
43.00	44.35	S	2.70
44.35	45.30	RK	1.90
45.30	45.35	S	0.10
45.35	45.85	RK	1.00
45.85	46.00	FAVM	0.30
46.00	46.90	RK	1.80
46.90	47.05	FAVM	0.30
47.05	48.60	R	3.10
48.60	48.90	FAVM	0.60
48.90	50.00	RK	2.20

CB 10: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	2.30	RK	4.60
2.30	2.60	ACRT	0.60
2.60	5.25	RK	5.30
5.25	5.30	FAVE	0.10
5.30	14.40	RK	18.20
14.40	14.50	FAVE	0.20
14.50	18.08	RK	7.16
18.08	18.10	FAVS	0.04
18.10	18.20	R	0.20
18.20	18.45	FAVS	0.50
18.45	18.98	R	1.06
18.98	19.05	FAVS	0.14
19.05	19.40	RK	0.70
19.40	19.45	FAVS	0.10
19.45	20.00	RK	1.10
20.00	29.00	RK	18.00
29.00	29.25	S	0.50
29.25	33.20	RK	7.90
33.20	33.30	FAVS	0.20
33.30	37.40	RK	8.20
37.40	37.80	FAVS	0.80
37.80	38.35	RK	1.10
38.35	38.40	FAVS	0.10
38.40	38.60	RK	0.40
38.60	38.90	FAVS	0.60
38.90	39.00	R	0.20
39.00	39.30	FAVS	0.60
39.30	39.55	RK	0.50
39.55	39.80	S	0.50
39.80	42.30	RK	5.00
42.30	42.40	FAVS	0.20
42.40	43.20	RKS	1.60
43.20	43.40	FAVE	0.40
43.40	47.20	RK	7.60
47.20	47.25	FAVS	0.10
47.25	48.85	RK	3.20
48.85	49.00	S	0.30
49.00	50.00	RK	2.00

CB 10: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.20	RK	0.40
0.20	0.40	S	0.40
0.40	0.60	RK	0.40
0.60	1.00	R	0.80
1.00	2.00	RK	2.00
2.00	2.08	ACRD	0.16
2.08	4.35	RK	4.54
4.35	4.40	FAVS	0.10
4.40	8.70	RK	8.60
8.70	8.85	FAVS	0.30
8.85	11.00	RK	4.30
11.00	11.10	FAVS	0.20
11.10	18.68	RK	15.16
18.68	18.70	FAVS	0.04
18.70	21.20	RK	5.00
21.20	21.25	FAVM	0.10
21.25	22.00	RK	1.50
22.00	22.30	FAVM	0.60
22.30	22.55	RK	0.50
22.55	22.90	FAVM	0.70
22.90	23.28	RK	0.76
23.28	23.34	FAVE	0.12
23.34	23.50	RK	0.32
23.50	24.00	FAVM	1.00
24.00	27.85	RK	7.70
27.85	27.95	FAVM	0.20
27.95	35.00	RK	14.10
35.00	35.10	R	0.20
35.10	35.25	FAVS	0.30
35.25	35.70	R	0.90
35.70	35.80	FAVM	0.20
35.80	37.10	RK	2.60
37.10	37.13	FAVS	0.06
37.13	38.20	RK	2.14
38.20	38.30	FAVS	0.20
38.30	38.50	RK	0.40
38.50	38.60	FAVM	0.20
38.60	36.65	RK	-3.90
36.65	36.75	FAVM	0.20
36.75	39.16	RK	4.82
39.16	39.24	FAVM	0.16
39.24	43.32	RK	8.16
43.32	43.40	FAVM	0.16
43.40	50.00	RK	13.20

CB 11: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.70	DCA	1.40
0.70	3.00	RK	4.60
3.00	3.05	FAVS	0.10
3.05	3.70	RK	1.30
3.70	3.80	PORM	0.20
3.80	4.00	RK	0.40
4.00	4.10	FAVS	0.20
4.10	4.50	RK	0.80
4.50	5.30	R	1.60
5.30	5.68	RK	0.76
5.68	5.80	FAVS	0.24
5.80	6.25	RK	0.90
6.25	6.30	FAVS	0.10
6.30	6.80	RK	1.00
6.80	6.85	FAVS	0.10
6.85	7.60	DCA	1.50
7.60	7.65	FAVS	0.10
7.65	10.58	RK	5.86
10.58	10.65	FAVM	0.14
10.65	11.30	S	1.30
11.30	12.15	RK	1.70
12.15	12.40	S	0.50
12.40	12.80	RK	0.80
12.80	12.90	FAVE	0.20
12.90	13.52	RK	1.24
13.52	13.56	ACRD	0.08
13.56	15.75	RK	4.38
15.75	16.50	ACRT	1.50
16.50	22.60	RK	12.20
22.60	22.65	PORS	0.10
22.65	24.80	DCA	4.30
24.80	24.90	PORS	0.20
24.90	26.00	DCA	2.20
26.00	26.60	S	1.20
26.60	35.15	DCA	17.10
35.15	35.18	FAVS	0.06
35.18	36.45	RK	2.54
36.45	36.48	FAVS	0.06
36.48	36.70	R	0.44
36.70	36.80	FAVS	0.20
36.80	38.30	RK	3.00
38.30	38.60	R	0.60
38.60	39.60	DCA	2.00
39.60	41.30	RK	3.40
41.30	41.41	ACRD	0.22
41.41	47.23	DCA	11.64
47.23	47.65	ACRT	0.84
47.65	50.00	R	4.70

CB 11: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	2.40	DCA	4.80
2.40	12.60	RK	20.40
12.60	12.65	FAVS	0.10
12.65	13.10	RK	0.90
13.10	13.15	FAVS	0.10
13.15	13.35	DCA	0.40
13.35	13.70	ACRT	0.70
13.70	14.20	DCA	1.00
14.20	14.60	R	0.80
14.60	18.50	DCA	7.80
18.50	20.70	RK	4.40
20.70	20.85	ACRT	0.30
20.85	22.70	DCA	3.70
22.70	22.82	ACRD	0.24
22.82	25.00	DCA	4.36
25.00	25.12	ACRT	0.24
25.12	31.00	DCA	11.76
31.00	34.10	RK	6.20
34.10	34.20	FAVS	0.20
34.20	38.20	DCA	8.00
38.20	38.30	FAVM	0.20
38.30	39.00	RK	1.40
39.00	39.10	PORS	0.20
39.10	42.64	DCA	7.08
42.64	42.65	FAVS	0.02
42.65	44.28	DCA	3.26
44.28	44.30	FAVS	0.04
44.30	45.10	DCA	1.60
45.10	45.20	ACRE	0.20
45.20	46.75	R	3.10
46.75	46.82	FAVE	0.14
46.82	49.00	DCA	4.36
49.00	50.00	RK	2.00

CB 11: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	7.00	DCA	14.00
7.00	8.00	R	2.00
8.00	10.85	DCA	5.70
10.85	10.90	FAVM	0.10
10.90	15.50	RK	9.20
15.50	24.90	DCA	18.80
24.90	25.00	ACRD	0.20
25.00	30.40	DCA	10.80
30.40	30.45	FAVS	0.10
30.45	38.40	RK	15.90
38.40	38.90	S	1.00
38.90	39.05	RK	0.30
39.05	39.80	DCA	1.50
39.80	42.00	S	4.40
42.00	42.60	RK	1.20
42.60	43.60	S	2.00
43.60	45.10	RK	3.00
45.10	47.10	S	4.00
47.10	50.00	DCA	5.80

CB 12: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.20	R	0.40
0.20	0.40	FAVM	0.40
0.40	0.65	RK	0.50
0.65	1.00	ACRF	0.70
1.00	1.80	RK	1.60
1.80	3.60	FAVE	3.60
3.60	4.20	RK	1.20
4.20	4.30	FAVF	0.20
4.30	4.35	RK	0.10
4.35	4.45	PORS	0.20
4.45	4.55	DCA	0.20
4.55	4.70	ACRF	0.30
4.70	4.85	ACRS	0.30
4.85	5.00	RK	0.30
5.00	5.40	ACRF	0.80
5.40	5.50	RK	0.20
5.50	5.70	POCB	0.40
5.70	6.10	ACRF	0.80
6.10	6.40	PORS	0.60
6.40	6.62	RK	0.44
6.62	6.88	ACRF	0.52
6.88	7.20	RK	0.64
7.20	7.35	FAVS	0.30
7.35	7.60	ACRF	0.50
7.60	8.20	DCA	1.20
8.20	8.35	FAVM	0.30
8.35	8.40	FAVM	0.10
8.40	8.45	RK	0.10
8.45	8.55	FAVM	0.20
8.55	9.00	FAVM	0.90
9.00	9.12	POCB	0.24
9.12	9.30	ACRF	0.36
9.30	9.90	ACRB	1.20
9.90	10.00	ACRF	0.20
10.00	10.15	POCB	0.30
10.15	11.45	ACRF	2.60
11.45	11.90	DCA	0.90
11.90	12.15	ACRF	0.50
12.15	12.40	RK	0.50
12.40	12.45	POCB	0.10
12.45	12.95	DCA	1.00
12.95	13.20	ACRF	0.50
13.20	13.40	ACRB	0.40
13.40	15.00	DCA	3.20
15.00	15.40	POCS	0.80
15.40	16.10	DCA	1.40
16.10	16.35	ACRS	0.50
16.35	17.00	RK	1.30
17.00	17.20	PORM	0.40
17.20	17.40	RK	0.40
17.40	18.00	ACRF	1.20
18.00	19.35	FAVS	2.70
19.35	19.50	ACRD	0.30
19.50	20.40	RK	1.80
20.40	20.52	ACRS	0.24
20.52	20.75	RK	0.46
20.75	20.85	ACRS	0.20
20.85	21.70	RK	1.70
21.70	21.92	FAVM	0.44
21.92	22.20	RK	0.56
22.20	22.75	ACRS	1.10
22.75	23.00	DCA	0.50
23.00	23.20	ACRT	0.40
23.20	23.55	RK	0.70
23.55	23.65	MERF	0.20
23.65	23.95	DCA	0.60
23.95	24.00	ACRF	0.10
24.00	25.00	RK	2.00
25.00	25.12	ACRD	0.24
25.12	25.30	DCA	0.36
25.30	25.65	ACRD	0.70
25.65	26.10	RK	0.90
26.10	26.35	ACRF	0.50
26.35	26.40	ACRF	0.10
26.40	26.95	RK	1.10
26.95	27.00	POCB	0.10
27.00	27.20	RK	0.40
27.20	27.80	ACRF	1.20
27.80	28.10	ACRE	0.60
28.10	28.34	RK	0.48
28.34	28.60	POCB	0.52
28.60	29.05	DCA	0.90
29.05	29.30	ACRF	0.50
29.30	29.60	DCA	0.60
29.60	29.74	ACRF	0.28
29.74	30.00	POCB	0.52
30.00	30.40	DCA	0.80
30.40	30.70	FAVS	0.60
30.70	30.80	FAVM	0.20
30.80	31.30	RK	1.00
31.30	31.42	ACRF	0.24
31.42	32.00	DCA	1.16
32.00	32.05	FAVE	0.10
32.05	32.15	RK	0.20
32.15	32.50	ACRT	0.70
32.50	32.92	ACRT	0.84
32.92	33.05	ACRS	0.26
33.05	33.30	RK	0.50
33.30	33.40	ACRS	0.20
33.40	33.55	RK	0.30
33.55	33.60	ACRS	0.10
33.60	33.70	RK	0.20
33.70	34.00	ACRS	0.60
34.00	34.50	ACRT	1.00
34.50	34.60	RK	0.20
34.60	34.65	PORS	0.10
34.65	35.20	DCA	1.10
35.20	35.39	PORM	0.38
35.39	35.65	RK	0.52

Length 1	Length 2	Field Code	% Cover
35.65	36.10	ACRT	0.90
36.10	36.40	DCA	0.60
36.40	38.50	ACRT	4.20
38.50	38.75	DCA	0.50
38.75	38.82	PORS	0.14
38.82	39.25	RK	0.86
39.25	41.20	ACRT	3.90
41.20	41.50	RK	0.60
41.50	42.00	PORS	1.00
42.00	42.95	FAVS	1.90
42.95	43.00	POCB	0.10
43.00	43.10	RK	0.20
43.10	43.20	POCB	0.20
43.20	43.45	DCA	0.50
43.45	43.55	PORS	0.20
43.55	43.75	RK	0.40
43.75	44.72	FAVS	1.94
44.72	45.10	RK	0.76
45.10	45.27	FAVM	0.34
45.27	45.49	RK	0.44
45.49	45.52	FAVM	0.06
45.52	45.55	RK	0.06
45.55	45.81	PORS	0.52
45.81	46.00	RK	0.38
46.00	46.15	MUSM	0.30
46.15	46.62	DCA	0.94
46.62	47.30	ACRF	1.36
47.30	47.60	PORS	0.60
47.60	47.70	POCB	0.20
47.70	48.00	DCA	0.60
48.00	48.70	PORS	1.40
48.70	49.00	DCA	0.60
49.00	49.15	FAVM	0.30
49.15	49.20	RK	0.10
49.20	49.60	ACRT	0.80
49.60	50.00	DCA	0.80

CB 12: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.50	ACRT	1.00
0.50	0.70	DCA	0.40
0.70	1.60	FAVS	1.80
1.60	2.40	RK	1.60
2.40	2.70	ACRT	0.60
2.70	2.90	RK	0.40
2.90	3.20	PORS	0.60
3.20	3.70	RK	1.00
3.70	3.80	DC1	0.20
3.80	3.90	POCB	0.20
3.90	4.19	RK	0.58
4.19	4.21	POCB	0.04
4.21	4.80	RK	1.18
4.80	5.10	ACRS	0.60
5.10	5.30	POCB	0.40
5.30	6.10	RK	1.60
6.10	6.30	PORS	0.40
6.30	6.50	POCB	0.40
6.50	6.59	RK	0.18
6.59	6.61	FAVS	0.04
6.61	6.85	RK	0.48
6.85	7.00	ACRS	0.30
7.00	7.25	RK	0.50
7.25	7.50	POCB	0.50
7.50	7.80	FAVS	0.60
7.80	8.00	PORS	0.40
8.00	9.50	DCA	3.00
9.50	9.80	FAVS	0.60
9.80	11.30	DCA	3.00
11.30	12.00	ACRF	1.40
12.00	12.25	RK	0.50
12.25	12.30	POCB	0.10
12.30	12.52	ACRT	0.44
12.52	12.70	RK	0.36
12.70	13.00	PORS	0.60
13.00	13.20	RK	0.40
13.20	13.28	PORE	0.16
13.28	14.25	DCA	1.94
14.25	15.00	FAVS	1.50
15.00	16.10	S	2.20
16.10	17.60	RK	3.00
17.60	17.75	PORS	0.30
17.75	17.95	RK	0.40
17.95	18.05	FUN	0.20
18.05	18.90	RK	1.70
18.90	19.00	ACRD	0.20
19.00	19.20	PORS	0.40
19.20	19.40	RK	0.40
19.40	19.50	PORS	0.20
19.50	19.70	ACRF	0.40
19.70	20.10	D	0.80
20.10	20.25	ACRT	0.30
20.25	20.40	RK	0.30
20.40	20.70	ACRT	0.60
20.70	21.00	RK	0.60
21.00	21.20	POCB	0.40
21.20	21.40	RK	0.40
21.40	21.72	PORS	0.64
21.72	22.00	RK	0.56
22.00	22.10	FAVF	0.20
22.10	22.50	RK	0.80
22.50	22.60	FAVM	0.20
22.60	22.65	FAVM	0.10
22.65	23.35	RK	1.40
23.35	23.70	FAVS	0.70
23.70	23.80	DCA	0.20
23.80	24.05	FAVS	0.50
24.05	24.50	ACRF	0.90
24.50	25.30	RK	1.60
25.30	26.00	ACRB	1.40
26.00	27.00	DCA	2.00
27.00	27.30	ACRB	0.60
27.30	27.90	DCA	1.20
27.90	29.00	ACRB	2.20
29.00	29.50	DCA	1.00
29.50	29.70	ACRB	0.40
29.70	30.00	DCA	0.60
30.00	30.20	ACRT	0.40
30.20	30.80	RK	1.20
30.80	31.00	POCB	0.40
31.00	31.50	PORS	1.00
31.50	31.90	RK	0.80
31.90	32.05	POCB	0.30
32.05	32.40	ACRF	0.70
32.40	32.52	RK	0.24
32.52	33.90	FAVS	2.76
33.90	34.80	RK	1.80
34.80	35.10	PORS	0.60
35.10	35.60	RK	1.00
35.60	35.80	PORS	0.40
35.80	36.00	RK	0.40
36.00	36.20	PORS	0.40
36.20	36.45	RK	0.50
36.45	36.50	POCD	0.10
36.50	36.78	RK	0.56
36.78	37.00	PORS	0.44
37.00	37.70	RK	1.40
37.70	37.75	FAVE	0.10
37.75	37.80	PORS	0.10
37.80	38.05	FAVS	0.50
38.05	38.20	DCA	0.30
38.20	38.45	ACRF	0.50
38.45	39.40	DCA	1.90
39.40	39.75	ACRD	0.70
39.75	40.30	PORS	1.10
40.30	41.30	RK	2.00
41.30	42.10	ACRS	1.60
42.10	42.30	RK	0.40
42.30	42.40	ACRF	0.20

Length 1	Length 2	Field Code	% Cover
42.40	42.70	DCA	0.60
42.70	42.80	ACRT	0.20
42.80	43.10	RK	0.60
43.10	43.25	ACRE	0.30
43.25	43.90	RK	1.30
43.90	44.00	POCB	0.20
44.00	44.30	DCA	0.60
44.30	44.70	PORS	0.80
44.70	45.20	ACRT	1.00
45.20	45.30	POCB	0.20
45.30	45.50	DCA	0.40
45.50	45.70	POCB	0.40
45.70	46.35	ACRF	1.30
46.35	47.40	DCA	2.10
47.40	47.50	PORS	0.20
47.50	48.00	DCA	1.00
48.00	48.10	PORS	0.20
48.10	48.80	DCA	1.40
48.80	49.00	POCB	0.40
49.00	49.40	PORS	0.80
49.40	49.85	RK	0.90
49.85	50.00	PORS	0.30

CB 12: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.60	RK	1.20
0.60	0.80	ACRD	0.40
0.80	0.85	ACRF	0.10
0.85	1.00	RK	0.30
1.00	1.10	PORS	0.20
1.10	1.85	RK	1.50
1.85	1.90	FAVE	0.10
1.90	2.50	RK	1.20
2.50	3.00	POCB	1.00
3.00	3.05	PORS	0.10
3.05	3.10	ACRF	0.10
3.10	3.28	RK	0.36
3.28	3.40	ACRT	0.24
3.40	3.80	RK	0.80
3.80	4.00	POCB	0.40
4.00	4.30	RK	0.60
4.30	4.70	ACRT	0.80
4.70	4.80	RK	0.20
4.80	5.00	FAVS	0.40
5.00	6.40	DCA	2.80
6.40	6.52	ACRD	0.24
6.52	6.80	DCA	0.56
6.80	6.90	ACRB	0.20
6.90	7.10	DCA	0.40
7.10	7.15	ACRF	0.10
7.15	8.10	ACRB	1.90
8.10	8.55	RK	0.90
8.55	8.90	FAVE	0.70
8.90	8.95	RK	0.10
8.95	9.10	ACRS	0.30
9.10	9.25	RK	0.30
9.25	9.40	ACRF	0.30
9.40	9.50	FAVE	0.20
9.50	9.60	ACRS	0.20
9.60	10.65	DCA	2.10
10.65	10.95	FAVS	0.60
10.95	11.10	DCA	0.30
11.10	11.30	ACRT	0.40
11.30	11.55	FAVS	0.50
11.55	11.70	RK	0.30
11.70	11.90	POCB	0.40
11.90	12.05	ACRS	0.30
12.05	12.50	RK	0.90
12.50	12.60	FAVS	0.20
12.60	12.80	DCA	0.40
12.80	13.10	FAVS	0.60
13.10	13.20	POCB	0.20
13.20	13.32	RK	0.24
13.32	13.60	FAVS	0.56
13.60	14.00	PORS	0.80
14.00	14.70	FAVS	1.40
14.70	15.10	RK	0.80
15.10	15.53	RK	0.86
15.53	15.55	FUN	0.04
15.55	15.62	PORS	0.14
15.62	16.00	RK	0.76
16.00	16.35	PORS	0.70
16.35	16.50	FAVS	0.30
16.50	16.60	RK	0.20
16.60	16.68	PORS	0.16
16.68	17.00	RK	0.64
17.00	17.15	ACRE	0.30
17.15	17.30	RK	0.30
17.30	17.45	FAVS	0.30
17.45	17.70	RK	0.50
17.70	18.00	FAVS	0.60
18.00	18.40	PORS	0.80
18.40	18.70	RK	0.60
18.70	18.80	PORS	0.20
18.80	19.10	RK	0.60
19.10	19.20	PORS	0.20
19.20	20.10	DCA	1.80
20.10	20.20	POCB	0.20
20.20	20.35	RK	0.30
20.35	20.55	FAVF	0.40
20.55	20.65	RK	0.20
20.65	20.70	FAVS	0.10
20.70	20.78	RK	0.16
20.78	20.80	FAVS	0.04
20.80	20.90	RK	0.20
20.90	21.12	FAVS	0.44
21.12	21.50	DCA	0.76
21.50	21.60	FAVF	0.20
21.60	23.30	RK	3.40
23.30	23.50	POCB	0.40
23.50	23.85	ARCS	0.70
23.85	23.90	RK	0.10
23.90	24.00	FAVE	0.20
24.00	24.20	RK	0.40
24.20	24.25	ACRS	0.10
24.25	24.60	RK	0.70
24.60	24.80	POCB	0.40
24.80	25.10	S	0.60
25.10	25.30	ACRT	0.40
25.30	25.40	DCA	0.20
25.40	25.62	ACRT	0.44
25.62	25.90	DCA	0.56
25.90	26.00	ACRT	0.20
26.00	26.32	RK	0.64
26.32	26.70	ACRT	0.76
26.70	26.80	RK	0.20
26.80	27.00	PORS	0.40
27.00	27.25	RK	0.50
27.25	27.28	PORS	0.06
27.28	28.90	RK	3.24
28.90	29.00	ACRT	0.20
29.00	29.20	RK	0.40
29.20	29.50	ACRT	0.60
29.50	30.00	DCA	1.00

Length 1	Length 2	Field Code	% Cover
30.00	30.10	ACRT	0.20
30.10	30.28	DCA	0.36
30.28	30.50	MUSM	0.44
30.50	30.80	RK	0.60
30.80	30.95	ACRF	0.30
30.95	31.30	RK	0.70
31.30	31.50	ACRD	0.40
31.50	31.57	RK	0.14
31.57	31.65	ACRF	0.16
31.65	32.25	DCA	1.20
32.25	32.34	PORS	0.18
32.34	33.20	RK	1.72
33.20	33.35	ACRS	0.30
33.35	33.37	RK	0.04
33.37	33.42	FAVM	0.10
33.42	34.09	RK	1.34
34.09	34.12	ACRD	0.06
34.12	34.70	RK	1.16
34.70	34.80	POCD	0.20
34.80	35.28	RK	0.96
35.28	35.40	ACRF	0.24
35.40	35.50	ACRT	0.20
35.50	35.80	ACRT	0.60
35.80	36.20	RK	0.80
36.20	36.40	PORS	0.40
36.40	36.90	RK	1.00
36.90	37.10	POCB	0.40
37.10	37.30	DCA	0.40
37.30	37.60	ACRS	0.60
37.60	37.90	RK	0.60
37.90	38.00	PORS	0.20
38.00	38.10	RK	0.20
38.10	38.32	ACRT	0.44
38.32	38.70	FAVF	0.76
38.70	38.90	PORS	0.40
38.90	39.00	POCB	0.20
39.00	39.20	DCA	0.40
39.20	39.30	FAVS	0.20
39.30	39.70	DCA	0.80
39.70	40.20	FAVS	1.00
40.20	40.31	PORS	0.22
40.31	41.10	RK	1.58
41.10	41.30	POCB	0.40
41.30	41.50	ACRF	0.40
41.50	41.72	MUSM	0.44
41.72	42.42	RK	1.40
42.42	42.50	PORS	0.16
42.50	42.64	RK	0.28
42.64	42.78	FAVS	0.28
42.78	43.35	RK	1.14
43.35	43.40	FAVM	0.10
43.40	43.50	RK	0.20
43.50	43.52	FAVM	0.04
43.52	43.85	DCA	0.66
43.85	44.00	POCB	0.30
44.00	44.42	RK	0.84
44.42	44.60	POCB	0.36
44.60	44.68	RK	0.16
44.68	44.70	FAVF	0.04
44.70	45.00	RK	0.60
45.00	45.05	FAVF	0.10
45.05	45.35	RK	0.60
45.35	45.50	POCB	0.30
45.50	45.70	ACRT	0.40
45.70	46.00	RK	0.60
46.00	46.10	ACRT	0.20
46.10	46.30	PORS	0.40
46.30	46.38	ACRT	0.16
46.38	46.90	DCA	1.04
46.90	47.00	PORS	0.20
47.00	47.50	ACRF	1.00
47.50	48.10	RK	1.20
48.10	48.25	ACRF	0.30
48.25	48.60	RK	0.70
48.60	48.70	ACRF	0.20
48.70	48.85	RK	0.30
48.85	49.10	ACRF	0.50
49.10	49.30	RK	0.40
49.30	49.70	FAVS	0.80
49.70	50.00	RK	0.60

CB 13: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.40	DCA	0.80
0.40	0.45	FUN	0.10
0.45	0.50	DCA	0.10
0.50	0.60	DCA	0.20
0.60	0.75	FAVE	0.30
0.75	0.80	PORS	0.10
0.80	1.20	DCA	0.80
1.20	1.30	PORS	0.20
1.30	1.45	MERE	0.30
1.45	1.52	RK	0.14
1.52	1.60	PORS	0.16
1.60	1.75	RK	0.30
1.75	2.00	FAVS	0.50
2.00	2.15	RK	0.30
2.15	2.20	FAVE	0.10
2.20	3.30	DCA	2.20
3.30	3.50	S	0.40
3.50	3.60	PORM	0.20
3.60	3.95	RK	0.70
3.95	4.10	S	0.30
4.10	4.20	DCA	0.20
4.20	4.25	FAVM	0.10
4.25	4.70	DCA	0.90
4.70	4.80	MERE	0.20
4.80	5.20	RK	0.80
5.20	6.00	S	1.60
6.00	6.50	RK	1.00
6.50	6.80	ACRS	0.60
6.80	7.00	RK	0.40
7.00	7.05	ACRS	0.10
7.05	7.38	RK	0.66
7.38	7.40	FAVS	0.04
7.40	7.70	S	0.60
7.70	8.00	RK	0.60
8.00	8.40	S	0.80
8.40	8.50	PORS	0.20
8.50	9.18	RK	1.36
9.18	9.50	FAVE	0.64
9.50	10.00	S	1.00
10.00	10.10	FAVS	0.20
10.10	10.45	FAVS	0.70
10.45	10.70	S	0.50
10.70	10.87	RK	0.34
10.87	11.00	PORS	0.26
11.00	11.19	RK	0.38
11.19	11.20	FAVS	0.02
11.20	11.33	PORM	0.26
11.33	11.60	RK	0.54
11.60	11.70	MERE	0.20
11.70	11.85	RK	0.30
11.85	11.95	MERE	0.20
11.95	12.05	POCS	0.20
12.05	12.15	RK	0.20
12.15	12.30	POCS	0.30
12.30	12.40	FAVM	0.20
12.40	12.75	RK	0.70
12.75	12.90	MERE	0.30
12.90	13.30	RK	0.80
13.30	13.80	FAVS	1.00
13.80	14.30	RK	1.00
14.30	14.35	FAVE	0.10
14.35	14.60	RK	0.50
14.60	14.70	PORM	0.20
14.70	15.17	RK	0.94
15.17	15.20	MERE	0.06
15.20	15.40	FAVM	0.40
15.40	16.10	FAVS	1.40
16.10	16.40	S	0.60
16.40	16.57	RK	0.34
16.57	16.60	MERE	0.06
16.60	16.68	RK	0.16
16.68	16.75	POCS	0.14
16.75	17.20	RK	0.90
17.20	17.50	MERE	0.60
17.50	17.70	FAVS	0.40
17.70	17.80	FAVM	0.20
17.80	18.00	FAVS	0.40
18.00	18.05	FAVM	0.10
18.05	18.25	RK	0.40
18.25	18.30	FAVE	0.10
18.30	18.50	RK	0.40
18.50	18.70	PORM	0.40
18.70	18.80	RK	0.20
18.80	18.90	PORS	0.20
18.90	19.50	RK	1.20
19.50	19.60	FAVM	0.20
19.60	19.70	FAVS	0.20
19.70	20.00	RK	0.60
20.00	20.65	S	1.30
20.65	20.80	PORM	0.30
20.80	21.00	S	0.40
21.00	21.18	MERE	0.36
21.18	21.40	RK	0.44
21.40	21.60	S	0.40
21.60	21.80	RK	0.40
21.80	22.10	S	0.60
22.10	22.55	RK	0.90
22.55	22.90	FAVS	0.70
22.90	23.70	RK	1.60
23.70	23.85	MERE	0.30
23.85	24.58	RK	1.46
24.58	24.60	FAVE	0.04
24.60	25.60	RK	2.00
25.60	25.70	FAVM	0.20
25.70	25.90	RK	0.40
25.90	26.48	S	1.16
26.48	26.50	FAVM	0.04
26.50	27.25	RK	1.50
27.25	27.30	FAVM	0.10

Length 1	Length 2	Field Code	% Cover
27.30	27.70	FAVE	0.80
27.70	27.75	PORM	0.10
27.75	27.95	RK	0.40
27.95	28.00	FAVS	0.10
28.00	28.45	S	0.90
28.45	28.58	FAVS	0.26
28.58	29.28	FAVM	1.40
29.28	29.65	RK	0.74
29.65	29.75	FAVM	0.20
29.75	29.95	S	0.40
29.95	30.00	FAVS	0.10
30.00	30.15	RK	0.30
30.15	30.55	S	0.80
30.55	30.70	RK	0.30
30.70	30.75	MERE	0.10
30.75	30.85	RK	0.20
30.85	30.90	FAVE	0.10
30.90	30.95	MERE	0.10
30.95	31.08	RK	0.26
31.08	31.22	PORM	0.28
31.22	31.70	RK	0.96
31.70	31.80	S	0.20
31.80	31.90	RK	0.20
31.90	32.00	FAVE	0.20
32.00	32.10	ACRD	0.20
32.10	32.15	RK	0.10
32.15	32.40	PORM	0.50
32.40	32.60	RK	0.40
32.60	32.68	PORM	0.16
32.68	32.80	PORS	0.24
32.80	33.00	PORM	0.40
33.00	33.10	RK	0.20
33.10	33.15	PORS	0.10
33.15	33.20	RK	0.10
33.20	33.50	PORM	0.60
33.50	34.50	S	2.00
34.50	34.78	FAVS	0.56
34.78	34.90	S	0.24
34.90	34.92	FAVS	0.04
34.92	35.00	S	0.16
35.00	35.10	FAVS	0.20
35.10	35.30	RK	0.40
35.30	35.50	FAVS	0.40
35.50	35.65	RK	0.30
35.65	35.70	FAVS	0.10
35.70	35.75	RK	0.10
35.75	35.85	FAVS	0.20
35.85	36.60	RK	1.50
36.60	37.80	FAVS	2.40
37.80	38.50	DCA	1.40
38.50	39.20	S	1.40
39.20	39.28	PORM	0.16
39.28	39.45	MERE	0.34
39.45	39.50	RK	0.10
39.50	39.55	MERE	0.10
39.55	40.25	RK	1.40
40.25	40.40	MERE	0.30
40.40	40.65	RK	0.50
40.65	40.80	PORM	0.30
40.80	41.00	RK	0.40
41.00	41.05	FAVM	0.10
41.05	41.20	RK	0.30
41.20	41.40	S	0.40
41.40	41.60	PORM	0.40
41.60	41.88	RK	0.56
41.88	41.92	FAVS	0.08
41.92	42.20	RK	0.56
42.20	42.30	PORS	0.20
42.30	42.88	RK	1.16
42.88	43.00	FAVM	0.24
43.00	43.20	RK	0.40
43.20	43.25	MERE	0.10
43.25	43.40	PORS	0.30
43.40	43.50	RK	0.20
43.50	43.60	ACRF	0.20
43.60	44.00	RK	0.80
44.00	44.05	FAVS	0.10
44.05	44.15	RK	0.20
44.15	44.30	PORM	0.30
44.30	44.35	FAVS	0.10
44.35	44.45	RK	0.20
44.45	44.75	ACRF	0.60
44.75	45.00	RK	0.50
45.00	45.20	ACRD	0.40
45.20	45.40	RK	0.40
45.40	45.50	FAVM	0.20
45.50	45.55	RK	0.10
45.55	45.68	ACRT	0.26
45.68	46.00	RK	0.64
46.00	46.20	ACRF	0.40
46.20	46.70	RK	1.00
46.70	46.80	PORM	0.20
46.80	46.95	FAVM	0.30
46.95	47.10	RK	0.30
47.10	47.35	ACRF	0.50
47.35	47.80	RK	0.90
47.80	47.85	ACRF	0.10
47.85	48.35	RK	1.00
48.35	48.40	PORS	0.10
48.40	48.70	RK	0.60
48.70	48.75	MERE	0.10
48.75	49.00	RK	0.50
49.00	49.05	FAVS	0.10
49.05	49.40	RK	0.70
49.40	49.50	MERE	0.20
49.50	49.70	RK	0.40
49.70	49.80	ACRF	0.20
49.80	50.00	RK	0.40

CB 13: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.20	RK	0.40
0.20	0.30	FAVS	0.20
0.30	0.55	RK	0.50
0.55	1.20	FAVS	1.30
1.20	1.50	PORS	0.60
1.50	1.70	RK	0.40
1.70	1.90	FAVE	0.40
1.90	2.10	FAVS	0.40
2.10	2.20	RK	0.20
2.20	2.50	FAVS	0.60
2.50	2.65	RK	0.30
2.65	2.75	PORS	0.20
2.75	2.90	PORM	0.30
2.90	3.10	RK	0.40
3.10	3.30	PORM	0.40
3.30	3.65	RK	0.70
3.65	3.70	FAVS	0.10
3.70	4.30	R	1.20
4.30	4.40	FAVM	0.20
4.40	4.75	R	0.70
4.75	4.90	FAVS	0.30
4.90	5.25	R	0.70
5.25	5.30	MERE	0.10
5.30	5.40	PORS	0.20
5.40	5.60	RK	0.40
5.60	5.70	PORM	0.20
5.70	5.90	RK	0.40
5.90	6.00	PORS	0.20
6.00	6.28	R	0.56
6.28	6.40	PORM	0.24
6.40	6.90	RK	1.00
6.90	6.95	FAVE	0.10
6.95	7.10	RK	0.30
7.10	7.15	FAVE	0.10
7.15	7.50	MERS	0.70
7.50	7.70	ACRD	0.40
7.70	8.00	PORM	0.60
8.00	8.45	RK	0.90
8.45	8.50	MERE	0.10
8.50	8.58	RK	0.16
8.58	8.70	FAVM	0.24
8.70	9.20	RK	1.00
9.20	9.35	FAVM	0.30
9.35	9.45	RK	0.20
9.45	9.54	PORM	0.18
9.54	11.25	RK	3.42
11.25	11.35	PORM	0.20
11.35	12.25	RK	1.80
12.25	12.55	ACRF	0.60
12.55	12.65	RK	0.20
12.65	13.80	ACRT	2.30
13.80	14.40	RK	1.20
14.40	14.45	PORS	0.10
14.45	14.50	RK	0.10
14.50	14.60	FAVM	0.20
14.60	14.80	PORS	0.40
14.80	14.85	MERS	0.10
14.85	14.90	PORS	0.10
14.90	15.80	RK	1.80
15.80	15.88	PORS	0.16
15.88	16.18	RK	0.60
16.18	16.30	PORS	0.24
16.30	16.80	FAVM	1.00
16.80	16.85	RK	0.10
16.85	16.90	PORS	0.10
16.90	17.25	RK	0.70
17.25	17.30	MERS	0.10
17.30	17.40	FAVM	0.20
17.40	17.46	RK	0.12
17.46	17.52	FAVM	0.12
17.52	17.70	RK	0.36
17.70	17.80	PORM	0.20
17.80	18.10	RK	0.60
18.10	18.40	ACRT	0.60
18.40	18.50	RK	0.20
18.50	19.00	FAVS	1.00
19.00	19.15	S	0.30
19.15	19.25	PORS	0.20
19.25	20.80	S	3.10
20.80	21.45	RK	1.30
21.45	21.50	FAVM	0.10
21.50	21.70	RK	0.40
21.70	21.75	DC1	0.10
21.75	21.80	PORS	0.10
21.80	22.00	RK	0.40
22.00	22.15	ACRD	0.30
22.15	22.25	RK	0.20
22.25	22.30	FAVM	0.10
22.30	22.70	RK	0.80
22.70	22.75	MERE	0.10
22.75	23.48	RK	1.46
23.48	23.52	ACRD	0.08
23.52	23.78	RK	0.52
23.78	23.83	FAVM	0.10
23.83	24.90	FAVS	2.14
24.90	25.30	S	0.80
25.30	25.72	RK	0.84
25.72	25.76	PORS	0.08
25.76	27.00	RK	2.48
27.00	27.15	MERS	0.30
27.15	28.30	RK	2.30
28.30	28.70	FAVS	0.80
28.70	29.00	RK	0.60
29.00	29.15	PORS	0.30
29.15	29.30	FAVS	0.30
29.30	29.40	FAVM	0.20
29.40	29.45	RK	0.10
29.45	29.55	ACRE	0.20
29.55	29.60	RK	0.10

Length 1	Length 2	Field Code	% Cover
29.60	29.65	MERE	0.10
29.65	30.00	RK	0.70
30.00	30.05	PORS	0.10
30.05	30.40	RK	0.70
30.40	30.45	PORS	0.10
30.45	30.58	FAVM	0.26
30.58	31.25	RK	1.34
31.25	31.40	PORS	0.30
31.40	31.48	RK	0.16
31.48	31.80	FAVM	0.64
31.80	32.55	RK	1.50
32.55	32.82	FAVM	0.54
32.82	33.05	RK	0.46
33.05	33.10	MERE	0.10
33.10	33.76	RK	1.32
33.76	33.78	MERE	0.04
33.78	34.20	RK	0.84
34.20	35.60	S	2.80
35.60	35.80	RK	0.40
35.80	36.30	FAVS	1.00
36.30	37.30	S	2.00
37.30	37.40	RK	0.20
37.40	37.69	S	0.58
37.69	37.75	FAVS	0.12
37.75	38.10	S	0.70
38.10	38.30	PORM	0.40
38.30	38.50	FAVM	0.40
38.50	38.89	RK	0.78
38.89	38.94	FUN	0.10
38.94	39.00	RK	0.12
39.00	39.10	FAVM	0.20
39.10	39.48	DCA	0.76
39.48	39.55	FAVM	0.14
39.55	40.80	RK	2.50
40.80	40.84	FAVM	0.08
40.84	40.90	PORM	0.12
40.90	41.90	RK	2.00
41.90	42.00	FAVM	0.20
42.00	42.85	RK	1.70
42.85	42.89	FAVM	0.08
42.89	43.05	RK	0.32
43.05	43.40	FAVS	0.70
43.40	43.50	RK	0.20
43.50	43.64	FAVM	0.28
43.64	44.00	RK	0.72
44.00	44.40	FAVS	0.80
44.40	44.55	PORS	0.30
44.55	45.00	FAVS	0.90
45.00	45.20	RK	0.40
45.20	45.30	FAVS	0.20
45.30	45.40	FAVM	0.20
45.40	45.50	RK	0.20
45.50	45.55	PORS	0.10
45.55	45.70	RK	0.30
45.70	45.85	FAVS	0.30
45.85	46.00	RK	0.30
46.00	46.40	FAVS	0.80
46.40	46.48	RK	0.16
46.48	46.50	PORS	0.04
46.50	47.00	RK	1.00
47.00	47.20	MERS	0.40
47.20	47.35	RK	0.30
47.35	47.45	PORS	0.20
47.45	48.45	RK	2.00
48.45	48.56	FAVM	0.22
48.56	48.90	RK	0.68
48.90	49.05	FAVS	0.30
49.05	49.25	RK	0.40
49.25	49.35	DC1	0.20
49.35	49.55	RK	0.40
49.55	49.70	PORS	0.30
49.70	50.00	RK	0.60

CB 13: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.90	FAVS	1.80
0.90	1.20	FAVF	0.60
1.20	1.32	RK	0.24
1.32	1.49	FAVM	0.34
1.49	1.55	RK	0.12
1.55	1.65	FAVM	0.20
1.65	1.70	PORS	0.10
1.70	1.95	RK	0.50
1.95	2.60	FAVS	1.30
2.60	2.90	S	0.60
2.90	3.00	RK	0.20
3.00	4.30	S	2.60
4.30	4.45	R	0.30
4.45	4.60	FAVM	0.30
4.60	5.50	FAVS	1.80
5.50	6.15	S	1.30
6.15	6.20	FAVS	0.10
6.20	6.25	RK	0.10
6.25	6.30	FAVM	0.10
6.30	6.35	FUN	0.10
6.35	6.90	RK	1.10
6.90	7.90	FAVS	2.00
7.90	8.10	PORM	0.40
8.10	8.30	RK	0.40
8.30	8.35	ACRD	0.10
8.35	8.75	FAVS	0.80
8.75	8.85	ACRD	0.20
8.85	9.00	MUS	0.30
9.00	9.45	RK	0.90
9.45	9.70	FAVS	0.50
9.70	9.86	RK	0.32
9.86	10.00	FAVM	0.28
10.00	10.20	FAVS	0.40
10.20	10.35	RK	0.30
10.35	10.46	PORS	0.22
10.46	10.55	RK	0.18
10.55	10.65	FAVM	0.20
10.65	10.82	RK	0.34
10.82	11.00	FAVM	0.36
11.00	11.25	FAVS	0.50
11.25	11.34	RK	0.18
11.34	11.35	FAVM	0.02
11.35	11.80	RK	0.90
11.80	11.90	MERS	0.20
11.90	12.30	RK	0.80
12.30	12.70	FAVS	0.80
12.70	12.76	RK	0.12
12.76	12.80	FAVM	0.08
12.80	12.90	RK	0.20
12.90	13.20	FAVS	0.60
13.20	14.32	RK	2.24
14.32	14.36	FAVM	0.08
14.36	14.70	RK	0.68
14.70	14.80	FAVM	0.20
14.80	15.25	S	0.90
15.25	15.60	FAVS	0.70
15.60	15.90	R	0.60
15.90	16.32	DCA	0.84
16.32	16.40	PORM	0.16
16.40	16.65	RK	0.50
16.65	16.70	MERE	0.10
16.70	17.10	RK	0.80
17.10	17.22	PORM	0.24
17.22	17.35	RK	0.26
17.35	17.45	DC1	0.20
17.45	17.55	RK	0.20
17.55	17.60	FAVM	0.10
17.60	17.80	RK	0.40
17.80	17.90	FAVM	0.20
17.90	18.00	DC1	0.20
18.00	18.10	RK	0.20
18.10	18.50	FAVS	0.80
18.50	18.60	MERE	0.20
18.60	18.70	RK	0.20
18.70	18.75	FAVM	0.10
18.75	18.85	RK	0.20
18.85	18.90	PORS	0.10
18.90	19.45	RK	1.10
19.45	19.70	MERS	0.50
19.70	19.85	RK	0.30
19.85	19.90	FAVM	0.10
19.90	20.00	RK	0.20
20.00	20.55	FAVF	1.10
20.55	20.85	RK	0.60
20.85	20.95	ACRD	0.20
20.95	21.10	ACRF	0.30
21.10	21.18	RK	0.16
21.18	21.40	PORS	0.44
21.40	21.46	RK	0.12
21.46	21.60	MUS	0.28
21.60	21.80	RK	0.40
21.80	21.90	MERS	0.20
21.90	23.38	RK	2.96
23.38	23.42	ACRB	0.08
23.42	24.00	RK	1.16
24.00	24.10	FAVS	0.20
24.10	24.35	PORM	0.50
24.35	24.95	RK	1.20
24.95	25.30	FAVS	0.70
25.30	25.40	RK	0.20
25.40	25.50	ACRD	0.20
25.50	25.56	PORS	0.12
25.56	25.60	S	0.08
25.60	25.70	FAVM	0.20
25.70	25.80	PORS	0.20
25.80	26.00	S	0.40
26.00	26.20	RK	0.40
26.20	26.28	S	0.16
26.28	26.40	FAVS	0.24

Length 1	Length 2	Field Code	% Cover
26.40	27.70	S	2.60
27.70	27.90	PORS	0.40
27.90	28.00	FAVM	0.20
28.00	28.68	RK	1.36
28.68	28.80	FUN	0.24
28.80	28.89	RK	0.18
28.89	29.00	FAVM	0.22
29.00	29.55	RK	1.10
29.55	29.60	MERS	0.10
29.60	29.78	RK	0.36
29.78	29.88	PORS	0.20
29.88	30.00	RK	0.24
30.00	30.10	ACRD	0.20
30.10	30.30	RK	0.40
30.30	30.34	PORS	0.08
30.34	30.59	RK	0.50
30.59	30.65	PORM	0.12
30.65	30.68	RK	0.06
30.68	30.90	FAVM	0.44
30.90	31.00	RK	0.20
31.00	31.10	MERS	0.20
31.10	31.70	RK	1.20
31.70	31.91	PORM	0.42
31.91	32.00	MERS	0.18
32.00	32.20	FAVS	0.40
32.20	32.40	S	0.40
32.40	32.85	FAVS	0.90
32.85	33.02	ACRF	0.34
33.02	33.10	RK	0.16
33.10	33.35	S	0.50
33.35	33.65	R	0.60
33.65	33.70	FAVM	0.10
33.70	33.85	RK	0.30
33.85	34.15	FAVS	0.60
34.15	34.30	FAVM	0.30
34.30	34.56	PORM	0.52
34.56	34.60	RK	0.08
34.60	34.72	ACRD	0.24
34.72	34.81	RK	0.18
34.81	35.00	PORS	0.38
35.00	35.90	RK	1.80
35.90	36.00	PORS	0.20
36.00	36.58	RK	1.16
36.58	36.66	MERS	0.16
36.66	37.38	RK	1.44
37.38	37.54	PORM	0.32
37.54	38.80	RK	2.52
38.80	38.85	PORS	0.10
38.85	39.50	RK	1.30
39.50	39.70	S	0.40
39.70	39.75	ACRD	0.10
39.75	39.85	S	0.20
39.85	40.10	FAVS	0.50
40.10	40.15	FAVM	0.10
40.15	40.40	RK	0.50
40.40	40.50	FAVS	0.20
40.50	40.60	R	0.20
40.60	40.65	FUN	0.10
40.65	41.45	RK	1.60
41.45	41.54	MERS	0.18
41.54	41.56	RK	0.04
41.56	41.68	PORM	0.24
41.68	41.70	S	0.04
41.70	41.90	RK	0.40
41.90	42.00	MERS	0.20
42.00	42.25	RK	0.50
42.25	42.40	PORM	0.30
42.40	42.50	FAVS	0.20
42.50	42.75	RK	0.50
42.75	42.85	PORS	0.20
42.85	43.35	RK	1.00
43.35	43.42	MERS	0.14
43.42	43.90	S	0.96
43.90	44.00	RK	0.20
44.00	44.20	S	0.40
44.20	44.48	RK	0.56
44.48	44.54	PORM	0.12
44.54	44.72	S	0.36
44.72	44.78	MERS	0.12
44.78	44.89	RK	0.22
44.89	44.92	MERS	0.06
44.92	45.10	FAVM	0.36
45.10	45.80	RK	1.40
45.80	46.00	FAVS	0.40
46.00	47.00	RK	2.00
47.00	47.30	FAVS	0.60
47.30	47.65	RK	0.70
47.65	47.75	FAVM	0.20
47.75	47.90	RK	0.30
47.90	48.00	ACRD	0.20
48.00	48.36	S	0.72
48.36	48.55	FAVS	0.38
48.55	48.75	S	0.40
48.75	48.85	PORM	0.20
48.85	49.70	S	1.70
49.70	49.80	FAVM	0.20
49.80	50.00	RK	0.40

CB 14: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	2.30	R	4.60
2.30	2.90	ACRT	1.20
2.90	3.00	R	0.20
3.00	3.20	ACRD	0.40
3.20	5.18	R	3.96
5.18	5.30	ACRT	0.24
5.30	12.40	R	14.20
12.40	12.90	ACRT	1.00
12.90	13.40	R	1.00
13.40	13.60	ACRD	0.40
13.60	14.80	R	2.40
14.80	15.40	ACRT	1.20
15.40	25.45	R	20.10
25.45	25.50	ACRF	0.10
25.50	50.00	R	49.00

CB 14: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.20	R	0.40
0.20	0.30	ACRT	0.20
0.30	11.40	R	22.20
11.40	11.80	ACRT	0.80
11.80	12.84	R	2.08
12.84	13.25	ACRD	0.82
13.25	20.34	R	14.18
20.34	20.45	ACRD	0.22
20.45	34.00	R	27.10
34.00	35.10	PORM	2.20
35.10	40.80	R	11.40
40.80	41.15	PORM	0.70
41.15	45.10	R	7.90
45.10	45.20	ACRD	0.20
45.20	50.00	R	9.60

CB 14: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	3.70	R	7.40
3.70	4.10	ACRD	0.80
4.10	7.75	R	7.30
7.75	8.00	ACRT	0.50
8.00	9.08	R	2.16
9.08	9.25	ACRT	0.34
9.25	10.48	R	2.46
10.48	10.80	ACRT	0.64
10.80	13.48	R	5.36
13.48	13.70	ACRT	0.44
13.70	25.20	R	23.00
25.20	25.55	ACRT	0.70
25.55	42.30	R	33.50
42.30	42.55	ACRT	0.50
42.55	50.00	R	14.90

CB 15: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	1.40	S	2.80
1.40	2.40	DCA	2.00
2.40	2.60	PORS	0.40
2.60	8.50	DCA	11.80
8.50	8.80	S	0.60
8.80	12.05	DCA	6.50
12.05	12.45	ACRT	0.80
12.45	13.40	DCA	1.90
13.40	13.44	ACRF	0.08
13.44	17.70	DCA	8.52
17.70	18.00	ACRT	0.60
18.00	18.15	DCA	0.30
18.15	18.40	ACRT	0.50
18.40	20.40	DCA	4.00
20.40	20.52	PORS	0.24
20.52	22.30	DCA	3.56
22.30	22.40	FAVS	0.20
22.40	23.80	DCA	2.80
23.80	23.90	ACRS	0.20
23.90	26.00	DCA	4.20
26.00	27.00	RK	2.00
27.00	27.40	S	0.80
27.40	27.75	RK	0.70
27.75	28.60	MERF	1.70
28.60	29.80	DCA	2.40
29.80	30.05	ACRS	0.50
30.05	31.60	DCA	3.10
31.60	31.65	PORS	0.10
31.65	32.20	DCA	1.10
32.20	32.30	PORS	0.20
32.30	32.54	RK	0.48
32.54	32.56	PORS	0.04
32.56	33.50	DCA	1.88
33.50	34.00	S	1.00
34.00	34.05	FAVM	0.10
34.05	40.00	DCA	11.90
40.00	40.10	PORS	0.20
40.10	40.60	DCA	1.00
40.60	40.65	MUSM	0.10
40.65	41.00	DCA	0.70
41.00	41.05	ACRF	0.10
41.05	41.20	ACRD	0.30
41.20	41.40	ACRT	0.40
41.40	43.10	RK	3.40
43.10	43.40	DC1	0.60
43.40	43.95	DCA	1.10
43.95	44.00	DC1	0.10
44.00	44.45	R	0.90
44.45	44.50	ACRF	0.10
44.50	45.30	DCA	1.60
45.30	45.40	FAVS	0.20
45.40	46.30	DCA	1.80
46.30	46.85	S	1.10
46.85	46.92	ACRD	0.14
46.92	50.00	DCA	6.16

CB 15: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.25	RK	0.50
0.25	1.00	ACRT	1.50
1.00	4.70	DCA	7.40
4.70	5.10	S	0.80
5.10	6.85	RK	3.50
6.85	7.05	PORS	0.40
7.05	9.55	RK	5.00
9.55	9.60	ACRS	0.10
9.60	12.10	RK	5.00
12.10	12.25	PORS	0.30
12.25	15.38	RK	6.26
15.38	16.48	FAVM	2.20
16.48	16.55	RK	0.14
16.55	16.60	FAVM	0.10
16.60	21.60	RK	10.00
21.60	25.20	S	7.20
25.20	25.55	RK	0.70
25.55	25.80	S	0.50
25.80	27.40	RK	3.20
27.40	27.50	PORS	0.20
27.50	27.70	RK	0.40
27.70	27.90	PORS	0.40
27.90	28.10	RK	0.40
28.10	28.20	FAVM	0.20
28.20	29.30	RK	2.20
29.30	29.35	ACRF	0.10
29.35	31.58	DCA	4.46
31.58	31.90	PORS	0.64
31.90	34.70	RK	5.60
34.70	34.75	ACRF	0.10
34.75	37.70	RK	5.90
37.70	37.80	PORE	0.20
37.80	38.85	RK	2.10
38.85	39.00	ACRD	0.30
39.00	45.60	RK	13.20
45.60	45.75	PORS	0.30
45.75	47.40	RK	3.30
47.40	47.60	PORS	0.40
47.60	48.78	RK	2.36
48.78	49.40	PORM	1.24
49.40	50.00	RK	1.20

CB 15: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	0.70	RK	1.40
0.70	1.30	S	1.20
1.30	1.70	DCA	0.80
1.70	3.00	S	2.60
3.00	3.20	DCA	0.40
3.20	3.40	ACRB	0.40
3.40	3.90	S	1.00
3.90	4.35	RK	0.90
4.35	5.00	ACRS	1.30
5.00	5.20	RK	0.40
5.20	5.26	ACRF	0.12
5.26	5.80	RK	1.08
5.80	6.00	FAVS	0.40
6.00	6.10	RK	0.20
6.10	6.20	FAVS	0.20
6.20	7.15	RK	1.90
7.15	7.60	S	0.90
7.60	8.10	RK	1.00
8.10	8.55	S	0.90
8.55	8.60	RK	0.10
8.60	9.00	ACRB	0.80
9.00	10.00	RK	2.00
10.00	10.35	S	0.70
10.35	10.40	FAVM	0.10
10.40	10.70	S	0.60
10.70	13.00	RK	4.60
13.00	13.44	ACRS	0.88
13.44	13.70	RK	0.52
13.70	13.95	ACRS	0.50
13.95	14.37	RK	0.84
14.37	14.40	FAVM	0.06
14.40	16.00	RK	3.20
16.00	16.10	ACRS	0.20
16.10	18.00	RK	3.80
18.00	18.70	S	1.40
18.70	18.80	ACRS	0.20
18.80	18.95	RK	0.30
18.95	19.05	ACRS	0.20
19.05	19.20	RK	0.30
19.20	19.45	S	0.50
19.45	19.80	RK	0.70
19.80	20.10	ACRT	0.60
20.10	21.20	S	2.20
21.20	23.00	RK	3.60
23.00	23.17	ACRT	0.34
23.17	23.95	RK	1.56
23.95	24.15	ACRS	0.40
24.15	25.70	RK	3.10
25.70	26.00	ACRS	0.60
26.00	26.10	RK	0.20
26.10	26.30	ACRS	0.40
26.30	26.40	ACRS	0.20
26.40	27.30	RK	1.80
27.30	27.80	S	1.00
27.80	28.55	RK	1.50
28.55	28.60	ACRS	0.10
28.60	31.00	RK	4.80
31.00	31.10	ACRS	0.20
31.10	31.28	RK	0.36
31.28	31.60	ACRS	0.64
31.60	34.80	RK	6.40
34.80	35.20	ACRS	0.80
35.20	35.70	RK	1.00
35.70	35.95	ACRS	0.50
35.95	36.65	RK	1.40
36.65	36.80	ACRS	0.30
36.80	37.40	RK	1.20
37.40	38.00	ACRS	1.20
38.00	40.70	RK	5.40
40.70	40.80	MERE	0.20
40.80	43.15	RK	4.70
43.15	43.20	FAVM	0.10
43.20	45.50	RK	4.60
45.50	45.70	ACRS	0.40
45.70	46.45	RK	1.50
46.45	46.55	ACRS	0.20
46.55	47.68	RK	2.26
47.68	48.20	ACRS	1.04
48.20	48.55	FAVM	0.70
48.55	48.75	RK	0.40
48.75	49.00	FAVM	0.50
49.00	50.00	RK	2.00

CB 16: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.40	ACRT	0.80
0.40	7.80	ACRB	14.80
7.80	9.48	RK	3.36
9.48	9.50	ACRB	0.04
9.50	9.80	RK	0.60
9.80	9.90	MUSM	0.20
9.90	10.00	RK	0.20
10.00	10.34	ACRS	0.68
10.34	10.40	POCS	0.12
10.40	11.15	ACRS	1.50
11.15	11.20	ACRT	0.10
11.20	11.85	RK	1.30
11.85	12.20	ACRT	0.70
12.20	12.42	ACRT	0.44
12.42	12.70	RK	0.56
12.70	12.80	ACRS	0.20
12.80	13.20	RK	0.80
13.20	13.43	POCB	0.46
13.43	13.50	RK	0.14
13.50	13.70	ACRS	0.40
13.70	13.95	RK	0.50
13.95	14.00	POCB	0.10
14.00	14.15	POCS	0.30
14.15	14.24	ACRE	0.18
14.24	15.00	RK	1.52
15.00	15.15	ACRD	0.30
15.15	15.30	RK	0.30
15.30	15.83	ACRT	1.06
15.83	16.00	RK	0.34
16.00	16.10	POCS	0.20
16.10	16.75	RK	1.30
16.75	17.00	ACRT	0.50
17.00	17.60	RK	1.20
17.60	17.85	ACRB	0.50
17.85	18.10	RK	0.50
18.10	20.50	ACRB	4.80
20.50	24.80	S	8.60
24.80	25.42	RK	1.24
25.42	25.58	ACRS	0.32
25.58	26.35	RK	1.54
26.35	26.45	ACRS	0.20
26.45	26.95	RK	1.00
26.95	27.00	FAVE	0.10
27.00	27.52	RK	1.04
27.52	27.70	DC1	0.36
27.70	27.75	ACRE	0.10
27.75	27.80	RK	0.10
27.80	27.92	ACRF	0.24
27.92	28.00	DCA	0.16
28.00	28.40	ACRT	0.80
28.40	29.00	ACRB	1.20
29.00	29.20	DCA	0.40
29.20	31.18	ACRB	3.96
31.18	31.20	ACRD	0.04
31.20	31.52	ACRF	0.64
31.52	31.75	ACRS	0.46
31.75	32.25	FAVS	1.00
32.25	33.40	S	2.30
33.40	33.65	RK	0.50
33.65	34.10	PORS	0.90
34.10	34.30	FAVM	0.40
34.30	35.00	RK	1.40
35.00	35.40	ACRS	0.80
35.40	35.48	RK	0.16
35.48	35.70	ACRD	0.44
35.70	35.75	RK	0.10
35.75	35.85	FAVM	0.20
35.85	35.90	RK	0.10
35.90	36.45	ARCD	1.10
36.45	37.42	RK	1.94
37.42	37.80	ACRT	0.76
37.80	37.85	ACRT	0.10
37.85	38.00	RK	0.30
38.00	38.80	ACRT	1.60
38.80	39.00	RK	0.40
39.00	39.10	FUN	0.20
39.10	39.42	RK	0.64
39.42	39.55	POCB	0.26
39.55	40.05	RK	1.00
40.05	40.20	ACRD	0.30
40.20	40.65	RK	0.90
40.65	41.22	ACRT	1.14
41.22	41.26	RK	0.08
41.26	42.00	ACRT	1.48
42.00	43.00	RK	2.00
43.00	43.50	RK	1.00
43.50	43.80	ACRF	0.60
43.80	43.88	RK	0.16
43.88	44.02	ACRF	0.28
44.02	44.47	RK	0.90
44.47	45.00	ACRT	1.06
45.00	45.30	S	0.60
45.30	45.50	RK	0.40
45.50	45.60	ACRS	0.20
45.60	45.69	RK	0.18
45.69	46.02	FAVM	0.66
46.02	46.30	RK	0.56
46.30	46.85	ACRT	1.10
46.85	46.92	FAVM	0.14
46.92	47.00	DCA	0.16
47.00	48.15	RK	2.30
48.15	48.25	FAVM	0.20
48.25	49.50	RK	2.50
49.50	49.80	MUSM	0.60
49.80	50.00	RK	0.40

CB 16: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	0.50	RK	1.00
0.50	0.70	FAVS	0.40
0.70	1.00	RK	0.60
1.00	1.25	ACRD	0.50
1.25	1.55	RK	0.60
1.55	1.70	POCB	0.30
1.70	2.30	RK	1.20
2.30	2.50	ACRS	0.40
2.50	3.00	ACRS	1.00
3.00	3.35	ACRS	0.70
3.35	3.50	S	0.30
3.50	3.60	RK	0.20
3.60	3.80	ACRS	0.40
3.80	4.80	RK	2.00
4.80	4.81	ACRS	0.02
4.81	5.10	ACRS	0.58
5.10	5.25	OT	0.30
5.25	5.35	ACRS	0.20
5.35	5.38	RK	0.06
5.38	5.72	ACRS	0.68
5.72	6.20	RK	0.96
6.20	6.50	ACRT	0.60
6.50	6.60	POCB	0.20
6.60	6.80	ACRT	0.40
6.80	7.32	ACRB	1.04
7.32	7.75	DCA	0.86
7.75	8.05	ACRB	0.60
8.05	8.10	ACRS	0.10
8.10	8.50	RK	0.80
8.50	8.90	ACRS	0.80
8.90	9.15	ACRD	0.50
9.15	10.35	RK	2.40
10.35	10.57	ACRS	0.44
10.57	10.65	RK	0.16
10.65	10.80	OT	0.30
10.80	10.90	RK	0.20
10.90	11.30	PORS	0.80
11.30	11.57	RK	0.54
11.57	11.70	POCB	0.26
11.70	11.80	ACRF	0.20
11.80	12.00	RK	0.40
12.00	12.15	ACRD	0.30
12.15	12.40	RK	0.50
12.40	12.60	ACRT	0.40
12.60	13.00	RK	0.80
13.00	15.05	ACRT	4.10
15.05	15.20	ACRB	0.30
15.20	16.20	ACRT	2.00
16.20	17.00	RK	1.60
17.00	17.10	ACRS	0.20
17.10	17.72	DCA	1.24
17.72	18.00	RK	0.56
18.00	18.12	ACRF	0.24
18.12	18.35	RK	0.46
18.35	19.57	ACRT	2.44
19.57	19.75	RK	0.36
19.75	20.00	ACRD	0.50
20.00	20.05	ACRF	0.10
20.05	20.17	RK	0.24
20.17	20.35	ACRD	0.36
20.35	20.80	RK	0.90
20.80	20.90	ACRS	0.20
20.90	21.20	RK	0.60
21.20	21.40	ACRT	0.40
21.40	21.60	DCA	0.40
21.60	21.80	ACRD	0.40
21.80	21.88	RK	0.16
21.88	22.00	ACRF	0.24
22.00	22.15	ACRD	0.30
22.15	22.56	ACRF	0.82
22.56	23.00	RK	0.88
23.00	23.10	ACRF	0.20
23.10	23.20	RK	0.20
23.20	23.68	ACRT	0.96
23.68	24.55	RK	1.74
24.55	24.75	ACRD	0.40
24.75	24.90	RK	0.30
24.90	25.11	ACRD	0.42
25.11	25.38	RK	0.54
25.38	25.50	ACRD	0.24
25.50	26.00	RK	1.00
26.00	26.20	ACRD	0.40
26.20	26.25	RK	0.10
26.25	26.75	ACRT	1.00
26.75	27.00	RK	0.50
27.00	27.15	ACRD	0.30
27.15	27.50	ACRD	0.70
27.50	31.30	ACRB	7.60
31.30	31.50	ACRT	0.40
31.50	31.55	ACRB	0.10
31.55	32.00	ACRT	0.90
32.00	32.30	DCA	0.60
32.30	32.40	ACRT	0.20
32.40	33.10	DCA	1.40
33.10	37.40	ACRT	8.60
37.40	37.50	ACRD	0.20
37.50	39.00	ACRB	3.00
39.00	40.50	ACRB	3.00
40.50	40.61	ACRF	0.22
40.61	40.68	POCB	0.14
40.68	41.10	ACRD	0.84
41.10	41.90	DCA	1.60
41.90	42.45	ACRT	1.10
42.45	43.00	DCA	1.10
43.00	44.60	ACRT	3.20
44.60	44.80	RK	0.40
44.80	45.10	PORF	0.60
45.10	45.28	RK	0.36
45.28	45.30	PORS	0.04

Length 1	Length 2	Field Code	% Cover
45.30	46.80	RK	3.00
46.80	46.85	POCB	0.10
46.85	47.00	RK	0.30
47.00	47.70	ACRS	1.40
47.70	48.10	ACRS	0.80
48.10	48.60	RK	1.00
48.60	48.65	DC1	0.10
48.65	49.00	ACRS	0.70
49.00	49.25	RK	0.50
49.25	49.40	ACRB	0.30
49.40	50.00	RK	1.20

CB 16: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	1.00	RK	2.00
1.00	1.10	POCB	0.20
1.10	1.30	RK	0.40
1.30	1.70	DC1	0.80
1.70	2.20	RK	1.00
2.20	3.00	ACRT	1.60
3.00	3.95	ACRS	1.90
3.95	4.20	RK	0.50
4.20	4.30	ACRS	0.20
4.30	4.80	RK	1.00
4.80	5.00	ACRT	0.40
5.00	5.20	FAVM	0.40
5.20	5.70	ACRT	1.00
5.70	5.75	RK	0.10
5.75	5.80	ACRT	0.10
5.80	5.90	RK	0.20
5.90	7.50	ACRT	3.20
7.50	8.15	RK	1.30
8.15	8.35	ACRT	0.40
8.35	8.45	DC2	0.20
8.45	8.60	ACRT	0.30
8.60	8.80	RK	0.40
8.80	8.85	ACRB	0.10
8.85	10.18	RK	2.66
10.18	10.95	ACRT	1.54
10.95	11.35	RK	0.80
11.35	12.50	ACRT	2.30
12.50	12.75	RK	0.50
12.75	13.30	ACRT	1.10
13.30	14.00	ACRT	1.40
14.00	14.45	RK	0.90
14.45	14.70	ACRT	0.50
14.70	14.88	RK	0.36
14.88	15.14	ACRF	0.52
15.14	15.30	RK	0.32
15.30	16.00	ACRT	1.40
16.00	16.60	RK	1.20
16.60	16.75	ACRS	0.30
16.75	17.00	RK	0.50
17.00	17.30	ACRT	0.60
17.30	17.35	RK	0.10
17.35	18.45	ACRT	2.20
18.45	18.55	RK	0.20
18.55	19.13	ACRT	1.16
19.13	20.05	ACRT	1.84
20.05	20.25	RK	0.40
20.25	20.60	ACRB	0.70
20.60	20.85	ACRS	0.50
20.85	20.90	ACRD	0.10
20.90	21.20	RK	0.60
21.20	21.30	POCS	0.20
21.30	21.70	RK	0.80
21.70	22.20	S	1.00
22.20	22.42	PORS	0.44
22.42	23.35	ACRS	1.86
23.35	23.70	RK	0.70
23.70	23.80	ACRF	0.20
23.80	24.28	S	0.96
24.28	24.65	RK	0.74
24.65	24.70	POCB	0.10
24.70	25.40	RK	1.40
25.40	26.00	ACRT	1.20
26.00	26.60	RK	1.20
26.60	26.95	FAVM	0.70
26.95	27.25	RK	0.60
27.25	27.44	FAVM	0.38
27.44	28.10	RK	1.32
28.10	28.50	ACRT	0.80
28.50	29.35	RK	1.70
29.35	29.40	POCB	0.10
29.40	30.30	RK	1.80
30.30	30.75	ACRT	0.90
30.75	30.80	RK	0.10
30.80	31.00	POCB	0.40
31.00	31.30	ACRS	0.60
31.30	32.90	RK	3.20
32.90	33.00	PORS	0.20
33.00	33.10	ACRT	0.20
33.10	33.70	RK	1.20
33.70	34.00	ACRT	0.60
34.00	34.50	RK	1.00
34.50	35.10	S	1.20
35.10	35.42	ACRS	0.64
35.42	35.90	RK	0.96
35.90	36.10	ACRS	0.40
36.10	37.00	RK	1.80
37.00	37.10	FAVE	0.20
37.10	37.50	RK	0.80
37.50	37.80	ACRT	0.60
37.80	38.65	RK	1.70
38.65	38.70	ACRS	0.10
38.70	39.00	RK	0.60
39.00	39.72	ACRS	1.44
39.72	39.90	RK	0.36
39.90	40.10	ACRB	0.40
40.10	40.70	DCA	1.20
40.70	40.90	ACRF	0.40
40.90	41.75	RK	1.70
41.75	42.30	ACRS	1.10
42.30	42.55	RK	0.50
42.55	42.90	ACRT	0.70
42.90	43.10	RK	0.40
43.10	43.30	ACRT	0.40
43.30	43.65	ACRT	0.70
43.65	45.00	ACRT	2.70
45.00	45.45	RK	0.90
45.45	45.60	ACRS	0.30
45.60	45.70	RK	0.20
45.70	46.10	ACRT	0.80

Length 1	Length 2	Field Code	% Cover
46.10	46.15	RK	0.10
46.15	46.50	ACRT	0.70
46.50	46.54	ACRF	0.08
46.54	46.80	RK	0.52
46.80	48.00	ACRT	2.40
48.00	48.20	ACRS	0.40
48.20	49.30	RK	2.20
49.30	50.00	ACRT	1.40

CB 17: Coral Bay - Transect 1

Length 1	Length 2	Field Code	% Cover
0.00	0.80	ACRD	1.60
0.80	4.05	ACRB	6.50
4.05	4.45	DCA	0.80
4.45	5.15	ACRB	1.40
5.15	5.45	DCA	0.60
5.45	5.70	ACRB	0.50
5.70	6.45	DCA	1.50
6.45	7.20	ACRB	1.50
7.20	7.30	ACRF	0.20
7.30	8.60	ACRB	2.60
8.60	9.00	ACRT	0.80
9.00	9.30	RK	0.60
9.30	9.45	ACRT	0.30
9.45	9.55	RK	0.20
9.55	9.60	ACRD	0.10
9.60	9.65	RK	0.10
9.65	9.90	ACRT	0.50
9.90	10.10	RK	0.40
10.10	10.20	ACRT	0.20
10.20	10.30	RK	0.20
10.30	12.00	ACRB	3.40
12.00	12.50	DCA	1.00
12.50	13.20	PORS	1.40
13.20	13.70	RK	1.00
13.70	13.90	POCB	0.40
13.90	15.60	RK	3.40
15.60	17.30	ACRF	3.40
17.30	17.50	ACRD	0.40
17.50	17.80	ACRF	0.60
17.80	18.10	RK	0.60
18.10	18.50	ACRD	0.80
18.50	18.75	RK	0.50
18.75	19.20	ACRB	0.90
19.20	19.35	RK	0.30
19.35	19.70	ACRF	0.70
19.70	19.75	RK	0.10
19.75	19.90	ACRS	0.30
19.90	21.20	RK	2.60
21.20	22.20	S	2.00
22.20	22.25	RK	0.10
22.25	22.40	S	0.30
22.40	22.60	DCA	0.40
22.60	23.00	S	0.80
23.00	23.40	ACRS	0.80
23.40	23.55	ACRB	0.30
23.55	23.60	ACRT	0.10
23.60	23.80	ACRB	0.40
23.80	23.92	ACRT	0.24
23.92	24.25	DCA	0.66
24.25	24.45	ACRT	0.40
24.45	24.90	DCA	0.90
24.90	26.55	ACRB	3.30
26.55	26.70	DCA	0.30
26.70	26.85	ACRB	0.30
26.85	28.60	DCA	3.50
28.60	29.20	ACRB	1.20
29.20	29.50	ACRT	0.60
29.50	31.40	DCA	3.80
31.40	31.75	ACRB	0.70
31.75	31.90	DCA	0.30
31.90	32.25	ACRF	0.70
32.25	32.45	DCA	0.40
32.45	32.50	ACRB	0.10
32.50	32.68	ACRF	0.36
32.68	33.20	ACRB	1.04
33.20	33.70	DCA	1.00
33.70	33.85	ACRB	0.30
33.85	34.20	DCA	0.70
34.20	34.60	ACRB	0.80
34.60	35.20	DCA	1.20
35.20	36.80	ACRB	3.20
36.80	37.40	DCA	1.20
37.40	37.60	S	0.40
37.60	37.65	ACRD	0.10
37.65	37.70	RK	0.10
37.70	38.00	ACRF	0.60
38.00	38.60	R	1.20
38.60	39.20	ACRF	1.20
39.20	39.40	ACRB	0.40
39.40	39.60	RK	0.40
39.60	40.20	ARB	1.20
40.20	40.50	ACRF	0.60
40.50	40.70	ACRB	0.40
40.70	41.00	ACRF	0.60
41.00	41.30	RK	0.60
41.30	41.40	ACRB	0.20
41.40	41.60	RK	0.40
41.60	41.70	ARB	0.20
41.70	42.10	DCA	0.80
42.10	42.25	ACRD	0.30
42.25	42.50	DCA	0.50
42.50	43.10	ACRF	1.20
43.10	43.45	DCA	0.70
43.45	43.60	ACRD	0.30
43.60	44.40	DCA	1.60
44.40	50.00	ACRB	11.20

CB 17: Coral Bay - Transect 2

Length 1	Length 2	Field Code	% Cover
0.00	7.70	ACRB	15.40
7.70	8.00	DCA	0.60
8.00	8.50	ACRB	1.00
8.50	9.20	DCA	1.40
9.20	11.30	ACRB	4.20
11.30	12.30	DCA	2.00
12.30	13.20	ACRB	1.80
13.20	13.40	DCA	0.40
13.40	16.30	ACR	5.80
16.30	16.40	ACRF	0.20
16.40	19.70	ACRB	6.60
19.70	19.85	DCA	0.30
19.85	19.90	ACR	0.10
19.90	20.00	RK	0.20
20.00	25.90	ACRB	11.80
25.90	26.20	DCA	0.60
26.20	30.00	ACRB	7.60
30.00	30.20	DCA	0.40
30.20	38.30	ACRB	16.20
38.30	38.40	DCA	0.20
38.40	39.10	ACRB	1.40
39.10	39.30	S	0.40
39.30	40.50	DCA	2.40
40.50	40.60	ACRB	0.20
40.60	41.70	DCA	2.20
41.70	41.85	DCA	0.30
41.85	42.00	S	0.30
42.00	44.20	DCA	4.40
44.20	44.60	ACRB	0.80
44.60	45.50	DCA	1.80
45.50	45.80	ACRB	0.60
45.80	45.90	RK	0.20
45.90	46.20	ACRB	0.60
46.20	46.60	RK	0.80
46.60	46.65	ACRB	0.10
46.65	47.00	S	0.70
47.00	47.05	ACRB	0.10
47.05	47.50	S	0.90
47.50	48.00	SC	1.00
48.00	48.80	ACRB	1.60
48.80	49.30	RK	1.00
49.30	49.40	POCD	0.20
49.40	49.90	DCA	1.00
49.90	50.00	POCD	0.20

CB 17: Coral Bay - Transect 3

Length 1	Length 2	Field Code	% Cover
0.00	4.40	RK	8.80
4.40	5.15	ACRB	1.50
5.15	5.60	RK	0.90
5.60	6.25	ACRB	1.30
6.25	6.55	RK	0.60
6.55	7.75	ACRB	2.40
7.75	8.20	RK	0.90
8.20	8.30	POCB	0.20
8.30	13.50	RK	10.40
13.50	13.70	ACRS	0.40
13.70	14.65	RK	1.90
14.65	16.05	ACRS	2.80
16.05	17.10	ACRF	2.10
17.10	17.75	ACRS	1.30
17.75	18.15	ACRF	0.80
18.15	18.30	RK	0.30
18.30	18.85	ACRS	1.10
18.85	19.25	ACRB	0.80
19.25	19.45	DCA	0.40
19.45	20.00	ACRS	1.10
20.00	20.10	RK	0.20
20.10	20.50	ACRD	0.80
20.50	20.60	ACRF	0.20
20.60	21.00	ACRS	0.80
21.00	21.25	ACRF	0.50
21.25	21.30	RK	0.10
21.30	21.55	ACRD	0.50
21.55	21.95	ACRS	0.80
21.95	22.10	RK	0.30
22.10	22.70	ACRD	1.20
22.70	23.30	RK	1.20
23.30	24.05	ACRF	1.50
24.05	24.70	ACRD	1.30
24.70	25.00	R	0.60
25.00	25.40	R	0.80
25.40	25.60	S	0.40
25.60	26.00	R	0.80
26.00	26.25	S	0.50
26.25	26.70	ACRS	0.90
26.70	26.90	S	0.40
26.90	27.10	RK	0.40
27.10	27.90	S	1.60
27.90	28.00	RK	0.20
28.00	28.30	ACRS	0.60
28.30	29.00	ACRB	1.40
29.00	29.70	DCA	1.40
29.70	29.85	ACRB	0.30
29.85	30.15	DCA	0.60
30.15	30.30	ACRB	0.30
30.30	30.45	DCA	0.30
30.45	30.60	POCB	0.30
30.60	31.10	RK	1.00
31.10	31.30	ACRF	0.40
31.30	32.70	S	2.80
32.70	33.20	RK	1.00
33.20	35.20	S	4.00
35.20	35.40	RK	0.40
35.40	36.20	ACRD	1.60
36.20	37.30	S	2.20
37.30	37.80	RK	1.00
37.80	38.00	ACRB	0.40
38.00	38.70	S	1.40
38.70	39.30	DCA	1.20
39.30	39.40	POCB	0.20
39.40	39.50	DCA	0.20
39.50	39.55	POCB	0.10
39.55	40.00	DCA	0.90
40.00	45.15	ACRB	10.30
45.15	45.40	RK	0.50
45.40	45.50	ACRT	0.20
45.50	45.85	RK	0.70
45.85	46.00	ACRT	0.30
46.00	46.50	ACRB	1.00
46.50	46.75	DCA	0.50
46.75	46.85	ACRB	0.20
46.85	47.00	RK	0.30
47.00	47.50	ACRB	1.00
47.50	48.60	DCA	2.20
48.60	49.20	ACRB	1.20
49.20	49.50	ACRF	0.60
49.50	50.00	RK	1.00

APPENDIX 5: LINE INTERCEPT TRANSECT ANALYSED DATA

CB 1: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	4.50	3.64	0.00	*2.71*	1.38
Digitate	1.30	0.80	0.00	*0.70*	0.38
Encrusting	0.00	0.20	0.00	*0.07*	0.07
Foliose	0.00	3.34	0.00	*1.11*	1.11
Submassive	2.60	1.64	0.00	*1.41*	0.76
TOTAL	**8.4**	**9.6**	**0.0**	***6.01***	**3.02**
Faviidae					
Encrusting	3.56	1.18	0.24	*1.66*	0.99
Massive	1.44	0.94	1.92	*1.43*	0.28
Submassive	8.30	2.82	2.58	*4.57*	1.87
TOTAL	**13.3**	**4.9**	**4.7**	***7.66***	**2.82**
Poritidae					
Foliose	0.14	0.00	0.00	*0.05*	0.05
Massive	0.00	0.00	0.22	*0.07*	0.07
Submassive	3.02	0.74	1.04	*1.60*	0.72
TOTAL	**3.2**	**0.7**	**1.3**	***1.72***	**0.74**
Merulinidae					
Encrusting	0.48	0.00	0.00	*0.16*	0.16
Foliose	0.40	0.00	0.00	*0.13*	0.13
Submassive	0.76	0.20	0.00	*0.32*	0.23
Massive	0.00	0.00	0.70	*0.23*	0.23
TOTAL	**1.6**	**0.2**	**0.7**	***0.85***	**0.42**
Mussidae					
Massive	0.28	0.20	0.00	*0.16*	0.08
TOTAL	**0.3**	**0.2**	**0.0**	***0.16***	**0.08**
Fungiidae					
Solitary, free-living corals	1.40	0.30	0.00	*0.57*	0.43
TOTAL	**1.4**	**0.3**	**0.0**	***0.57***	**0.43**
Dead Coral					
Recently dead/bleached, white	0.00	0.66	0.00	*0.22*	0.22
Dead coral with relatively new algal growth, rusty brown	0.00	0.50	0.00	*0.17*	0.17
Standing (advanced algal growth)	0.20	0.00	0.00	*0.07*	0.07
TOTAL	**0.2**	**1.2**	**0.0**	***0.45***	**0.36**
Other Life forms					
Other Life forms Total	0.06	0.20	0.50	*0.25*	0.13
TOTAL	**0.06**	**0.20**	**0.50**	***0.25***	**0.13**
Abiotic					
Rock/limestone	42.08	10.76	10.94	*21.26*	10.41
Rubble	25.50	63.98	73.26	*54.25*	14.62
Sand	3.98	7.70	8.60	*6.76*	1.41
TOTAL	**71.6**	**82.4**	**92.8**	***82.27***	**6.13**

CB 2: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	49.00	36.26	30.80	*38.69*	5.39
Digitate	9.40	8.50	5.34	*7.75*	1.23
Encrusting	1.40	0.00	5.24	*2.21*	1.57
Foliose	0.70	1.60	5.40	*2.57*	1.44
Tabular	0.50	5.30	1.00	*2.27*	1.52
TOTAL	**61.0**	**51.7**	**47.8**	***53.48***	**3.92**
Faviidae					
Encrusting	0.00	2.30	0.10	*0.80*	0.75
Massive	0.00	0.00	0.20	*0.07*	0.07
Submassive	0.20	0.00	0.00	*0.07*	0.07
TOTAL	**0.2**	**2.3**	**0.3**	***0.93***	**0.68**
Pocilloporidae					
Branching	0.00	1.30	1.10	*0.80*	0.40
Digitate	1.48	9.40	3.30	*4.73*	2.40
TOTAL	**1.5**	**10.7**	**4.4**	***5.53***	**2.72**
Poritidae					
Massive	0.60	0.00	2.60	*1.07*	0.79
TOTAL	**0.6**	**0.0**	**2.6**	***1.07***	**0.79**
Milleporidae					
Milleporidae	0.00	0.00	0.40	*0.13*	0.13
TOTAL	**0.0**	**0.0**	**0.4**	***0.13***	**0.13**
Soft Coral					
Sinularia	1.40	0.00	0.00	*0.47*	0.47
TOTAL	**1.4**	**0.0**	**0.0**	***0.47***	**0.47**
Dead Coral					
Standing (advanced algal growth)	0.80	10.00	5.00	*5.27*	2.66
TOTAL	**0.8**	**10.0**	**5.0**	***5.27***	**2.66**
Other Life forms					
Other Life forms Total	0.20	0.04	0.00	*0.08*	0.06
TOTAL	**0.2**	**0.0**	**0.0**	***0.08***	**0.06**
Abiotic					
Rock/limestone	24.08	20.70	27.92	*24.23*	2.09
Rubble	2.40	3.40	9.40	*5.07*	2.19
Sand	7.84	1.20	2.20	*3.75*	2.07
TOTAL	**34.3**	**25.3**	**39.5**	***33.05***	**4.15**

CB 3: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	2.22	2.16	0.00	*1.46*	0.73
Digitate	0.28	0.58	0.10	*0.32*	0.14
Encrusting	0.00	0.26	0.60	*0.29*	0.17
Foliose	21.74	6.65	30.56	*19.65*	6.98
Submassive	8.60	8.76	2.10	*6.49*	2.19
Tabular	1.30	0.40	0.00	*0.57*	0.38
TOTAL	**34.1**	**18.8**	**33.4**	***28.77***	**4.99**
Faviidae					
Foliose	0.50	0.00	0.00	*0.17*	0.17
Massive	0.20	0.20	0.14	*0.18*	0.02
Submassive	9.54	23.68	15.22	*16.15*	4.11
TOTAL	**10.2**	**23.9**	**15.4**	***16.49***	**3.98**
Pocilloporidae					
Branching	0.00	0.80	0.16	*0.32*	0.24
TOTAL	**0.0**	**0.8**	**0.2**	***0.32***	**0.24**
Poritidae					
Encrusting	0.00	0.24	0.00	*0.08*	0.08
Submassive	14.34	10.86	11.96	*12.39*	1.03
TOTAL	**14.3**	**11.1**	**12.0**	***12.47***	**0.97**
Merulinidae					
Foliose	0.00	0.00	0.30	*0.10*	0.10
TOTAL	**0.0**	**0.0**	**0.3**	***0.10***	**0.10**
Dead Coral					
Recently dead/bleached, white	0.64	0.00	0.00	*0.21*	0.21
Standing (advanced algal growth)	23.76	29.96	19.42	*24.38*	3.06
TOTAL	**24.4**	**30.0**	**19.4**	***24.59***	**3.04**
Abiotic					
Rock/limestone	16.28	12.34	19.40	*16.01*	2.04
Rubble	0.00	2.00	0.00	*0.67*	0.67
Sand	0.60	1.10	0.00	*0.57*	0.32
TOTAL	**16.9**	**15.4**	**19.4**	***17.24***	**1.16**

CB 4: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	18.96	38.90	5.90	*21.25*	9.60
Digitate	3.00	0.30	0.90	*1.40*	0.82
Encrusting	0.00	4.28	0.80	*1.69*	1.31
Foliose	18.96	16.70	28.48	*21.38*	3.61
Submassive	0.00	0.00	0.20	*0.07*	0.07
Tabular	0.00	3.20	0.00	*1.07*	1.07
TOTAL	**40.9**	**63.4**	**36.3**	***46.86***	**8.37**
Faviidae					
Encrusting	6.74	1.90	0.30	*2.98*	1.94
Massive	0.80	0.50	0.60	*0.63*	0.09
Submassive	5.20	6.20	1.60	*4.33*	1.40
Tabular	3.10	0.00	0.00	*1.03*	1.03
TOTAL	**15.8**	**8.6**	**2.5**	***8.98***	**3.86**
Pocilloporidae					
Branching	1.70	2.80	2.66	*2.39*	0.35
Submassive	1.06	2.52	4.40	*2.66*	1.67
TOTAL	**2.8**	**5.3**	**7.1**	***5.05***	**1.25**
Poritidae					
Massive	0.00	0.00	0.60	*0.20*	0.20
TOTAL	**0.0**	**0.0**	**0.6**	***0.20***	**0.20**
Milleporidae					
Milleporidae	0.80	0.00	0.00	*0.27*	0.27
TOTAL	**0.8**	**0.0**	**0.0**	***0.27***	**0.27**
Dead Coral					
Recently dead/bleached, white	0.00	0.00	2.60	*0.87*	0.87
Standing (advanced algal growth)	17.14	4.20	10.00	*10.45*	3.74
TOTAL	**17.1**	**4.2**	**12.6**	***11.31***	**3.79**
Other Life forms					
Molluscs	0.00	0.00	0.20	*0.07*	0.07
TOTAL	**0.0**	**0.0**	**0.2**	***0.07***	**0.07**
Abiotic					
Rock/limestone	22.54	15.30	32.50	*23.45*	4.99
Rubble	0.00	0.00	5.90	*1.97*	1.97
Sand	0.00	3.20	2.36	*1.85*	0.96
TOTAL	**22.5**	**18.5**	**40.8**	***27.27***	**6.85**

CB 5: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.50	0.40	0.60	*0.50*	0.06
Foliose	0.00	0.90	0.00	*0.30*	0.30
Tabular	3.00	0.00	0.00	*1.00*	1.00
TOTAL	**3.5**	**1.3**	**0.6**	***1.80***	**0.87**
Faviidae					
Encrusting	0.10	0.44	0.80	*0.45*	0.20
Foliose	0.00	0.00	0.20	*0.07*	0.07
Massive	0.78	2.32	1.42	*1.51*	0.45
Submassive	15.28	23.90	30.18	*23.12*	4.32
TOTAL	**16.2**	**26.7**	**32.6**	***25.14***	**4.81**
Poritidae					
Encrusting	0.00	0.00	0.12	*0.04*	0.04
Massive	0.20	0.00	0.94	*0.38*	0.29
Submassive	2.84	3.00	5.30	*3.71*	0.79
TOTAL	**3.0**	**3.0**	**6.4**	***4.13***	**1.11**
Merulinidae					
Foliose	0.74	0.00	0.00	*0.25*	0.25
TOTAL	**0.7**	**0.0**	**0.0**	***0.25***	**0.25**
Mussidae					
Encrusting	0.10	0.20	0.40	*0.23*	0.09
TOTAL	**0.1**	**0.2**	**0.4**	***0.23***	**0.09**
Oculinidae					
Encrusting	0.30	0.00	0.00	*0.10*	0.10
TOTAL	**0.3**	**0.0**	**0.0**	***0.10***	**0.10**
Fungiidae					
Solitary, free-living corals	0.00	0.16	0.10	*0.09*	0.05
TOTAL	**0.0**	**0.2**	**0.1**	***0.09***	**0.05**
Dead Coral					
Recently dead/bleached, white	0.00	0.24	0.00	*0.08*	0.08
Standing (advanced algal growth)	0.00	0.00	1.50	*0.50*	0.50
TOTAL	**0.0**	**0.2**	**1.5**	***0.58***	**0.47**
Abiotic					
Rock/limestone	7.74	13.18	18.06	*12.99*	2.98
Rubble	68.42	53.20	28.64	*50.09*	11.59
Sand	0.00	2.06	11.74	*4.60*	3.62
TOTAL	**76.2**	**68.4**	**58.4**	***67.68***	**5.13**

CB 6: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.48	1.86	0.00	*0.78*	0.56
Encrusting	0.00	0.50	0.00	*0.17*	0.17
Foliose	0.00	3.40	0.00	*1.13*	1.13
Submassive	0.00	0.10	0.00	*0.03*	0.03
TOTAL	**0.5**	**5.9**	**0.0**	***2.11***	**1.88**
Faviidae					
Encrusting	0.40	1.00	1.40	*0.93*	0.29
Foliose	1.04	0.20	0.00	*0.41*	0.32
Massive	0.72	1.24	1.64	*1.20*	0.27
Submassive	13.86	16.92	9.18	*13.32*	2.25
TOTAL	**16.0**	**19.4**	**12.2**	***15.87***	**2.06**
Poritidae					
Submassive	0.32	2.24	3.08	*1.88*	0.82
TOTAL	**0.3**	**2.2**	**3.1**	***1.88***	**0.82**
Merulinidae					
Foliose	1.90	1.30	0.70	*1.30*	0.35
TOTAL	**1.9**	**1.3**	**0.7**	***1.30***	**0.35**
Mussidae					
Massive	0.14	0.00	0.00	*0.05*	0.05
Submassive	0.00	0.00	0.20	*0.07*	0.07
TOTAL	**0.1**	**0.0**	**0.2**	***0.11***	**0.06**
Fungiidae					
Solitary, free-living corals	0.48	0.00	0.00	*0.16*	0.16
TOTAL	**0.5**	**0.0**	**0.0**	***0.16***	**0.16**
Agariciidae					
Foliose	0.00	6.60	0.00	*2.20*	2.20
Submassive	1.74	1.00	0.00	*0.91*	0.50
TOTAL	**1.7**	**7.6**	**0.0**	***3.11***	**2.30**
Dead Coral					
Recently dead/bleached, white	0.00	0.00	0.20	*0.07*	0.07
Standing (advanced algal growth)	40.18	29.18	52.24	*40.53*	6.66
TOTAL	**40.2**	**29.2**	**52.4**	***40.60***	**6.72**
Abiotic					
Rock/limestone	19.20	26.16	13.70	*19.69*	3.61
Rubble	12.44	3.10	4.86	*6.80*	2.87
Sand	7.10	5.20	12.80	*8.37*	2.28
TOTAL	**38.7**	**34.5**	**31.4**	***34.85***	**2.14**

CB 7: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.00	0.06	0.00	*0.02*	0.02
Encrusting	0.00	0.20	0.00	*0.07*	0.07
Foliose	0.30	1.42	2.20	*1.31*	0.55
Submassive	0.00	0.00	0.40	*0.13*	0.13
TOTAL	**0.3**	**1.7**	**2.6**	***1.53***	**0.67**
Faviidae					
Encrusting	0.00	2.24	0.20	*0.81*	0.72
Foliose	0.40	0.00	0.00	*0.13*	0.13
Massive	0.68	0.86	1.40	*0.98*	0.22
Submassive	21.02	23.74	20.38	*21.71*	1.03
TOTAL	**22.1**	**26.8**	**22.0**	***23.64***	**1.60**
Poritidae					
Submassive	12.32	12.78	19.40	*14.83*	2.29
TOTAL	**12.3**	**12.8**	**19.4**	***14.83***	**2.29**
Dead Coral					
Recently dead/bleached, white	0.00	0.10	0.24	*0.11*	0.07
Standing (advanced algal growth)	51.80	51.16	30.48	*44.48*	7.00
TOTAL	**51.8**	**51.3**	**30.7**	***44.59***	**6.94**
Abiotic					
Rock/limestone	10.84	7.44	25.30	*14.53*	5.48
Sand	2.64	0.00	0.00	*0.88*	0.88
TOTAL	**13.5**	**7.4**	**25.3**	***15.41***	**5.24**

CB 8: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	14.48	8.60	12.34	*11.81*	1.72
Digitate	6.50	2.84	2.40	*3.91*	1.30
Encrusting	1.70	5.96	4.20	*3.95*	1.24
Foliose	16.02	28.28	23.80	*22.70*	3.58
Submassive	0.20	0.20	0.60	*0.33*	0.13
Tabular	2.00	0.00	0.90	*0.97*	0.58
TOTAL	**40.9**	**45.9**	**44.2**	***43.67***	**1.47**
Faviidae					
Encrusting	2.90	2.74	0.90	*2.18*	0.64
Foliose	0.60	0.00	0.50	*0.37*	0.19
Massive	0.70	0.70	0.64	*0.68*	0.02
Submassive	4.60	8.30	2.60	*5.17*	1.67
TOTAL	**8.8**	**11.7**	**4.6**	***8.39***	**2.06**
Pocilloporidae					
Branching	3.50	0.60	0.20	*1.43*	1.04
Digitate	0.40	0.00	0.00	*0.13*	0.13
Submassive	4.06	4.48	6.24	*4.93*	1.16
TOTAL	**8.0**	**5.1**	**6.4**	***6.49***	**0.83**
Milleporidae					
Milleporidae	0.50	0.00	0.00	*0.17*	0.17
TOTAL	**0.5**	**0.0**	**0.0**	***0.17***	**0.17**
Dead Coral					
Recently dead/bleached, white	0.70	0.00	0.20	*0.30*	0.21
Dead coral with relatively new algal growth, rusty brown	0.00	0.00	1.30	*0.43*	0.43
Standing (advanced algal growth)	5.70	10.42	5.30	*7.14*	1.64
TOTAL	**6.4**	**10.4**	**6.8**	***7.87***	**1.28**
Abiotic					
Rock/limestone	30.68	22.48	33.98	*29.05*	3.42
Rubble	4.76	2.30	3.10	*3.39*	0.72
Sand	0.00	2.10	0.00	*0.70*	0.70
TOTAL	**35.4**	**26.9**	**37.1**	***33.13***	**3.16**

CB 9: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.64	0.40	0.00	*0.35*	0.19
Foliose	0.40	2.14	0.10	*0.88*	0.64
Tabular	0.00	0.08	0.00	*0.03*	0.03
TOTAL	**1.0**	**2.6**	**0.1**	***1.25***	**0.74**
Faviidae					
Encrusting	3.24	2.24	0.40	*1.96*	0.83
Foliose	0.00	1.20	1.20	*0.80*	0.40
Massive	1.64	2.22	0.42	*1.43*	0.53
Submassive	5.98	9.52	6.28	*7.26*	1.13
TOTAL	**10.9**	**15.2**	**8.3**	***11.45***	**2.01**
Poritidae					
Massive	1.74	0.78	1.20	*1.24*	0.28
Submassive	2.22	3.26	1.74	*2.41*	0.45
TOTAL	**4.0**	**4.0**	**2.9**	***3.65***	**0.35**
Merulinidae					
Foliose	0.30	0.84	0.00	*0.38*	0.25
TOTAL	**0.3**	**0.8**	**0.0**	***0.38***	**0.25**
Mussidae					
Massive	0.00	0.30	0.00	*0.10*	0.10
TOTAL	**0.0**	**0.3**	**0.0**	***0.10***	**0.10**
Dead Coral					
Recently dead/bleached, white	0.06	0.00	0.00	*0.02*	0.02
Standing (advanced algal growth)	0.00	0.00	2.76	*0.92*	0.92
TOTAL	**0.1**	**0.0**	**2.8**	***0.94***	**0.91**
Abiotic					
Rock/limestone	65.50	76.12	32.62	*58.08*	13.09
Rubble	17.68	0.00	52.28	*23.32*	15.35
Sand	0.60	0.90	1.00	*0.83*	0.12
TOTAL	**83.8**	**77.0**	**85.9**	***82.23***	**2.68**

CB 10: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.00	0.00	0.16	*0.05*	0.05
Foliose	0.30	0.00	0.00	*0.10*	0.10
Tabular	0.00	0.60	0.00	*0.20*	0.20
TOTAL	**0.3**	**0.6**	**0.2**	***0.35***	**0.13**
Faviidae					
Encrusting	2.60	0.70	0.12	*1.14*	0.75
Massive	1.30	0.00	3.52	*1.61*	1.03
Submassive	0.00	3.38	1.20	*1.53*	0.99
TOTAL	**3.9**	**4.1**	**4.8**	***4.27***	**0.29**
Abiotic					
Rock/limestone	80.80	90.96	92.70	*88.15*	3.71
Rubble	11.60	1.46	1.90	*4.99*	3.31
Sand	3.40	2.90	0.40	*2.23*	0.93
TOTAL	**95.8**	**95.3**	**95.0**	***95.37***	**0.23**

CB 11: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.30	0.24	0.20	*0.25*	0.03
Encrusting	0.00	0.20	0.00	*0.07*	0.07
Tabular	2.34	1.24	0.00	*1.19*	0.68
TOTAL	**2.6**	**1.7**	**0.2**	***1.51***	**0.71**
Faviidae					
Encrusting	0.20	0.14	0.00	*0.11*	0.06
Massive	0.14	0.20	0.10	*0.15*	0.03
Submassive	1.16	0.46	0.10	*0.57*	0.31
TOTAL	**1.5**	**0.8**	**0.2**	***0.83***	**0.38**
Poritidae					
Massive	0.20	0.00	0.00	*0.07*	0.07
Submassive	0.30	0.20	0.00	*0.17*	0.09
TOTAL	**0.5**	**0.2**	**0.0**	***0.23***	**0.15**
Dead Coral					
Standing (advanced algal growth)	40.14	58.12	56.60	*51.62*	5.76
TOTAL	**40.1**	**58.1**	**56.6**	***51.62***	**5.76**
Abiotic					
Rock/limestone	44.88	35.30	29.60	*36.59*	4.46
Rubble	7.34	3.90	2.00	*4.41*	1.56
Sand	3.00	0.00	11.40	*4.80*	3.41
TOTAL	**55.2**	**39.2**	**43.0**	***45.81***	**4.83**

CB 12: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	1.60	4.60	2.10	*2.77*	0.93
Digitate	1.24	0.90	1.10	*1.08*	0.10
Encrusting	0.60	0.30	0.30	*0.40*	0.10
Foliose	13.26	5.40	3.70	*7.45*	2.94
Submassive	3.50	2.50	2.50	*2.83*	0.33
Tabular	12.74	4.54	6.24	*7.84*	2.50
TOTAL	**32.9**	**18.2**	**15.9**	***22.37***	**5.32**
Faviidae					
Encrusting	3.70	0.10	1.20	*1.67*	1.07
Foliose	0.20	0.20	1.50	*0.63*	0.43
Massive	3.24	0.30	0.24	*1.26*	0.99
Submassive	7.44	9.00	8.32	*8.25*	0.45
TOTAL	**14.6**	**9.6**	**11.3**	***11.81***	**1.46**
Pocilloporidae					
Branching	2.68	3.94	4.96	*3.86*	0.66
Digitate	0.00	0.10	0.20	*0.10*	0.06
Submassive	0.80	0.00	0.00	*0.27*	0.46
TOTAL	**3.5**	**4.0**	**5.2**	***4.23***	**0.49**
Poritidae					
Encrusting	0.00	0.16	0.00	*0.05*	0.05
Massive	0.78	0.00	0.00	*0.26*	0.26
Submassive	4.76	9.88	5.92	*6.85*	1.55
TOTAL	**5.5**	**10.0**	**5.9**	***7.17***	**1.44**
Merulinidae					
Foliose	0.20	0.00	0.00	*0.07*	0.07
TOTAL	**0.2**	**0.0**	**0.0**	***0.07***	**0.07**
Mussidae					
Massive	0.30	0.00	0.88	*0.39*	0.26
TOTAL	**0.3**	**0.0**	**0.9**	***0.39***	**0.26**
Fungiidae					
Solitary, free-living corals	0.00	0.20	0.04	*0.08*	0.06
TOTAL	**0.0**	**0.2**	**0.0**	***0.08***	**0.06**
Dead Coral					
Recently dead/bleached, white	0.00	0.20	0.00	*0.07*	0.07
Standing (advanced algal growth)	18.46	22.44	15.74	*18.88*	1.95
TOTAL	**18.5**	**22.6**	**15.7**	***18.95***	**2.01**
Abiotic					
Rock/limestone	24.10	33.04	44.46	*33.87*	5.89
Rubble	0.40	0.00	0.00	*0.13*	0.13
Sand	0.00	2.20	0.60	*0.93*	0.66
TOTAL	**24.5**	**35.2**	**45.1**	***34.93***	**5.94**

CB 13: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	0.00	0.00	0.08	*0.03*	0.03
Digitate	0.60	0.78	1.44	*0.94*	0.26
Encrusting	0.00	0.20	0.00	*0.07*	0.07
Foliose	2.00	0.60	0.64	*1.08*	0.46
Submassive	0.70	0.00	0.00	*0.23*	0.23
Tabular	0.26	2.90	0.00	*1.05*	0.93
TOTAL	**3.6**	**4.5**	**2.2**	***3.40***	**0.67**
Faviidae					
Encrusting	2.38	0.60	0.00	*0.99*	0.71
Foliose	0.00	0.00	1.70	*0.57*	0.57
Massive	3.98	6.00	4.98	*4.99*	0.58
Submassive	10.30	12.26	17.42	*13.33*	2.12
TOTAL	**16.7**	**18.9**	**24.1**	***19.87***	**2.21**
Pocilloporidae					
Submassive	0.64	0.00	0.00	*0.21*	0.37
TOTAL	**0.6**	**0.0**	**0.0**	***0.21***	**0.21**
Poritidae					
Massive	4.76	2.84	3.54	*3.71*	0.56
Submassive	2.06	4.42	2.74	*3.07*	0.70
TOTAL	**6.8**	**7.3**	**6.3**	***6.79***	**0.28**
Merulinidae					
Encrusting	3.92	0.54	0.30	*1.59*	1.17
Submassive	0.00	1.60	2.24	*1.28*	0.67
Massive	0.00	0.00	0.58	*0.19*	0.19
TOTAL	**3.9**	**2.1**	**3.1**	***3.06***	**0.51**
Fungiidae					
Solitary, free-living corals	0.10	0.10	0.44	*0.21*	0.11
TOTAL	**0.1**	**0.1**	**0.4**	***0.21***	**0.11**
Dead Coral					
Recently dead/bleached, white	0.00	0.30	0.40	*0.23*	0.12
Standing (advanced algal growth)	6.60	0.76	0.84	*2.73*	1.93
TOTAL	**6.6**	**1.1**	**1.2**	***2.97***	**1.82**
Abiotic					
Rock/limestone	45.54	52.66	46.24	*48.15*	2.27
Rubble	0.00	3.16	1.70	*1.62*	0.91
Sand	16.16	10.28	14.72	*13.72*	1.77
TOTAL	**61.7**	**66.1**	**62.7**	***63.49***	**1.34**

CB 14: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Digitate	0.80	1.24	0.80	*0.95*	0.15
Foliose	0.10	0.00	0.00	*0.03*	0.03
Tabular	3.64	1.00	3.12	*2.59*	0.81
TOTAL	**4.5**	**2.2**	**3.9**	***3.57***	**0.69**
Poritidae					
Massive	0.00	2.90	0.00	*0.97*	0.97
TOTAL	**0.0**	**2.9**	**0.0**	***0.97***	**0.97**
Abiotic					
Rubble	95.46	94.86	96.08	*95.47*	0.35
TOTAL	**95.5**	**94.9**	**96.1**	***95.47***	**0.35**

CB 15: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	0.00	0.00	1.20	*0.40*	0.40
Digitate	0.44	0.30	0.00	*0.25*	0.13
Foliose	0.28	0.20	0.12	*0.20*	0.05
Submassive	0.70	0.10	10.26	*3.69*	3.29
Tabular	2.30	1.50	0.94	*1.58*	0.39
TOTAL	**3.7**	**2.1**	**12.5**	***6.11***	**3.24**
Faviidae					
Massive	0.10	2.50	1.46	*1.35*	0.69
Submassive	0.40	0.00	0.60	*0.33*	0.18
TOTAL	**0.5**	**2.5**	**2.1**	***1.69***	**0.61**
Poritidae					
Encrusting	0.00	0.20	0.00	*0.07*	0.07
Massive	0.00	1.24	0.00	*0.41*	0.41
Submassive	1.18	2.64	0.00	*1.27*	0.76
TOTAL	**1.2**	**4.1**	**0.0**	***1.75***	**1.21**
Merulinidae					
Encrusting	0.00	0.00	0.20	*0.07*	0.07
Foliose	1.70	0.00	0.00	*0.57*	0.57
TOTAL	**1.7**	**0.0**	**0.2**	***0.63***	**0.54**
Mussidae					
Massive	0.10	0.00	0.00	*0.03*	0.03
TOTAL	**0.1**	**0.0**	**0.0**	***0.03***	**0.03**
Dead Coral					
Recently dead/bleached, white	0.70	0.00	0.00	*0.23*	0.23
Standing (advanced algal growth)	78.32	11.86	1.20	*30.46*	24.13
TOTAL	**79.0**	**11.9**	**1.2**	***30.69***	**24.36**
Abiotic					
Rock/limestone	6.58	70.96	71.02	*49.52*	21.47
Rubble	0.90	0.00	0.00	*0.30*	0.30
Sand	6.30	8.50	13.00	*9.27*	1.97
TOTAL	**13.8**	**79.5**	**84.0**	***59.09***	**22.69**

CB 16: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	25.30	15.94	1.20	*14.15*	7.01
Digitate	2.18	6.36	0.10	*2.88*	1.84
Encrusting	0.28	0.00	0.00	*0.09*	0.09
Foliose	1.76	2.02	1.20	*1.66*	0.24
Submassive	4.76	8.62	9.74	*7.71*	1.51
Tabular	11.64	26.70	35.14	*24.49*	6.87
TOTAL	**45.9**	**59.6**	**47.4**	***50.98***	**4.35**
Faviidae					
Encrusting	0.10	0.00	0.20	*0.10*	0.06
Massive	1.60	0.00	1.48	*1.03*	0.51
Submassive	1.00	0.40	0.00	*0.47*	0.29
TOTAL	**2.7**	**0.4**	**1.7**	***1.59***	**0.67**
Pocilloporidae					
Branching	0.82	1.00	0.80	*0.87*	0.06
Submassive	0.62	0.00	0.20	*0.27*	0.32
TOTAL	**1.4**	**1.0**	**1.0**	***1.15***	**0.15**
Poritidae					
Foliose	0.00	0.60	0.00	*0.20*	0.20
Submassive	0.90	0.84	0.64	*0.79*	0.08
TOTAL	**0.9**	**1.4**	**0.6**	***0.99***	**0.24**
Mussidae					
Massive	0.80	0.00	0.00	*0.27*	0.27
TOTAL	**0.8**	**0.0**	**0.0**	***0.27***	**0.27**
Fungiidae					
Solitary, free-living corals	0.20	0.00	0.00	*0.07*	0.07
TOTAL	**0.2**	**0.0**	**0.0**	***0.07***	**0.07**
Dead Coral					
Recently dead/bleached, white	0.36	0.10	0.80	*0.42*	0.20
Dead coral with relatively new algal growth, rusty brown	0.00	0.00	0.20	*0.07*	0.07
Standing (advanced algal growth)	0.72	7.20	1.20	*3.04*	2.08
TOTAL	**1.1**	**7.3**	**2.2**	***3.53***	**1.91**
Other Life forms					
Other Life forms Total	0.00	0.60	0.00	*0.20*	0.20
TOTAL	**0.0**	**0.6**	**0.0**	***0.20***	**0.20**
Abiotic					
Rock/limestone	35.46	29.32	43.94	*36.24*	4.24
Sand	11.50	0.30	3.16	*4.99*	3.36
TOTAL	**47.0**	**29.6**	**47.1**	***41.23***	**5.80**

CB 17: Coral Bay

	CATEGORY PERCENTAGES				
	T1	**T2**	**T3**	***MEAN***	**S.E.**
Acroporidae					
Branching	42.04	70.00	22.10	*44.71*	13.89
Digitate	3.60	0.00	5.40	*3.00*	1.59
Foliose	10.16	6.10	6.10	*7.45*	1.35
Submassive	1.10	0.00	9.80	*3.63*	3.10
Tabular	3.14	0.00	0.50	*1.21*	0.97
TOTAL	**60.0**	**76.1**	**43.9**	***60.01***	**9.30**
Pocilloporidae					
Branching	0.40	0.00	0.80	*0.40*	0.23
Digitate	0.00	0.40	0.00	*0.13*	0.13
TOTAL	**0.4**	**0.4**	**0.8**	***0.53***	**0.13**
Poritidae					
Submassive	1.40	0.00	0.00	*0.47*	0.47
TOTAL	**1.4**	**0.0**	**0.0**	***0.47***	**0.47**
Dead Coral					
Standing (advanced algal growth)	21.86	18.00	7.70	*15.85*	4.23
TOTAL	**21.9**	**18.0**	**7.7**	***15.85***	**4.23**
Abiotic					
Rock/limestone	11.60	2.20	32.10	*15.30*	8.83
Rubble	1.20	0.00	2.20	*1.13*	0.64
Sand	3.50	2.30	13.30	*6.37*	3.48
TOTAL	**16.3**	**4.5**	**47.6**	***22.80***	**12.86**

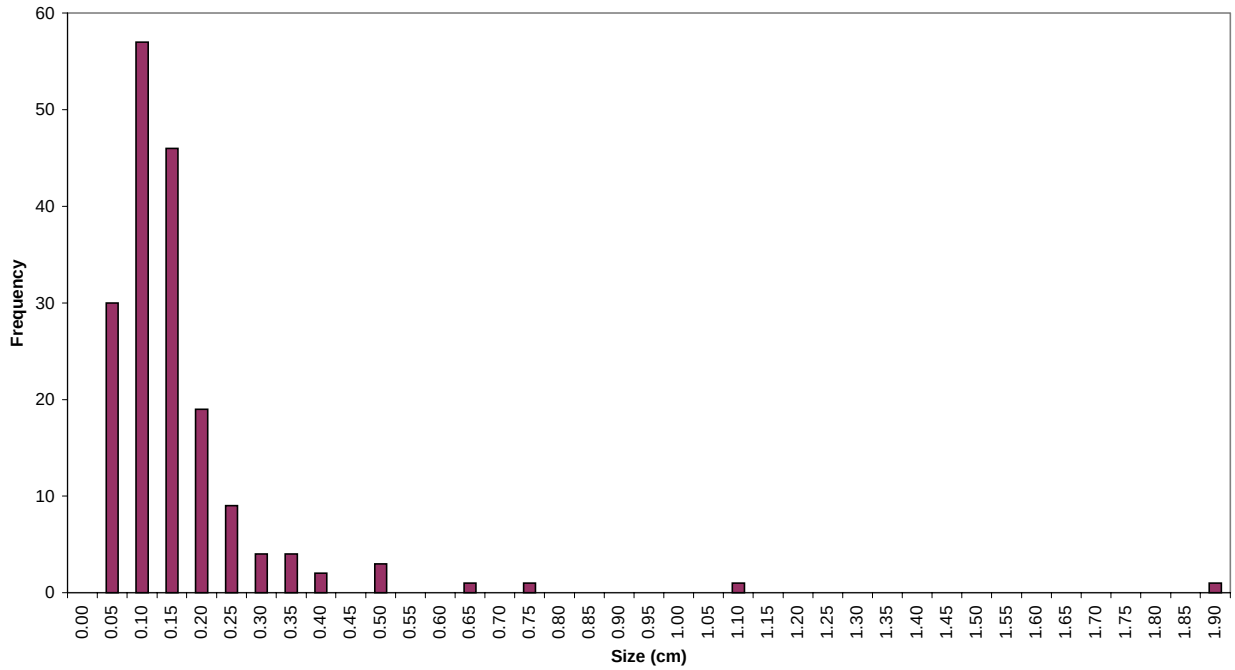
APPENDIX 6: SUMMARY OF LINE INTERCEPT TRANSECT ANALYSED DATA

	Category Percentages				
	T1	**T2**	**T3**	***Mean***	**S.E.**
CB 1: BILLS BAY					
Live Coral	28.2	16.0	6.7	***16.96***	6.22
Hard Coral	28.2	16.0	6.7	***16.96***	6.22
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	0.2	1.2	0.0	***0.45***	0.36
Abiotic	71.6	82.4	92.8	***82.27***	6.13
CB 2: BILLS BAY					
Live Coral	64.7	64.7	55.5	***61.61***	3.06
Hard Coral	63.3	64.7	55.5	***61.14***	2.86
Soft Coral	1.4	0.0	0.0	***0.47***	0.47
Dead Coral	0.8	10.0	5.0	***5.27***	2.66
Abiotic	34.3	25.3	39.5	***33.05***	4.15
CB 3: BILLS BAY					
Live Coral	58.7	54.6	61.1	***58.15***	1.91
Hard Coral	58.7	54.6	61.1	***58.15***	1.91
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	24.4	30.0	19.4	***24.59***	3.04
Abiotic	16.9	15.4	19.4	***17.24***	1.16
CB 4: BILLS BAY					
Live Coral	60.3	77.3	46.4	***61.35***	8.92
Hard Coral	60.3	77.3	46.4	***61.35***	8.92
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	17.1	4.2	12.6	***11.31***	3.79
Abiotic	22.5	18.5	40.8	***27.27***	6.85
CB 5: BILLS BAY					
Live Coral	23.8	31.3	40.1	***31.74***	4.69
Hard Coral	23.8	31.3	40.1	***31.74***	4.69
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	0.0	0.2	1.5	***0.58***	0.47
Abiotic	76.2	68.4	58.4	***67.68***	5.13
CB 6: BILLS BAY					
Live Coral	21.1	36.4	16.2	***24.55***	6.07
Hard Coral	21.1	36.4	16.2	***24.55***	6.07
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	40.2	29.2	52.4	***40.60***	6.72
Abiotic	38.7	34.5	31.4	***34.85***	2.14
CB 7: BILLS BAY					
Live Coral	34.7	41.3	44.0	***40.00***	2.75
Hard Coral	34.7	41.3	44.0	***40.00***	2.75
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	51.8	51.3	30.7	***44.59***	6.94
Abiotic	13.5	7.4	25.3	***15.41***	5.24
CB 8: BILLS BAY					
Live Coral	58.2	62.7	56.1	***58.99***	1.94
Hard Coral	58.2	62.7	56.1	***58.99***	1.94
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	6.4	10.4	6.8	***7.87***	1.28
Abiotic	35.4	26.9	37.1	***33.13***	3.16

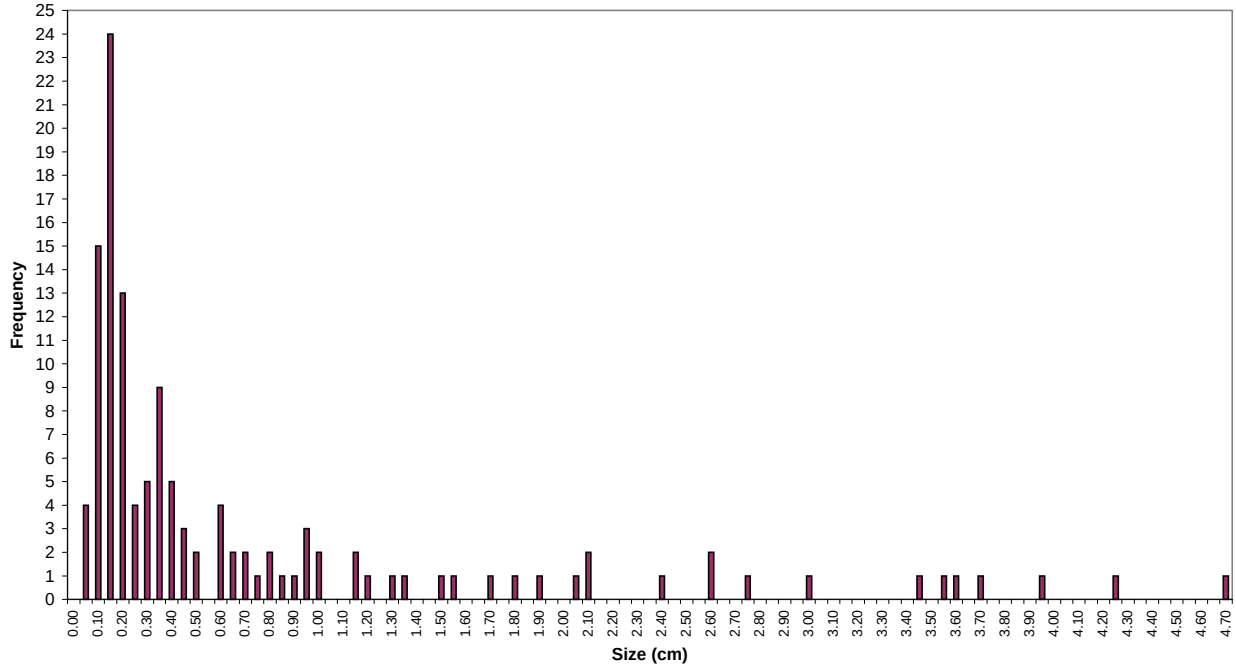
	Category Percentages				
	T1	**T2**	**T3**	***Mean***	**S.E.**
CB 9: BILLS BAY					
Live Coral	16.2	23.0	11.3	***16.83***	3.38
Hard Coral	16.2	23.0	11.3	***16.83***	3.38
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	0.1	0.0	2.8	***0.94***	0.91
Abiotic	83.8	77.0	85.9	***82.23***	2.68
CB 10: BILLS BAY					
Live Coral	4.2	4.7	5.0	***4.63***	0.23
Hard Coral	4.2	4.7	5.0	***4.63***	0.23
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	0.0	0.0	0.0	***0.00***	0.00
Abiotic	95.8	95.3	95.0	***95.37***	0.23
CB 11: BILLS BAY					
Live Coral	4.6	2.7	0.4	***2.57***	1.23
Hard Coral	4.6	2.7	0.4	***2.57***	1.23
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	40.1	58.1	56.6	***51.62***	5.76
Abiotic	55.2	39.2	43.0	***45.81***	4.83
CB 12: BILLS BAY					
Live Coral	57.0	42.1	39.2	***46.12***	5.52
Hard Coral	57.0	42.1	39.2	***46.12***	5.52
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	18.5	22.6	15.7	***18.95***	2.01
Abiotic	24.5	35.2	45.1	***34.93***	5.94
CB 13: BILLS BAY					
Live Coral	31.7	32.8	36.1	***33.55***	1.32
Hard Coral	31.7	32.8	36.1	***33.55***	1.32
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	6.6	1.1	1.2	***2.97***	1.82
Abiotic	61.7	66.1	62.7	***63.49***	1.34
CB 14: BILLS BAY					
Live Coral	4.5	5.1	3.9	***4.53***	0.35
Hard Coral	4.5	5.1	3.9	***4.53***	0.35
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	0.0	0.0	0.0	***0.00***	0.00
Abiotic	95.5	94.9	96.1	***95.47***	0.35
CB 15: BILLS BAY					
Live Coral	7.2	8.7	14.8	***10.22***	2.32
Hard Coral	7.2	8.7	14.8	***10.22***	2.32
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	79.0	11.9	1.2	***30.69***	24.36
Abiotic	13.8	79.5	84.0	***59.09***	22.69
CB 16: BILLS BAY					
Live Coral	52.0	62.5	50.7	***55.05***	3.73
Hard Coral	52.0	62.5	50.7	***55.05***	3.73
Soft Coral	0.0	0.0	0.0	***0.00***	0.00
Dead Coral	1.1	7.3	2.2	***3.53***	1.91
Abiotic	47.0	29.6	47.1	***41.23***	5.80
CB 17: BILLS BAY					
Live Coral	61.8	77.5	44.7	***61.35***	9.47
Hard Coral	61.8	76.5	44.7	***61.01***	9.19
Soft Coral	0.0	1.0	0.0	***0.33***	0.33
Dead Coral	21.9	18.0	7.7	***15.85***	4.23
Abiotic	16.3	4.5	47.6	***22.80***	12.86

APPENDIX 7: CORAL COLONY SIZE HISTOGRAM: MAY 2000

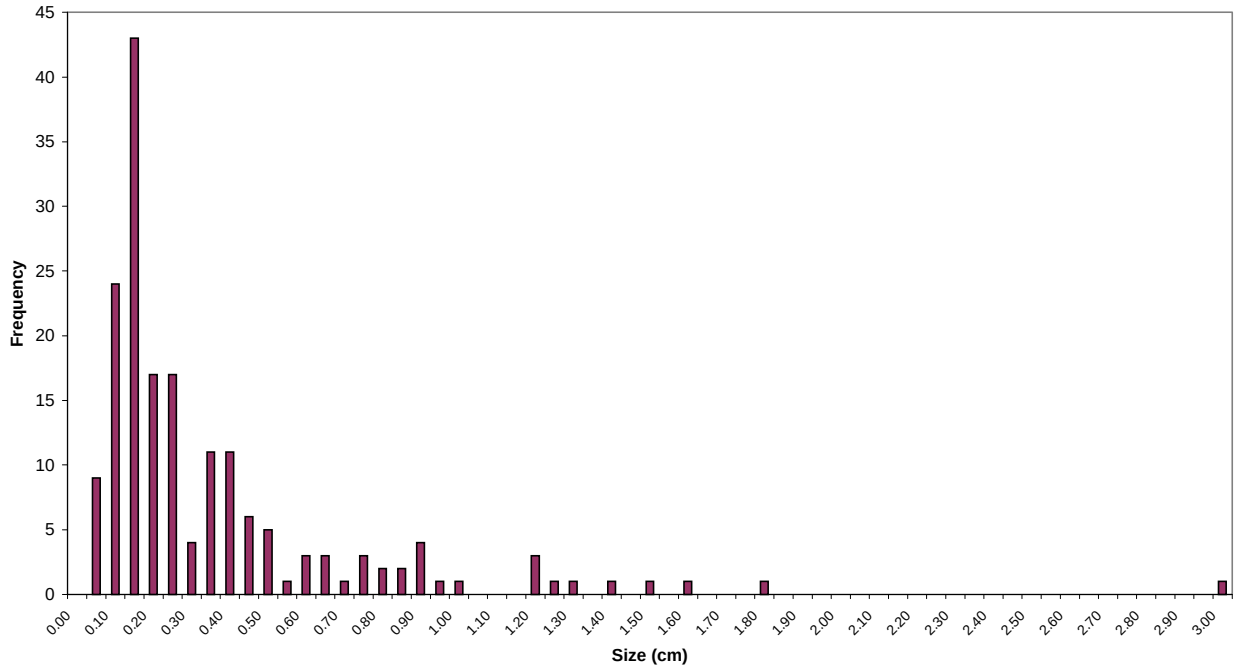
Coral Colony Size Histogram: CB 1



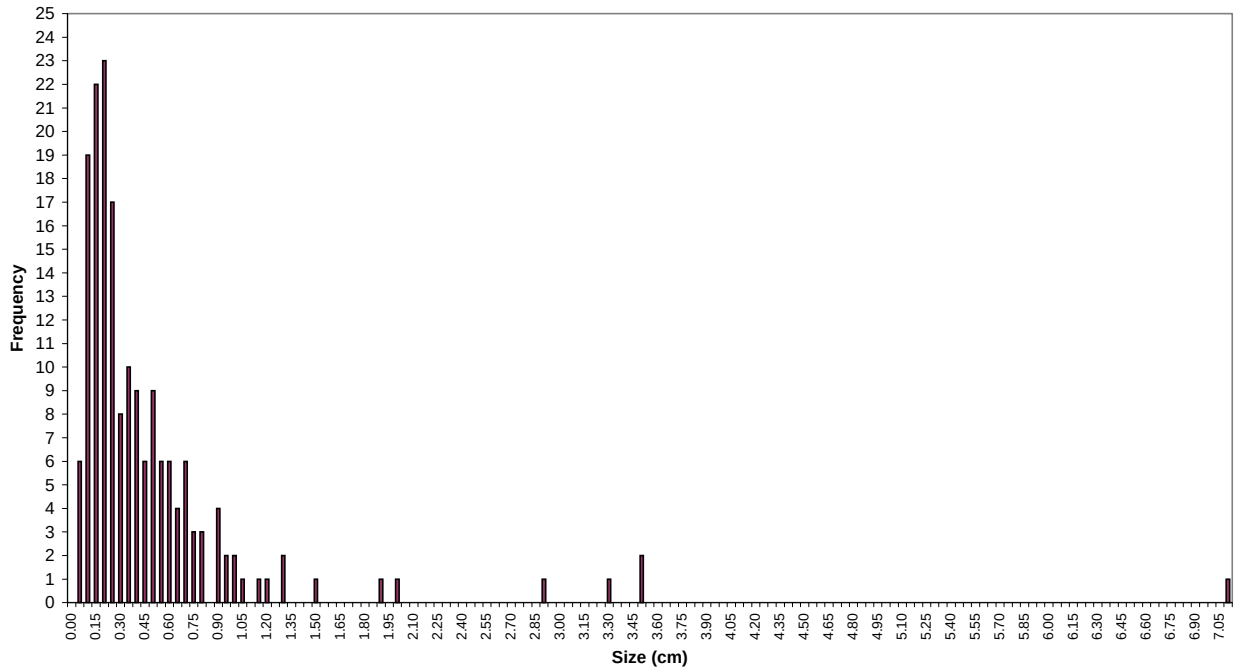
Coral Colony Size Histogram: CB 2



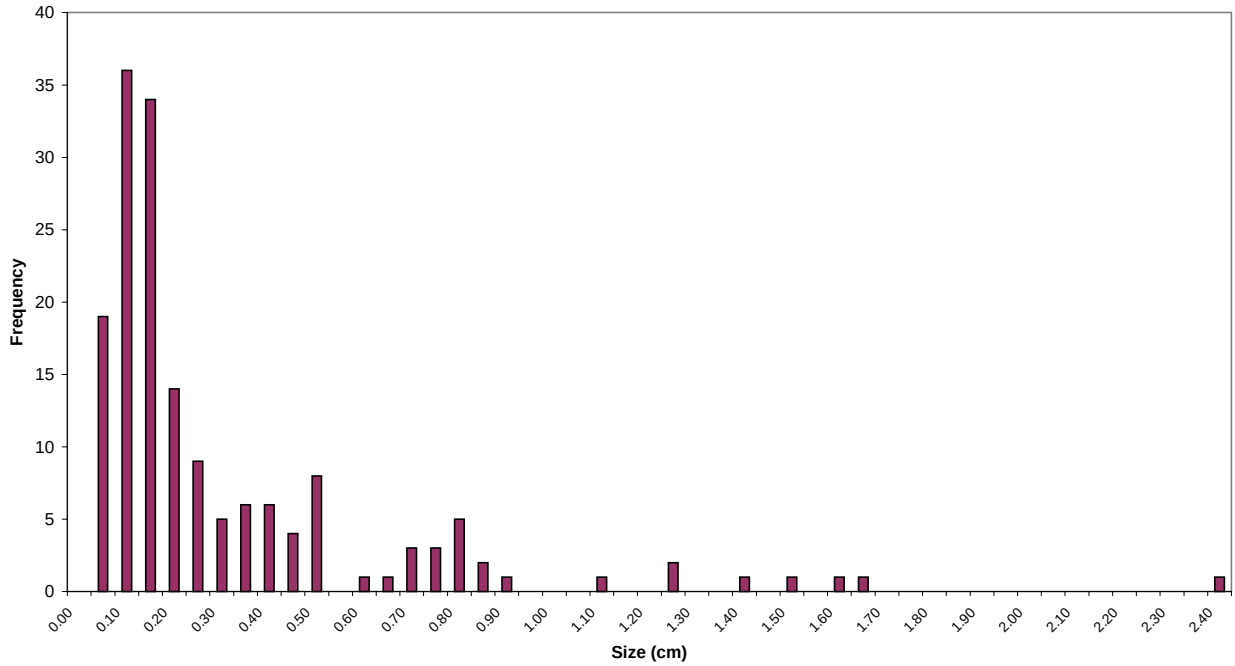
Coral Colony Size Histogram: CB 3



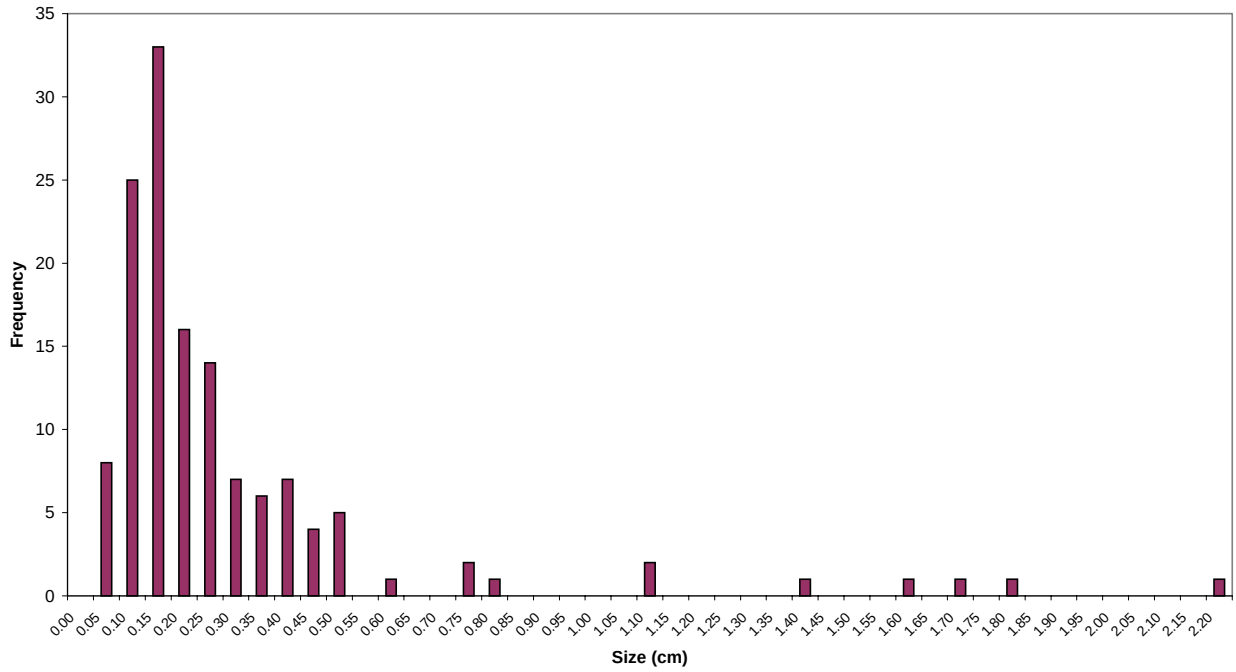
Coral Colony Size Histogram: CB 4



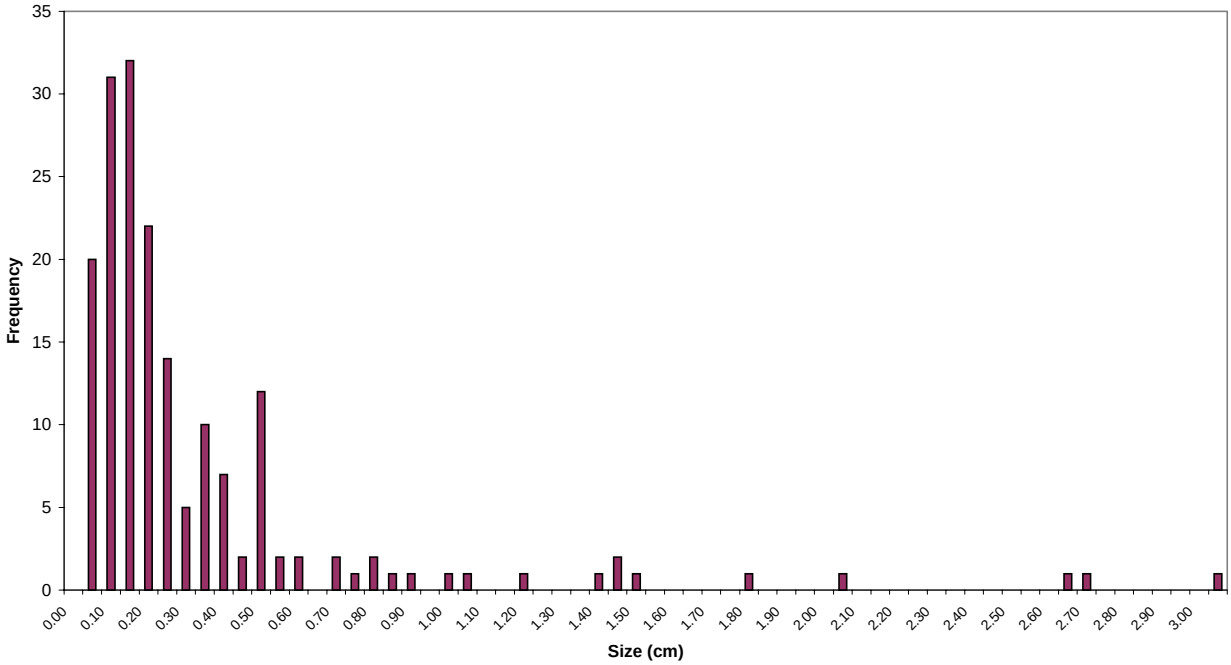
Coral Colony Size Histogram: CB 5



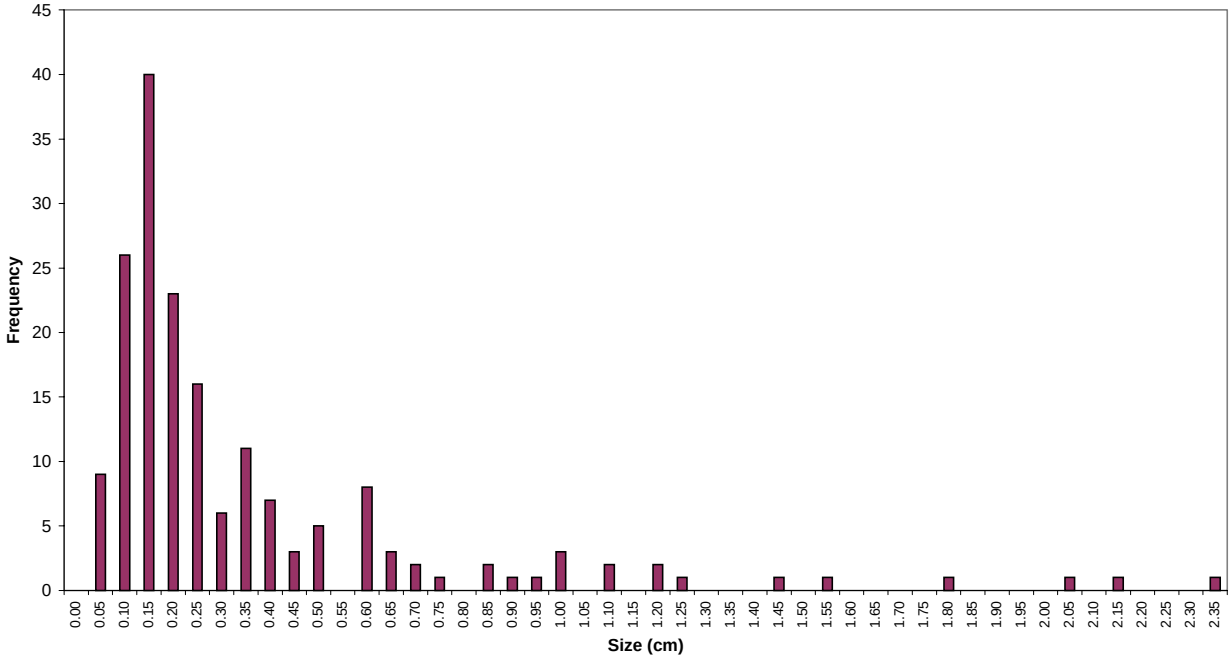
Coral Colony Size Histogram: CB 6



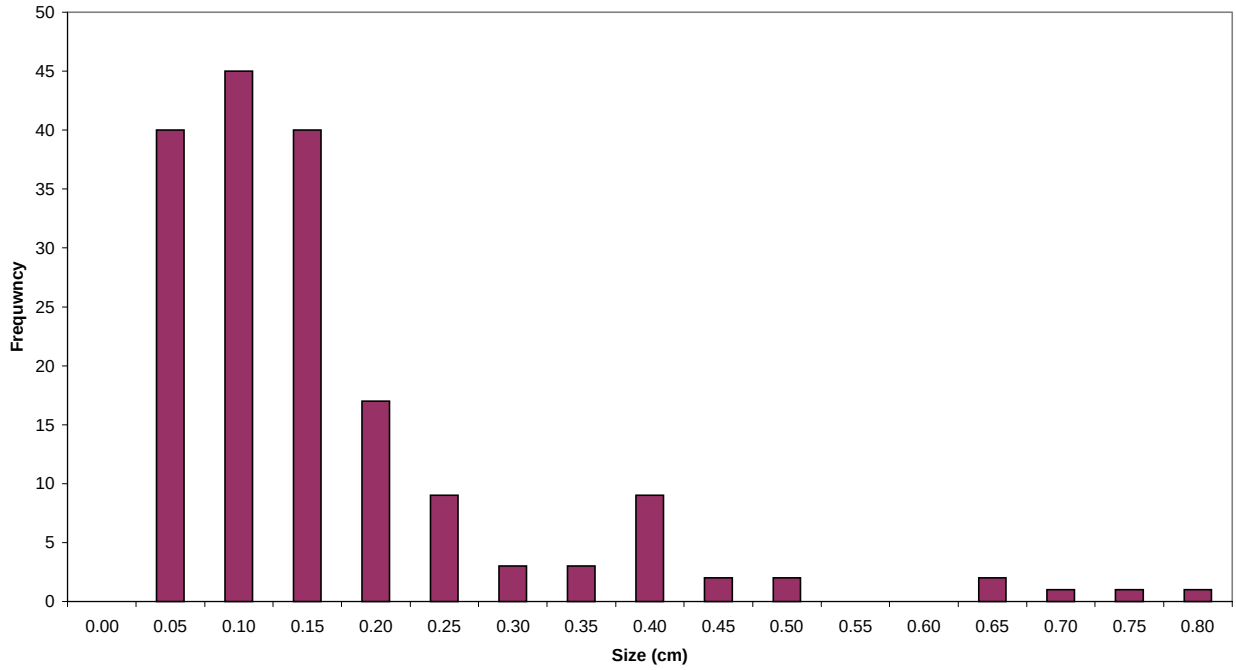
Coral Colony Size Histogram: CB 7



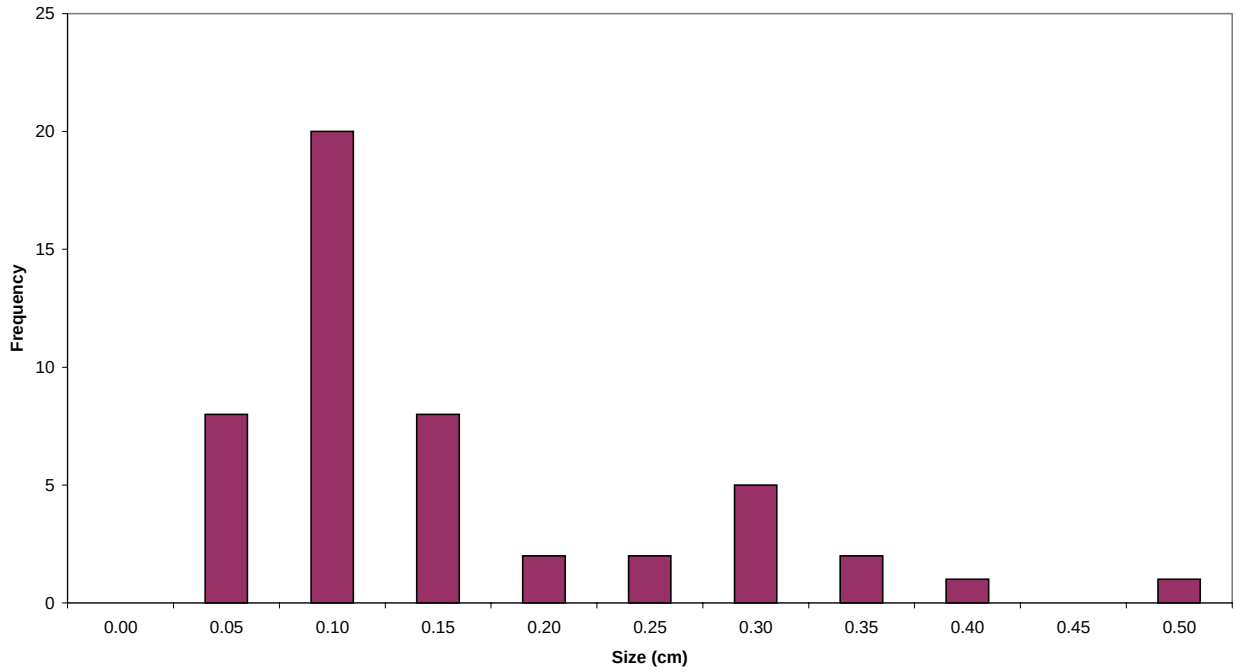
Coral Colony Size Histogram: CB 8



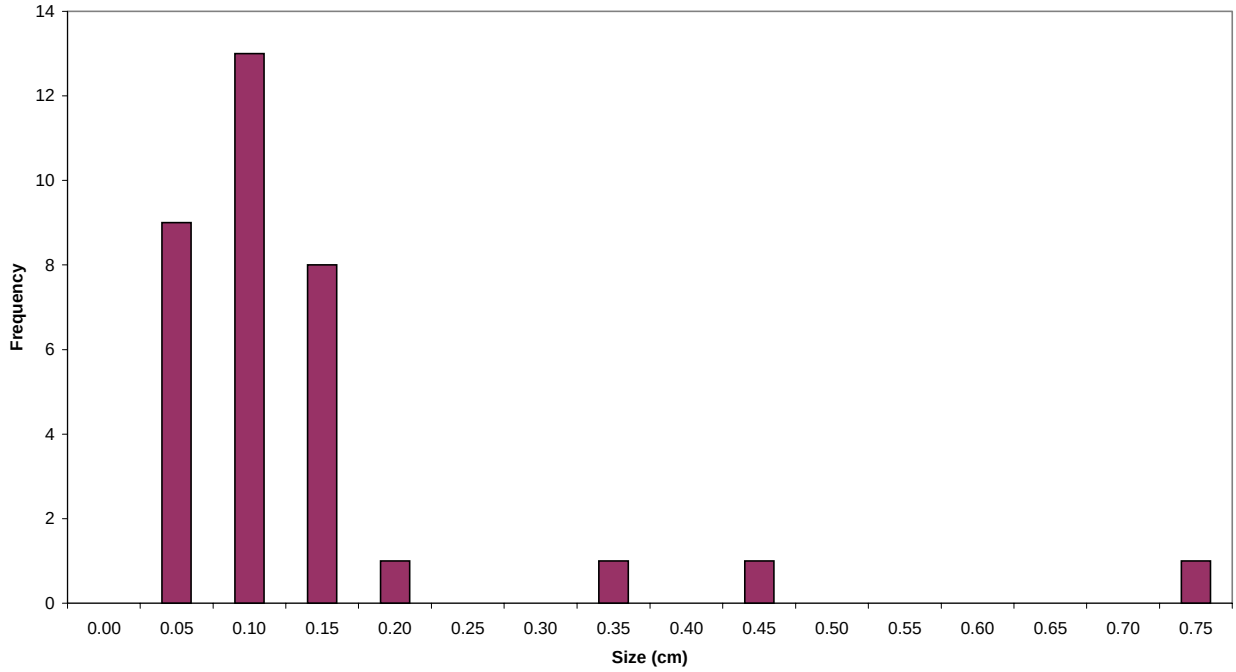
Coral Colony Size Histogram: CB 9



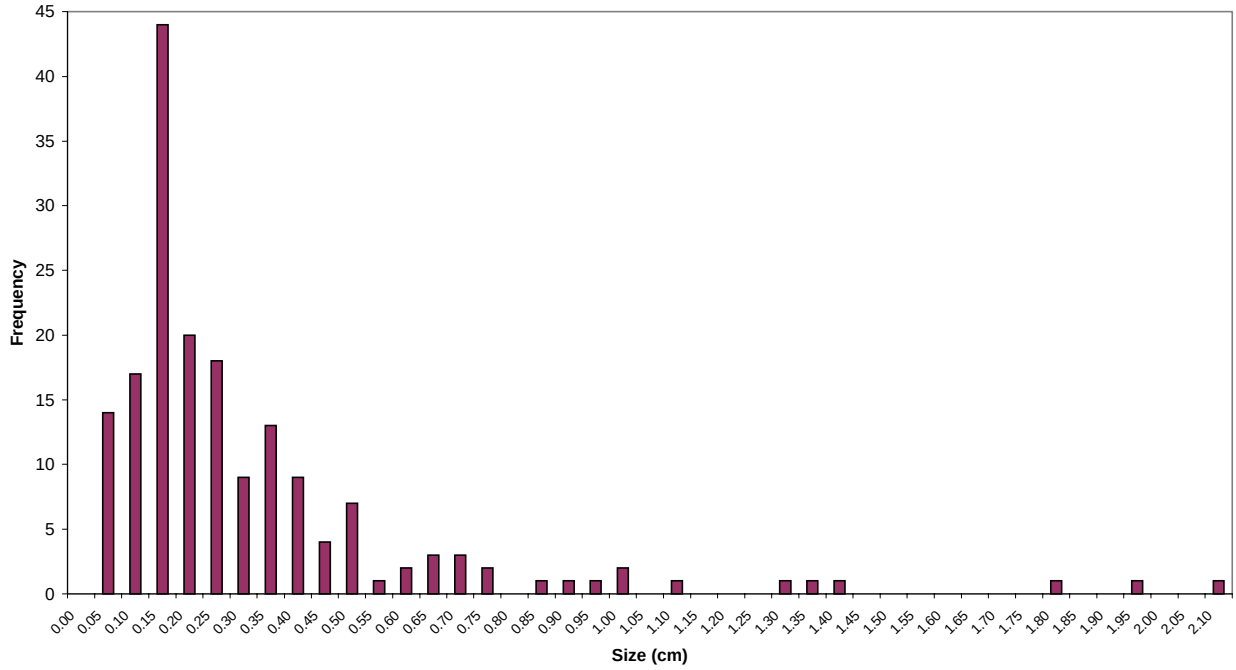
Coral Colony Size Histogram: CB 10



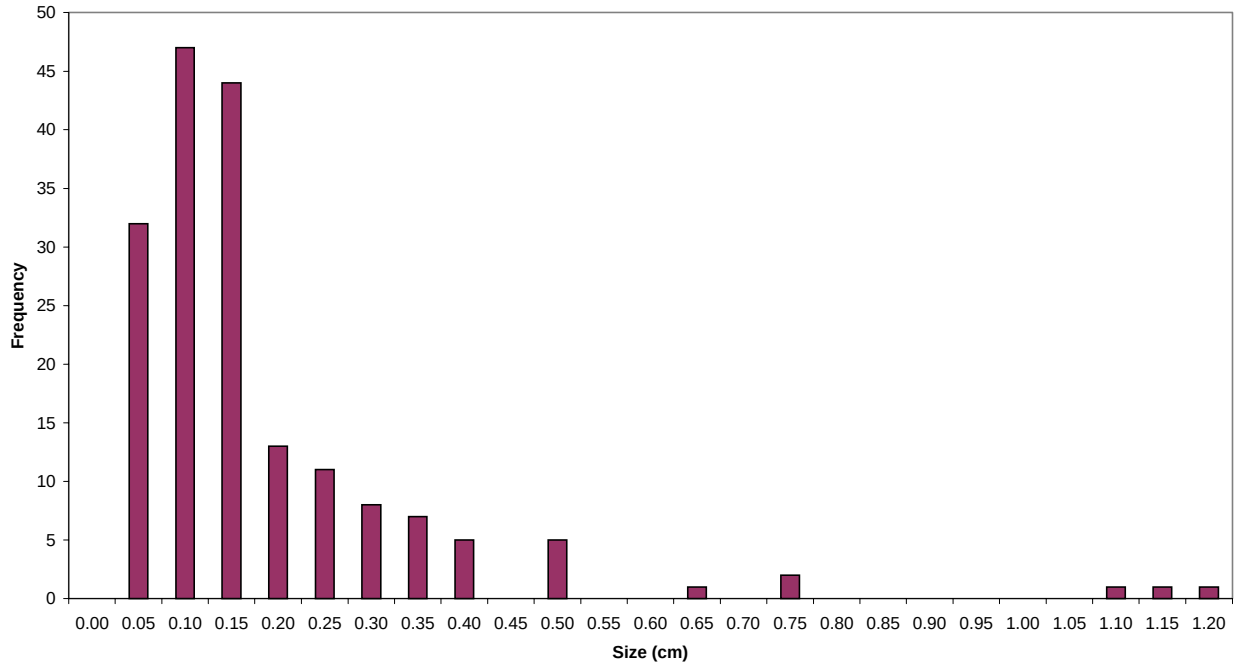
Coral Colony Size Histogram: CB 11



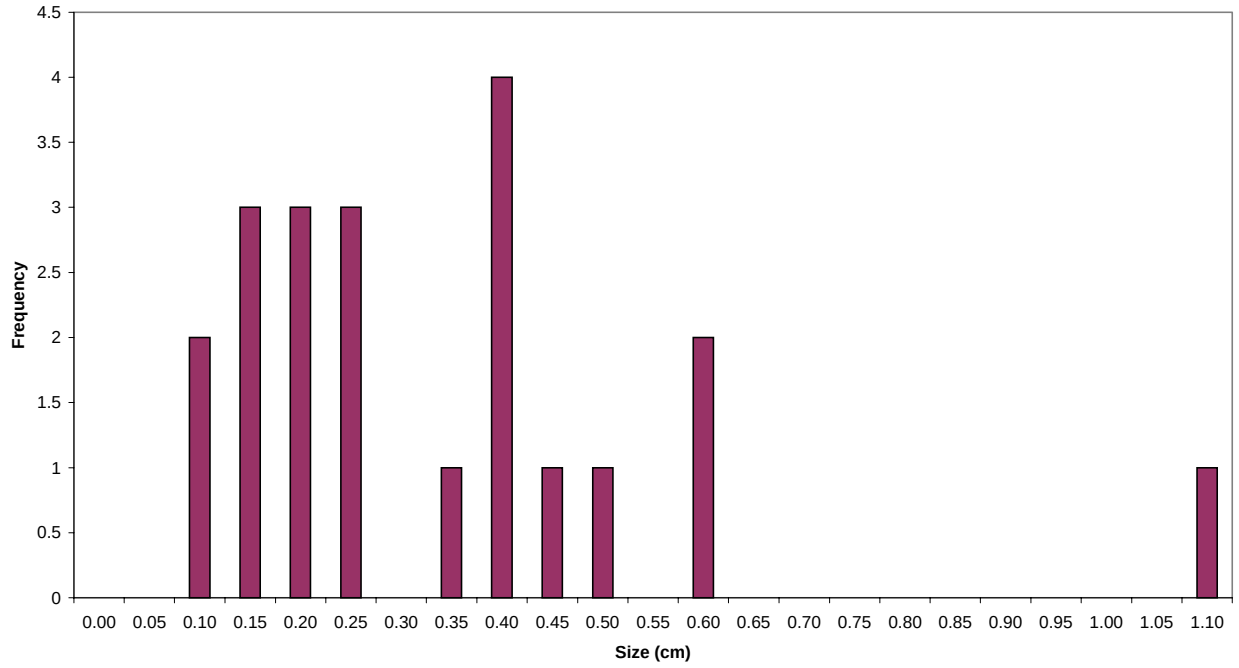
Coral Colony Size Histogram: CB 12



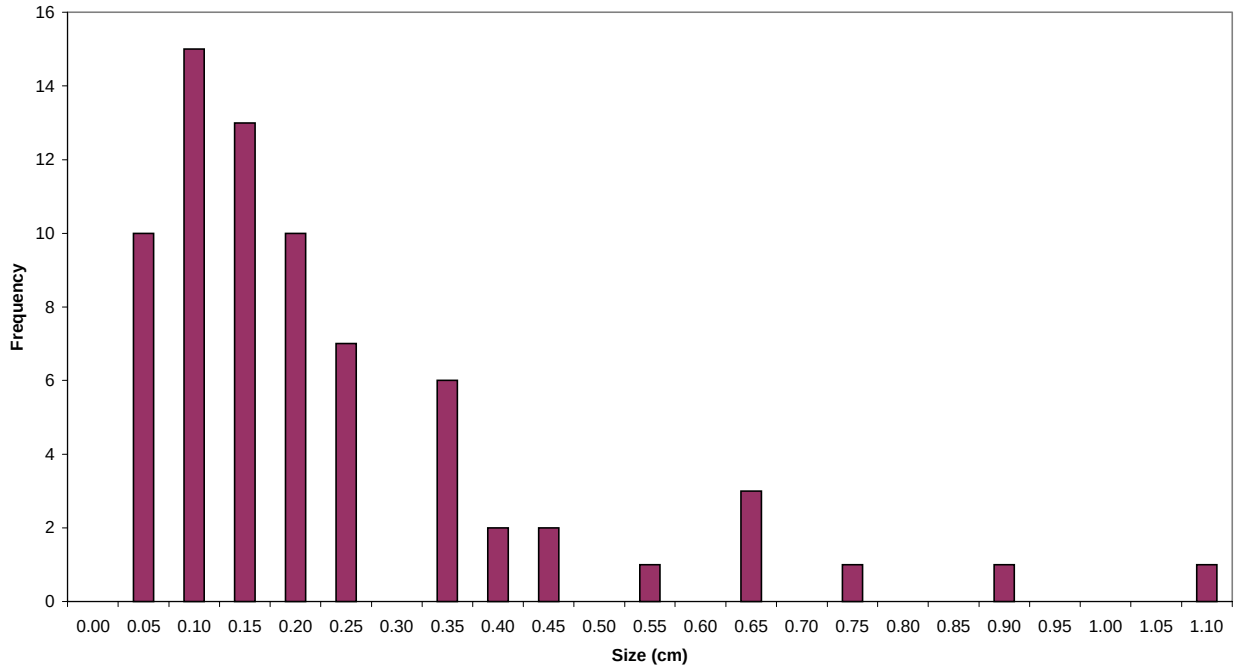
Coral Colony Size Histogram: CB 13



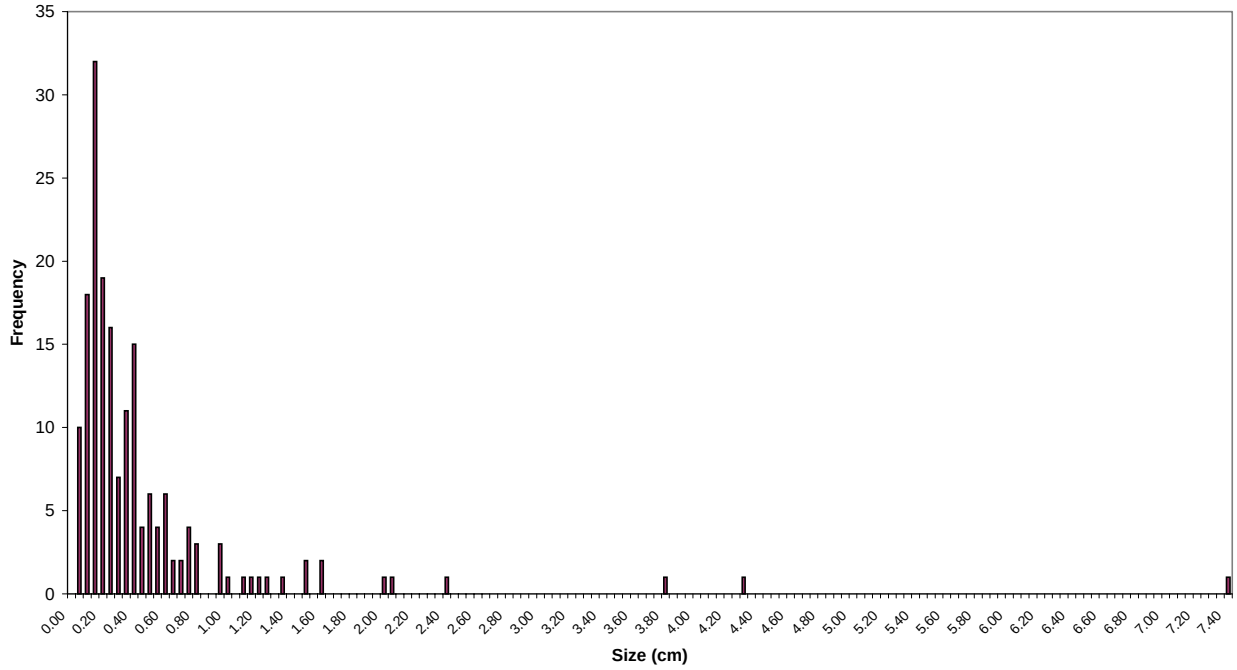
Coral Colony Size Histogram: CB 14

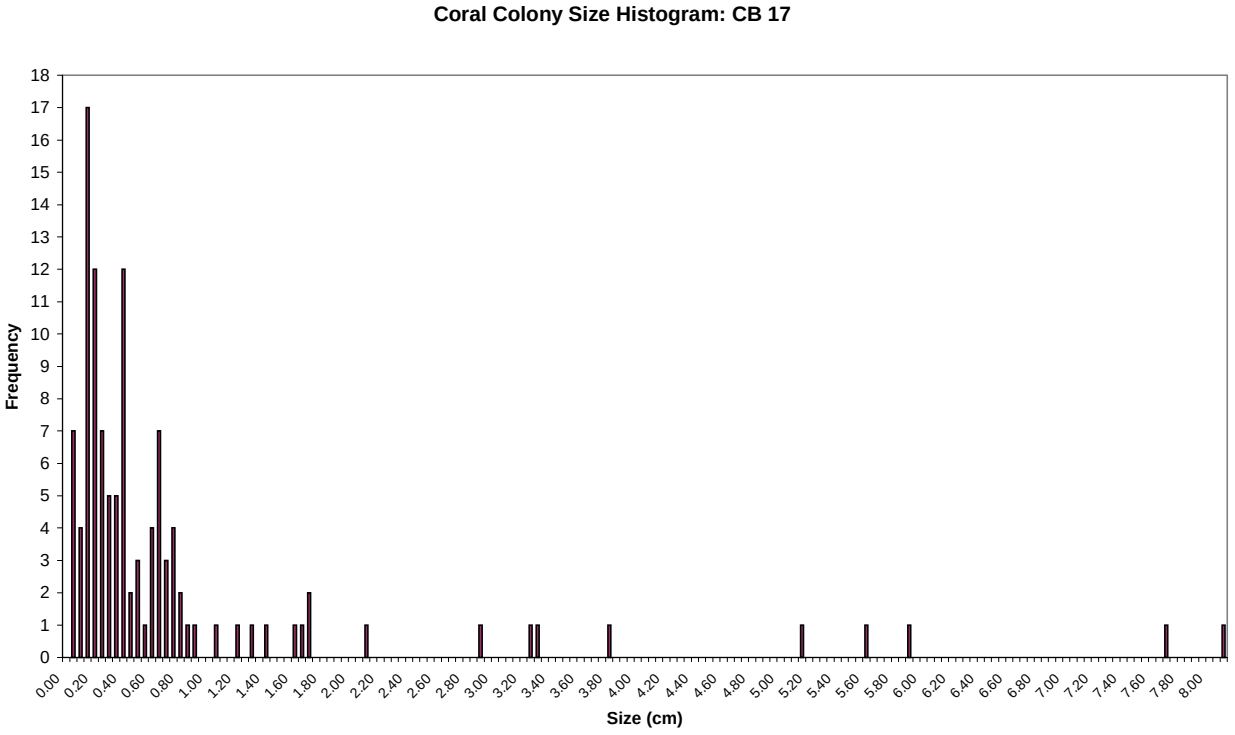


Coral Colony Size Histogram : CB 15



Coral Colony Size Histogram: CB 16




Coral Colony Size Histogram: CB 17
Frequency
Size (cm)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
0.00
0.20
0.40
0.60
0.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20
2.40
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
5.60
5.80
6.00
6.20
6.40
6.60
6.80
7.00
7.20
7.40
7.60
7.80
8.00

APPENDIX 8: CB 05/00 VIDEO TAPES

Tapes #	Programme	Description	Digital original	VHS copy	Digital copy
MMS/NIN/NIN/BVT#1-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB17, CB4	Digital	No	Yes
MMS/NIN/NIN/BVT#2-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB2,CB13,CB8	Digital	No	Yes
MMS/NIN/NIN/BVT#3-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB9,CB5,CB14	Digital	No	Yes
MMS/NIN/NIN/BVT#4-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB10,CB6	Digital	No	Yes
MMS/NIN/NIN/BVT#5-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB16, CB15, CB12	Digital	No	Yes
MMS/NIN/NIN/BVT#6-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB1, CB3, CB7 (T1, T2)	Digital	No	Yes
MMS/NIN/NIN/BVT#7-05-00	Ningaloo Marine Park Monitoring Program: Coral Bay	CB7 (T2), CB11	Digital	No	Yes