

**CSIRO Marine Laboratories
Report 212**

**A Checklist of Fishes
Recorded by the Baitfish
Research Project in
Solomon Islands from
1986 to 1990**

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CSIRO
AUSTRALIA

1991

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CSIRO Division of Fisheries
Marine Laboratories
PO Box 120
Cleveland, Queensland 4163

Abstract

The fish species recorded in Solomon Islands during the CSIRO/ACIAR Baitfish Research Project 1986-1990) are listed. In all, 770 species of 91 families were identified from six areas (Munda, Vona Vona, Kolombangara and Rendova in the Western Province, Tulagi in Central Province and Guadalcanal). Almost all fishes were collected from fringing reef lagoons or mangrove estuaries.

National Library of Australia Cataloguing-in-Publication

Blaber, S. J. M.

A checklist of fishes recorded by the Baitfish Research Project in Solomon Islands from 1986 to 1990.

ISBN 0 643 05034 5.

1. Fishes — Solomon Islands — Geographical distribution.
2. Fishes — Solomon Islands — Identification. I. Milton, D. A. II. Rawlinson, N. J. F. III. CSIRO. Marine Laboratories. IV. Title. (Series : Report (CSIRO. Marine Laboratories) ; no. 212).

597.099593

Introduction

The Solomon Islands are a double chain of islands extending almost 1000 km from the Bismarck Archipelago in the west to the Santa Cruz Islands in the east. They lie to the east of New Guinea between 4–10°S and 154–162°E and form part of the western margin of the Pacific Basin.

From 1986 to 1990 CSIRO Division of Fisheries and Solomon Islands Division of Fisheries conducted a collaborative research program on tuna baitfish, funded by the Australian Centre for International Agricultural Research. This program investigated all aspects of the biology of baitfish relevant to the fishery, the interrelationships between baitfish and other species, and the impact of the baitfishery on artisanal fisheries. The results of the program and further details of the sampling sites, fishes and their interrelationships are described by Blaber and Copland (1990), Blaber et al. (1990), Milton et al. (1990) and Milton and Blaber (in press).

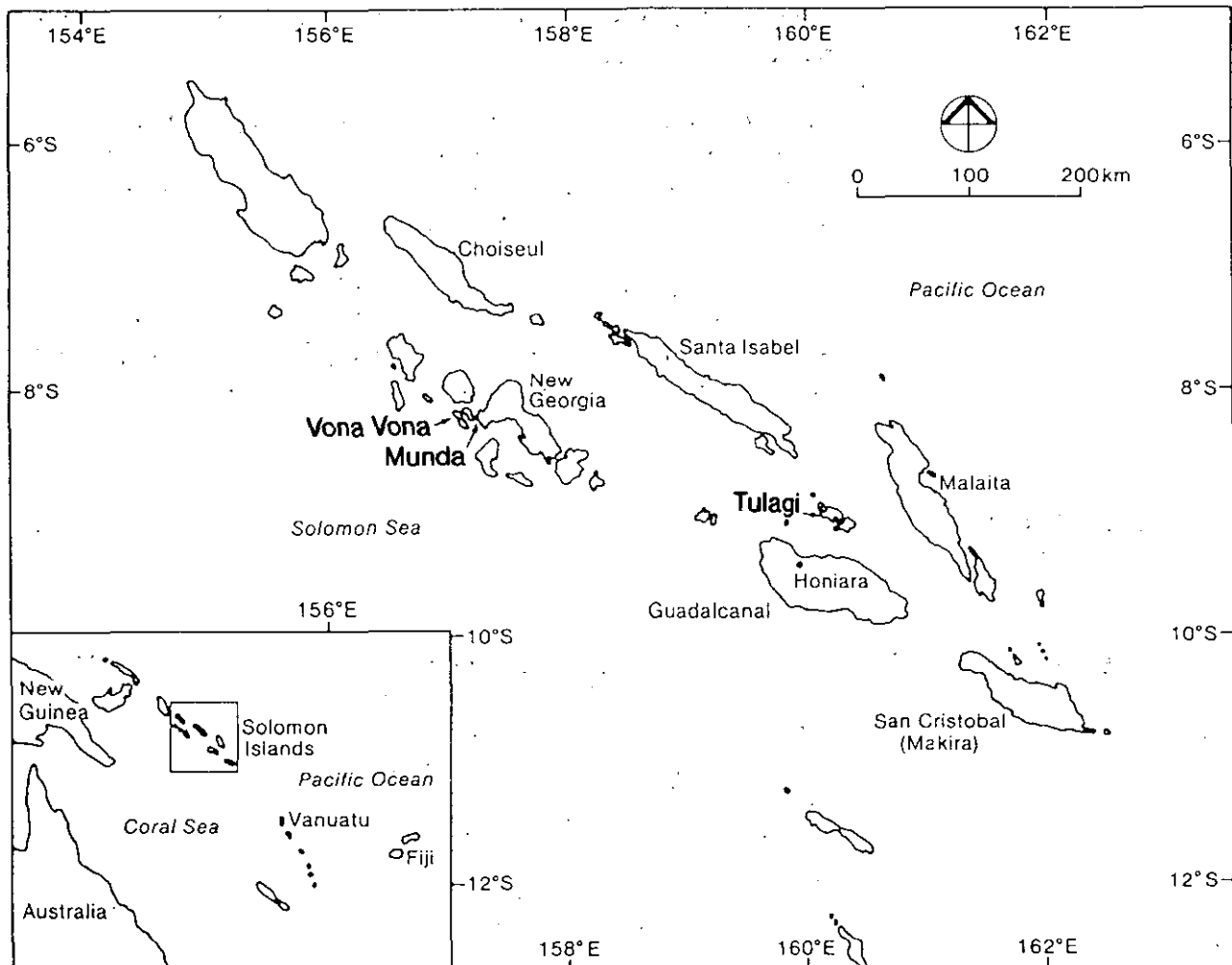


Figure 1. Solomon Islands, and the sampling sites.

During the course of the study large numbers of many species of fish were collected from a variety of sites and habitats. No comprehensive list of the fishes of Solomon Islands exists at present and records are scattered throughout the literature. In the present publication we document all species captured during the Baitfish Research Project. While this checklist is in

no way comprehensive or complete, its compilation may provide the basis for more detailed future work. Only taxa sampled by the project team are included, with the exception of species identified by Dr R. Winterbottom (Royal Ontario Museum) from collections made around Guadalcanal by Paul Nichols of Solomon Islands Fisheries Division. No collections were made from deeper, offshore waters outside lagoons or estuaries, although some market sampling was undertaken in Guadalcanal.

Study Areas

Two major tuna baitfishing grounds — Roviana Lagoon (Munda) and Tulagi Lagoon — were sampled, as well as a lagoon that is not baitfished — Vona Vona (Fig. 1). The physical characteristics of the lagoons are described in detail in Stoddart (1969a, 1969b). Essentially all are shallow (up to 40 m) and semi-enclosed by fringing coral reefs. They contain many small islands, coral reefs and intertidal reef flats and have coral sand substrata interspersed with coral rubble and patches of seagrass.

Thirteen mangrove estuaries in New Georgia, Kolombangara, Rendova and the Florida Group were sampled (Fig. 2). Details of their fish faunas and their physical characteristics are described by Blaber and Milton (1990).

They vary in length and depth, but all are tidal (range 1 m), open into coral reef lagoons and are lined by extensive intertidal stands of mangroves. The mangrove forests around all the estuaries are unexploited and relatively undisturbed; their canopies are between 10 and 20 m high.

Materials and Methods

Tuna baitfish

Sampling was undertaken monthly from March 1987 to May 1989. Fish were collected at night after being attracted to a 1000 W incandescent electric lamp suspended in midwater (10 m). At Munda and Tulagi, baitfish were collected from the commercial fishery, which uses a large, finemesh net (Bouke-Ami) to surround the fish, and then dims the light to aggregate them before lifting the net to the surface. At Vona Vona, fish were collected with a similar (but smaller) net, operated from fibreglass dinghies. A wide variety of non-target species, mainly juveniles, were also collected from the Bouke-Ami nets (Rawlinson, 1990).

Lagoon fishes

The fish fauna of relevance to the subsistence fishery was investigated at Munda, Vona Vona and Tulagi from six sources:

1. Gill nets of 50, 75, 100, 125 and 150 mm stretch mesh were deployed for two to three weeks in April 1987, July

1987, January 1988 and August 1988. As catches were very low at Tulagi this site was not sampled after April 1987.

2. The catches from fishing competitions (see below).
3. The catches of subsistence drive-in netting operations were monitored.
4. The catches of subsistence fish-poisoning sessions (kwarao) were monitored.
5. Larger species caught incidentally by tuna baitfishers were retained.
6. Rotenone sampling of isolated patch reefs to a depth of 10 m at Munda and Vona Vona.

The species composition of the subsistence fishery was estimated by conducting fishing competitions at Munda and Vona Vona (Blaber et al., 1990). This method was chosen in preference to trying to monitor the catches of the many villages scattered beside the lagoons. The competitions were designed to minimise the bias inherent in different fishing methods. Advance publicity and separate prizes for the three common traditional methods of fishing (droplining, spearfishing and trolling) and for men, women and children, ensured a wide spread of fishing effort and encouraged the use of most commonly practised techniques. Competitions were held at Munda in July 1987, January 1988 and August 1988, and at Vona Vona in January and August 1988. Each person's catch was sorted, the species identified and weighed and the method of fishing recorded.

The collections made by Mr P. Nichols from Guadalcanal were from fringing reef areas. Fish were captured to a depth of 30 m by divers using rotenone. Limited market sampling of deeper water fishes was undertaken in Guadalcanal.

Mangrove fishes

Sampling took place during five three-week expeditions from 1986 to 1988. Large, mobile species in open water areas were collected in the lower reaches of the larger estuaries (Lady Lever, Ringgi Cove, Mbareke, Ondongo, Lembu and Ha'a), using a fleet of monofilament gill nets of 50, 75, 100, 125 and 150 mm stretch mesh. A 70 m x 2 m x 20 mm bar mesh seine net was only used in the open waters of Mbareke, Ondongo and Sambira estuaries, which have sufficient open shoreline for hauling out. Each seine haul covered 572 m².

Most of the smaller fish were collected by isolating stretches of estuary and areas of mangrove intertidal with fine mesh netting and killing the fish with rotenone. The shallow nature of the estuaries and relatively clear water ensured that very few rotenoned fish were overlooked by the team of collectors.

Rotenone samples could not be collected from Mbareke, Ondongo or Lembu estuaries due to the size of the estuaries or lack of suitable isolation sites.

The fish from the gill nets were identified, measured (standard length) and weighed in the field, but all seine and rotenone samples were preserved entire in 4% formaldehyde and identified, measured and weighed in the laboratory.

Species identification

All fish were identified from specialist taxonomic keys. Where difficulties were encountered, specimens were sent to appropriate taxonomic authorities. A few species remain unidentified or undescribed.

Checklist of Species

A total of 774 species of 91 Families were recorded. These are listed alphabetically by Family in the Checklist. The largest Families were Gobiidae (75 species), Apogonidae (46 species), Pomacentridae (44 species), Serranidae (36 species) Labridae (33 species) and Carangidae (32 species). Most sampling took place at Munda and Vona Vona from which 384 and 321 species are listed respectively. More limited sampling was undertaken at Tulagi (133 species), Kolombangara (87 species) and Rendova (39 species).

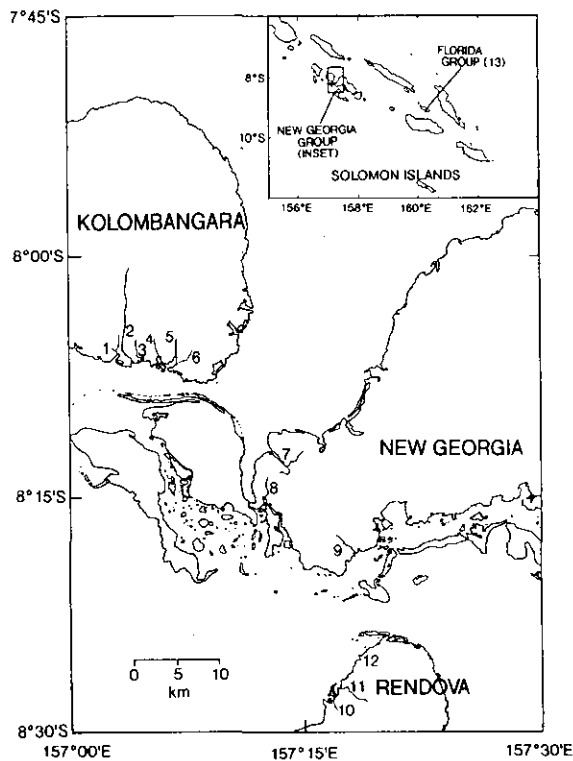


Figure 2.
Estuaries sampled in Solomon Islands:
1. Dulo, 2. Sambira, 3. Niupilesi, 4. Lady Lever, 5. Ringgi Cove One, 6. Ringgi Cove Two, 7. Lembu, 8. Ondongo, 9. Mbareke, 10. Tivu, 11. Poko, 12. Kenela, 13. Ha'a

Checklist of Species from Solomon Islands

M = Munda	V = Vona Vona
T = Tulagi	G = Guadalcanal
K = Kolombangara	R = Rendova
x = recorded	- = not recorded

Family	Species	M	V	T	G	K	R
Acanthuridae							
	<i>Acanthurus bariene</i> Lesson, 1830	x	-	-	-	-	-
	<i>Acanthurus lineatus</i> (L., 1758)	x	-	-	-	-	-
	<i>Acanthurus nigricans</i> L., 1758	x	x	x	-	-	-
	<i>Acanthurus triostegus</i> (L., 1758)	x	-	-	-	-	-
	<i>Acanthurus xanthopterus</i> Val., 1835	-	x	-	-	-	-
	<i>Ctenochaetus binotatus</i> Randall, 1955	-	-	-	x	-	-
	<i>Ctenochaetus striatus</i> (Q. & G., 1825)	x	-	-	-	-	-
	<i>Ctenochaetus strigosus</i> (Bennett, 1828)	x	x	-	-	-	-
	<i>Naso brevirostris</i> (Val., 1835)	x	-	-	-	-	-
	<i>Naso lituratus</i> (Schneider, 1801)	x	-	-	-	-	-
	<i>Naso ulamingii</i> (Val., 1835)	x	-	-	-	-	-
	<i>Zebrasoma veliferum</i> (Bloch, 1797)	x	-	-	-	-	-
Albulidae							
	<i>Albula vulpes</i> (L., 1758)	x	x	-	-	-	-
Ambassidae							
	<i>Ambassis commersoni</i> (C. & V., 1828)	x	x	-	-	-	-
	<i>Ambassis nalua</i> (Hamilton-Buchanan, 1822)	x	-	x	-	x	x
Antennariidae							
	<i>Antennarius coccineus</i> (Lesson, 1831)	-	-	-	x	-	-
	<i>Antennarius nummifer</i> (Cuv., 1817)	x	-	-	-	-	-
Apogonidae							
	<i>Apogon amboinensis</i> Bleeker, 1853	-	-	-	-	x	x
	<i>Apogon angustatus</i> (Smith & Radcliffe, 1911)	x	-	-	-	-	-
	<i>Apogon coccineus</i> Ruppell, 1838	-	x	-	x	-	-
	<i>Apogon compressus</i> (Smith & Radcliffe, 1911)	x	-	-	x	-	-
	<i>Apogon crassiceps</i> Garman, 1903	-	-	-	x	-	-
	<i>Apogon cyanosoma</i> Bleeker, 1853	-	-	-	x	-	-
	<i>Apogon erythrinus</i> Snyder, 1904	x	-	-	-	-	-
	<i>Apogon exostigma</i> (Jordan & Starks, 1906)	x	-	-	x	-	-
	<i>Apogon fraenatus</i> Val., 1832	x	x	x	x	-	-
	<i>Apogon fragilis</i> Smith, 1961	x	-	x	-	-	-
	<i>Apogon guamensis</i> Val., 1832	x	x	-	-	-	-
	<i>Apogon hyalosoma</i> Bleeker, 1853	-	-	-	-	x	x
	<i>Apogon hallopterus</i> Bleeker, 1856	x	x	-	x	-	-
	<i>Apogon lateralis</i> Val., 1832	x	x	-	-	x	x
	<i>Apogon leptacanthus</i> Bleeker, 1856	x	x	-	-	-	-
	<i>Apogon melas</i> Bleeker, 1848	x	-	-	-	-	-
	<i>Apogon multilineatus</i> (Bleeker, 1865)	-	-	-	x	-	-
	<i>Apogon nigrofasciatus</i> Lachner, 1953	-	-	-	x	-	-
	<i>Apogon novemfasciatus</i> (C. & V., 1828)	x	-	-	-	-	-
	<i>Apogon sangiensis</i> Bleeker, 1857	x	x	-	-	-	-

<i>Apogon savayensis</i> Gunther, 1871	-	-	-	x	-	-
<i>Apogon semiornatus</i> Peters, 1876	x	-	-	-	-	-
<i>Apogon septemstriatus</i> Gunther, 1880	-	x	-	-	-	-
<i>Apogon trimaculatus</i> C. & V., 1828	-	x	-	-	-	-
<i>Archamia biguttata</i> Lachner, 1951	-	-	-	x	-	-
<i>Archamia buroensis</i> (Bleeker, 1856)	-	-	-	-	x	-
<i>Archamia fucata</i> (Cantor, 1850)	x	-	-	-	-	-
<i>Archamia lineolata</i> (Ehrenberg, 1828)	x	x	x	x	-	-
<i>Archamia zosterophora</i> (Bleeker, 1856)	x	x	x	-	-	-
<i>Cheilodipterus isostigma</i> Schultz, 1940	x	x	x	x	-	-
<i>Cheilodipterus lachneri</i> Klausewitz, 1959	x	-	-	x	-	-
<i>Cheilodipterus macrodon</i> (Lacepede, 1802)	x	-	-	-	-	-
<i>Cheilodipterus quinquelineatus</i> Cuv., 1828	x	x	-	x	-	-
<i>Cheilodipterus zonatus</i> Smith & Radcliffe, 1912	x	-	-	-	-	-
<i>Fowleria abocellata</i> Goren & Karplus, 1980	x	-	-	-	-	-
<i>Fowleria marmorata</i> (Alleyne & Macleay, 1877)	x	x	x	-	-	-
<i>Fowleria punctulata</i> (Ruppell, 1838)	x	x	-	-	x	x
<i>Pseudamia gelatinosa</i> Smith, 1955	-	x	x	-	-	x
<i>Pseudamia hayashii</i> Randall, Lachner & Fraser, 1985	-	x	-	-	-	-
<i>Pseudamia polystigma</i> (Bleeker, 1859)	x	-	-	-	-	-
<i>Rhabdamia cypselurus</i> Weber, 1909	x	x	x	x	-	-
<i>Rhabdamia gracilis</i> (Bleeker, 1856)	-	-	x	-	-	-
<i>Rhabdamia</i> sp. cf <i>cypselurus</i> Weber, 1909	-	-	x	-	-	-
<i>Siphamia tubulata</i> (Weber, 1909)	x	x	-	-	-	-
<i>Siphamia versicolor</i> (Smith & Radcliffe, 1911)	x	-	-	-	-	-
<i>Sphaeramia nematoptera</i> (Bleeker, 1856)	-	x	-	-	-	-
<i>Sphaeramia orbicularis</i> (Kuhl & Von Hasselt, 1828)	x	x	x	-	-	x
Ariommatidae						
<i>Ariomma indicum</i> (Day, 1870)	x	-	-	-	-	-
Atherinidae						
<i>Atherinomorus duodecimalis</i> (Val., 1835)	x	-	-	-	-	-
<i>Atherinomorus endrachiensis</i> (Q. & G., 1824)	x	x	x	-	-	x
<i>Atherinomorus lacunosus</i> (Forster, 1801)	-	-	x	-	-	-
<i>Hypoatherina barnesi</i> Schultz, 1953	-	-	x	-	-	-
<i>Hypoatherina ovalaua</i> (Herre, 1935)	-	x	x	-	-	-
<i>Hypoatherina temminckii</i> (Bleeker, 1853)	-	x	x	-	-	-
<i>Hypoatherina valencienni</i> (Bleeker, 1853)	-	-	x	-	-	-
<i>Stenatherina panatela</i> (Jordan & Richardson, 1908)	-	-	x	x	-	-
Balistidae						
<i>Abalistes stellatus</i> (Lacepede, 1798)	x	-	-	-	-	-
<i>Balistapus undulatus</i> (Mungo Park, 1797)	x	x	-	-	-	-
<i>Balistoides viridescens</i> (Bloch & Schneider, 1801)	x	x	-	-	-	-
<i>Canthidermis maculatus</i> (Bloch, 1786)	-	-	x	-	-	-
<i>Pseudobalistes flavimarginatus</i> (Ruppell, 1829)	x	x	-	-	-	x
<i>Pseudobalistes fuscus</i> (Bloch & Schneider, 1801)	-	x	-	-	-	-
<i>Rhinecanthus aculeatus</i> (L., 1758)	x	-	-	-	-	-
<i>Rhinecanthus verrucosus</i> (L., 1758)	x	x	x	-	-	x
<i>Sufflamen chrysopterus</i> (Bloch & Schneider, 1801)	-	x	-	-	-	-
<i>Sufflamen fraenatus</i> (Latrielle, 1804)	x	x	-	-	-	-
Belonidae						
<i>Strongylura incisa</i> (Val., 1846)	-	x	-	-	-	-
<i>Strongylura leiura</i> (Bleeker, 1851)	x	-	-	-	-	-
<i>Strongylura urvilli</i> (Val., 1846)	-	-	x	-	-	-
<i>Tylosurus acus</i> (Lacepede, 1803)	x	x	x	-	-	-
<i>Tylosurus crocodilus</i> (Peron & Lesueur, 1821)	x	x	x	-	-	-
<i>Tylosurus punctulatus</i> (Gunther, 1872)	x	x	-	-	-	-

Blenniidae

<i>Ecsenius bicolor</i> (Day, 1888)	-	-	-	x	-	-
<i>Ecsenius lividinalis</i> Chapman & Schultz, 1952	-	x	-	-	-	-
<i>Ecsenius namiyei</i> (Jordan & Evermann, 1902)	-	-	-	x	-	-
<i>Ecsenius prooculis</i> Chapman & Schultz, 1952	-	x	-	x	-	-
<i>Ecsenius trilineatus</i> Springer, 1972	x	-	-	-	-	-
<i>Ecsenius yaeyamaensis</i> (Aoyagi, 1954)	-	-	-	x	-	-
<i>Laiphognathus multimaculatus</i> Smith, 1955	x	-	-	-	-	-
<i>Meiacanthus grammistes</i> (Val., 1836)	-	x	-	-	x	x
<i>Nannosalarius nativitatus</i> (Regan, 1909)	x	-	-	-	-	-
<i>Omobranchus rotundiceps obliquus</i> (Garman, 1903)	-	-	x	-	-	-
<i>Omox biporos</i> Springer, 1972	-	-	x	-	-	-
<i>Petroacirtea variabilis</i> Cantor, 1850	x	-	-	-	-	-
<i>Plagiotremus rhinorhynchus</i> (Bleeker, 1853)	-	-	-	x	-	-
<i>Salarias ceramensis</i> (Bleeker, 1852)	x	-	-	-	-	-
<i>Salarias</i> sp.	x	x	-	x	-	-

Bothidae

<i>Asterorhombus intermedius</i> (Bleeker, 1866)	-	-	-	x	-	-
<i>Bothus pantherinus</i> (Ruppell, 1830)	-	x	-	-	-	-
<i>Engyprosoon</i> sp.	-	-	x	-	-	-
<i>Pseudorhombus arsius</i> (Hamilton-Buchanan, 1822)	-	-	x	-	-	-

Bregmacerotidae

<i>Bregmaceros nectabanus</i> Whitley, 1941	-	x	x	-	-	-
<i>Bregmaceros rarisquamosus</i> Munro, 1950	-	-	x	-	-	-

Bythitidae

<i>Brosomphyciops pautzkei</i> Schultz, 1960	-	-	-	x	-	-
<i>Dinematichthys ilucoetoides</i> Bleeker, 1855	-	-	-	x	-	-
<i>Dinematichthys</i> sp.	x	x	-	-	-	-

Caesionidae

<i>Caesio caeruleaureus</i> Lacepede, 1801	x	x	x	-	-	-
<i>Caesio cuning</i> (Bloch, 1791)	-	-	x	-	-	-
<i>Dipterygonotus balteatus</i> (Val., 1830)	x	x	x	-	-	-
<i>Gymnocaesio gymnopterus</i> (Bleeker, 1856)	x	x	x	x	-	-
<i>Pterocaesio chrysozona</i> (Cuv., 1830)	x	-	-	x	-	-
<i>Pterocaesio diagramma</i> (Bleeker, 1865)	x	-	x	-	-	-
<i>Pterocaesio pisang</i> (Bleeker, 1853)	x	x	x	-	-	-
<i>Pterocaesio tile</i> (Cuv., 1830)	x	x	-	-	-	-

Callionymidae

<i>Callionymus delicatulus</i> Smith, 1963	-	-	-	x	-	-
<i>Callionymus enneactis</i> Bleeker, 1879	-	x	-	-	-	-
<i>Callionymus japonicus</i> Houttuyn, 1782	-	x	-	-	-	-
<i>Callionymus mortonensis</i> Johnson, 1971	-	x	-	-	-	-
<i>Synchiropus splendidus</i> (Herre, 1927)	-	x	-	-	-	-

Carangidae

<i>Alectis ciliaris</i> (Bloch, 1787)	-	x	-	-	-	-
<i>Alepes melanoptera</i> Swainson, 1839	-	x	-	-	-	-
<i>Alepes vari</i> (Cuv., 1833)	x	-	-	-	-	-
<i>Atule mate</i> (Cuv., 1833)	x	x	x	-	-	-
<i>Carangoides bajad</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Carangoides caeruleopinnatus</i> (Ruppell, 1830)	-	x	-	-	-	-
<i>Carangoides chrysofrys</i> (Cuv., 1833)	x	-	-	-	-	-
<i>Carangoides ferdau</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Carangoides fulvoguttatus</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Carangoides hedlandensis</i> (Whitley, 1934)	x	x	x	-	-	-
<i>Carangoides oblongus</i> (Cuv., 1833)	x	x	-	-	-	-
<i>Carangoides plagiotænia</i> Bleeker, 1857	x	x	x	-	-	-
<i>Caranx ignobilis</i> (Forsskal, 1775)	x	x	-	-	-	-

<i>Caranx lugubris</i> Poey, 1860	-	-	-	x	-	-
<i>Caranx melampygus</i> Cuv., 1833	x	x	x	-	-	-
<i>Caranx papuensis</i> Alleyne & Macleay, 1877	x	x	x	-	x	x
<i>Caranx sexfasciatus</i> Q. & G., 1825	x	x	-	x	x	x
<i>Caranx tille</i> Cuv., 1833	-	x	-	-	-	-
<i>Decapterus macrosoma</i> Bleeker, 1851	-	-	x	-	-	-
<i>Elagatis bipinnulatus</i> (Q. & G., 1825)	x	-	-	-	-	-
<i>Gnathanodon speciosus</i> (Forsskal, 1775)	x	x	x	-	-	-
<i>Megalaspis cordyla</i> (L., 1758)	x	-	-	-	-	-
<i>Scomberoides commersonianus</i> Lacepede, 1801	x	x	-	-	x	-
<i>Scomberoides lysan</i> (Forsskal, 1775)	x	x	x	-	x	-
<i>Scomberoides tala</i> (Cuv., 1832)	x	-	-	-	-	-
<i>Scomberoides tol</i> (Cuv., 1832)	x	x	-	-	-	-
<i>Selar boops</i> (Cuv., 1833)	x	x	x	x	-	-
<i>Selar crumenophthalmus</i> (Bloch, 1793)	-	-	x	-	-	-
<i>Selaroides leptolepis</i> (Kuhl & Von Hasselt, 1833)	x	x	x	-	-	-
<i>Trachinotus blochii</i> (Lacepede, 1801)	-	-	x	-	-	-
<i>Ulua mentalis</i> (Cuv., 1833)	-	x	-	-	-	-
<i>Uraspis uraspis</i> (Gunther, 1860)	x	-	-	-	-	-
Carcharhinidae						
<i>Carcharhinus amblyrhynchos</i> (Bleeker, 1856)	x	x	x	-	-	-
<i>Carcharhinus cautus</i> (Whitley, 1945)	x	x	-	-	-	-
<i>Carcharhinus limbatus</i> (Val., 1839)	x	x	-	-	-	-
<i>Carcharhinus melanopterus</i> (Q. & G., 1824)	x	x	x	-	-	-
<i>Carcharhinus sorrah</i> (Val., 1839)	x	x	-	-	-	-
<i>Negaprion acutidens</i> (Ruppell, 1837)	x	x	-	-	-	-
<i>Rhizoprionodon acutus</i> (Ruppell, 1837)	-	-	x	-	-	-
<i>Triaenodon obesus</i> (Ruppell, 1837)	-	x	x	-	-	-
Centriscidae						
<i>Aeoliscus strigatus</i> (Gunther, 1861)	x	x	-	-	-	-
Chaetodontidae						
<i>Chaetodon auriga</i> Forsskal, 1775	x	x	-	-	-	-
<i>Chaetodon baronessa</i> Cuv., 1831	x	-	-	-	-	-
<i>Chaetodon ephippium</i> Cuv., 1831	x	x	-	-	-	-
<i>Chaetodon octofasciatus</i> Bloch, 1787	-	x	-	-	-	-
<i>Chaetodon rafflesi</i> Bennett, 1830	-	x	-	-	-	-
<i>Chaetodon reticulatus</i> Cuv. 1831	-	-	-	x	-	-
<i>Chaetodon trifasciatus</i> Mungo Park, 1797	x	x	-	-	-	-
<i>Chelmon rostratus</i> (L., 1758)	-	x	-	-	-	-
<i>Heniochus chrysostomus</i> Cuv., 1831	x	-	-	x	-	-
<i>Heniochus varius</i> (Cuv., 1829)	x	x	-	-	-	-
Champsodontidae						
<i>Champsodon</i> sp.	-	x	-	-	-	-
Chanidae						
<i>Chanos chanos</i> (Forsskal, 1775)	x	x	x	-	-	-
Chirocentridae						
<i>Chirocentrus dorab</i> (Forsskal, 1775)	x	x	x	-	-	-
Cirrhitidae						
<i>Cirrhitichthys aprinus</i> (Cuv., 1829)	x	-	-	-	-	-
<i>Paracirrhites arcatus</i> (Cuv., 1829)	x	-	-	-	-	-
<i>Paracirrhites forsteri</i> (Schneider, 1801)	x	-	-	-	-	-
Clupeidae						
<i>Amblygaster clupeoides</i> Bleeker, 1849	-	x	x	-	-	-
<i>Amblygaster sirm</i> (Walbaum, 1792)	x	x	-	x	-	-
<i>Anodontostoma chacunda</i> (Hamilton-Buchanan, 1822)	x	x	x	-	x	-

<i>Dussumieria acuta</i> Val., 1874	-	-	-	x	-	-
<i>Dussumieria</i> sp. A (of Lewis et al., 1983)	x	x	x	-	-	-
<i>Herklotsichthys quadrimaculatus</i> (Ruppell, 1837)	x	x	x	-	-	-
<i>Herklotsichthys</i> sp.	x	x	x	-	-	-
<i>Pellona ditchela</i> Val., 1847	x	x	x	x	-	-
<i>Sardinella melanura</i> (Cuv., 1829)	-	x	x	-	-	-
<i>Spratelloides lewisi</i> Wongratana, 1983	x	x	-	x	-	-
<i>Spratelloides delicatulus</i> (Bennett, 1832)	x	x	x	x	-	-
<i>Spratelloides gracilis</i> (Schlegel, 1846)	x	-	-	x	-	-
Congridae						
<i>Conger cinereus</i> Ruppell, 1828	-	x	-	-	-	-
Creediidae						
<i>Limnichthys</i> sp. cf <i>nitidus</i> Smith, 1958	-	-	-	x	-	-
Cynoglossidae						
<i>Cynoglossus kopsi</i> (Bleeker, 1851)	-	-	-	-	x	-
Dasyatidae						
<i>Amphotistius kuhlii</i> (Muller & Henle, 1841)	-	x	-	-	-	-
<i>Dasyatis sephen</i> (Forsskal, 1775)	-	x	-	-	-	-
Diodontidae						
<i>Diodon liturosus</i> Shaw, 1804	-	-	-	x	-	-
Echeneididae						
<i>Echeneis naucrates</i> L., 1758	x	x	x	-	-	-
Eleotridae						
<i>Bostrychus sinensis</i> (Lacepede, 1802)	-	-	x	-	x	-
<i>Butis amboinensis</i> (Bleeker, 1853)	-	-	-	-	x	-
<i>Butis butis</i> (Hamilton-Buchanan, 1822)	-	-	x	-	-	x
<i>Eleotris acanthopoma</i> Bleeker, 1853	-	-	-	-	x	-
<i>Eleotris fusca</i> (Bloch & Schneider, 1801)	-	-	-	x	-	-
<i>Eleotris melanosoma</i> Bleeker, 1852	-	-	-	-	x	-
<i>Ophiocara porocephala</i> (Val., 1837)	-	x	-	-	x	x
Engraulididae						
<i>Encrasicholina devisi</i> (Whitley, 1940)	x	x	x	x	-	-
<i>Encrasicholina heteroloba</i> (Ruppell, 1837)	x	x	x	x	-	-
<i>Encrasicholina punctifer</i> Fowler, 1938	-	-	-	x	-	-
<i>Stolephorus indicus</i> Von Hasselt, 1823	x	-	-	x	-	-
<i>Stolephorus insularis</i> Hardenberg, 1933	x	-	-	-	-	-
<i>Stolephorus pacificus</i> Baldwin, 1983	-	-	x	-	x	-
<i>Stolephorus waitei</i> Jordan & Seale, 1926	-	-	-	x	-	-
<i>Thryssa balaema</i> (Forsskal, 1775)	x	x	x	x	-	-
Ephippidae						
<i>Platax orbicularis</i> (Forsskal, 1775)	x	-	x	-	-	-
<i>Platax teira</i> (Forsskal, 1775)	x	-	x	-	-	-
Exocoetidae						
(unidentified fry)	-	-	x	-	-	-
Fistulariidae						
<i>Fistularia commersonii</i> Ruppell, 1838	x	-	-	-	-	-
<i>Fistularia</i> sp.(unidentified fry)	-	-	x	-	-	-
Gerreidae						
<i>Gerres abbreviatus</i> Bleeker, 1850	x	x	-	-	-	-
<i>Gerres acinaces</i> Bleeker, 1854	x	x	-	-	-	-
<i>Gerres argyreus</i> (Bloch & Schneider, 1801)	x	x	-	-	-	-

<i>Gerres filamentosus</i> Cuv., 1829	x	x	x	-	x	-
<i>Gerres oblongus</i> Cuv., 1830	x	-	-	-	-	-
<i>Gerres oyena</i> (Forsskal, 1775)	x	x	x	-	-	-
<i>Gerres poieti</i> (Cuv., 1830)	-	x	x	-	x	-
Gobiesocidae						
<i>Lepadichthys lineatus</i> Briggs, 1966	-	x	-	x	-	-
Gobiidae						
<i>Acentrogobius janthinopterus</i> (Bleeker, 1852)	-	-	-	-	x	-
<i>Acentrogobius suluensis</i> (Herre, 1927)	-	-	-	-	-	x
<i>Amblyeleotris guttata</i> (Fowler, 1938)	x	-	-	-	-	-
<i>Amblygobius decussatus</i> (Bleeker, 1855)	x	-	-	-	-	-
<i>Amblygobius esakiae</i> Herre, 1939	-	x	-	-	-	-
<i>Amblygobius linki</i> Herre, 1927	-	-	x	-	x	-
<i>Amblygobius nocturnus</i> (Herre, 1945)	-	x	-	-	-	-
<i>Amblygobius phaelena</i> (Val., 1837)	-	x	-	-	-	-
<i>Amblygobius</i> sp.	-	x	-	-	-	-
<i>Amoya moloanus</i> (Herre, 1927)	-	-	-	-	x	-
<i>Amoya</i> sp. cf <i>moloanus</i> (Herre, 1927)	-	-	x	-	-	-
<i>Asterropteryx ensiferus</i> (Bleeker, 1874)	x	x	-	-	-	-
<i>Asterropteryx semipunctatus</i> Ruppell, 1828	-	x	-	-	-	-
<i>Asterropteryx</i> sp. 3	x	-	-	-	-	-
<i>Awaos ocellaris</i> (Broussonet, 1782)	-	-	-	x	-	-
<i>Bathygobius cyclopterus</i> (Val., 1837)	x	-	-	-	-	-
<i>Bathygobius fuscus</i> (Ruppell, 1830)	-	x	-	-	-	-
<i>Brachyamblyopus</i> sp.	-	-	-	-	x	-
<i>Callogobius maculipinnis</i> (Fowler, 1918)	x	-	-	-	-	-
<i>Callogobius sclateri</i> (Steindachner, 1880)	x	-	-	-	-	-
<i>Callogobius</i> sp. 16 ?	-	x	-	-	x	-
<i>Callogobius</i> sp. 7	x	-	-	-	-	-
<i>Cristatogobius lophius</i> Herre, 1927	-	-	-	-	x	-
<i>Ctenogobius aurocingulus</i> (Herre, 1935)	x	x	-	-	-	-
<i>Ctenogobius pomastictus</i> Lubbock & Polunin, 1977	-	x	-	-	-	-
<i>Drombus</i> sp. 10	-	-	-	-	x	x
<i>Drombus</i> sp. 7	-	-	-	-	x	-
<i>Eviota distigma</i> Jordan & Seale, 1906	x	-	-	-	-	-
<i>Eviota lachdeberi</i> Giltay, 1933	-	x	-	-	-	-
<i>Eviota melasma</i> Lachner & Karnella, 1980	x	-	-	-	-	-
<i>Eviota nigriventris</i> Giltay, 1933	-	x	-	-	-	-
<i>Eviota prasites</i> Jordan & Seale, 1906	x	x	-	-	-	-
<i>Eviota queenalandica</i> Whitley, 1932	x	-	-	-	-	-
<i>Eviota</i> sp.	x	-	-	-	-	-
<i>Eviota</i> sp. cf <i>afelei</i> Jordan & Seale, 1906	-	x	-	-	-	-
<i>Exyrias belissimus</i> (Smith, 1959)	x	-	-	-	-	-
<i>Exyrias puntang</i> (Bleeker, 1851)	-	-	-	-	x	-
<i>Fusigobius signipinnis</i> Hoese & Obika, 1988	x	-	-	-	-	-
<i>Fusigobius</i> sp. 9	x	-	-	-	-	-
<i>Glossogobius biocellatus</i> (Val., 1837)	-	-	-	-	x	x
<i>Glossogobius circumspectus</i> (Macleay, 1883)	-	-	-	-	x	-
<i>Gnatholepis deltoides</i> (Seale, 1901)	-	x	-	-	-	-
<i>Gnatholepis</i> sp.	x	-	-	-	-	-
<i>Gobiodon albofasciatus</i> Sawada & Arai, 1972	-	x	-	-	-	-
<i>Gobiodon</i> sp.	x	-	-	-	-	-
<i>Gobiodon</i> sp. cf <i>citrinus</i> (Ruppell, 1835)	-	x	-	-	-	-
<i>Gobiodon</i> sp. 3	-	x	-	-	-	-
<i>Gobiodon unicolor</i> (Castelnau, 1873)	-	x	-	-	-	-
<i>Gobiopsis augustifrons</i> Lachner & McKinney, 1978	x	-	-	-	-	-
<i>Istigobius decoratus</i> (Herre, 1927)	x	-	-	-	-	-
<i>Lophogobius bleekeri</i> Popta, 1921	-	-	-	-	x	-
<i>Luposicya lupus</i> Smith 1959	-	-	x	-	-	-
<i>Macrodonogobius wilburi</i> Herre, 1936	x	-	-	-	-	-
<i>Mangarinus</i> sp.	-	-	-	-	x	-

<i>Oligolepis acutipennis</i> (Val., 1837)	-	-	-	-	x	-
<i>Oligolepis stomias</i> (Smith, 1941)	-	-	-	-	x	-
<i>Oplomops atherinoides</i> (Peters, 1855)	-	x	-	-	-	-
<i>Oxyurichthys tentacularis</i> (Val., 1837)	-	-	x	-	x	-
<i>Pandaka</i> sp.	-	-	-	-	x	-
<i>Parioglossus formosus</i> (Smith, 1931)	x	-	-	-	-	-
<i>Periophthalmus kalolo</i> Lesson, 1830	-	x	x	-	x	-
<i>Priolepis inhaca</i> (Smith, 1949)	-	x	-	-	-	-
<i>Priolepis nuchifasciatus</i> (Gunther, 1873)	-	x	-	-	-	-
<i>Pseudogobius</i> sp.	-	-	-	-	x	-
<i>Ptereleotris evides</i> (Jordan & Hubbs, 1925)	x	-	-	-	-	-
<i>Redigobius balteatus</i> (Herre, 1835)	-	-	x	-	x	-
<i>Sicyopterus macrostetholepis</i> (Bleeker, 1853)	-	-	-	x	-	-
<i>Trimma</i> sp.	x	-	-	-	-	-
<i>Trimma</i> sp.. 2	-	x	-	-	-	-
<i>Trimma striata</i> (Herre, 1945)	x	-	-	-	-	-
<i>Valenciennes muralis</i> (Val., 1837)	-	x	-	-	-	-
<i>Valenciennes strigatus</i> (Broussonet, 1782)	x	-	-	-	-	-
<i>Xenisthmus polyzonatus</i> (Klunzinger, 1871)	-	x	-	-	-	-
<i>Yongeichthys criniger</i> (Val., 1837)	-	-	x	-	-	-
cf. <i>Cryptocentrus</i>	-	-	-	-	-	x
Grammistidae						
<i>Grammistes sexlineatus</i> (Thunberg, 1792)	x	-	-	-	-	-
Haemulidae						
<i>Diagramma punctatum</i> Cuv., 1830	-	x	-	-	-	-
<i>Plectorhinchus chaetodontoides</i> (Lacepede, 1800)	x	-	-	-	-	-
<i>Plectorhinchus gibbosus</i> (Lacepede, 1802)	-	x	-	-	-	-
<i>Plectorhinchus orientalis</i> (Bloch, 1793)	x	x	-	-	-	-
<i>Plectorhinchus schotaf</i> (Forsskal, 1775)	x	x	x	-	-	-
Harpadontidae						
<i>Saurida gracilis</i> Q. & G., 1824	x	x	x	x	-	-
<i>Saurida tumbil</i> (Bloch, 1795)	-	-	x	-	-	-
Hemiramphidae						
<i>Hemiramphus far</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Hyporhamphus quoyi</i> (Val., 1847)	x	x	-	-	-	-
<i>Zenarchopterus buffonis</i> (Val., 1847)	-	-	x	-	x	x
<i>Zenarchopterus diapar</i> (Val., 1847)	-	-	-	-	x	x
<i>Zenarchopterus dunckeri</i> Mohr, 1926	x	x	x	-	-	x
Holocentridae						
<i>Myripristis adusta</i> (Bleeker, 1853)	x	x	-	x	-	-
<i>Myripristis hexagonus</i> (Lacepede, 1802)	-	-	-	x	-	-
<i>Myripristis kuntee</i> Val., 1831	x	-	-	x	-	-
<i>Myripristis murdjan</i> (Forsskal, 1775)	x	x	x	x	-	-
<i>Myripristis pralinia</i> Cuv., 1829	-	-	-	x	-	-
<i>Myripristis violacea</i> Bleeker, 1851	x	x	-	x	-	-
<i>Neoniphon argenteus</i> (Val., 1831)	x	x	-	-	-	-
<i>Neoniphon opercularis</i> (Val., 1831)	x	x	-	-	-	-
<i>Neoniphon sammara</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Sargocentron caudimaculatum</i> (Ruppell, 1838)	-	-	-	x	-	-
<i>Sargocentron cornutum</i> (Bleeker, 1853)	-	x	-	-	-	-
<i>Sargocentron diadema</i> (Lacepede, 1802)	x	-	-	-	x	-
<i>Sargocentron punctatissimum</i> (Cuv., 1829)	x	-	-	-	-	-
<i>Sargocentron rubrum</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Sargocentron spiniferum</i> (Forsskal, 1775)	x	x	x	-	-	-
<i>Sargocentron tieroides</i> (Bleeker, 1853)	-	-	-	x	-	-
<i>Sargocentron violaceum</i> (Bleeker, 1853)	x	-	-	x	-	-

Kyphosidae

<i>Kyphosus cinerascens</i> (Forsskal, 1775)	x	x	-	-	x	-
<i>Kyphosus lembus</i> (Cuv., 1831)	-	x	-	-	-	-
<i>Kyphosus vaigiensis</i> (Q. & G., 1825)	x	x	-	-	-	-

Labridae

<i>Anampses caeruleopunctatus</i> Ruppell, 1829	-	x	-	-	-	-
<i>Bodianus diana</i> (Lacepede, 1801)	-	-	-	x	-	-
<i>Bodianus mesothorax</i> (Bloch & Schneider, 1801)	x	-	-	x	-	-
<i>Cheilinus chlorourus</i> (Bloch, 1791)	x	x	-	-	-	-
<i>Cheilinus diagrammus</i> (Lacepede, 1801)	x	-	-	x	-	-
<i>Cheilinus fasciatus</i> (Bloch, 1791)	x	x	-	-	-	-
<i>Cheilinus trilobatus</i> Lacepede, 1801	x	-	-	-	-	-
<i>Cheilinus undulatus</i> Ruppell, 1835	x	x	-	-	-	-
<i>Cheilio inermis</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Choerodon anchorago</i> (Bloch, 1791)	x	x	-	-	-	-
<i>Cirrhilabrus cyanopleura</i> (Bleeker, 1851)	-	-	-	x	-	-
<i>Cirrhilabrus exquisitus</i> Smith, 1957	x	-	-	-	-	-
<i>Epibulus insidiator</i> (Pallas, 1770)	x	x	-	x	-	-
<i>Halichoeres argus</i> (Bloch & Schneider, 1801)	x	x	-	-	-	-
<i>Halichoeres chloropterus</i> (Bloch, 1791)	x	x	-	-	-	-
<i>Halichoeres hoeveni</i> (Bleeker, 1851)	x	x	-	x	-	-
<i>Halichoeres hortulanus</i> (Lacepede, 1801)	x	-	-	-	-	-
<i>Halichoeres leparensis</i> Bleeker, 1862	x	-	-	-	-	-
<i>Halichoeres marginatus</i> Ruppell 1835	-	-	-	x	-	-
<i>Halichoeres prosopeion</i> (Bleeker, 1853)	-	-	-	x	-	-
<i>Halichoeres scapularis</i> (Bennett, 1831)	x	-	-	-	-	-
<i>Halichoeres zeylonicus</i> (Bennett, 1832)	-	x	-	-	-	-
<i>Hemigymnus melapterus</i> (Bloch, 1791)	x	-	-	-	-	-
<i>Labroides dimidiatus</i> (Val 1839)	x	-	-	x	-	-
<i>Novalichthys taeniourus</i> (Lacepede, 1801)	x	-	-	-	-	-
<i>Paracheilinus carpentari</i> Randall & Lubbock, 1981	-	-	-	x	-	-
<i>Paracheilinus filamentosus</i> Allen, 1974	x	-	-	x	-	-
<i>Pseudocheilinus evanidus</i> Jenkins, 1901	-	-	-	x	-	-
<i>Pseudocheilinus hexataenia</i> (Bleeker, 1857)	-	-	-	x	-	-
<i>Pseudodax moluccanus</i> (Val., 1839)	-	x	-	-	-	-
<i>Stethojulis interrupta</i> (Bleeker, 1851)	x	-	-	-	-	-
<i>Stethojulis strigiventer</i> (Bennett, 1832)	-	x	-	-	-	-
<i>Stethojulis trilineata</i> (Bloch & Schneider, 1801)	x	-	-	-	-	-
<i>Thalassoma hardwicke</i> (Bennett, 1828)	x	-	-	-	-	-
<i>Thalassoma lunare</i> (L., 1758)	x	x	-	x	-	-
<i>Wetmorella nigropinnata</i> (Seale, 1901)	-	-	-	x	-	-

Lactariidae

<i>Lactarius lactarius</i> (Bloch & Schneider, 1801)	x	x	x	-	x	-
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Leiognathidae

<i>Gazza minuta</i> (Bloch, 1797)	x	x	x	x	x	-
<i>Leiognathus berbis</i> (Val., 1835)	-	x	x	-	-	-
<i>Leiognathus bindus</i> (Val., 1835)	x	x	x	x	-	-
<i>Leiognathus equulus</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Leiognathus fasciatus</i> (Lacepede, 1803)	x	-	-	-	x	x
<i>Leiognathus rapsoni</i> Munro, 1964	-	x	-	-	-	-
<i>Leiognathus</i> sp.(of Jones 1985)	x	x	-	-	-	-
<i>Leiognathus splendens</i> (Cuv., 1829)	-	-	x	-	x	-
<i>Secutor insidiator</i> (Bloch, 1787)	x	x	x	x	-	-

Lethrinidae

<i>Gnathodentex aurolineatus</i> (Lacepede, 1802)	-	-	-	x	-	-
<i>Gymnocranius robinsoni</i> (Gilchrist & Thompson, 1908)	-	-	-	x	-	-
<i>Lethrinus elongatus</i> Val., 1830	x	x	-	-	-	-
<i>Lethrinus harak</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Lethrinus hypselopterus</i> Bleeker, 1873	x	x	-	-	-	-

<i>Lethrinus kallopterus</i> Bleeker, 1856	x	x	-	-	-	-
<i>Lethrinus lentjan</i> (Lacepede, 1802)	x	x	-	-	-	-
<i>Lethrinus mahsena</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Lethrinus nebulosus</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Lethrinus ornatus</i> Val., 1830	x	-	-	-	-	-
<i>Lethrinus ramak</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Lethrinus rubrioperculatus</i> Sato, 1978	x	-	-	-	-	-
<i>Lethrinus semicinctus</i> Val., 1830	x	x	-	-	-	-
<i>Lethrinus variegatus</i> Ehrenberg, 1830	x	x	-	x	-	-
<i>Lethrinus xanthochilus</i> Klunzinger, 1870	x	x	-	-	-	-
<i>Monotaxis grandoculis</i> (Forsskal, 1775)	x	x	-	x	-	-
<i>Wattsia mossambica</i> (Smith, 1957)	-	-	-	x	-	-
Lutjanidae						
<i>Aphareus rutilans</i> Cuv., 1830	x	-	-	x	-	-
<i>Aprion virescens</i> Val., 1830	x	-	-	-	-	-
<i>Lutjanus araentimaculatus</i> (Forsskal 1775)	x	x	x	-	x	x
<i>Lutjanus biauttatus</i> (Val., 1830)	x	x	-	-	-	-
<i>Lutjanus bohar</i> (Forsskal, 1775)	x	x	-	x	-	-
<i>Lutjanus carponotatus</i> (Richardson, 1842)	x	x	-	-	-	-
<i>Lutjanus ehrenbergi</i> (Peters, 1869)	x	x	-	-	-	-
<i>Lutjanus fulviflamma</i> (Forsskal, 1775)	-	-	x	-	x	-
<i>Lutjanus fulvua</i> (Schneider, 1801)	x	x	-	-	x	x
<i>Lutjanus aibbus</i> (Forsskal, 1775)	x	x	x	-	-	-
<i>Lutjanus quilcheri</i> Fourmanoir, 1959	x	x	-	-	-	-
<i>Lutjanus johnii</i> (Bloch, 1792)	x	x	-	-	-	-
<i>Lutjanus kasmira</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Lutjanus lunulatus</i> (Park, 1797)	x	-	-	-	-	-
<i>Lutjanus lutjanus</i> Bloch, 1790	x	-	-	-	-	-
<i>Lutjanus malabaricus</i> Schneider, 1801	-	-	-	x	-	-
<i>Lutjanus maxweberi</i> Popta, 1921	-	-	-	-	x	x
<i>Lutjanus monostigma</i> (Cuv., 1828)	x	x	-	-	-	-
<i>Lutjanus quinquelineatus</i> Bloch, 1790	x	x	-	-	-	-
<i>Lutjanus rivulatus</i> (Cuv., 1828)	x	-	-	-	x	-
<i>Lutjanus russelli</i> (Bleeker, 1849)	x	x	x	-	x	x
<i>Lutjanus aemincinctus</i> Q. & G., 1824	x	x	-	-	-	-
<i>Lutjanus vitta</i> (Q. & G., 1824)	x	-	-	x	-	-
<i>Macolor macularis</i> Fowler, 1931	x	-	-	-	-	-
<i>Macolor niger</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Paracaesio kusakarii</i> Abe, 1960	-	-	-	x	-	-
<i>Pristipomoides flavipinnis</i> Shinohara, 1963	-	-	-	x	-	-
<i>Pristipomoides multidentis</i> (Day, 1870)	-	-	-	x	-	-
<i>Pristipomoides zonatus</i> (Val., 1830)	-	-	-	x	-	-
<i>Symphoricichthys spilurus</i> (Gunther, 1874)	x	x	-	-	-	-
Monacanthidae						
<i>Acreichthys tomentosus</i> (L., 1758)	x	x	-	-	-	-
<i>Aluterus scriptus</i> (Osbeck, 1765)	x	-	x	-	-	-
<i>Cantherines pardalis</i> (Ruppell, 1837)	-	-	x	-	-	-
<i>Pervagor nigrolineatus</i> (Herre, 1927)	-	x	-	-	-	-
<i>Pseudomonacanthus macrurus</i> (Bleeker, 1857)	x	-	-	-	x	-
Monodactylidae						
<i>Monodactylus argenteus</i> (L., 1758)	x	-	-	-	x	-
Moringuidae						
<i>Moringua microchir</i> Bleeker, 1853	x	-	-	-	-	-
Mugilidae						
<i>Liza melinoptera</i> (Val., 1836)	x	-	-	-	-	-
<i>Liza subviridis</i> (Val., 1836)	x	-	-	-	x	x
<i>Liza vaigiensis</i> (Q. & G., 1824)	x	x	x	-	x	-

<i>Valamugil engeli</i> (Bleeker, 1858)	-	x	-	-	-	-
<i>Valamugil seheli</i> (Forsskal, 1775)	x	x	x	-	x	x
Mugiloididae						
<i>Parapercis cylindrica</i> (Bloch, 1797)	-	x	-	-	-	-
Mullidae						
<i>Mulloides flavolineatus</i> (Lacepede, 1801)	x	x	x	-	x	x
<i>Parupeneus barberinoides</i> (Bleeker, 1852)	x	-	-	-	-	-
<i>Parupeneus barberinus</i> (Lacepede, 1801)	x	x	-	-	x	-
<i>Parupeneus bifasciatus</i> (Lacepede 1801)	x	x	-	-	-	-
<i>Parupeneus cyclostomus</i> (Lacepede, 1801)	x	-	-	-	-	-
<i>Parupeneus rubescens</i> (Lacepede 1801)	x	-	-	-	-	-
<i>Upeneus arge</i> Jordan & Evermann, 1903	x	x	-	-	-	-
<i>Upeneus tragula</i> Richardson, 1846	-	x	-	-	x	x
<i>Upeneus vittatus</i> (Forsskal, 1775)	x	-	-	-	-	-
Muraenidae						
<i>Echidna rhodochilus</i> (Bleeker, 1854)	-	-	-	-	x	-
<i>Gymnothorax buroensis</i> (Bleeker, 1857)	x	-	-	-	-	-
<i>Gymnothorax flavimarginatus</i> (Ruppell, 1830)	x	-	-	-	-	-
<i>Gymnothorax meleagris</i> (Shaw & Nodder, 1795)	-	x	-	-	-	-
<i>Gymnothorax richardsoni</i> (Bleeker, 1852)	x	-	-	-	-	-
<i>Gymnothorax undulatus</i> (Lacepede, 1803)	x	-	-	-	-	-
<i>Gymnothorax zonipectis</i> Seale, 1906	-	-	-	x	-	-
<i>Uropterygius marmoratus</i> (Lacepede, 1803)	x	-	-	-	-	-
Nemipteridae						
<i>Nemipterus celebicus</i> (Bleeker, 1854)	x	x	-	-	-	-
<i>Nemipterus furcosus</i> (Val., 1830)	x	-	-	-	-	-
<i>Nemipterus hexodon</i> (Q. & G., 1824)	x	-	x	-	-	-
<i>Nemipterus peronii</i> (Val., 1830)	x	-	-	-	-	-
<i>Pentapodus caninus</i> (Cuv., 1830)	x	-	-	-	-	-
<i>Pentapodus setosus</i> (C. & V., 1830)	x	x	-	-	-	-
<i>Scolopsis ciliatus</i> (Lacepede, 1802)	x	-	-	-	-	-
<i>Scolopsis lineatus</i> Q. & G., 1824	x	-	-	x	-	-
<i>Scolopsis margaritifer</i> (Cuv., 1830)	x	x	-	-	-	-
<i>Scolopsis temporalis</i> (Cuv., 1830)	x	x	-	-	-	-
<i>Scolopsis trilineatus</i> Kner, 1868	x	x	x	-	-	-
<i>Scolopsis xenochrous</i> Gunther, 1872	x	x	-	-	-	-
Ophichthidae						
<i>Leiuranus semicinctus</i> (Lay & Bennett, 1839)	x	-	-	-	-	-
<i>Muraenichthys macropterus</i> Bleeker, 1857	x	x	-	-	-	-
<i>Muraenichthys</i> sp.	-	-	-	-	x	-
<i>Myrichthys colubrinus</i> (Boddaert, 1871)	x	-	-	-	-	-
cf. <i>Myxomyrophis</i>	-	x	-	-	x	-
cf. <i>Ophichthus</i>	-	x	-	-	-	-
Ophidiidae						
<i>Brotula multibarбата</i> Temminck & Schlegel, 1847	x	-	-	x	-	-
Orectolobidae						
<i>Nebrius concolor</i> Ruppell, 1837	-	x	-	-	-	-
Ostraciidae						
<i>Lactoria cornuta</i> (L., 1758)	-	x	-	-	-	-
<i>Ostracion cubicus</i> L., 1758	x	-	-	-	-	-
Pempherididae						
<i>Parapriacanthus ransonneti</i> Steindachner, 1870	-	-	-	x	-	-
<i>Pempheris sasakii</i> (Jordan & Hubba, 1925)	-	-	-	x	-	-

Pholidichthyidae*Pholidichthys leucotaenia* Bleeker, 1856

- - - x - -

Platycephalidae*Cociella crocodila* (Tilesius, 1812)

- x - - - -

Cymbacephalus nematophthalmus (Gunther, 1860)

x x - - - -

Platycephalus endrachtensis Q. & G., 1825

- - x - - -

Suggrundus bosschei (Bleeker, 1860)

- x - - - -

Plesiopidae*Plesiops corallicola* Bleeker, 1853

- - - x - -

Pleuronectidae*Samariscus triocellatus* Woods, 1966

x - - - - -

Plotosidae*Plotosus lineatus* (Thunberg, 1791)

- - - x - -

Pomacanthidae*Centropyge bicolor* (Bloch, 1787)

x - - - - -

Centropyge nox (Bleeker, 1853)

x - - - - -

Centropyge vrolichi (Bleeker, 1853)

- - - x - -

Chaetodontoplus mesoleucas (Bloch, 1787)

x x - - - -

Pomacanthus imperator (Bloch, 1787)

- x - - - -

Pomacanthus sexstriatus (Kuhl & Von Hasselt, 1831)

- x - - - -

Pygoplites diacanthus (Boddaert, 1772)

x - - - - -

Pomacentridae*Abudefduf lorenzi* Hensley & Allen, 1977

- x - - - -

Abudefduf septemfasciatus (Cuv., 1830)

x - x - - -

Acanthochromis polyacanthus (Bleeker, 1855)

- - - x - -

Amblyglyphidodon aureus (Val., 1830)

- - - x - -

Amblyglyphidodon leucogaster (Bleeker, 1847)

- x - x - -

Amphiprion percula (Lacepede, 1802)

- x - - - -

Chromis amboinensis (Bleeker, 1873)

x - - x - -

Chromis atripes Fowler & Bean, 1928

x - - - - -

Chromis elerae Fowler & Bean, 1928

- - - x - -

Chromis lineata Fowler & Bean, 1928

x - - - - -

Chromis margaritifer Fowler, 1946

x - - x - -

Chromis retrofasciata Weber, 1913

- - - x - -

Chromis ternatensis (Bleeker, 1856)

- - - x - -

Chromis viridis (Cuv., 1830)

x x - - - -

Chromis xanchochir (Bleeker, 1863)

- - - x - -

Chrysiptera cyanea (Q. & G., 1824)

x x - - - -

Chrysiptera hemicyanea (Weber, 1913)

x - - - - -

Chrysiptera oxycephala (Bleeker, 1876)

- x - - - -

Chrysiptera rex (Snyder, 1909)

x - - - - -

Chrysiptera rollandi (Whitley, 1961)

x x - x - -

Chrysiptera talboti (Allen, 1975)

- - - x - -

Dascyllus melanurus Bleeker, 1854

x x - - - -

Dascyllus reticulatus (Richardson, 1846)

- - x x - -

Dascyllus trimaculatus (Ruppell, 1828)

x - - x - -

Dischistodus perspicillitus (Cuv., 1830)

- x - - - -

Hemiglyphidodon plagiometapon (Bleeker, 1852)

- x - - - -

Neopomacentrus anabatoides (Bleeker, 1847)

- x - - - -

Neopomacentrus azyron (Bleeker, 1877)

x - - x - -

Neopomacentrus cyanomos (Bleeker, 1856)

- - - x - -

Neopomacentrus taeniurus (Bleeker, 1856)

- - x - x x

Neopomacentrus violascens (Bleeker, 1848)

- x - - - -

Paraglyphidodon nigroris (Cuv., 1830)

- - - x - -

Pomacentrus adelus (Allen in ms)

- x - - - -

Pomacentrus albimaculus Allen, 1975

- x - - - -

Pomacentrus amboinensis Bleeker, 1868

x - - x - -

<i>Pomacentrus bankanensis</i> Bleeker, 1853	x	-	-	-	-	-
<i>Pomacentrus brachialis</i> Cuv., 1830	-	-	-	x	x	x
<i>Pomacentrus burroughi</i> Fowler, 1918	-	x	-	-	-	-
<i>Pomacentrus molluccensis</i> Bleeker, 1853	-	x	-	-	-	-
<i>Pomacentrus pavo</i> (Bloch, 1787)	-	x	-	-	-	-
<i>Pomacentrus popei</i> Jordan & Seale, 1907	x	-	-	x	-	-
<i>Pomacentrus reidi</i> Fowler & Bean, 1928	-	-	-	x	-	-
<i>Pomacentrus smithi</i> Fowler & Bean, 1928	-	x	-	-	-	-
<i>Pomacentrus taeniometapon</i> Bleeker, 1852	x	-	-	-	-	-
<i>Pomacentrus tripunctatus</i> Cuv., 1830	-	-	x	-	x	x
<i>Premnas biaculeatus</i> (Bloch, 1790)	x	x	-	-	-	-
<i>Stegastes nigricans</i> (Lacepede, 1803)	x	-	-	-	x	-
Priacanthidae						
<i>Heteropriacanthus cruentatus</i> (Lacepede, 1801)	-	-	-	x	-	-
Pseudochromidae						
<i>Chlidichthys sargenti</i>	-	-	-	x	-	-
<i>Chlidichthys</i> sp.	-	-	-	x	-	-
<i>Pseudochromis bitaeniatus</i> (Fowler, 1931)	-	-	-	x	-	-
<i>Pseudochromis fuscus</i> Muller & Troschel, 1849	x	x	-	-	-	-
<i>Pseudochromis paccagnelli</i> Axelrod, 1973	-	-	-	x	-	-
<i>Pseudochromis xanthochir</i> Bleeker, 1855	-	-	-	x	-	-
<i>Pseudoplesiops rosae</i> Schultz, 1943	-	-	-	x	-	-
Pseudogrammatidae						
<i>Pseudogramma polyacanthus</i> (Bleeker, 1856)	x	-	-	x	-	-
Rachycentridae						
<i>Rachycentron canadum</i> (L., 1766)	-	x	-	-	-	-
Scaridae						
<i>Bolbometapon muricatum</i> (Val., 1840)	-	x	-	-	-	-
<i>Cetoscarus bicolor</i> (Ruppell, 1829)	-	x	-	-	-	-
<i>Hipposcarus longiceps</i> (Val., 1840)	x	-	-	-	-	-
<i>Scarus bleekeri</i> (de Beaufort, 1940)	x	-	-	-	-	-
<i>Scarus chameleon</i> Choat & Randall, 1886	x	-	-	-	-	-
<i>Scarus dimidiatus</i> Bleeker, 1859	x	-	-	-	-	-
<i>Scarus ghobban</i> Forsskal, 1775	x	x	-	-	x	-
<i>Scarus globiceps</i> Val., 1840	x	-	-	-	-	-
<i>Scarus sordidus</i> Forsskal, 1775	-	x	-	-	-	-
<i>Scarus spinus</i> Kner, 1868	x	x	-	-	-	-
Scatophagidae						
<i>Scatophagus argus</i> (L., 1766)	-	x	-	-	-	-
Scombridae						
<i>Auxis thazard</i> (Lacepede, 1800)	x	-	-	-	-	-
<i>Euthynnus affinis</i> (Cantor, 1849)	x	-	-	-	-	-
<i>Grammatorcynus bilineatus</i> (Ruppell, 1836)	x	-	-	-	-	-
<i>Katsuwonus pelamis</i> (L., 1758)	x	-	-	-	-	-
<i>Rastrelliger brachysoma</i> (Bleeker, 1851)	x	x	-	-	-	-
<i>Rastrelliger faughni</i> Matsui, 1967	x	x	x	-	-	-
<i>Rastrelliger kanagurta</i> (Cuv., 1816)	x	x	x	x	x	x
<i>Scomber australasicus</i> Cuv., 1831	-	-	x	-	-	-
<i>Scomberomorus commerson</i> (Lacepede, 1802)	x	-	x	-	-	-
Scorpaenidae						
<i>Parascorpaena aurita</i> (Ruppell, 1838)	x	-	-	x	-	-
<i>Pterois antennata</i> (Bloch, 1787)	x	-	-	x	-	-
<i>Pterois volitans</i> (L., 1758)	-	x	-	-	-	-
<i>Scorpaena maculipinnis</i> (Smith, 1957)	-	-	-	x	-	-
<i>Scorpaenodes albaiensis</i> Evermann & Seale, 1907	-	-	-	x	-	-

<i>Scorpaenodes guamensis</i> (Q. & G., 1824)	x	-	-	x	-	-
<i>Scorpaenodes hirsutus</i> (Smith, 1957)	-	-	-	x	-	-
<i>Scorpaenodes parvipinnis</i> (Garrett, 1863)	-	-	-	x	-	-
<i>Scorpaenodes varipinnis</i> Smith, 1957	-	-	-	x	-	-
<i>Scorpaenopsis</i> sp.	-	x	-	-	-	-
<i>Sebastapistes cyanostigma</i> (Bleeker, 1856)	-	-	-	x	-	-
<i>Tetraroge barbata</i> (Cuv., 1829)	-	-	-	-	x	-
Serranidae						
<i>Aethaloperca rogae</i> (Forsskal, 1775)	x	x	-	-	-	-
<i>Anthias squamipinnis</i> (Peters, 1855)	-	-	-	x	-	-
<i>Anyperadon leucogrammicus</i> (Val., 1828)	x	-	-	-	-	-
<i>Cephalopholis argus</i> Bloch & Schneider, 1801	x	x	-	-	-	-
<i>Cephalopholis boenack</i> (Bloch, 1790)	x	x	x	-	-	-
<i>Cephalopholis leopardus</i> (Lacepede, 1801)	x	-	-	x	-	-
<i>Cephalopholis microprion</i> (Bleeker, 1852)	x	-	-	-	-	-
<i>Cephalopholis miniata</i> (Forsskal, 1755)	x	x	-	-	-	-
<i>Cephalopholis sexmaculata</i> (Ruppell, 1830)	x	x	-	-	-	-
<i>Cephalopholis sonnerati</i> (Val., 1828)	x	x	-	-	-	-
<i>Cephalopholis urodeta</i> (Bloch & Schneider, 1801)	x	-	-	-	-	-
<i>Chromileptes altivelis</i> (Val., 1828)	-	x	-	-	-	-
<i>Epinephelus areolatus</i> (Forsskal, 1775)	x	-	-	-	-	-
<i>Epinephelus corallicola</i> (Kuhl & Von Hasselt, 1828)	-	x	-	-	-	-
<i>Epinephelus cyanopodus</i> (Richardson, 1846)	-	-	-	x	-	-
<i>Epinephelus lanceolatus</i> (Bloch, 1790)	-	-	-	x	-	-
<i>Epinephelus maculatus</i> (Bloch, 1790)	x	x	-	-	-	-
<i>Epinephelus melanostigma</i> Schultz, 1953	x	-	-	-	-	-
<i>Epinephelus merra</i> Bloch, 1793	x	x	-	-	-	-
<i>Epinephelus microdon</i> (Bleeker, 1856)	x	x	-	-	-	-
<i>Epinephelus miliaria</i> (Val., 1830)	-	x	-	-	-	-
<i>Epinephelus morrhua</i> (Val., 1833)	-	-	-	x	-	-
<i>Epinephelus multinotatus</i> (Peters, 1877)	x	-	-	-	-	-
<i>Epinephelus ongus</i> (Bloch, 1790)	x	x	-	-	x	-
<i>Epinephelus polystigma</i> (Bleeker, 1853)	x	x	-	-	x	-
<i>Epinephelus retouti</i> Bleeker, 1868	-	-	-	x	-	-
<i>Epinephelus sexfasciatus</i> (Kuhl & Von Hasselt, 1828)	-	-	-	-	x	-
<i>Epinephelus spilotoceps</i> Schultz, 1953	-	-	-	-	x	-
<i>Epinephelus suillus</i> (Val., 1828)	-	-	-	-	x	-
<i>Epinephelus tauvina</i> Forsskal, 1775	x	x	x	-	x	x
<i>Liopropoma susumi</i> (Jordan & Seale, 1906)	-	-	-	x	-	-
<i>Plectranthias longimanus</i> Weber, 1913	-	-	-	x	-	-
<i>Plectropomus leopardus</i> (Lacepede, 1802)	x	x	-	-	-	-
<i>Plectropomus maculatus</i> (Bloch, 1790)	x	-	-	-	-	-
<i>Plectropomus oligocanthus</i> (Bleeker, 1854)	-	x	-	-	-	-
<i>Variola louti</i> (Forsskal, 1775)	x	x	-	x	-	-
Siganidae						
<i>Siganus canaliculatus</i> (Park, 1797)	x	x	-	-	x	-
<i>Siganus fuscescens</i> (Houtteyn, 1782)	x	-	-	-	-	-
<i>Siganus guttatus</i> (Bloch, 1787)	-	x	-	-	-	-
<i>Siganus lineatus</i> (Val., 1835)	x	x	-	-	-	-
<i>Siganus puellus</i> (Schlegel, 1852)	x	-	-	-	-	-
<i>Siganus punctatus</i> (Bloch & Schneider, 1801)	-	x	-	-	-	-
<i>Siganus vermiculatus</i> (Val., 1835)	x	x	-	-	x	-
<i>Siganus virgatus</i> (Val., 1835)	x	-	-	-	-	-
Sillaginidae						
<i>Sillago macrolepis</i> Bleeker, 1859	-	-	-	-	x	-
Soleidae						
<i>Aseraggodes melanostictus</i> (Peters, 1876)	-	-	-	-	x	-
<i>Brachirus aspidos</i> (Bleeker, 1852)	-	x	-	-	-	-

Sphyraenidae

<i>Sphyraena barracuda</i> (Walbaum, 1792)	x	x	x	-	x	-
<i>Sphyraena chrysotaenia</i> Klunzinger, 1884	x	-	x	-	-	-
<i>Sphyraena flavicauda</i> Ruppell, 1838	x	x	x	-	-	-
<i>Sphyraena forsteri</i> Cuv., 1829	x	x	x	-	-	-
<i>Sphyraena obtusata</i> Cuv., 1829	x	x	x	-	-	-
<i>Sphyraena putnamiae</i> Jordan & Seale, 1905	x	x	x	-	-	-

Sphyrnidae

<i>Sphyrna lewini</i> (Griffith & Smith, 1834)	x	x	-	-	-	-
<i>Sphyrna mokarran</i> (Ruppell, 1837)	x	x	-	-	-	-

Syngnathidae

<i>Choeroichthys brachysoma</i> (Bleeker, 1855)	-	x	-	-	-	-
<i>Corythoichthys ocellatus</i> Herald, 1953	x	-	-	-	-	-
<i>Cosmocampus howensis</i> (Whitley, 1948)	-	-	-	x	-	-
<i>Doryrhamphus dactyliophorus</i> (Bleeker, 1853)	x	x	-	-	-	-
<i>Doryrhamphus excisus</i> Kaup, 1856	-	x	-	-	-	-
<i>Doryrhamphus janssi</i> (Herald & Randeall, 1972)	-	-	-	x	-	-
<i>Hippichthys heptagonus</i> Bleeker, 1849	-	x	-	-	x	-
<i>Hippichthys spicifer</i> Ruppell, 1838	-	-	-	-	x	-
<i>Hippocampus whitei</i> Bleeker, 1855	x	-	x	-	-	-
<i>Syngnathoides biaculeatus</i> (Bloch, 1785)	x	x	x	-	-	-

Synodontidae

<i>Synodus engelmani</i> Schultz, 1953	-	-	-	x	-	-
<i>Synodus jaculum</i> Russell & Cressey, 1979	-	-	-	x	-	-
<i>Synodus rubromarmoratus</i> Russell & Cressey, 1979	-	x	-	-	-	-
<i>Synodus variegatus</i> (Lacepede, 1803)	x	x	x	x	-	-

Terapontidae

<i>Terapon jarbua</i> (Forsskal, 1775)	-	x	x	-	x	-
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Tetraodontidae

<i>Arothron hispidus</i> L., 1758	-	x	-	-	-	-
<i>Arothron mappa</i> (Lesson, 1827)	-	x	-	-	-	-
<i>Arothron nigropunctatus</i> (Bloch & Schneider, 1801)	-	x	-	-	-	-
<i>Arothron reticularis</i> (Bloch & Schneider, 1801)	-	-	x	-	-	x
<i>Canthigaster janthinoptera</i> (Bleeker, 1855)	-	x	-	x	-	-
<i>Canthigaster margaritata</i> (Ruppell, 1828)	-	x	-	-	-	-
<i>Canthigaster striolatus</i> (Q. & G.,)	-	x	-	-	-	-
<i>Chelonodon patoca</i> (Hamilton-Buchanan, 1822)	-	-	x	-	-	-
<i>Lagocephalus sceleratus</i> (Forster, 1788)	-	x	-	-	-	-
<i>Torquigener hypselogeneion</i> (Bleeker, 1852)	-	x	-	-	-	-

Toxotidae

<i>Toxotes jaculator</i> (Pallas, 1767)	x	-	x	-	x	x
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Trichonotidae

<i>Enigmapercis</i> sp.	-	-	-	x	-	-
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Tripterygiidae

<i>Enneapterygius abeli</i> (Klauaswitz, 1960)	x	-	-	-	-	-
<i>Enneapterygius elegans</i> (Peters, 1876)	x	-	-	-	-	-
<i>Enneapterygius pusillus</i> Ruppell, 1835	x	-	-	-	-	-
<i>Enneapterygius</i> sp.	-	-	-	x	-	-
<i>Enneapterygius ventermaculatus</i> Holleman, 1982	x	-	-	-	-	-
<i>Helcogramma fuscopinna</i> Holleman, 1982	x	x	-	-	-	-
<i>Helcogramma</i> sp. 1	-	-	-	x	-	-
<i>Helcogramma</i> sp. 2	-	-	-	x	-	-

Xenococongridae

Kaupichthys brachyichirus Schultz, 1953
Kaupichthya hyoprорoides (Stroman, 1896)
Kaupichthys sp.

- - - x - -
 - - - x - -
 - - - x - -

Total species

Munda	384
Vona Vona	321
Tulagi	133
Guadalcanal	162
Kolombangara	87
Rendova	39

Acknowledgements

Assistance in the field from Gideon Tiroba, John Leqata and Paul Nichols, and in the laboratory from Brian Paterson and Ian Tibbetts was invaluable. We are grateful to G. R. Allen (West Australian Museum), P. H. J. Castle (Victoria University, New Zealand), B. B. Collette (US National Museum), G. S. Hardy (National Museum of New Zealand), D. F. Hoese (Australian Museum), B. Hutchins (West Australian Museum), W. Ivantsoff (Macquarie University), H. K. Larson (Northern Territory Museum), P. Last (CSIRO), R. E. Thresher (CSIRO), D. Williams (AIMS) and J. T. Williams (US National Museum) for identifying some of the fishes. Logistic help was given by the Fisheries Division, Ministry of Natural Resources, Solomon Islands. The work was partly funded by the Australian Centre for International Agricultural Research (Project 8543).

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CSIRO Marine Laboratories

**Division of Oceanography
Division of Fisheries**

**Headquarters
Castray Esplanade, Hobart, Tasmania
GPO Box 1538, Hobart, Tasmania 7001, Australia**

**Queensland Laboratory
133 Middle Street, Cleveland, Queensland
PO Box 120, Cleveland, Qld 4163**

**Western Australia Laboratory
Leach Street, Marmion, WA
PO Box 20, North Beach, WA 6020**



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ISBN 0 643 05034 5