

Appendix 5A

Benthic Epifauna

Survey date	Site	Transect	Depth (m)	Exposure	Sediment	Substratum	Coral recorded	% corals in total benthos	Remarks
10-Mar-07	Chiu Keng Wan	Shallow - 1	4.5	semi-sheltered	thin layer	Rocky (big rock) to sandy	Hard Coral, Octocorals	Hard Corals: <2%; Octocorals: 5%	
10-Mar-07		Shallow - 2	5.8	semi-exposed				Hard Corals: <2%; Octocorals: 10%	
10-Mar-07		Deep - 1	8.5	semi-sheltered		Sandy	Octocorals, Black Corals	Octocorals:20%, Black Corals: <1%	
10-Mar-07		Deep - 2	7.9	semi-exposed				Octocorals:20-25%, Black Corals: <1%	
11-Mar-07	Tung Lung Island (West)	Shallow - 1	3.7	semi-exposed	thin layer	Rocky (big rock) to sandy	Hard Coral, Octocorals	Hard Corals: <1%; Octocorals: 5%	
11-Mar-07		Shallow - 2	3.8		none				
11-Mar-07		Deep - 1	7.5		re-suspended	Sandy	Octocorals	Octocorals: <1%	
11-Mar-07		Deep - 2	7.5		none				
17-Mar-07	Fat Tong Chau	Shallow - 1	3.5	semi-sheltered	thin layer	Rocky (big rock) to sandy	Hard Coral, Octocorals	Hard Corals: <2%; Octocorals: <1%	
17-Mar-07		Shallow - 2	2.5		Octocorals			Octocorals: <1%	large sea anemone
17-Mar-07		Deep - 1	6.8		re-suspended		Octocorals: 30-35%		
17-Mar-07		Deep - 2	7.5		Octocorals: 10-15%				
6-Jun-07	Victor Rock	Shallow	15	semi-exposed	thin layer	Rocky	Octocorals	Octocorals:20-30%, Black Corals: <5%	many ahermaptic corals
9-Jun-07		Deep	23-25		re-suspended			Octocorals, Black Coral	
7-Jun-07	Tung Lung Chau (South)	Shallow - 1	8	semi-exposed	thin layer	Rocky (big rock) to sandy	none		
7-Jun-07		Shallow - 2	6.5				Hard Coral, Octocorals, Black Coral	Hard Corals: 5-10%, Octocorals: 5%	
8-Jun-07		Deep - 1	12		re-suspended		Hard Coral	Hard Corals: 15-20%	
8-Jun-07		Deep - 2	10.5					Hard Corals: 20-25%	
18-Jun-07	South Ninepins	Shallow - 1	5.7	semi-exposed	thin layer	Rocky	Octocorals	Octocorals: <1%	Sponges and bryozoans
18-Jun-07		Shallow - 2	6.4						

Survey date	Site	Transect	Depth (m)	Exposure	Sediment	Substratum	Coral recorded	% corals in total benthos	Remarks
18-Jun-07		Deep - 1	13		re-suspended	Rocky (big rock)	Hard Coral, Octocorals, Black Coral	Hard Corals: 5-10%, Octocorals: <5%	many ahermaptic corals
18-Jun-07		Deep - 2	15				Octocorals, Black Coral	Octocorals: 5-10%	
18-Jun-07	East Ninepins	Shallow - 1	6.6	semi-exposed	thin layer	Rocky	Hard Coral, Octocorals	Hard Corals: 5-10%, Octocorals:<1%	Bryozoans
18-Jun-07		Shallow - 2	5.2				Octocorals	Octocorals:<1%	
21-Jun-07		Deep - 1	20		thin layer	Rocky (big rock) to sandy	Octocorals, Black Coral	Octocorals:<5%, Black Corals: <1%	
21-Jun-07		Deep - 2	22					re-suspended	
19-Jun-07	One Foot Rock	Shallow	11	exposed	re-suspended	Rocky with rubbles	Hard Coral, Octocorals	Hard Corals: 10%, Octocorals:<5%	
19-Jun-07		Deep	23				Octocorals, Black Coral	Octocorals:30-40%, Black Corals: 5%	
20-Jun-07	Basalt Island	Shallow	8.5	semi-exposed	thin layer	Rocky	Hard Coral, Octocorals	Hard Corals: 5-10%, Octocorals:<1%	Sponges, anemones, ahermaptic corals
20-Jun-07		Deep	18		re-suspended		Octocorals, Black Coral	Octocorals:5%, Black Corals: 5%	Bryozoans, ahermaptic corals

Exposure: sheltered, semi-sheltered, semi-exposed, exposed

Sediment: none, thin later, resuspended, thick layer of muds

APPENDIX 5A: CORAL RECORDS

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral		
			Species	Size	Species	Size	Species	Size	
Chiu Keng Wan	Shallow T1	10m - 20m	<i>Euplexaura sp.</i>	25 - 30 cm	-				
		20m - 30m	<i>Euplexaura sp.</i>	25 - 30 cm	<i>Oulastrea crispata</i>	3 - 5 cm			
		30m - 40m	<i>Euplexaura sp.</i>	25 - 30 cm	<i>Oulestrea crispata</i>	3 - 5 cm			
			<i>Paraplexaura sp.</i>	~ 15 cm	<i>Turbinaria peltata</i>	~ 10 cm			
			<i>Dendronephthya sp.</i>	~ 10 cm	<i>Psammocora superficialis</i>	> 40 cm			
		40m - 50m	<i>Euplexaura sp.</i>	25 - 30 cm					
			<i>Dendronephthya sp.</i>	~ 15 cm					
		50m - 60m	<i>Euplexaura sp.</i>	25 - 30 cm					
		60m - 70m	<i>Euplexaura sp.</i>	25 - 30 cm					
		80m - 90m	<i>Euplexaura sp.</i>	25 - 30 cm					
	<i>Paraplexaura sp.</i>		~ 10 cm						
	90m - 100m	<i>Euplexaura sp.</i>	25 - 30 cm						
	Shallow T2	0m - 10m	<i>Euplexaura sp.</i>	25 - 30 cm					
		10m - 20m	<i>Paraplexaura sp.</i>	~ 15 cm					
		20m - 30m	<i>Paraplexaura sp.</i>	25 - 30 cm	<i>Oulastrea crispata</i>	3 - 5 cm			
					<i>Turbinaria peltata</i>	15 - 20 cm			
		30m - 40m	<i>Paraplexaura sp.</i>	25 - 30 cm	<i>Favites pentagona</i>	> 50 cm			
			<i>Euplexaura sp.</i>	25 - 30 cm					
		40m - 50m	<i>Euplexaura sp.</i>	25 - 30 cm					
		50m - 60m	<i>Euplexaura sp.</i>	25 - 30 cm					
60m - 70m		<i>Paraplexaura sp.</i>	25 - 30 cm						
		<i>Euplexaura sp.</i>	25 - 30 cm						
70m - 80m	<i>Euplexaura sp.</i>	25 - 30 cm							
	<i>Paraplexaura sp.</i>	25 - 30 cm							

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral	
			Species	Size	Species	Size	Species	Size
		80m - 90m	<i>Echinogorgia sp.</i>	~ 10 cm				
			<i>Lobophytum sp.</i>	> 30 cm				
	Deep T1	0m - 10m	<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
		20m - 30m	<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Euplexaura sp.</i>	25 - 30 cm				
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Menella sp.</i>	~ 15 cm				
		30m - 40m	<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Paraplexaura sp.</i>	> 30 cm				
		40m - 50m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
		50m - 60m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Paraplexaura sp.</i>	> 30 cm				
		60m - 70m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Dendronephthya sp.</i>	~ 25 cm				
		80m - 90m	<i>Paraplexaura sp.</i>	~ 15 cm				
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
		90m - 100m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
	<i>Paraplexaura sp.</i>		~ 15 cm					
	<i>Dendronephthya sp.</i>		> 25 cm					
	Deep T2	0m - 10m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
			<i>Paraplexaura sp.</i>	~ 15 cm				
		10m - 20m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm				
20m - 30m		<i>Echinomuricea sp.</i>	~ 15 - 30 cm					

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral							
			Species	Size	Species	Size	Species	Size						
		30m - 40m	<i>Menella sp.</i>	10 cm										
			<i>Carijoa sp.</i>	~ 3 cm										
			<i>Euplexaura sp.</i>	~ 15 cm										
		40m - 50m	<i>Paraplexaura sp.</i>	~ 15 cm									<i>Cirripathes sp.</i>	~ 30 - 35 cm
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm										
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm										
		50m - 60m	<i>Paraplexaura sp.</i>	~ 15 cm										
			<i>Scleronephthya sp.</i>	~ 5 - 15 cm										
			<i>Euplexaura sp.</i>	~ 15 cm										
			<i>Astrogorgia sp.</i>	~ 10 cm										
		70m - 80m	<i>Echinomuricea sp.</i>	~ 15 - 30 cm										
			<i>Dendronephthya spp.</i>	> 30 cm										
			<i>Euplexaura sp.</i>	25 - 30 cm										
			<i>Paraplexaura sp.</i>	~ 15 cm										
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm										
		80m - 90m	<i>Paraplexaura sp.</i>	~ 15 cm									<i>Cirripathes sp.</i>	> 30 cm
			<i>Anthogorgia sp.</i>	~ 40 - 50 cm										
			<i>Echinomuricea sp.</i>	~ 15 - 30 cm										
		90m - 100m	<i>Dendronephthya sp.</i>	> 20 cm									<i>Cirripathes sp.</i>	> 35 cm
			<i>Scleronephthya sp.</i>	< 8 cm										
<i>Anthogorgia sp.</i>	> 20 cm													
Tung Lung Chau West	Shallow T1	20m - 30m	<i>Euplexaura sp.</i>	~ 20 cm	<i>Porites lutea</i>	< 10 cm								
			<i>Sinulara brassica</i>	~ 5 - 10 cm										
		40m - 50m			<i>Plesiastrea versipora</i>	~ 30 cm								
		50m - 60m			<i>Favia sp.</i>	~ 15 cm								
					<i>Turbinaria peltata</i>	~ 30 cm								

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral			
			Species	Size	Species	Size	Species	Size		
	Shallow T2				-					
	Deep T1	60m - 70m	<i>Echinomuricea sp.</i>	~ 20 cm	<i>Dendrophyllia</i>	< 20 cm	-			
	Deep T2				-					
Fat Tong Chau	Shallow T1	0m - 10m	<i>Euplexaura sp.</i>	>30m	-					
		10m - 20m	<i>Euplexaura sp.</i>	>30m						
		30m - 40m	-						<i>Goniopora stutchburyi</i>	>60cm
		40m - 50m							<i>Leptastrea purpurea</i>	>60cm
	Shallow T2	0m - 10m	<i>Euplexaura sp.</i>	>30m	-					
		10m - 20m	<i>Euplexaura sp.</i>	40-50cm						
	Deep T1	0m - 10m	<i>Paraplexaura sp.</i>	20cm	-					
			<i>Echinomuricea sp.</i>	25-40cm						
		10m - 20m	<i>Paraplexaura sp.</i>	20cm						
			<i>Echinomuricea sp.</i>	25-40cm						
		20m - 30m	<i>Paraplexaura sp.</i>	30cm						
			<i>Echinomuricea sp.</i>	25-40cm						
			<i>Dendronephthya sp.</i>	30cm						
		30m - 40m	<i>Echinomuricea sp.</i>	25-40cm						
			<i>Paraplexaura sp.</i>	20cm						
			<i>Euplexaura sp.</i>	30cm						
		40m - 50m	<i>Echinomuricea sp.</i>	25-40cm						
			<i>Paraplexaura sp.</i>	20cm						
		50m - 60m	<i>Euplexaura sp.</i>	30cm						
			<i>Echinomuricea sp.</i>	25-40cm						
60m - 70m		<i>Echinomuricea sp.</i>	25-40cm							
70m - 80m		<i>Echinomuricea sp.</i>	25-40cm							
80m - 90m	<i>Echinomuricea sp.</i>	25-40cm								

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral						
			Species	Size	Species	Size	Species	Size					
		90m - 100m	<i>Euplexaura sp.</i>	30cm									
			<i>Dendronephthya sp.</i>	30cm									
			<i>Echinomuricea sp.</i>	25-40cm									
		Deep T2	0m - 10m	<i>Echinomuricea sp.</i>					25-40cm				
			10m - 20m	<i>Echinomuricea sp.</i>					25-40cm				
			20m - 30m	<i>Echinomuricea sp.</i>					25-40cm				
	30m - 40m		<i>Echinomuricea sp.</i>	25-40cm									
	40m - 50m	<i>Echinomuricea sp.</i>	25-40cm										
	50m - 60m	<i>Dendronephthya sp.</i>	10cm										
	Victor Rock	Shallow T1	0m - 10m	<i>Dendronephthya spp.</i>	5-15cm								
				<i>Muricella sp.</i>	15-20cm								
10m - 20m			<i>Dendronephthya spp.</i>	30-40	<i>Montipora peltiformis</i>								
			20m - 30m	<i>Muricella sp.</i>	30cm								
<i>Scleronephthya spp.</i>				5-10cm									
<i>Dendronephthya spp.</i>				20cm									
30m - 40m			<i>Muricella sp.</i>	15cm	<i>Montipora peltiformis</i>								
			<i>Dendronephthya spp.</i>	10cm									
40m - 50m			<i>Muricella sp.</i>	25cm									
			<i>Dendronephthya spp.</i>	30cm									
50m - 60m			<i>Dendronephthya spp.</i>	15cm									
60m - 70m			<i>Dendronephthya spp.</i>	5-10cm									
			<i>Muricella sp.</i>	25cm									
70m - 80m			<i>Scleronephthya spp.</i>	<10cm									
			<i>Dendronephthya spp.</i>	20-40cm									
80m - 90m	<i>Scleronephthya spp.</i>	10cm	<i>Montipora</i>										

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral		
			Species	Size	Species	Size	Species	Size	
		90m - 100m	<i>Dendronephthya spp.</i>	15cm	<i>peltiformis</i>				
			<i>Chironephthya spp.</i>	5-8cm					
			<i>Scleronephthya spp.</i>	10cm					
	Deep T1	0m - 10m		<i>Scleronephthya spp.</i>	10-15cm				
				<i>Encrusting soft coral SP3</i>					
				<i>Astrogorgia sp.</i>	15cm				
		10m - 20m		<i>Muricella sp.</i>	20cm				
				<i>Scleronephthya spp.</i>	10-15cm				
		20m - 30m		<i>Dendronephthya spp.</i>	20-30cm				
				<i>Muricella sp.</i>	10cm				
				<i>Scleronephthya spp.</i>	20cm				
		30m - 100m		<i>Anthogorgia sp.</i>	15cm				
				<i>Anthogorgia sp.</i>	20-25cm				
				<i>Muricella sp.</i>	20cm				
				<i>Dendronephthya spp.</i>	30-40cm				
				<i>Scleronephthya spp.</i>	10-20cm				
				<i>Echinomuricea spp.</i>	20cm				
				<i>Paraplexaura sp.</i>	15cm				
				<i>Paramenabia sp.</i>	10cm				
				<i>Menella sp.</i>	15cm				
		<i>Nephtyigorgia sp.</i>	10cm						
		<i>Echinogorgia sp.</i>	15cm						
Tung Lung Chau South	Shallow T1								
	Shallow T2	60m - 70m	<i>Dendronephthya spp.</i>	15-20cm	<i>Psammocora superficialis</i>	10-15cm	<i>Cirripathes sp.</i>	>60-100cm	
			<i>Nephtyigorgia sp.</i>	20cm					
			<i>Chironephthya sp.</i>	10cm	<i>Goniopora stutchburyi</i>	10-15cm			

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral	
			Species	Size	Species	Size	Species	Size
		70m - 80m	<i>Anthogorgia sp.</i>	20cm	<i>Goniopora stutchburyi</i>	10-15cm	-	
			<i>Euplexaura sp.</i>	10cm	<i>Psammocora superficialis</i>	10-15cm		
		80m - 90m	<i>Muricella sp.</i>	20cm	-		<i>Cirripathes sp.</i>	>60-100cm
			<i>Menella</i>	10cm				
	90m - 100m	<i>Muricella sp.</i>	20cm			<i>Cirripathes sp.</i>	>60-100cm	
	Deep T1	10m - 20m			<i>Goniopora djiboutiensis</i>	5-10cm		
		30m - 40m			<i>Psammocora superficialis</i>	20cm		
		40m - 50m			<i>Psammocora superficialis</i>	15-20cm		
		50m - 60m			<i>Plesiastrea versipora</i>	20-30cm		
					<i>Psammocora superficialis</i>	20cm		
					<i>Goniopora stutchburyi</i>	5-10cm		
		60m - 70m			<i>Cyphastrea japonica</i>	>30cm		
		70m - 80m			<i>Psammocora superficialis</i>	15-20cm		
		80m - 90m			<i>Porites lutea</i>	20cm		
					<i>Plesiastrea versipora</i>	30cm		
	Deep T2	0m - 10m			<i>Psammocora superficialis</i>	20cm		
					<i>Cyphastrea japonica</i>	10cm		
					<i>Plesiastrea versipora</i>	20-30cm		
					<i>Psammocora haimeana</i>	10-15cm		
				<i>Cyphastrea japonica</i>	10-20cm			
10m - 20m			<i>Coscinarea n. sp.</i>	15-20cm				
				<i>Psammocora superficialis</i>	10cm			

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral		
			Species	Size	Species	Size	Species	Size	
		20m - 30m			<i>Cyphastrea serailia</i>	15cm			
					<i>Psammocora haimeana</i>	20cm			
		<i>Goniopora stutchburyi</i>			10cm				
		<i>Cyphastrea serailia</i>			10-15cm				
		<i>Plesiatrea versipora</i>			20cm				
		<i>Plesiatrea versipora</i>			20cm				
		<i>Cyphastrea serailia</i>			10-15cm				
		<i>Psammocora superficialis</i>			15-20cm				
		<i>Favia speciosa</i>			20-25cm				
		<i>Plesiatrea versipora</i>			25cm				
		<i>Cyphastrea serailia</i>			15-20cm				
		<i>Plesiatrea versipora</i>			20cm				
		<i>Favia helianthoides</i>			15cm				
		<i>Cyphastrea serailia</i>			15-20cm				
<i>Cyphastrea serailia</i>	15-20cm								
<i>Psammocora superficialis</i>	20cm								
<i>Plesiatrea versipora</i>	20cm								
South Ninepins	Shallow T1	80m - 90m	<i>Euplexaura sp.</i>	10cm					
			<i>Carijoa sp.</i>	5cm					
	Shallow T2								
	Deep T1	0m - 10m		<i>Dendronephthya spp.</i>	5-15cm	<i>Plesiatrea versipora</i>	25cm		
						<i>Montipora peltiformis</i>	10cm		
						<i>Psammocora superficialis</i>	10cm		
						<i>Psammocora superficialis</i>	10-15cm		
	10m - 20m		<i>Dendronephthya spp.</i>	5cm	<i>Psammocora superficialis</i>	10-15cm			
	20m - 30m		<i>Dendronephthya</i>	5cm	<i>Plesiatrea versipora</i>	10cm			

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral	
			Species	Size	Species	Size	Species	Size
			<i>spp.</i>					
		30m - 40m	<i>Dendronephthya spp.</i>	10cm				
			<i>Paraplexaura sp.</i>	10cm				
			<i>Euplexaura sp.</i>	10cm				
		40m - 50m	-					
		50m - 60m	<i>Anthogorgia sp.</i>	30cm				
		70m - 80m	<i>Dendronephthya spp.</i>	20cm				
	Deep T2	0m - 10m	<i>Dendronephthya spp.</i>	15cm				
		10m - 20m	<i>Acanthoogorgia sp.</i>	10cm				
			<i>Scleronephthya spp.</i>	5cm				
		20m - 30m	<i>Dendronephthya spp.</i>	5-10cm				
		30m - 40m	<i>Paraminabea sp1.</i>	15cm				
		40m - 50m	<i>Paraminabea sp2.</i>	15cm				
		70m - 80m	<i>Dendronephthya spp.</i>	5cm				
		80m - 90m	<i>Echinomuricea sp.</i>	5cm				
<i>Anthogorgia sp.</i>	25cm							
East Ninepins	Shallow T1	10m - 20m	<i>Dendronephthya spp.</i>	15cm	<i>Psammocora superficialis</i>	20cm		
		20m - 30m	<i>Dendronephthya spp.</i>	20cm	<i>Montipora peltiformis</i>	30cm		
					<i>Psammocora superficialis</i>	20cm		
		30m - 40m	<i>Dendronephthya spp.</i>	25cm	<i>Montipora mollis</i>	20cm		
					<i>Favia speciosa</i>	15cm		
					<i>Montipora peltiformis</i>	40cm		
					<i>Psammocora superficialis</i>	25cm		
50m - 60m	<i>Euplexaura sp.</i>	50cm	<i>Psammocora</i>	40cm				

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral				
			Species	Size	Species	Size	Species	Size			
					<i>superficialis</i>						
					<i>Montipora turgescens</i>	30cm					
	Shallow T2	50m - 60m	<i>Carijoa sp.</i>	20-30cm	-		-				
		Deep T1	30m - 40m	<i>Dendronephthya spp.</i>					15cm		
	40m - 50m		<i>Dendronephthya spp.</i>	15cm							
	60m - 70m		<i>Encrusting soft coral SP3</i>	40cm							
			<i>Menella sp.</i>	8cm							
			<i>Acanthogorgia sp.</i>	10cm							
	70m - 80m		<i>Dendronephthya spp.</i>	15cm							
	Deep T2	50m - 60m	-								
		60m - 70m	<i>Echinomuricea sp.</i>	10cm							
		70m - 80m	<i>Paraminabea sp.</i>	30cm							
		80m - 90m	-								
	One Foot Rock	Shallow T1	0m - 10m	<i>Dendronephthya spp.</i>			20cm	<i>Montipora peltiformis</i>	10cm	-	
								<i>Plesiastrea versipora</i>	5cm		
10m - 20m		<i>Dendronephthya spp.</i>	10cm	<i>Montipora peltiformis</i>			20cm				
				<i>Psammocora superficialis</i>			5cm				
20m - 30m		<i>Dendronephthya spp.</i>	30cm	-							
30m - 40m		<i>Dendronephthya spp.</i>	3cm	<i>Montipora peltiformis</i>	5cm						
60m - 70m		<i>Dendronephthya spp.</i>	15cm	-							
90m - 100m		<i>Dendronephthya spp.</i>	60cm								
Deep T2	0m - 10m	<i>Nephtyigorgia sp.</i>	10cm	-		-					

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral	
			Species	Size	Species	Size	Species	Size
			<i>Dendronephthya spp.</i>	10cm				
			<i>Muricella sp.</i>	20-30cm				
			<i>Echinogorgia sp.</i>	8cm				
			<i>Menella sp.</i>	8cm				
			<i>Astrogorgia sp.</i>	10cm				
		10m - 20m	<i>Nephthyigorgia sp.</i>	10cm				
			<i>Scleronephthya sp.</i>	5cm				
			<i>Muricella sp.</i>	20-30cm				
			<i>Viminella sp.</i>	20-30cm				
			<i>Menella sp.</i>	10-15cm				
			<i>Anthogorgia sp.</i>	20cm				
			<i>Dendronephthya spp.</i>	20cm				
			<i>Paraminabea sp.</i>	5-8cm				
		20m - 30m	<i>Echinogorgia sp.</i>	10cm				
			<i>Viminella sp.</i>	20cm				
			<i>Menella sp.</i>	15cm				
			<i>Paraminabea sp.</i>	5cm				
			<i>Nephthyigorgia sp.</i>	5cm				
			<i>Acanthogorgia sp.</i>	10-15cm				
			<i>Scleronephthya sp.</i>	10cm				
			<i>Muricella sp.</i>	20-25cm				
			<i>Anthogorgia sp.</i>	15-20cm				
		30m - 40m	<i>Dendronephthya spp.</i>	20cm				
			<i>Muricella sp.</i>	20cm				
			<i>Dendronephthya spp.</i>	20cm				
			<i>Scleronephthya sp.</i>	10cm				
							<i>Cirripathes sp.</i>	50cm
							<i>Antipathes sp.</i>	20cm
							-	

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral							
			Species	Size	Species	Size	Species	Size						
		40m - 50m	<i>Acanthogorgia sp.</i>	5-10cm										
			<i>Anthogorgia sp.</i>	15cm										
			<i>Anthogorgia sp.</i>	15cm										
		50m - 60m	<i>Dendronephthya spp.</i>	20cm										
			<i>Muricella sp.</i>	20cm										
			<i>Nephtyigorgia sp.</i>	5-10cm										
			<i>Anthogorgia sp.</i>	30-40cm										
		60m - 70m	<i>Acanthogorgia sp.</i>	20cm										
			<i>Echinomuricea sp.</i>	10-15cm										
			<i>Euplexaura sp.</i>	10cm										
		80m - 90m	<i>Muricella sp.</i>	10cm										
			<i>Menella sp.</i>	10cm										
		90m - 100m	<i>Acanthogorgia sp.</i>	15cm										
			<i>Anthogorgia sp.</i>	15cm										
		Basalt Island	Shallow T1	10m - 20m					-		<i>Psammocora superficialis</i>	30cm	-	
									<i>Montipora peltiformis</i>	15-20cm				
20m - 30m	<i>Dendronephthya spp.</i>			25cm	<i>Psammocora superficialis</i>	20cm								
					<i>Goniopora stutchburyi</i>	20cm								
					<i>Cyphastrea serailia</i>	20-30cm								
					<i>Plesiastrea versipora</i>	30cm								
30m - 40m	<i>Cladiella sp.</i>			50-60cm	<i>Montipora peltiformis</i>	10cm								
					<i>Plesiastrea versipora</i>	40cm								
					<i>Cyphastrea serailia</i>	30cm								
40m - 50m	-			<i>Cyphastrea serailia</i>	20cm									
	<i>Plesiastrea versipora</i>			20cm										

Site	Transect No.	Transect Distance	Soft Coral		Hard Coral		Black Coral					
			Species	Size	Species	Size	Species	Size				
		50m - 60m	-	-	<i>Montipora peltiformis</i>	40cm						
		90m - 100m	<i>Euplexaura sp.</i>	15cm	<i>Montipora peltiformis</i>	15cm						
					<i>Favites pentagona</i>	30cm						
		Deep T1	10m - 20m	<i>Anthogorgia sp.</i>	10-15cm	-				<i>Antipathes sp.</i>	30cm	
	20m - 30m		<i>Dendronephthya sp.</i>	20cm	<i>Cirripathes sp.</i>		50-80cm					
	30m - 40m		<i>Scleronephthya sp.</i>	10cm	-		<i>Cirripathes sp.</i>	40cm				
			<i>Dendronephthya sp.</i>	20cm								
	40m - 50m		<i>Dendronephthya sp.</i>	30cm	-		-					
	50m - 60m		<i>Viminella sp.</i>	30cm	<i>Antipathes sp.</i>		15cm					
			<i>Muricella sp.</i>	20cm	<i>Cirripathes sp.</i>		60cm					
			<i>Paraplexaura sp.</i>	10cm								
	60m - 70m		<i>Dendronephthya sp.</i>	10cm								
	70m - 80m		<i>Echinomuricea sp.</i>	10cm								
	80m - 90m		<i>Euplexaura sp.</i>	20cm								
			<i>Scleronephthya sp.</i>	10cm								
			<i>Paraplexaura sp.</i>	15cm								
	Note: - no data											

Survey Transects (Locations refer to points sites presented in Figure 5.5)

