

Table S2. List of species captured by light traps and mosquito seine nets during austral warm seasons. The species are organized according to Nelson (2006). Total abundances are reported for each sampling gear as well as the number of successfully barcoded specimens.

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
ELOPIFORMES	MEGALOPIDAE	<i>Megalops cyprinoides</i>	BOLD:AAC4501	2	0	1
ALBULIFORMES	ALBULIDAE	Albulidae sp1 (COLOR)		3	0	
ANGUILLIFORMES	MURAENIDAE	Muraenidae sp2 (COLOR)		7	0	
		Muraenidae sp3 (COLOR)		5	0	
	CONGRIDAE	<i>Ariosoma scheelei</i>	BOLD:AAJ1709	18	2	8
		Congridae [BOLD:ACV7958]	BOLD:ACV7958	3	0	1
		Congridae sp1 (COLOR)		1	0	
		Congridae_gen sp_1HJ		2	0	
		Congridae_gen sp_2HJ		1	0	
CLUPEIFORMES	ENGRAULIDAE	<i>Stolephorus</i> [BOLD:AAG4825]	BOLD:AAG4825	13	1482	2
	CLUPEIDAE	Clupeidae [BOLD:ACV7999]	BOLD:ACV7999*	1130	0	3
		Clupeidae sp3 (COLOR)		21	0	
		Clupeidae [BOLD:ADI4531]	BOLD:ADI4531*	0	123	1
		<i>Herklotsichthys quadrimaculatus</i>	BOLD:AAC2887	2757	789	3
SILURIFORMES 31	PLOTOSIDAE	<i>Plotosus</i> [BOLD:ACF3921]	BOLD:ACF3921**	0	1084	3
AULOPIFORMES 39	SYNODONTIDAE	<i>Saurida</i> [BOLD:AAH0503]	BOLD:AAH0503	0	344	5
		<i>Saurida</i> sp_3HJ		0	30	
		Synodontinae [BOLD:ADO5473]	BOLD:ADO5473*	2	0	1
		<i>Synodus</i> [BOLD:ACD1807]	BOLD:ACD1807	5	0	2
		<i>Synodus</i> [BOLD:AAB5069]	BOLD:AAB5069**	6	23	2
		<i>Trachinocephalus myops</i>	BOLD:ACY8623	12	0	1
		<i>Trachinocephalus</i> [BOLD:AAA9578]	BOLD:AAA9578	1	3	2
		<i>Trachinocephalus</i> [BOLD:ABX6347]	BOLD:ABX6347	5	23	3
ATHERINIFORMES	ATHERINIDAE	<i>Atherinomorus lacunosus</i>	BOLD:ACK7521**	32270	0	2

* New BIN for BOLD

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
ATHERINIFORMES	ATHERINIDAE	<i>Hypoatherina</i> [BOLD:AAL7563]	BOLD:AAL7563	4	0	1
		<i>Hypoatherina</i> [BOLD:ACV9758]	BOLD:ACV9758	4514	0	3
LOPHIIFORMES	ANTENNARIIDAE	<i>Antennarius</i> [BOLD:AAO6018]	BOLD:AAO6018	0	5	3
		<i>Histrio histrio</i>		0	1	
BELONIFORMES	HEMIRAMPHIDAE	<i>Hemiramphus</i> [BOLD:AAC0565]	BOLD:AAC0565**	1	172	4
		<i>Hyporhamphus affinis</i>	BOLD:AAD0579	2	1	3
	BELONIDAE	<i>Tylosurus</i> [BOLD:AAC4148]	BOLD:AAC4148	1	16	5
		<i>Tylosurus</i> sp_1HJ		2	0	
BERYCIFORMES	HOLOCENTRIDAE	<i>Myripristis</i> [BOLD:AAA9764]	BOLD:AAA9764	1	0	1
		<i>Neonippon</i> [BOLD:AAC8278]	BOLD:AAC8278	24	0	4
		<i>Sargocentron</i> [BOLD:AAB3424]	BOLD:AAB3424	18	0	6
		<i>Sargocentron praslin</i>	BOLD:AAC4647**	2	0	1
		<i>Sargocentron punctatissimum</i>		3	0	
SYNGNATHIFORMES	PEGASIDAE	<i>Eurypegasus</i> [BOLD:ADO3945]	BOLD:ADO3945*	0	1	1
	SOLENOSTOMIDAE	<i>Solenostomus cyanopterus</i>	BOLD:ACG8874	0	8	3
	SYNGNATHIDAE	<i>Corythoichthys</i> [BOLD:AAI8860]	BOLD:AAI8860**	457	0	5
		<i>Corythoichthys haematopterus</i>	BOLD:AAF0628	133	11	6
		<i>Hippichthys</i> [BOLD:AAE5342]	BOLD:AAE5342	13	0	4
		<i>Hippichthys</i> sp_1HJ		0	2	
		<i>Hippocampus</i> [BOLD:ADN8353]	BOLD:ADN8353*	0	1	1
		<i>Hippocampus</i> [BOLD:ADO5537]	BOLD:ADO5537*	0	1	1
		<i>Hippocampus camelopardalis</i>	BOLD:AAX0875	3	27	16
		<i>Hippocampus</i> [BOLD:AAE5356]	BOLD:AAE5356	0	2	1
		<i>Hippocampus</i> [BOLD:ACE6993]	BOLD:ACE6993	1	4	4
		<i>Hippocampus</i> sp_10HJ		0	1	
		<i>Hippocampus</i> sp_14HJ		0	1	
		<i>Hippocampus</i> sp_16HJ		1	0	
		<i>Hippocampus</i> sp_17HJ		0	2	
		Syngnathidae [BOLD:ADI1740]	BOLD:ADI1740*	0	96	6
		Syngnathidae sp8 (COLOR)		1	0	

** New BIN for Madagascar

* New BIN for BOLD

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
SYNGNATHIFORMES	SYNGNATHIDAE	Syngnathidae sp9 (COLOR)		14	0	
		Syngnathidae_gen sp_10HJ		0	435	
		Syngnathidae_gen sp_11HJ		0	1	
		Syngnathidae_gen sp_12HJ		3	130	
		Syngnathidae_gen sp_13HJ		1	0	
		Syngnathidae_gen sp_14HJ		3	0	
		Syngnathidae_gen sp_15HJ		0	1	
		Syngnathidae_gen sp_1HJ		1	73	
		Syngnathidae_gen sp_2HJ		0	113	
		<i>Trachyrhamphus</i> [BOLD:ADG5410]	BOLD:ADG5410	0	3	2
SCORPAENIFORMES	AULOSTOMIDAE	<i>Aulostomus chinensis</i>		0	5	
	FISTULARIIDAE	<i>Fistularia commersonii</i>	BOLD:AAB5992	48	929	1
	CENTRISCIDAE	<i>Aeoliscus punctulatus</i>	BOLD:AAD3585	1	765	1
	DACTYLOPTERIDAE	<i>Dactyloptena</i> [BOLD:AAB5966]	BOLD:AAB5966	4	11	5
	SCORPAENIDAE	<i>Dendrochirus</i> [BOLD:AAC9564]	BOLD:AAC9564	2	1	3
		<i>Pterois miles</i>	BOLD:AAB8146**	3	0	2
		<i>Pterois</i> sp_1HJ		0	3	
		<i>Pterois</i> sp_4HJ		0	1	
		Scorpaenidae [BOLD:AAU1214]	BOLD:AAU1214	3	2	3
		Scorpaenidae sp5 (COLOR)		1	0	
		Scorpaenidae sp9 (COLOR)		1	0	
		Scorpaenidae_gen sp_2HJ		5	0	
		<i>Sebastapistes</i> [BOLD:AAC4542]	BOLD:AAC4542	5	10	6
		<i>Sebastapistes</i> [BOLD:AAC4543]	BOLD:AAC4543	49	202	30
	TETRAROGIDAE	<i>Ablabys binotatus</i>	BOLD:AAF8834	0	4	2
		<i>Ablabys taenionotus</i>		0	5	
	SYNANCEIIDAE	<i>Synanceia</i> [BOLD:AAE2821]	BOLD:AAE2821	1	0	1
	PLATYCEPHALIDAE	<i>Papilloculiceps longiceps</i>	BOLD:AAI6160	0	69	12
		Platycephalidae [BOLD:ACY6212]	BOLD:ACY6212	2	55	8
		Platycephalidae_gen sp_3HJ		0	1	
PERCIFORMES	SERRANIDAE	<i>Epinephelus areolatus</i>	BOLD:AAA9822	1	0	1
		<i>Epinephelus</i> [BOLD:AAD1767]	BOLD:AAD1767**	0	1	1

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	SERRANIDAE	<i>Epinephelus</i> [BOLD:ACZ9919]	BOLD:ACZ9919**	0	2	2
		<i>Epinephelus</i> sp_1HJ		0	1	
		<i>Epinephelus</i> sp_3HJ		0	3	
		<i>Plectropomus punctatus</i>	BOLD:AAN4283	9	0	2
	PSEUDOCROMIDAE	<i>Halidesmus</i> [BOLD:AAU1500]	BOLD:AAU1500**	8	0	1
		<i>Pseudochromis madagascariensis</i>	BOLD:AAU3299**	45	0	3
		<i>Pseudochromis</i> [BOLD:ADI5215]	BOLD:ADI5215*	0	40	3
	PLESIOPIDAE	<i>Plesiops</i> [BOLD:AAE4785]	BOLD:AAE4785	171	0	3
	PRIACANTHIDAE	<i>Priacanthus hamrur</i>	BOLD:AAB1643**	0	88	4
		<i>Priacanthus</i> sp_1HJ		2	0	
	APOGONIDAE	<i>Apogon</i> [BOLD:AAF8427]	BOLD:AAF8427	3	0	3
		<i>Apogon</i> [BOLD:ACC5690]	BOLD:ACC5690	28	0	5
		<i>Apogon</i> [BOLD:ACW9154]	BOLD:ACW9154	7	0	3
		<i>Apogon</i> [BOLD:AAJ8751]	BOLD:AAJ8751**	29	0	3
		<i>Apogon</i> [BOLD:AAU1535]	BOLD:AAU1535**	0	22	1
		<i>Apogon</i> [BOLD:AAD2206]	BOLD:AAD2206**	34	0	3
		<i>Apogonichthys ocellatus</i>		1	0	
		<i>Apogonichthys perdix</i>	BOLD:ABU8857	758	21	16
		Apogonidae [BOLD:ACV6948]	BOLD:ACV6948	221	0	17
		Apogonidae [BOLD:ACW8182]	BOLD:ACW8182	2	0	2
		Apogonidae [BOLD:ACY1702]	BOLD:ACY1702	6	0	3
		Apogonidae [BOLD:ADI1552]	BOLD:ADI1552*	0	277	1
		Apogonidae [BOLD:ADN3788]	BOLD:ADN3788*	9	0	1
		Apogonidae [BOLD:ADO4802]	BOLD:ADO4802*	2	0	1
		Apogonidae sp41 (COLOR)		1	0	
		Apogonidae sp43 (COLOR)		1	0	
		Apogonidae_gen sp_1HJ		3	0	
		<i>Cheilodipterus</i> [BOLD:ABU8169]	BOLD:ABU8169	0	185	3
		<i>Foa fo</i>	BOLD:ABU8856	0	289	1

* New BIN for BOLD

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	APOGONIDAE	<i>Fowleria</i> [BOLD:AAD8726]	BOLD:AAD8726**	32	0	9
		<i>Neamia octospina</i>	BOLD:ACY8539	1	0	1
		<i>Nectamia</i> [BOLD:AAL9262]	BOLD:AAL9262**	210	0	9
		<i>Nectamia</i> [BOLD:AAD9453]	BOLD:AAD9453	2	0	2
		<i>Ostorhinchus</i> [BOLD:AAD5600]	BOLD:AAD5600**	1	0	1
		<i>Ostorhinchus</i> [BOLD:AAJ1260]	BOLD:AAJ1260	12	0	3
		<i>Ostorhinchus</i> [BOLD:ACV9601]	BOLD:ACV9601*	34	340	12
		<i>Ostorhinchus angustatus</i>	BOLD:AAD5116**	179	0	2
		<i>Ostorhinchus</i> [BOLD:ACE9301]	BOLD:ACE9301**	14	0	1
		<i>Ostorhinchus</i> [BOLD:AAC2084]	BOLD:AAC2084**	581	45	11
		<i>Ostorhinchus</i> [BOLD:AAD8453]	BOLD:AAD8453	30	0	1
		<i>Ostorhinchus</i> [BOLD:AAD8454]	BOLD:AAD8454**	210	47	5
		<i>Ostorhinchus flagelliferus</i>	BOLD:AAJ1254**	2	0	2
		<i>Ostorhinchus gularis</i>	BOLD:ACS5956	9	0	2
		<i>Pristiapogon</i> [BOLD:AAJ1264]	BOLD:AAJ1264**	1	0	1
		<i>Pristiapogon</i> [BOLD:AAB4082]	BOLD:AAB4082**	5	0	2
		<i>Taeniamia flavofasciata</i>	BOLD:AAU1539**	1	807	4
		<i>Zoramia fragilis</i>	BOLD:AAB8394**	20	6	7
	CARANGIDAE	<i>Alectis ciliaris</i>	BOLD:AAB7827	0	1	1
		<i>Atropus hedlandensis</i>	BOLD:AAD6117	0	1	1
		<i>Atule mate</i>	BOLD:AAB3382**	10	1	3
		<i>Caranx ignobilis</i>	BOLD:AAB0587	2	20	4
		<i>Caranx melampygus</i>	BOLD:AAB0585	0	4	3
		<i>Caranx sexfasciatus</i>	BOLD:AAB0584**	2	1	2
		<i>Ferduaia ferdau</i>	BOLD:AAE7640	1	0	1
		<i>Gnathanodon speciosus</i>	BOLD:AAB7462	1	0	1
		<i>Platyccarx chrysophrys</i>	BOLD:AAB2977	0	1	1
		<i>Tururum coeruleopinnatum</i>	BOLD:AAD2297	0	3	2
		<i>Tururum fulvoguttatum</i>	BOLD:AAC2745	0	6	1

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	CARANGIDAE	<i>Scomberoides lysan</i>	BOLD:AAB0512**	0	10	5
		<i>Scomberoides</i> sp_3HJ		0	1	
		<i>Selar</i> [BOLD:AAB0871]	BOLD:AAB0871**	1	0	1
	LEIOGNATHIDAE	<i>Aurigequula fasciata</i>		1	0	
		<i>Equulites klunzingeri</i>	BOLD:AAC0238**	0	1326	1
		<i>Gazza</i> [BOLD:AAB7096]	BOLD:AAB7096**	0	14	1
	LUTJANIDAE	<i>Lutjanus argentimaculatus</i>	BOLD:AAB2440	1	0	1
		<i>Lutjanus</i> [BOLD:AAA8168]	BOLD:AAA8168	0	3	1
		<i>Lutjanus fulvivflamma</i>	BOLD:ADF5681**	641	33	8
		<i>Lutjanus gibbus</i>	BOLD:AAB3276**	28	127	5
		<i>Lutjanus monostigma</i>	BOLD:AAB2907	1	0	1
		<i>Lutjanus notatus</i>	BOLD:AAF7731	12	373	3
	CAESIONIDAE	<i>Caesio</i> [BOLD:AAB4822]	BOLD:AAB4822**	0	103	1
		<i>Caesio</i> [BOLD:AAB4823]	BOLD:AAB4823**	98	200	7
		<i>Dipterygonotus balteatus</i>	BOLD:AAD3666	3	0	1
	GERREIDAE	<i>Gerres</i> [BOLD:AAC0377]	BOLD:AAC0377**	0	448	1
		<i>Gerres</i> [BOLD:AAE6359]	BOLD:AAE6359	0	3	2
		<i>Gerres</i> [BOLD:AAC1291]	BOLD:AAC1291**	0	1	1
		<i>Gerres oblongus</i>	BOLD:AAE6346	0	2	2
	HAEMULIDAE	<i>Diagramma</i> [BOLD:AAD4477]	BOLD:AAD4477**	0	27	3
		<i>Diagramma labiosum</i>		0	1	
		<i>Plectorhinchus</i> [BOLD:AAF8797]	BOLD:AAF8797**	1	0	1
		<i>Plectorhinchus flavomaculatus</i>	BOLD:AAC4020**	0	19	5
		<i>Plectorhinchus gaterinus</i>	BOLD:AAH9156**	0	718	3
	NEMIPTERIDAE	<i>Scolopsis bimaculata</i>	BOLD:AAD6249**	0	8	3
		<i>Scolopsis ghanam</i>	BOLD:AAC4767**	0	21	3
	LETHRINIDAE	<i>Gymnocranius elongatus</i>	BOLD:AAB5194**	0	3	2
		Lethrinidae [BOLD:ADI4867]	BOLD:ADI4867*	0	148	1

** New BIN for Madagascar

* New BIN for BOLD

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	LETHRINIDAE	<i>Lethrinus</i> [BOLD:AAB0511]	BOLD:AAB0511**	670	1464	43
		<i>Lethrinus</i> [BOLD:AAC1547]	BOLD:AAC1547	0	8	3
		<i>Lethrinus</i> [BOLD:AAC8078]	BOLD:AAC8078	0	224	17
		<i>Lethrinus</i> [BOLD:ADI2486]	BOLD:ADI2486*	0	6	1
		<i>Lethrinus</i> [BOLD:ADN4720]	BOLD:ADN4720*	0	3	1
		<i>Lethrinus</i> [BOLD:ADN9632]	BOLD:ADN9632*	0	1	1
		<i>Lethrinus</i> [BOLD:AAC1521]	BOLD:AAC1521**	18	356	29
		<i>Lethrinus</i> [BOLD:ABZ0131]	BOLD:ABZ0131	6	56	8
		<i>Lethrinus</i> [BOLD:ABY6363]	BOLD:ABY6363**	0	313	12
		<i>Lethrinus mahsena</i>	BOLD:AAB6438**	1138	710	18
		<i>Lethrinus obsoletus</i>	BOLD:AAC1522**	1	0	1
		<i>Lethrinus</i> sp_20HJ		0	10	
		<i>Lethrinus</i> sp_26HJ		0	1	
		<i>Lethrinus</i> sp_27HJ		0	24	
		<i>Lethrinus</i> sp_29HJ		0	2	
		<i>Lethrinus</i> sp_8HJ		0	161	
		<i>Lethrinus</i> sp3 (COLOR)		17	0	
		<i>Lethrinus</i> sp4 (COLOR)		1	0	
		<i>Lethrinus</i> sp5 (COLOR)		4	0	
		<i>Lethrinus xanthochilus</i>	BOLD:AAC1546	0	26	4
	POLYNEMIDAE	<i>Polydactylus malagasyensis</i>	BOLD:AAB7311**	1	0	1
		<i>Polydactylus plebeius</i>	BOLD:AAC6244**	2	0	1
	MULLIDAE	Mullidae [BOLD:ADN0684]	BOLD:ADN0684*	0	5	1
		Mullidae_gen sp_2HJ		0	10	
		<i>Mulloidichthys flavolineatus</i>	BOLD:AAB2592	0	12	2
		<i>Parupeneus</i> [BOLD:AAB2590]	BOLD:AAB2590**	3	470	9
		<i>Parupeneus</i> [BOLD:ADM7122]	BOLD:ADM7122*	0	2	2
		<i>Parupeneus</i> [BOLD:AAB5978]	BOLD:AAB5978	14	68	5

** New BIN for Madagascar

* New BIN for BOLD

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	MULLIDAE	<i>Parupeneus</i> [BOLD:AAB5980]	BOLD:AAB5980**	0	112	5
		<i>Parupeneus cyclostomus</i>	BOLD:AAD1433**	1	0	1
		<i>Parupeneus fraserorum</i>	BOLD:AAF8776**	0	2	2
		<i>Parupeneus indicus</i>	BOLD:AAB0334	0	148	2
		<i>Parupeneus macronemus</i>	BOLD:ACF0223**	7	53	7
		<i>Parupeneus pleurostigma</i>	BOLD:AAD6266	0	26	3
		<i>Parupeneus rubescens</i>	BOLD:AAC1405**	0	536	3
		<i>Upeneus guttatus</i>	BOLD:AAH7551	0	2	1
		<i>Upeneus</i> [BOLD:ACV4665]	BOLD:ACV4665	0	1	1
		<i>Upeneus</i> [BOLD:ABZ7416]	BOLD:ABZ7416**	0	94	2
		<i>Upeneus margarethae</i>	BOLD:AAB9714	0	35	2
		<i>Upeneus moluccensis</i>	BOLD:AAB6469	0	1	1
		<i>Upeneus pori</i>	BOLD:AAC1406	4	1	3
		<i>Upeneus tragula</i>	BOLD:AAB9327**	0	1	1
	PEMPHERIDAE	<i>Parapriacanthus ransonneti</i>	BOLD:AAC7599	152	0	3
		<i>Pempheris ibo</i>	BOLD:AAF8820	17	0	2
		<i>Pempheris</i> [BOLD:AAD1777]	BOLD:AAD1777**	0	42	1
	MONODACTYLIDAE	<i>Monodactylus argenteus</i>	BOLD:AAA9698**	1	0	1
	CORYPHAENIDAE	<i>Coryphaena hippurus</i>	BOLD:AAA5277	1	0	1
	CHAETODONTIDAE	<i>Chaetodon ulietensis</i>	BOLD:AAC8636	1	0	1
		<i>Chaetodon auriga</i>		246	29	
		<i>Chaetodon bennetti</i>	BOLD:ACE8647**	1	0	1
		<i>Chaetodon blackburnii</i>	BOLD:AAE1178	1	0	1
		<i>Chaetodon dolosus</i>		0	1	
		<i>Chaetodon falcula</i>		0	1	
		<i>Chaetodon guttatissimus</i>	BOLD:AAD3872**	1	0	1
		<i>Chaetodon interruptus</i>		1	0	
		<i>Chaetodon kleinii</i>	BOLD:AAC2841**	1	2	2
		<i>Chaetodon lunula</i>		9	1	
		<i>Chaetodon melannotus</i>	BOLD:AAC2848**	7	9	4

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	CHAETODONTIDAE	<i>Chaetodon trifascialis</i>		1	0	
		<i>Chaetodon trifasciatus</i>	BOLD:AAB7102**	8	1	1
		<i>Chaetodon vagabundus</i>	BOLD:AAB3198**	0	5	2
		<i>Chaetodon xanthocephalus</i>	BOLD:AAE1213	4	2	3
		<i>Chaetodon zanzibarensis</i>	BOLD:AAE9260**	2	0	1
		<i>Heniochus acuminatus</i>	BOLD:AAB5716**	0	6	2
		<i>Heniochus diphreutes</i>	BOLD:AAB5717	0	1	1
	POMACANTHIDAE	<i>Centropyge multispinis</i>	BOLD:AAD3135**	2	0	1
		<i>Pomacanthus semicirculatus</i>	BOLD:ACK8181**	23	0	2
	TERAPONTIDAE	<i>Pelates quadrilineatus</i>	BOLD:AAA9700	0	6	1
		<i>Terapon</i> [BOLD:ACV8977]	BOLD:ACV8977	33	0	1
	POMACENTRIDAE	<i>Abudefduf</i> [BOLD:ACK8109]	BOLD:ACK8109**	1	1	2
		<i>Abudefduf sexfasciatus</i>		0	1	
		<i>Abudefduf sparoides</i>		1	0	
		<i>Abudefduf vaigiensis</i>		20	0	
		<i>Amblyglyphidodon indicus</i>	BOLD:ACF1984**	4	0	1
		<i>Amphiprion allardi</i>	BOLD:AAC4980	0	2	1
		<i>Chromis atripectoralis</i>	BOLD:AAB9018**	1	0	1
		<i>Chromis</i> [BOLD:ACF0042]	BOLD:ACF0042**	2	9	2
		<i>Chromis fieldi</i>	BOLD:AAC0458**	1	0	1
		<i>Chromis nigrura</i>	BOLD:AAD5022**	1	0	1
		<i>Chromis ternatensis</i>	BOLD:AAC6972	2	0	1
		<i>Chromis viridis</i>	BOLD:AAB4985**	377	0	6
		<i>Chromis weberi</i>		15	0	
		<i>Chrysiptera annulata</i>	BOLD:AAF2723**	100	134	7
		<i>Chrysiptera brownriggii</i>	BOLD:AAB6234**	3	0	1
		<i>Dascyllus abudafur</i>	BOLD:AAB4091**	14	19	5
		<i>Dascyllus carneus</i>	BOLD:AAD7114	3	0	3
		<i>Dascyllus trimaculatus</i>	BOLD:AAB2685**	296	33	10

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	POMACENTRIDAE	<i>Neopomacentrus sororius</i>	BOLD:AAC8318**	10	0	4
		<i>Neopomacentrus</i> [BOLD:AAI3160]	BOLD:AAI3160	0	79	5
		<i>Plectroglyphidodon</i> [BOLD:AAB6988]	BOLD:AAB6988**	45	0	6
		<i>Plectroglyphidodon dickii</i>		19	0	
		<i>Pomacentrus agassizii</i>		7	0	
		<i>Pomacentrus</i> [BOLD:AAB9539]	BOLD:AAB9539**	8	0	4
		<i>Pomacentrus sulfureus</i>	BOLD:AAD2952**	2	0	1
		<i>Pomacentrus trilineatus</i>	BOLD:AAY3550**	574	71	25
	LABRIDAE	<i>Cheilinus</i> [BOLD:AAB4186]	BOLD:AAB4186	1	70	2
		<i>Cheilio</i> [BOLD:AAA6101]	BOLD:AAA6101**	0	586	1
		<i>Coris caudimacula</i>	BOLD:AAC2101**	0	2	1
		<i>Cymolutes</i> [BOLD:ADM8951]	BOLD:ADM8951	0	1	1
		<i>Cymolutes praetextatus</i>	BOLD:AAF7751	0	147	5
		<i>Cymolutes torquatus</i>	BOLD:AAI9445	0	404	3
		<i>Epibulus insidiator</i>	BOLD:AAB8858**	1	0	1
		<i>Halichoeres</i> [BOLD:AAC7896]	BOLD:AAC7896	0	18	1
		<i>Halichoeres</i> [BOLD:AAF7654]	BOLD:AAF7654	0	2	2
		<i>Halichoeres scapularis</i>	BOLD:AAC0139**	0	110	1
		Labridae [BOLD:ADI3805]	BOLD:ADI3805*	0	3	3
		Labridae [BOLD:ACT0048]	BOLD:ACT0048	0	1	1
		<i>Pteragogus</i> [BOLD:ADI3844]	BOLD:ADI3844	0	1	1
		<i>Novaculoides macrolepidotus</i>	BOLD:AAD8577	0	149	11
		<i>Oxycheilinus</i> [BOLD:AAC3195]	BOLD:AAC3195	0	345	17
		<i>Pteragogus</i> [BOLD:AAV2736]	BOLD:AAV2736**	0	1	1
		<i>Pteragogus</i> [BOLD:AAZ4093]	BOLD:AAZ4093	0	214	5
		<i>Stethojulis</i> [BOLD:AAD4824]	BOLD:AAD4824**	3	6	4
		<i>Stethojulis strigiventer</i>	BOLD:AAE2186**	0	2	2
		<i>Stethojulis</i> [BOLD:ADI2646]	BOLD:ADI2646*	3	13125	1

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	LABRIDAE	<i>Stethojulis interrupta</i>	BOLD:AAC2336**	0	403	4
		<i>Thalassoma lunare</i>	BOLD:AAB0673**	0	1	1
	SCARIDAE	<i>Calotomus spinidens</i>	BOLD:AAD4765	2	3120	18
		Scaridae [BOLD:ABW6983]	BOLD:ABW6983	0	1	1
		Scaridae [BOLD:ADI3252]	BOLD:ADI3252*	0	8	1
		Scaridae_gen sp_10HJ		0	1	
		Scaridae_gen sp_11HJ		0	1	
		Scaridae_gen sp_12HJ		0	6	
		<i>Scarus fuscopurpureus</i>	BOLD:AAD0849	0	2683	12
		<i>Scarus</i> [BOLD:ABY4451]	BOLD:ABY4451	1	1036	5
		<i>Scarus psittacus</i>	BOLD:AAB8901	0	19	3
	TRIPTERYGIIDAE	<i>Enneapterygius</i> [BOLD:AAT9889]	BOLD:AAT9889**	2	0	1
		<i>Enneapterygius</i> [BOLD:ACV9383]	BOLD:ACV9383	20	0	1
		Tripterygiidae sp1 (COLOR)		2	0	
	BLENNIIDAE	<i>Aspidontus dussumieri</i>		1	0	
		<i>Aspidontus</i> sp_1HJ		0	1	
		<i>Aspidontus tractus</i>		2	0	
		<i>Omobranchus</i> [BOLD:ACY8418]	BOLD:ACY8418*	1	0	1
		<i>Petroscirtes</i> [BOLD:AAE6132]	BOLD:AAE6132	0	1	1
		<i>Petroscirtes</i> [BOLD:AAE6131]	BOLD:AAE6131**	304	3191	7
		<i>Plagiotremus rhinorhynchus</i>		1	0	
		<i>Plagiotremus tapeinosoma</i>	BOLD:AAD0784**	0	7	2
		<i>Salarias</i> [BOLD:ACV7965]	BOLD:ACV7965	31	0	4
		<i>Salarias</i> [BOLD:ADN2100]	BOLD:ADN2100	1	0	1
	CALLIONYMIDAE	<i>Callionymus filamentosus</i>	BOLD:ACZ1215	2	0	1
		<i>Diplogrammus infulatus</i>	BOLD:AAN1422	0	239	1
	ELEOTRIDAE	<i>Eleotris</i> [BOLD:ACV7471]	BOLD:ACV7471	1	0	1
	GOBIIDAE	<i>Amblygobius</i> [BOLD:AAB8727]	BOLD:AAB8727	0	148	2
		<i>Amblygobius sphynx</i>	BOLD:AAJ2321	0	573	1
		<i>Asterropteryx</i> [BOLD:AAC0108]	BOLD:AAC0108	6	31	5

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	GOBIIDAE	<i>Bathygobius</i> [BOLD:AAL7906]	BOLD:AAL7906	1	0	1
		<i>Gnatholepis</i> [BOLD:AAI5395]	BOLD:AAI5395	11	1677	3
		Gobiidae [BOLD:ACV9382]	BOLD:ACV9382*	18	0	2
		Gobiidae [BOLD:ADM7236]	BOLD:ADM7236	0	8	1
		Gobiidae [BOLD:ADM8879]	BOLD:ADM8879	0	3	1
		Gobiidae sp3 (COLOR)		1	0	
		Gobiidae sp4 (COLOR)		1	0	
		Gobiidae sp5 (COLOR)		4	0	
		<i>Oplopomus</i> [BOLD:AAI3352]	BOLD:AAI3352	0	4538	5
		<i>Valenciennea</i> [BOLD:AAC4124]	BOLD:AAC4124	1	0	1
		<i>Valenciennea helsdingenii</i>	BOLD:AAD4704**	0	1	1
		<i>Valenciennea sexguttata</i>	BOLD:AAC5611	0	3	3
		<i>Vanderhorstia</i> [BOLD:AAF0288]	BOLD:AAF0288	0	7	1
	MICRODESMIDAE	<i>Gunnellichthys</i> [BOLD:ADM8209]	BOLD:ADM8209*	0	1	1
		<i>Ptereleotris evides</i>	BOLD:AAD9105**	1	0	1
	EPHIPPIDAE	<i>Platax orbicularis</i>	BOLD:AAC6496	0	3	2
		<i>Platax teira</i>	BOLD:AAC5812	0	2	1
	SIGANIDAE	<i>Siganus argenteus</i>	BOLD:AAC6461	1	7	2
		<i>Siganus laqueus</i>	BOLD:AAB2341**	0	42	3
		<i>Siganus sutor</i>	BOLD:AAB6556**	519	14502	2
	ZANCLIDAE	<i>Zanclus cornutus</i>		0	18	
	ACANTHURIDAE	<i>Acanthurus blochii</i>	BOLD:AAF0623	7	0	1
		<i>Acanthurus dussumieri</i>	BOLD:AAE4046	45	62	20
		<i>Acanthurus mata</i>	BOLD:AAE4025	4	366	2
		<i>Acanthurus nigricauda</i>	BOLD:AAB8729	22	107	12
		<i>Acanthurus nigrofuscus</i>		1	0	
		<i>Acanthurus</i> sp_1HJ		3	0	
		<i>Acanthurus triostegus</i>	BOLD:AAA9362**	52	1	5
		<i>Acanthurus xanthopterus</i>	BOLD:AAC6467**	41	5	13

* New BIN for BOLD

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
PERCIFORMES	ACANTHURIDAE	<i>Ctenochaetus binotatus</i>	BOLD:AAB9166	1	0	1
		<i>Ctenochaetus striatus</i>	BOLD:AAB9167**	3	0	1
		<i>Naso annulatus</i>	BOLD:AAD4666	0	1	1
		<i>Naso brevirostris</i>	BOLD:AAC1635	11	640	7
		<i>Naso</i> sp_1HJ		2	0	
		<i>Zebrasoma</i> [BOLD:AAF6311]	BOLD:AAF6311	14	3	1
		<i>Zebrasoma scopas</i>	BOLD:AAB3788**	1	0	1
	NOMEIDAE	<i>Psenes cyanophrys</i>	BOLD:AAE0701	1	0	1
	SPHYRAENIDAE	<i>Sphyraena</i> [BOLD:AAD0400]	BOLD:AAD0400	3	0	2
		<i>Sphyraena</i> [BOLD:ACV9716]	BOLD:ACV9716*	3	1540	4
		<i>Sphyraena barracuda</i>	BOLD:AAA6100	33	0	3
		<i>Sphyraena</i> [BOLD:AAF8900]	BOLD:AAF8900**	0	10	2
PLEURONECTIFORMES BOTHIDAE		Bothidae [BOLD:ADI1616]	BOLD:ADI1616*	0	65	2
		Bothidae [BOLD:ADM7915]	BOLD:ADM7915	0	2	1
		Bothidae sp2 (COLOR)		1	0	
		<i>Bothus pantherinus</i>	BOLD:AAC9155**	20	75	6
		<i>Crossorhombus valderostratus</i>	BOLD:AAF8808**	1	0	1
TETRAODONTIFORMES BALISTIDAE		<i>Balistoides viridescens</i>	BOLD:AAD0474	6	7	3
		<i>Pseudobalistes fuscus</i>	BOLD:ACZ6203	4	0	4
		<i>Rhinecanthus aculeatus</i>	BOLD:AAB6992**	0	2	1
		<i>Sufflamen chrysopteron</i>	BOLD:AAB1339**	5	0	1
	MONACANTHIDAE	<i>Cantherhines pardalis</i>	BOLD:AAB9564**	3	0	2
		<i>Paramonacanthus barnardi</i>		1	0	
		<i>Paramonacanthus frenatus</i>	BOLD:AAI6357	0	200	10
		<i>Paramonacanthus pusillus</i>	BOLD:AAV6227	44	9	1
		<i>Pervagor janthinosoma</i>	BOLD:AAD6159	5	0	1
		<i>Pseudalutarius</i> [BOLD:AAI4531]	BOLD:AAI4531	4	17	4
	OSTRACIIDAE	<i>Lactoria</i> [BOLD:AAF2668]	BOLD:AAF2668	1	63	2
		<i>Lactoria cornuta</i>	BOLD:AAB2988	11	161	5

* New BIN for BOLD

** New BIN for Madagascar

Table S2: (continued)

ORDER_Nelson_2006	FAMILY_Eschmeyer	Genus species	BIN	Light trap	Mosquito seine net	Successfully barcoded
TETRAODONTIFORMES	OSTRACIIDAE	<i>Ostracion cubicus</i>	BOLD:AAC2246**	2	14	4
	TETRAODONTIDAE	<i>Arothron hispidus</i>	BOLD:AAB9202**	34	16	9
		<i>Arothron immaculatus</i>	BOLD:AAD2857	2	0	2
		<i>Arothron stellatus</i>		0	2	
		<i>Canthigaster xanthinoptera</i>	BOLD:ACC1190**	2	0	2
		<i>Canthigaster bennetti</i>	BOLD:AAC6218**	5	0	2
		<i>Canthigaster petersii</i>	BOLD:AAD2222**	7	54	3
		<i>Canthigaster valentini</i>		2	0	
		<i>Lagocephalus</i> [BOLD:AAC5565]	BOLD:AAC5565	0	1	1
		Tetraodontidae sp2 (COLOR)		1	0	
		<i>Torquigener flavimaculosus</i>	BOLD:AAG3690	7	2	2
ACTINOPTERYGII_ord	ACTINOPTERYGII_fam	Actinopterygii [BOLD:ADN1799]	BOLD:ADN1799*	2	0	2

** New BIN for Madagascar

* New BIN for BOLD