



<i>Centropyge flavissima</i>	2			2		1	1				7			
<i>Cetoscarus ocellatus</i>										1				
<i>Cetropyge bicolor</i>				1				2			5			1
<i>Chaetodon baronesa</i>				5								2		
<i>Chaetodon bennetti</i>										1		3		
<i>Chaetodon citrinellus</i>										2		4		
<i>Chaetodon ephippium</i>				1						4		1		
<i>Chaetodon kleinii</i>							1		4		4	2	9	
<i>Chaetodon lunula</i>				1										
<i>Chaetodon lunulatus</i>	1	2								3		1		2
<i>Chaetodon melannotus</i>	2													
<i>Chaetodon plebeius</i>	2		1											
<i>Chaetodon rafflesii</i>			1											
<i>Chaetodon semeion</i>			2			3								
<i>Chaetodon sp.</i>	7	2	7	1	2	3		3	1	2	2	1		4
<i>Chaetodon sp2</i>											4			
<i>Chaetodon speculum</i>							1				1			
<i>Chaetodon unimaculatus</i>								1			1			
<i>Chaetodon vagabundas</i>		2	1			2	2		1		1			1
<i>Charcarhinus amblyrhynchos</i>								2						2
<i>Cheilinus fasciatus</i>								1						1
<i>Chlorurus japanensis</i>										1		2		
<i>Chromis biocellata</i>				1										
<i>Chromis Delta</i>	4	2	2	9		4								5
<i>Chromis iomelas</i>				4				2						
<i>Chromis leucura</i>							2		1		4		2	
<i>Chromis margaritifer</i>				11	3	9	10						2	6
<i>Chromis sp.</i>	1	1	4	2		10		3		1	3	4	1	
<i>Chromis ternatensis</i>											3			
<i>Chromis viridis</i>							16							
<i>Chrysiptera tappau</i>	1		2	1										2
<i>Chrysiptera unimaculata</i>	2			3	2									
<i>Coradion altivelis*</i>				1										
<i>Ctenochaetus binotatus</i>										1				
<i>Ctenochaetus striatus</i>			3											
<i>Dascyllus sp.</i>														12
<i>Dascyllus trimaculatus</i>	4			4										1
<i>Echeneis naucrates</i>													75	
<i>Epinephelus melanostigma</i>														1
<i>Epinephelus sp.</i> (WGMK5@0:52)								1						



<i>Pterocaesio marri</i>								274						
<i>Remora remora</i>													5	
<i>Scarus frenatus</i>	3		4											1
<i>Scarus niger</i>			1											2
<i>Scarus psittacus</i>										2				
<i>Scarus rivulatus</i>												2		
<i>Scarus rubroviolaceus</i>										2				
<i>Scarus sp.</i>			1	1			1			5		12		1
<i>Scarus spinus</i>													1	
<i>Scolopsis bilineatus</i>				3										
<i>Stethojulis bandanensis</i>														
<i>Thalassoma bifasciatum</i>													1	
<i>Thalassoma hardwicke</i>			1		1						1	3	1	
<i>Thalassoma lunare</i>				1				1						2
<i>Thalassoma lutescens</i>												1		
<i>Zanclus cornutus</i>						1		2	3	1		1	5	
<i>Unidentifiable</i>	8	1	8	15	8	32	65	16		6				7

**Table S2. Presence/Absence matrix of fishes observed on each transect.**

Species	Nagigi			Waiqanake					Beqa				AquaTrek	
	T1	T2	T3	T1	T2	T3	T4	T5	T1	T2	T3	T4	T1	T1
<i>Abudefduf sexfasciatus</i>	0	0	0	0	0	1	0	1	1	1	0	1	0	1
<i>Acanthura nigrigauda</i>	0	0	0	1	0	0	0	0	0	1	0	0	0	0
<i>Acanthura sp.</i>	0	0	1	1	1	1	0	0	0	1	0	1	0	1
<i>Acanthurus albipectoralis</i>	0	0	0	1	1	0	0	0	0	0	0	0	0	1
<i>Acanthurus blochii</i>	0	0	0	0	0	0	1	0	1	0	1	0	1	0
<i>Acanthurus lineatus</i>	0	0	1	0	0	1	0	0	0	0	0	0	1	0
<i>Acanthurus nigricans</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Acanthurus nigroris</i>	1	1	1	1	0	1	0	0	0	0	0	0	0	1
<i>Acanthurus pyroferus</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Acanthurus thompsoni</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Amblyglyphidodon aureus</i>	0	0	0	0	1	0	0	0	0	0	0	1	0	1
<i>Anphiprion sp.</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Arothron nigropunctatus</i>	0	1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Arothron nigropunctatus</i>	0	0	0	1	0	0	0	1	0	0	0	0	0	0
<i>Aulostomus chinensis</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Balistoides sp.</i>	0	0	0	0	0	0	1	0	0	0	0	1	0	0
<i>Bodianus mesothorax</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Caesia teres</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Caesio sp.</i>	0	0	0	0	0	0	1	0	0	0	0	0	1	0
<i>Cantherhines dumerilii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Carcharinus leucas</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Carcharinus melanopterus</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Centropyge flavissima</i>	1	0	0	1	0	1	1	0	0	0	1	0	0	0
<i>Cetoscarus ocellatus</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Cetropyge bicolor</i>	0	0	0	1	0	0	0	1	0	0	1	0	0	1
<i>Chaetodon baronesa</i>	0	0	0	1	0	0	0	0	0	0	0	1	0	0
<i>Chaetodon bennetti</i>	0	0	0	0	0	0	0	0	0	1	0	1	0	0
<i>Chaetodon citrinellus</i>	0	0	0	0	0	0	0	0	0	1	0	1	0	0
<i>Chaetodon ephippium</i>	0	0	0	1	0	0	0	0	0	1	0	1	0	0
<i>Chaetodon kleinii</i>	0	0	0	0	0	0	1	0	1	0	1	1	1	0
<i>Chaetodon lunula</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Chaetodon lunulatus</i>	1	1	0	0	0	0	0	0	0	1	0	1	0	1
<i>Chaetodon melannotus</i>	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetodon plebeius</i>	1	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetodon rafflesii</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetodon semeion</i>	0	0	1	0	0	1	0	0	0	0	0	0	0	0
<i>Chaetodon sp.</i>	1	1	1	1	1	1	0	1	1	1	1	1	0	1
<i>Chaetodon sp2</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Chaetodon speculum</i>	0	0	0	0	0	0	1	0	0	0	1	0	0	0
<i>Chaetodon unimaculatus</i>	0	0	0	0	0	0	0	0	1	0	1	0	0	0
<i>Chaetodon vagabundas</i>	0	1	1	0	0	1	1	0	1	0	1	0	0	1
<i>Charcarhinus amblyrhynchos</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	1

<i>Cheilinus fasciatus</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	1
<i>Chlorurus japanensis</i>	0	0	0	0	0	0	0	0	0	1	0	1	0	0
<i>Chromis biocellata</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Chromis Delta</i>	1	1	1	1	0	1	0	0	0	0	0	0	0	1
<i>Chromis iomelas</i>	0	0	0	1	0	0	0	1	0	0	0	0	0	0
<i>Chromis leucura</i>	0	0	0	0	0	0	1	0	1	0	1	0	1	0
<i>Chromis margaritifer</i>	0	0	0	1	1	1	1	0	0	0	0	0	1	1
<i>Chromis sp.</i>	1	1	1	1	0	1	0	1	0	1	1	1	1	0
<i>Chromis ternatensis</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Chromis viridis</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Chrysiptera tappau</i>	1	0	1	1	0	0	0	0	0	0	0	0	0	1
<i>Chrysiptera unimaculata</i>	1	0	0	1	1	0	0	0	0	0	0	0	0	0
<i>Coradion altivelis*</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Ctenochaetus binotatus</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Ctenochaetus striatus</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Dascyllus sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Dascyllus trimaculatus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	1
<i>Echeneis naucrates</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Epinephelus melanostigma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Epinephelus sp. (WGMK5@0:52)</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Fistularia commersonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Forcipiger flavissimas</i>	1	0	1	1	1	1	0	0	1	0	0	1	1	1
<i>Gomphosus varius</i>	0	0	0	0	0	0	1	0	0	0	0	0	1	0
<i>Gymnosarda unicolor</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Halichoeres trimaculatus</i>	1	1	0	0	0	0	0	0	0	1	0	0	0	0
<i>Halichoeres chrysus</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Halichoeres discolor</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Halichoeres sp</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Hemigymnus fasciatus</i>	0	0	0	1	1	0	0	1	0	0	0	0	0	1
<i>Heniochus acuminatus</i>	0	0	0	0	0	1	1	0	0	0	0	0	0	1
<i>Heniochus singularius</i>	0	0	0	0	0	0	0	0	1	0	0	1	0	0
<i>Heniochus sp.</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Heniochus varius</i>	0	0	0	0	0	0	0	1	0	1	0	1	0	0
<i>Hoplolatilus starcki</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Labroides sp3</i>	0	0	0	1	0	0	0	0	0	0	0	0	1	0
<i>Labroides sp4</i>	0	0	0	0	0	0	0	0	0	1	1	1	0	0
<i>Lutjanus fulvus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Lutjanus sp.</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Lutjanus vitta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Luzonichthys sp. Or Psuedanthias sp</i>	0	0	0	0	1	1	0	0	0	0	0	0	0	0
<i>Meiacanthus oualensis</i>	1	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Myripristis Kuntze</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Myripristis sp.</i>	0	0	0	0	0	1	0	1	0	0	0	0	0	1
<i>Nebrius ferrugineus</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<i>Novaculichthys taeniourus</i>	1	1	0	1	0	0	0	1	0	0	0	0	0	0
<i>Odonus niger</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0

<i>Oxycheilinus unifasciatus</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Parupeneus multifasciatus</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Pomacentrus adelus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	1
<i>Pomacentrus callainus/viridis</i>	1	1	1	1	0	0	0	1	0	0	0	0	0	1
<i>Pomacentrus imitator</i>	1	0	0	1	0	0	1	0	0	0	0	0	1	0
<i>Pomacentrus moluccensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Pomacentrus sp.</i>	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pomacentrus tripunctatus</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Pseudanthias pascalus</i>	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Pterocaesio marri</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Remora remora</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Scarus frenatus</i>	1	0	1	0	0	0	0	0	0	0	0	0	0	1
<i>Scarus niger</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	1
<i>Scarus psittacus</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Scarus rivulatus</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Scarus rubroviolaceus</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Scarus sp.</i>	0	0	1	1	0	0	1	0	0	1	0	1	0	1
<i>Scarus spinus</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Scolopsis bilineatus</i>	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Stethojulis bandanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassoma bifasciatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Thalassoma hardwicke</i>	0	0	1	0	1	0	0	0	0	0	1	1	1	0
<i>Thalassoma lunare</i>	0	0	0	1	0	0	0	1	0	0	0	0	0	1
<i>Thalassoma lutescens</i>	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Zanclus cornutus</i>	0	0	0	0	0	1	0	1	1	1	0	1	1	0