

FISHES OF CHRISTMAS ISLAND, INDIAN OCEAN

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The first fish collections at Christmas Island were those of C.W. Andrews (British Museum) in 1897 and 1908, C.A. Gibson-Hill (Raffles Museum, Singapore) in 1938-40, and E.J. Car and G.F. Mees (Western Australian Museum) in 1961. As a result of their work 127 fish species were recorded from the island. Three additional collections, including that of the present survey, between 1978 and 1987 by G.R. Allen have considerably increased the known fish fauna (Allen, 1988). The total presently stands at 575 species belonging to 78 families.

The fish fauna of Christmas Island consists primarily of species associated with coral reefs. Most of the fishes found there have distributions that encompass wide areas in the Indo-West Pacific region. At least 85-90% of the species fall in this category (Allen and Steene, 1979). Their wide distribution is facilitated by pelagic eggs and larval stages that drift near the sea's surface.

Despite its Indian Ocean location, the overall fauna is more closely allied to that of the western Pacific, particularly Indonesia. However, several Indian Ocean species are represented including *Cephalopholis nigripinnis*, *Chaetodon madagaskariensis*, *C. mitratus*, *Chromis dimidiata*, *C. nigrura*, *C. opercularis*, *Halichoeres leucoxanthus*, and *Acanthurus leucosternon*. Three species are apparently endemic to the island: *Pseudochromis viridis* (Pseudochromidae), *Steeneichthys nativiatis*

(Plesiopidae), and *Praealticus natalis* (Blenniidae). All three are tiny, secretive reef dwellers, which exhibit parental care of demersal eggs, and presumably have a minimal pelagic larval stage. However, future collecting, particularly along the Indian Ocean coast of Sumatra and Java, may reveal wider distributions. *Centropyge jocularis* is known only from Christmas Island and the Cocos (Keeling) Islands and the damselfish *Stegastes insularis* is apparently restricted to Christmas Island and Marcus Island in the north Pacific.

Although it is difficult to assess the impact of the 1983 El Niño-related coral die-back on the island's fish population there appeared to be relatively little change between 1978 and 1986-87. However, algal feeding surgeonfishes appeared to be more abundant after the 1983 event. Large aggregations of *Acanthurus nigricans*, *A. gullatus*, and *A. triostegus* were prominent in this respect. In addition, the coral eating leatherjacket (*Oxymonacanthus longirostris*) although not abundant in 1978, was not sighted during the later surveys.

REFERENCES

- Allen, G.R. (1988). *Fishes of Christmas Island Indian Ocean*. Christmas Island Natural History Association.
Allen, G.R. and Steene, R.C. (1979). *The fishes of Christmas Island, Indian Ocean*. Australian National Parks and Wildlife Service Special Publication 2: 1-81.

Table 6 List of Fishes

This table includes all fishes that have been collected or observed at Christmas Island. Numbers after each species and author entry refer to 1987 station numbers. Species not followed by station numbers were recorded during the 1978 and 1986 visits by G. Allen.

Key to Symbols

Numbers = sampling stations (see Table 4).

Station numbers

RHINCODONTIDAE ... WHALE SHARKS

Rhincodon typus (Smith, 1829)

SPHYRNIDAE ... HAMMERHEAD SHARKS

Sphyrna lewini (Griffith & Smith, 1834)

CARCHARHINIDAE ... WHALER SHARKS

Carcharhinus albimarginatus (Rüppell, 1835)

Carcharhinus amblyrhynchos Bleeker,

Carcharhinus longimanus (Poey, 1861)

Galeocerdo cuveri (Peron & Lesueur, 1822)

Triaenodon obesus (Rüppell, 1837)

Table 6 (cont.)

	Station numbers
MOBULIDAE ... MANTA RAYS	
<i>Manta birostris</i> (Donndorff, 1798)	
MORINGUIDAE ... SAND-DWELLING WORM EELS	
<i>Moringua floresiana</i> Weber & de Beaufort, 1916	
<i>Moringua javanica</i> (Kaup, 1856)	
<i>Moringua macrochir</i> Bleeker, 1855	
XENOCOGRIDAE ... REEF EELS	
<i>Kaupichthys atronasmus</i> Schultz, 1953	
<i>Kaupichthys diodontus</i> Schultz, 1943	
MURAENIDAE ... MORAY EELS	
<i>Anarchias seychellensis</i> Smith, 1962	
<i>Channomuraena vittata</i> (Richardson, 1844)	
<i>Echidna nebulosa</i> (Ahl, 1789)	5
<i>Echidna polyzona</i> (Richardson, 1845)	5
<i>Echidna unicolor</i> (Schultz, 1953)	
<i>Enchelycore bayeri</i> (Schultz, 1953)	
<i>Enchelycore pardalis</i> Schlegel, 1842	
<i>Enchelycore schismatorhynchus</i> (Bleeker, 1853)	5
<i>Enchelynassa canina</i> (Quoy & Gaimard, 1824)	
<i>Gymnomuraena zebra</i> (Shaw, 1797)	5
<i>Gymnothorax breedeni</i> McCosker & Randall, 1977	1,2,12
<i>Gymnothorax buroensis</i> (Bleeker, 1857)	5
<i>Gymnothorax chilospilus</i> Bleeker, 1864	
<i>Gymnothorax enigmaticus</i> McCosker & Randall, 1982	5
<i>Gymnothorax flavimarginatus</i> (Rüppell, 1828)	5
<i>Gymnothorax fuscomaculatus</i> (Schultz, 1953)	
<i>Gymnothorax javanicus</i> (Bleeker, 1865)	
<i>Gymnothorax margaritophorus</i> (Bleeker, 1865)	
<i>Gymnothorax melatremus</i> (Schultz, 1953)	
<i>Gymnothorax meleagris</i> (Shaw & Nodder, 1795)	
<i>Gymnothorax moluccensis</i> (Bleeker, 1865)	
<i>Gymnothorax monostigmus</i> (Regan, 1909)	5
<i>Gymnothorax rueppelliae</i> (McClelland, 1845)	1
<i>Gymnothorax zonipectus</i> Seale, 1906	
<i>Rhinomuraena quaesita</i> Garman, 1888	
<i>Siderea picta</i> (Ahl, 1789)	5
<i>Siderea thrysoidea</i> (Richardson, 1844)	
<i>Uropterygius concolor</i> Rüppell, 1835)	
<i>Uropterygius fuscoguttatus</i> Schultz, 1953	
<i>Uropterygius macrocephalus</i> (Bleeker, 1863)	
<i>Uropterygius marmoratus</i> (Lacepède, 1803)	
<i>Uropterygius micropterus</i> (Bleeker, 1852)	
<i>Uropterygius supraforatus</i> (Regan, 1909)	
<i>Uropterygius xanthopterus</i> (Bleeker, 1859)	
OPHICHTHIDAE ... BURROWING SNAKE EELS	
<i>Apterichthys klazingai</i> (Weber, 1913)	
<i>Brachysomophis crocodilinus</i> (Bennett, 1833)	
<i>Callechelys marmorata</i> (Bleeker, 1853)	
<i>Leiuranus semicinctus</i> (Lay & Bennett, 1839)	
<i>Myrichthys maculosus</i> (Cuvier, 1817)	5
<i>Muraenichthys laticaudatus</i> (Ogilby, 1897)	
<i>Phyllophichthys xenodontus</i> (Gosline, 1951)	
CONGRIDAE ... CONGER EELS	
<i>Conger cinereus</i> Rüppell, 1828	
<i>Heteroconger haasi</i> (Klausewitz & Eibl-Eibesfeldt, 1959)	
CLUPEIDAE ... HERRINGS	
<i>Spratelloides gracilis</i> Temminck & Schlegel, 1846	

Table 6 (cont.)

	Station numbers
SYNODONTIDAE ... LIZARDFISHES	
<i>Saurida gracilis</i> (Quoy & Gaimard, 1824)	3
<i>Saurida undosquamis</i> (Richardson, 1848)	
<i>Synodus englemani</i> Schultz, 1953	1, 3, 5
<i>Synodus variegatus</i> (Lacepède, 1803)	1,3,5
OPHIDIIDAE ... CUSKEELS	
<i>Brotula multibarbata</i> Temminck & Schlegel, 1846	
BYTHITIDAE ... CUSKEELS	
<i>Brosmophyciops pautzkei</i> Schultz, 1953	
<i>Dinematichthys</i> sp.	
<i>Microbotula</i> sp.	
<i>Ogilbia</i> sp.	
ANTENNARIIDAE ... ANGLERFISHES	
<i>Antennarius analis</i> (Gosline, 1957)	
<i>Antennarius coccineus</i> (Lesson, 1831)	
<i>Antennarius nummifer</i> (Cuvier, 1817)	
GOBIESCOCIDAE ... CLINGFISHES	
<i>Discotrema crinophila</i> Briggs, 1976	2
ATHERINIDAE ... SILVERSIDES	
<i>Atherion elymus</i> Jordan & Starks, 1901	
<i>Hypoatherina barnesi</i> Schultz, 1953	
EXOCOETIDAE ... FLYING FISHES	
<i>Cypselurus oxycephalus</i> (Bleeker, 1852)	
<i>Cypselurus poecilopterus</i> (Valenciennes, 1846)	
BELONIDAE ... LONG TOMS	
<i>Platybelone argalus</i> (Lesueur, 1821)	7,9,12
<i>Tylosurus crocodilus</i> (Lesueur, 1821)	1,3,5,6,7,9
BERYCIDAE ... ALFONSINOS	
<i>Beryx decadactylus</i> Cuvier, 1829	1
HOLOCENTRIDAE ... SQUIRRELFISHES	
<i>Myripristis berndti</i> Jordan & Evermann, 1903	1,3,7,8,10
<i>Myripristis kuntee</i> Valenciennes, 1831	
<i>Myripristis murdjan</i> (Forsskål, 1775)	
<i>Myripristis pralinius</i> Cuvier, 1829	1,3,5,6
<i>Myripristis vittatus</i> Valenciennes, 1831	1,3,5,6,7,12,14
<i>Plectrypops lima</i> (Valenciennes, 1831)	
<i>Sargocentron caudimaculatum</i> (Rüppell, 1835)	1,2,5,6,7,9
<i>Sargocentron diadema</i> (Lacepède, 1802)	1,8
<i>Sargocentron lepros</i> (Allen & Cross, 1893)	
<i>Sargocentron microstomus</i> (Günther, 1859)	1,3
<i>Sargocentron praslin</i> (Lacepède, 1802)	
<i>Sargocentron punctatissimum</i> (Cuvier, 1829)	5
<i>Sargocentron tiere</i> (Cuvier, 1829)	1,3,7,8,10,12
<i>Sargocentron tiereoides</i> (Bleeker, 1853)	
AULOSTOMIDAE ... PAINTED FLUTEMOUTHS	
<i>Aulostomus chinensis</i> (Linnaeus, 1766)	1,3
FISTULARIIDAE ... FLUTEMOUTHS	
<i>Fistularia commersonii</i> Rüppell, 1835	
SOLENOSTOMIDAE ... GHOST PIPEFISHES	
<i>Solenostomus cyanopterus</i> (Bleeker, 1854)	
SYNGNATHIDAE ... PIPEFISHES	
<i>Choeroichthys brachysoma</i> (Bleeker, 1855)	

Table 6 (cont.)

	Station numbers
<i>Choeroichthys sculptus</i> (Günther, 1870)	1
<i>Corythoichthys schultzi</i> Herald, 1953	
<i>Cosmocampus banneri</i> (Herald & Randall, 1972)	
<i>Doryrhamphus baldwini</i> (Herald & Randall, 1972)	
<i>Doryrhamphus excisus excisus</i> Kaup, 1856	
<i>Micrognathus brevisrostris pygmaeus</i> Fritzsche, 1981	
SCORPAENIDAE ... SCORPIONFISHES	
<i>Dendrochirus biocellatus</i> (Fowler, 1938)	12
<i>Dendrochirus zebra</i> (Cuvier, 1829)	
<i>Pterois antennata</i> (Bloch, 1787)	1
<i>Pterois radiata</i> (Cuvier, 1829)	
<i>Pterois volitans</i> (Linnaeus, 1758)	9,12
<i>Scorpaenodes albaiensis</i> (Evermann & Seale, 1907)	
<i>Scorpaenodes corallinus</i> Smith, 1957	
<i>Scorpaenodes guamensis</i> (Quoy & Gaimard, 1824)	5
<i>Scorpaenodes hirsutus</i> Smith, 1957	
<i>Scorpaenodes parvipinnis</i> (Garrett, 1863)	5
<i>Scorpaenodes varipinnis</i> (Smith, 1957)	
<i>Scorpaenopsis oxycephalus</i> (Bleeker, 1849)	
<i>Scorpaenopsis diabolus</i> (Cuvier, 1829)	
<i>Sebastapistes cyanostigma</i> (Bleeker, 1856)	
<i>Sebastapistes maruittiana</i> (Cuvier, 1829)	5
<i>Sebastapistes strongia</i> (Cuvier, 1829)	5
<i>Sebastapistes tinkhami</i> (Fowler, 1946)	5
<i>Synanceia verrucosa</i> (Bloch and Schneider, 1801)	1
<i>Taenionotus triacanthus</i> Lacepède, 1802	
APLOACTINIDAE ... VELVETFISHES	
<i>Coccotropus larvatus</i> Poss & Allen, 1987	
CARACANTHIDAE ... CROUCHERS	
<i>Caracanthus maculatus</i> (Gray, 1831)	
<i>Caracanthus unipinna</i> (Gray, 1831)	
PLATYCEPHALIDAE ... FLATHEADS	
<i>Thysanophrys papillolabium</i> Schultz, 1966	
<i>Thysanophrys</i> sp.	
SERRANIDAE ... GROPERs	
<i>Aethaloperca rogaea</i> (Forsskål, 1775)	3,10,12
<i>Anyperodon leucogrammicus</i> (Valenciennes, 1828)	3
<i>Belonoperca chabanaudi</i> (Fowler & Bean, 1930)	
<i>Cephalopholis argus</i> (Bloch & Schneider, 1801)	1,3,5,6,7,8,10,12
<i>Cephalopholis analis</i> (Valenciennes, 1828)	3,12
<i>Cephalopholis igarashiensis</i> Katayama, 1957	
<i>Cephalopholis leopardus</i> (Lacepède, 1802)	1,3
<i>Cephalopholis miniatus</i> (Forsskål, 1775)	1,3,7,9,10,12
<i>Cephalopholis nigripinnis</i> (Valenciennes, 1828)	1,3,5,6
<i>Cephalopholis sexmaculatus</i> (Bloch & Schneider, 1801)	3,5,12
<i>Cephalopholis spiloparaea</i> (Valenciennes, 1828)	
<i>Cephalopholis urodeta</i> (Schneider, 1801)	
<i>Epinephelus coralicola</i> (Valenciennes, 1828)	
<i>Epinephelus fasciatus</i> (Forsskål, 1775)	
<i>Epinephelus hexagonatus</i> (Bloch & Schneider, 1801)	
<i>Epinephelus lanceolatus</i> (Bloch, 1790)	
<i>Epinephelus merra</i> Bloch, 1793	1
<i>Epinephelus morrhua</i> (Valenciennes, 1833)	
<i>Epinephelus retouti</i> (Bleeker, 1868)	
<i>Epinephelus spilotoceps</i> Schultz, 1953	
<i>Epinephelus tauvina</i> (Forsskål, 1775)	
<i>Epinephelus tukula</i> Morgans, 1959	
<i>Gracila albomarginata</i> (Fowler & Bean, 1930)	1,3,5,6,7,8,9,10,12

Table 6 (cont.)

	Station numbers
<i>Gracila polleni</i> (Bleeker, 1868)	
<i>Grammistes sexlineatus</i> (Thünberg, 1792)	1,3
<i>Grammistops ocellatus</i> Schultz, 1953	
<i>Liopropoma mitratum</i> Lubbock & Randall, 1978	
<i>Liopropoma susumi</i> (Jordan and Seale, 1905)	
<i>Liopropoma tonstrinum</i> Randall & Taylor, 1988	
<i>Luzonichthys waitei</i> (Fowler, 1931)	1,3,5,6,7,8,12
<i>Plectranthias fourmanoiri</i> Randall, 1980	
<i>Plectranthias inermis</i> Randall, 1980	
<i>Plectranthias nanus</i> Randall, 1980	
<i>Pogonoperca punctata</i> (Valenciennes, 1830)	
<i>Pseudanthias dispar</i> (Herre, 1955)	1,12
<i>Pseudanthias evansi</i> Smith, 1954	1,3,5,6,7,8,9,10,12,14
<i>Pseudanthias lori</i> Lubbock & Randall, 1976	
<i>Pseudanthias smithvanizi</i> Randall & Lubbock, 1981	
<i>Pseudanthias squamipinnis</i> (Peters, 1855)	
<i>Pseudogramma polyacantha</i> (Bleeker, 1856)	
<i>Saloptia powelli</i> Smith, 1964	
<i>Suttonia lineata</i> Gosline, 1960	
<i>Variola louti</i> (Forsskål, 1775)	1,3,5,6,9
CIRRHITIDAE ... HAWKFISHES	
<i>Amblycirrhitus bimacula</i> (Jenkins, 1903)	5
<i>Cirrhitichthys oxycephalus</i> (Bleeker, 1855)	1,12
<i>Cirrhitus pinnulatus</i> (Schneider, 1801)	1,3,10,12
<i>Oxycirrhites typus</i> Bleeker, 1857	
<i>Paracirrhites arcatus</i> (Cuvier, 1829)	1,3,5,6,7,8,9,12
<i>Paracirrhites forsteri</i> (Schneider, 1801)	1,3,5,6,12
<i>Paracirrhites hemistictus</i> (Günther, 1874)	1
PSEUDOCROMIDAE ... DOTTYBACKS	
<i>Pseudochromis tapeinosoma</i> Bleeker, 1853	5
<i>P. viridis</i> Gill & Allen, 1996	
<i>Pseudoplesiops multisquamatus</i> Allen, 1987	
<i>Pseudoplesiops revellei</i> Schultz, 1953	
PLESIOPIDAE ... DEVILFISHES	
<i>Callopleysiops altivelis</i> (Steindachner, 1903)	
<i>Plesiops coeruleolineatus</i> Rüppell, 1835	
<i>Plesiops corallicola</i> Bleeker, 1853	
TERAPONIDAE ... GRUNTERS	
<i>Terapon theraps</i> (Cuvier, 1828)	
KUHLIIDAE ... FLAGFISHES	
<i>Kuhlia mugil</i> (Forster, 1801)	1
PRIACANTHIDAE ... BIGEYES	
<i>Heteropriacanthus cruentatus</i> (Lacepède, 1800)	
APOGONIDAE ... CARDINALFISHES	
<i>Apogon angustatus</i> (Smith & Radcliffe, 1911)	10,12
<i>Apogon apogonides</i> (Bleeker, 1856)	12
<i>Apogon aureus</i> (Lacepède, 1803)	12
<i>Apogon crassiceps</i> Garman, 1903	1
<i>Apogon doryssa</i> (Jordan & Seale, 1906)	
<i>Apogon evermanni</i> Jordan & Snyder, 1904	
<i>Apogon fraenatus</i> Valenciennes, 1832	
<i>Apogon kallopterus</i> Bleeker, 1856	10
<i>Apogon nigrofasciatus</i> Lachner, 1953	12
<i>Apogon novemfasciatus</i> Cuvier, 1828	
<i>Apogon savayensis</i> Günther, 1871	
<i>Apogon semiornatus</i> Peters, 1876	
<i>Apogon taeniophorus</i> Regan, 1908	5

Table 6 (cont.)

	Station numbers
<i>Apogon taeniopterus</i> Bennett, 1835	
<i>Apogon talboti</i> Smith, 1961	
<i>Apogonichthys ocellatus</i> Weber, 1913	
<i>Cheilodipterus heptazona</i> Bleeker, 1849	1
<i>Cheilodipterus quinquelineatus</i> Cuvier, 1828	3
<i>Cheilodipterus</i> sp.	
<i>Fowleria aurita</i> (Cuvier, 1831)	
<i>Fowleria vaiulae</i> Jordan and Seale, 1906	
<i>Pseudamiops gracilicauda</i> (Lachner, 1953)	
<i>Rhabdamia eremia</i> Allen, 1987	
MALACANTHIDAE ... TILEFISHES	
<i>Malacanthus brevirostris</i> Guichenot, 1848	10
<i>Malacanthus latovittatus</i> (Lacepède, 1798)	1,3,8,14
ECHENEIDAE ... REMORAS	
<i>Echeneis naucrates</i> Linnaeus, 1758	
<i>Remora remora</i> Linnaeus, 1758	
CORYPHAENIDAE ... DOLPHINFISHES	
<i>Coryphaena hippurus</i> Linnaeus, 1758	
CARANGIDAE ... TREVALLIES	
<i>Alectis indicus</i> (Rüppell, 1830)	
<i>Carangoides ferdau</i> (Forsskål, 1775)	1
<i>Carangoides orthogrammus</i> Jordan & Gilbert, 1882	
<i>Caranx ignobilis</i> (Forsskål, 1775)	1,7,10
<i>Caranx lugubris</i> Poey, 1861	7,12
<i>Caranx melampygus</i> Cuvier, 1833	1,3,5,7,10,12
<i>Caranx sexfasciatus</i> Quoy & Gaimard, 1825	
<i>Caranx tille</i> Cuvier, 1833	
<i>Decapterus macarellus</i> (Cuvier, 1833)	
<i>Elegatis bipinnulata</i> (Quoy & Gaimard, 1825)	1,7,9,12
<i>Gnathanodon speciosus</i> (Forsskål, 1775)	
<i>Scomberoides lysan</i> (Forsskål, 1775)	
<i>Trachinotus baillonii</i> (Lacepède, 1802)	
LUTJANIDAE ... SNAPPERS	
<i>Aphareus furca</i> (Lacepède, 1802)	1,3,5,6,7,8,9,10,12,14
<i>Aprion virescens</i> Valenciennes, 1830	7
<i>Etelis coruscans</i> Valenciennes, 1862	
<i>Etelis radiosus</i> Anderson, 1981	
<i>Lutjanus bohar</i> (Forsskål, 1775)	1,3,5,6,7,8,9,12
<i>Lutjanus fulviflamma</i> (Forsskål, 1775)	3
<i>Lutjanus fulvus</i> (Schneider, 1801)	
<i>Lutjanus gibbus</i> (Forsskål, 1775)	1,10
<i>Lutjanus kasmira</i> (Forsskål, 1775)	10
<i>Lutjanus rivulatus</i> (Cuvier, 1828)	
<i>Macolor macularis</i> Fowler, 1931	3,5,6,7,12
<i>Macolor niger</i> (Forsskål, 1775)	3,5,6,7,10,12
<i>Paracaesio sordidus</i> Abe & Shinohara, 1962	1,3,12
<i>Pristipomoides auricilla</i> (Jordan, Evermann & Tanaka, 1927)	
<i>Pristipomoides zonatus</i> (Valenciennes, 1830)	
CAESIONIDAE ... FUSILERS	
<i>Caesio caeruleaureus</i> Lacepède, 1802	
<i>Caesio lunaris</i> Cuvier, 1830	9,12
<i>Caesio teres</i> Seale, 1906	1,3,9,12
<i>Pterocaesio lativittata</i> Carpenter, 1987	3
<i>Pterocaesio tile</i> (Cuvier, 1830)	6,7
HAEMULIDAE ... SWEETLIPS	
<i>Plectorhinchus gibbosus</i> (Lacepède, 1802)	
<i>Plectorhinchus orientalis</i> (Bloch, 1793)	6,7,12

Table 6 (cont.)

	Station numbers
LETHRINIDAE ... EMPERORS	
<i>Gnathodentex aureolineatus</i> (Lacepède, 1802)	1,6,7,9,10,12
<i>Monotaxis grandoculis</i> (Forsskål, 1775)	1,3,5,6,7,8,9,10,12
NEMIPTERIDAE ... CORAL BREAM	
<i>Scolopsis bilineatus</i> (Bloch, 1793)	
MULLIDAE ... GOATFISHES	
<i>Mulloides flavolineatus</i> (Lacepède, 1802)	1,3,5,6,8,10,14
<i>Mulloides vanicolensis</i> (Valenciennes, 1831)	1,3,5,6,8,10,12,14
<i>Parupeneus bifasciatus</i> (Lacepède, 1801)	1,3,5,6,7,8,9,10,12,14
<i>Parupeneus cyclostomus</i> (Lacepède, 1801)	1,3,5,7,8,10,12,14
<i>Parupeneus macronema</i> (Lacepède, 1802)	1
<i>Parupeneus multifasciatus</i> Quoy & Gaimard, 1824	7,8,10,12,14
<i>Parupeneus pleurostigma</i> (Bennett, 1831)	14
KYPHOSIDAE ... DRUMMERS	
<i>Kyphosus cinerascens</i> (Forsskål, 1775)	3,5,7,8,10,12,14
<i>Kyphosus vaigiensis</i> (Quoy & Gaimard, 1824)	1,3,6,14
PEMPHERIDAE ... SWEEPERS	
<i>Pemppheris oualensis</i> Cuvier, 1831	1,3,7,8,10,12
<i>Pemppheris</i> sp.	
CHAETODONTIDAE ... BUTTERFLYFISHES	
<i>Chaetodon auriga</i> Forsskål, 1775	3,8,9,10,12
<i>Chaetodon baronessa</i> Cuvier, 1831	
<i>Chaetodon citrinellus</i> Cuvier, 1831	1,3,5,8,12,14
<i>Chaetodon ephippium</i> Cuvier, 1831	8,9
<i>Chaetodon guttiatissimus</i> Bennett, 1832	1,7,12,14
<i>Chaetodon kleinii</i> Bloch, 1790	1,5,9,12,14
<i>Chaetodon lineolatus</i> Cuvier, 1831	1,3,5,8
<i>Chaetodon lunula</i> (Lacepède, 1802)	1,3,5,6,8,9,12
<i>Chaetodon lunulatus</i> (Quoy & Gaimard, 1824)	1,12
<i>Chaetodon madagaskariensis</i> Ahl, 1923	
<i>Chaetodon melannotus</i> Bloch & Schneider, 1801	1,3,5,8,10,12
<i>Chaetodon meyeri</i> Schneider, 1801	1,3,5,6,8,10,12
<i>Chaetodon mitratus</i> Günther, 1860	
<i>Chaetodon ornatissimus</i> Cuvier, 1831	1,3,5,7,9,10,14
<i>Chaetodon punctatofasciatus</i> Cuvier, 1831	1,3,5,7,8,9,10,11
<i>Chaetodon semion</i> Bleeker, 1855	1,3,7,9,10,12,14
<i>Chaetodon speculum</i> Cuvier, 1831	1,3,5,9,12,14
<i>Chaetodon trifascialis</i> Quoy & Gaimard, 1824	1,3,5,7,8,9,10,12
<i>Chaetodon unimaculatus</i> Bloch, 1787	1,3,5,6,7,8,9,12
<i>Chaetodon vagabundus</i> Linnaeus, 1758	1,14
<i>Forcipiger flavissimus</i> Jordan & McGregor, 1898	1,3,5,6,7,8,9,10,12,14
<i>Forcipiger longirostris</i> (Broussonet, 1782)	1,3,5,7,9,14
<i>Hemitaurichthys polylepis</i> (Bleeker, 1857)	1,3,5,7,8,12
<i>Heniochus chrysostomus</i> Cuvier, 1831	
<i>Heniochus monoceros</i> Cuvier, 1831	
<i>Heniochus singularius</i> Smith & Radcliffe, 1911	1,3,5,6,8,10
<i>Heniochus varius</i> (Cuvier, 1829)	
POMACANTHIDAE ... ANGELFISHES	
<i>Apolemichthys trimaculatus</i> (Cuvier, 1831)	10,13
<i>Centropyge bicolor</i> (Bloch, 1787)	
<i>Centropyge bispinosus</i> (Günther, 1860)	1,3,5
<i>Centropyge eibli</i> Klausewitz, 1963	
<i>Centropyge flavicauda</i> Fraser-Brunner, 1933	1
<i>Centropyge flavissima</i> (Cuvier, 1831)	
<i>Centropyge jocularis</i> Smith-Vaniz & Randall, 1974	1,3,5,6,7,8,9,12,14
<i>Centropyge tibicen</i> (Cuvier, 1831)	
<i>Centropyge vrolikii</i> (Bleeker, 1853)	1

Table 6 (cont.)

	Station numbers
<i>Pomacanthus imperator</i> (Bloch, 1787)	1,3,5,7,8,14
<i>Pomacanthus semicirculatus</i> (Cuvier, 1831)	1,6
<i>Pygoplites diacanthus</i> (Boddaert, 1772)	1,3,5,6,7,8,9,10,12,14
MUGILIDAE ... MULLET	
<i>Crenimugil crenilabris</i> (Forsskål, 1775)	
<i>Mugil cephalus</i> Linnaeus, 1758	
POMACENTRIDAE ... DAMSELFISHES	
<i>Abudefduf notatus</i> (Day, 1869)	5,9,12
<i>Abudefduf septemfasciatus</i> (Cuvier, 1830)	1,3,9,12
<i>Abudefduf sexfasciatus</i> (Lacepède, 1802)	1
<i>Abudefduf sordidus</i> (Forsskål, 1775)	1,3,9,10,12,14
<i>Abudefduf vaigiensis</i> (Quoy & Gaimard, 1824)	1,3,12
<i>Amblyglyphidodon aureus</i> (Cuvier, 1830)	1,3,5,6,7,8,9,10,12,14
<i>Amphiprion clarkii</i> (Bennett, 1830)	10,12
<i>Amphiprion perideraion</i> Bleeker, 1855	1,3,6
<i>Amphiprion sandaracinos</i> Allen, 1972	1
<i>Chromis alpha</i> Randall, 1988	
<i>Chromis amboinensis</i> (Bleeker, 1873)	1,3,5,6,7,8,9,10,12
<i>Chromis atripectoralis</i> Welander & Schultz, 1951	
<i>Chromis atripes</i> Fowler & Bean, 1928	1,3,5,6,7,8,9,10,14
<i>Chromis caudalis</i> Randall, 1988	1
<i>Chromis dimidiata</i> (Klunzinger, 1871)	
<i>Chromis delta</i> Randall, 1988	1,3,5
<i>Chromis elerae</i> Fowler & Bean, 1928	
<i>Chromis lepidolepis</i> Bleeker, 1877	1,3,5,6,8,9,10,12
<i>Chromis lineata</i> Fowler & Bean, 1928	
<i>Chromis margaritifer</i> Fowler, 1946	1,3,7,8,9,10,12,14
<i>Chromis nigrura</i> Smith, 1960	1,3,5,7,8,9,10,12,14
<i>Chromis opercularis</i> (Günther, 1867)	1,3,7,9,10,12
<i>Chromis ternatensis</i> (Bleeker, 1856)	1,3,5,6,8,10,12,14
<i>Chromis weberi</i> Fowler & Bean, 1928	1,3,5,6,8,10,12,14
<i>Chromis xanthochira</i> (Bleeker, 1851)	1,3,6,7,8,9,10,12
<i>Chromis xanthura</i> (Bleeker, 1854)	1,3,5,6,8,10,12,14
<i>Chrysiptera glauca</i> (Cuvier, 1830)	3,7,8
<i>Chrysiptera leucopoma</i> (Lesson, 1830)	1,3,8,9,10
<i>Chrysiptera unimaculata</i> (Cuvier, 1830)	1
<i>Dascyllus reticulatus</i> (Richardson, 1846)	
<i>Dascyllus trimaculatus</i> (Rüppell, 1828)	1,3,5,6,8,10,12
<i>Lepidozygus tapeinosoma</i> (Bleeker, 1856)	1,3,5,12
<i>Plectroglyphidodon dickii</i> (Lienard, 1839)	1,3,5,6,12
<i>Plectroglyphidodon imparipennis</i> (Valliant & Sauvage, 1875)	1,3,5,8,9,10,14
<i>Plectroglyphidodon johnstonianus</i> (Fowler & Ball, 1924)	10
<i>Plectroglyphidodon lacrymatus</i> (Quoy & Gaimard, 1825)	1,3,5,6,8,12
<i>Plectroglyphidodon leucozonus</i> (Bleeker, 1859)	3,5,9,10,12
<i>Plectroglyphidodon phoenixensis</i> (Schultz, 1943)	3,5,9
<i>Pomacentrus bankanensis</i> Bleeker, 1853	
<i>Pomacentrus chrysurus</i> Cuvier, 1830	9
<i>Pomacentrus coelestis</i> Jordan & Starks, 1901	1,3,7,8,10
<i>Stegastes albifasciatus</i> (Schlegel & Müller, 1839-44)	1,3
<i>Stegastes fasciolatus</i> (Ogilby, 1889)	1,3,8
<i>Stegastes insularis</i> Allen & Emery, 1985	1,3,5,6,7,8,9,10,12,14
LABRIDAE ... WRASSES	
<i>Anampses caeruleopunctatus</i> Rüppell, 1828	1,3,5,9,10,12,14
<i>Anampses meleagrides</i> Valenciennes, 1839	3,5
<i>Anampses twistii</i> Bleeker, 1856	3
<i>Bodianus anthioides</i> (Bennett, 1830)	3,5,8,9,12
<i>Bodianus axillaris</i> (Bennett, 1831)	1,9
<i>Bodianus diana</i> (Lacepède, 1802)	1,3,5,9
<i>Bodianus mesothorax</i> (Bloch & Schneider, 1801)	1,10
<i>Bodianus opercularis</i> (Guichenot, 1847)	

Table 6 (cont.)

	Station numbers
<i>Cheilinus oxycephalus</i> Bleeker, 1853	
<i>Cheilinus trilobatus</i> Lacepède, 1802	3,14
<i>Cheilinus undulatus</i> Rüppell, 1835	
<i>Cheilio inermis</i> (Forsskål, 1775)	
<i>Cirrhilabrus cyanopleura</i> (Bleeker, 1851)	3,6,9
<i>Cirrhilabrus exquisitus</i> Smith, 1957	6
<i>Coris aygula</i> Lacepède, 1802	1,3,5,6,8,9
<i>Coris dorsomacula</i> Fowler, 1908	10
<i>Coris gaimard</i> (Quoy & Gaimard, 1824)	1,3,5,6,8,9,10,12
<i>Epibulus insidiator</i> (Pallas, 1770)	3,5,6,8
<i>Gomphosus varius</i> Lacepède, 1802	1,3,5,6,7,8,9,10,12,14
<i>Halichoeres chrysus</i> Randall, 1980	10
<i>Halichoeres hortulanus</i> (Lacepède, 1801)	1,3,10,12,14
<i>Halichoeres hyrtlui</i> (Bleeker, 1856)	
<i>Halichoeres leucoxanthus</i> Randall & Smith, 1982	
<i>Halichoeres margaritaceus</i> (Valenciennes, 1839)	3
<i>Halichoeres marginatus</i> Rüppell, 1835	3,10
<i>Halichoeres melasmapomus</i> Randall, 1980	1,3,5,6,12
<i>Halichoeres ornatus</i> (Garrett, 1863)	1,3,8,9,12
<i>Halichoeres scapularis</i> (Bennett, 1831)	10,3
<i>Halichoeres trimaculatus</i> (Quoy & Gaimard, 1834)	1
<i>Hemigymnus fasciatus</i> (Bloch, 1792)	1,3,5,8,9,12
<i>Hemigymnus melapterus</i> (Bloch, 1791)	
<i>Hologymnosus annulatus</i> (Lacepède, 1801)	10
<i>Hologymnosus doliatus</i> (Lacepède, 1802)	3
<i>Labrichthys unilineatus</i> (Guichenot, 1847)	3,5
<i>Labroides bicolor</i> Fowler & Bean, 1928	2,5
<i>Labroides dimidiatus</i> (Valenciennes, 1839)	9
<i>Labroides pectoralis</i> Randall & Springer, 1975	1,3,5,6,8,9
<i>Labropsis xanthonota</i> Randall, 1981	1,3,5,6,8,9
<i>Macropharyngodon ornatus</i> Randall, 1978	9
<i>Macropharyngodon negrosensis</i> Herre, 1932	9,10,12
<i>Novaculichthys taeniourus</i> (Lacepède, 1802)	1,3,8
<i>Oxycheilinus unifasciatus</i> Streets, 1877	1,3,5,6,7,8,10,12,14
<i>Pseudocheilinus hexataenia</i> (Bleeker, 1857)	1,3,5,6
<i>Pseudocheilinus octotaenia</i> Jenkins, 1899	1,3,5,6,8,9,12
<i>Pseudocoris heteropterus</i> (Bleeker, 1857)	
<i>Pseudocoris yamashiroi</i> Schmidt, 1930	
<i>Pseudodax moluccanus</i> (Valenciennes, 1840)	1,3,5,6,7,8,9,10,12,14
<i>Stethojulis bandanensis</i> (Bleeker, 1851)	1,8
<i>Stethojulis strigiventer</i> (Bennett, 1832)	9
<i>Thalassoma amblycephalus</i> (Bleeker, 1856)	1,3,5,6,8,10,14
<i>Thalassoma hardwicki</i> (Bennett, 1830)	1,3,5,6,8,10
<i>Thalassoma janseni</i> (Bleeker, 1856)	1,3,5,6,8
<i>Thalassoma lunare</i> (Linnaeus, 1758)	
<i>Thalassoma lutescens</i> (Lay & Bennett, 1839)	1,3,5,6,7,8,9,10,12,14
<i>Thalassoma purpureum</i> (Forsskål, 1775)	1,3,7,8,14
<i>Thalassoma quinquevittatum</i> Fowler, 1928	1,3,14
<i>Thalassoma trilobatum</i> (Lacepède, 1801)	9,10
<i>Wetmorella albofasciata</i> Schultz & Marshall, 1954	
<i>Xyrichtys aneitensis</i> (Günther, 1862)	8,10
<i>Xyrichtys pavo</i> Valenciennes, 1839	10
SCARIDAE ... PARROTFISHES	
<i>Bolbometopon muricatum</i> (Valenciennes, 1840)	
<i>Chlorurus microrhinos</i> (Bleeker, 1854)	3,9,12,14
<i>Chlorurus sordidus</i> Forsskål, 1775	1,5
<i>Scarus chameleon</i> Choat & Randall, 1986	3
<i>Scarus festivus</i> Valenciennes, 1839	8
<i>Scarus forsteni</i> (Bleeker, 1861)	1,3,5,7,8,9,10,12,14
<i>Scarus frenatus</i> Lacepède, 1802	1,3,5,7,8,9,12
<i>Scarus ghobban</i> Forsskål, 1775	

Table 6 (cont.)

	Station numbers
<i>Scarus niger</i> Forsskål, 1775	1,3,5,8,9,14
<i>Scarus oviceps</i> Valenciennes, 1839	1,3,5,6
<i>Scarus prasiognathus</i> Valenciennes, 1840	1,3,8
<i>Scarus psittacus</i> Forsskål, 1775	1,3
<i>Scarus rubroviolaceus</i> Bleeker, 1849	1,3,5,6,7,8,9,10,12,14
<i>Scarus schlegeli</i> Bleeker, 1861	3
<i>Scarus spinus</i> (Kner, 1868)	1,3,5,6,8,13,14
MUGILOIDIDAE ... WEAVERFISHES	
<i>Parapercis clathrata</i> Ogilby, 1910	1,3,5,6,7,8,9,10,12,14
<i>Parapercis tetracanthus</i> Jordan & Seale, 1906	
<i>Parapercis schauinslandi</i> (Steindachner, 1900)	
CREEDIDAE ... SANDBURROWERS	
<i>Chalixodytes tauensis</i> Schultz, 1943	
TRIPTERYGIIDAE ... TRIPLEFINS	
<i>Ceratobragma helenae</i> Holleman, 1987	
<i>Enneapterygius elegans</i> (Peters, 1876)	
<i>Enneapterygius tutuilae</i> Jordan & Seale, 1906	
<i>Helcogramma chica</i> Rosenblatt, 1960	
<i>Norfolkia brachylepis</i> (Schultz, 1960)	
<i>Ucla xenogrammus</i> Holleman, 1993	
BLENNIIDAE ... BLENNIES	
<i>Alticus saliens</i> (Forster, 1788)	
<i>Andamia heteroptera</i> (Bleeker, 1857)	
<i>Andamia reyi</i> (Sauvage, 1834)	
<i>Aspidontus taeniatus</i> Quoy & Gaimard, 1834	
<i>Blenniella cyanostigma</i> (Bleeker, 1849)	
<i>Blenniella periophthalmus</i> (Valenciennes, 1836)	5
<i>Cirripectes castaneus</i> (Valenciennes, 1836)	
<i>Cirripectes gilberti</i> Williams, 1988	
<i>Cirripectes polyzona</i> (Bleeker, 1868)	
<i>Cirripectes stigmaticus</i> Strasburg & Schultz, 1953	
<i>Cirrisalarias bunares</i> Springer, 1976	
<i>Ecsenius bicolor</i> (Day, 1888)	8,9,12
<i>Ecsenius midas</i> (Starck, 1969)	12
<i>Ecsenius oculus</i> Springer, 1971	
<i>Entomacrodus caudofasciatus</i> (Regan, 1909)	5
<i>Entomacrodus epalzeocheilus</i> (Bleeker, 1859)	5
<i>Entomacrodus vermiculatus</i> (Valenciennes, 1836)	5
<i>Exallias brevis</i> (Kner, 1868)	
<i>Istiblennius bellus</i> (Günther, 1861)	
<i>Istiblennius edentulus</i> (Bloch & Schneider, 1801)	5
<i>Istiblennius lineatus</i> (Valenciennes, 1836)	5
<i>Mimoblennius atrocinctus</i> (Regan, 1909)	
<i>Nannosalarias nativitatus</i> (Regan, 1909)	
<i>Parenchelyurus hepburni</i> (Snyder, 1908)	
<i>Plagiotremus rhinorhynchus</i> (Bleeker, 1852)	
<i>Plagiotremus tapeinosoma</i> (Bleeker, 1857)	
<i>Praealticus natalis</i> (Regan, 1909)	5
<i>Rhabdoblennius snowi</i> (Fowler, 1928)	5
ELEOTRIDAE ... GUDGEONS	
<i>Calumia godeffroyi</i> (Günther, 1877)	
<i>Eleotris fusca</i> (Bloch & Schneider, 1801)	5
GOBIIDAE ... GOBIES	
<i>Amblyeleotris fasciata</i> (Herre, 1953)	
<i>Bathygobius cocosensis</i> (Bleeker, 1854)	
<i>Bathygobius cyclopterus</i> (Valenciennes, 1837)	5
<i>Bathygobius padangensis</i> (Bleeker, 1851)	5

Table 6 (cont.)

	Station numbers
<i>Callogobius sclateri</i> (Steindachner, 1880)	
<i>Eviota albolineata</i> Jewett & Lachner, 1983	
<i>Eviota prasina</i> (Klunzinger, 1871)	
<i>Eviota</i> sp. 1	
<i>Eviota</i> sp. 2	
<i>Eviota</i> sp. 3	
<i>Fusigobius duospilus</i> Hoese & Reader, 1985	
<i>Fusigobius</i> sp. 1	
<i>Fusigobius</i> sp. 2	
<i>Gnatholepis scapulostigma</i> Herre, 1953	
<i>Gobiodon citrinus</i> (Rüppell, 1838)	
<i>Gobiodon rivulatus</i> (Rüppell, 1828)	
<i>Gobiodon</i> sp.	
<i>Istigobius decoratus</i> (Herre, 1927)	
<i>Kelloggella cardinalis</i> (Jordan & Seale, 1906)	
<i>Pleurosicya</i> sp.	
<i>Priolepis cinctus</i> (Regan, 1908)	
<i>Priolepis semidoliatus</i> (Valenciennes, 1837)	
<i>Trimma emeryi</i> Winterbottom, 1985	12
<i>Trimma macrophthalmia</i> Tomiyama, 1936	
<i>Trimma sheppardi</i> Winterbottom, 1984	
<i>Trimma taylori</i> Lobel, 1979	
<i>Valenciennesa helsdingenii</i> (Bleeker, 1858)	
<i>Valenciennesa sexguttata</i> (Valenciennes, 1937)	
<i>Valenciennesa strigata</i> (Broussonet, 1837)	5,9,10,12
MICRODESMIDAE ... WORM GOBIES	
<i>Gunnelichthys monostigma</i> Smith, 1958	
<i>Nemateleotris decora</i> Randall & Allen, 1973	
<i>Nemateleotris magnifica</i> Fowler, 1938	1,3,5,6,9,10,12
<i>Ptereleotris evides</i> (Jordan & Hubbs, 1925)	1,3,9
<i>Ptereleotris heteropterus</i> Bleeker, 1855	
<i>Ptereleotris microlepis</i> (Bleeker, 1849)	
<i>Ptereleotris zebra</i> Fowler, 1938	9,10,14
EPHIPPIDAE ... BATFISHES	
<i>Platax orbicularis</i> (Forsskål, 1775)	
<i>Platax teira</i> (Forsskål, 1775)	
ZANCLIDAE ... MOORISH IDOLS	
<i>Zanclus cornutus</i> Linnaeus, 1758	1,3,5,6,7,8,12,14
ACANTHURIDAE ... SURGEONFISHES	
<i>Acanthurus blochii</i> Valenciennes, 1835	10
<i>Acanthurus dussumieri</i> Valenciennes, 1835	5,8
<i>Acanthurus guttatus</i> Bloch & Schneider, 1801	1,3,8,9,10,12
<i>Acanthurus leucosternon</i> Bennett, 1832	1,3,5,8,9,14
<i>Acanthurus lineatus</i> (Linnaeus, 1758)	1,3,5,6,7,8,9,10,12,14
<i>Acanthurus maculiceps</i> (Ahl, 1923)	1,3,5,6,8,10,12,14
<i>Acanthurus mata</i> (Cuvier, 1829)	
<i>Acanthurus nigricans</i> (Linnaeus, 1758)	1,3,5,6,7,8,9,10,12,14
<i>Acanthurus nigricauda</i> Duncker & Mohr, 1929	
<i>Acanthurus nigrofuscus</i> (Forsskål, 1775)	1,3,5,6,8,10
<i>Acanthurus olivaceus</i> Bloch & Schneider, 1801	1,5,7,8,9,12,14
<i>Acanthurus pyroferus</i> Kittlitz, 1834	
<i>Acanthurus thompsoni</i> (Fowler, 1923)	1,8,9,12,14
<i>Acanthurus triostegus</i> (Linnaeus, 1758)	1,3,5,9,12,14
<i>Acanthurus xanthopterus</i> Valenciennes, 1835	
<i>Ctenochaetus striatus</i> (Quoy & Gaimard, 1824)	1,3,5,6,8,9,12,14
<i>Ctenochaetus strigosus</i> (Bennett, 1828)	1,3,5,6,8,9,10,12,14
<i>Naso brevirostris</i> (Valenciennes, 1835)	
<i>Naso hexacanthus</i> (Bleeker, 1855)	1,3,8,10,12
<i>Naso lituratus</i> (Bloch & Schneider, 1801)	1,3,5,6,8,9,10,12

Table 6 (cont.)

	Station numbers
<i>Naso tuberosus</i> Lacepède, 1802	
<i>Naso unicornis</i> (Forsskål, 1775)	1,3,8,10,14
<i>Naso vlaminghi</i> (Valenciennes, 1835)	3
<i>Paracanthurus hepatus</i> (Linnaeus, 1766)	
<i>Zebrasoma scopas</i> (Cuvier, 1829)	1,3,5,6,7,8,10,12,14
<i>Zebrasoma veliferum</i> (Bloch, 1797)	1,8
SPHYRAENIDAE ... BARRACUDAS	
<i>Sphyraena barracuda</i> (Walbaum, 1792)	
<i>Sphyraena flavicauda</i> Rüppell, 1838	
GEMPYLIDAE ... SNAKE MACKERELS	
<i>Promethichthys prometheus</i> (Cuvier, 1831)	
SCOMBRIDAE ... TUNAS	
<i>Acanthocybium solandri</i> (Cuvier, 1831)	
<i>Euthynnus affinis</i> (Cantor, 1849)	
<i>Gymnosarda unicolor</i> (Rüppell, 1835)	12
<i>Katsuwonus pelamis</i> (Linnaeus, 1758)	
<i>Thunnus albacares</i> (Bornaterre, 1788)	
ISTIOPHORIDAE ... SAILFISHES	
<i>Istiophorus platypterus</i> (Shaw & Nodder, 1792)	
<i>Makira mazara</i> (Jordan & Snyder, 1901)	
<i>Tetrapturus audax</i> (Phillipi, 1887)	
BOTHIDAE ... LEFT HANDED FLATFISHES	
<i>Bothus mancus</i> (Broussonet, 1782)	
<i>Bothus pantherinus</i> (Rüppell, 1830)	
SAMARIDAE... RIGHT HANDED FLATFISHES	
<i>Samaricus triocellatus</i> Woods, 1960	
SOLEIDAE ... SOLES	
<i>Aseraggodes melanostictus</i> (Peters, 1876)	
<i>Aseraggodes</i> sp.	
BALISTIDAE ... TRIGGERFISHES	
<i>Balastapus undulatus</i> (Park, 1797)	1,3,5,6,7,8,10,12,13,14
<i>Balistoides conspicillum</i> (Bloch & Schneider, 1801)	3,8,12,14
<i>Balistoides viridescens</i> (Bloch & Schneider, 1801)	1,5,6,12
<i>Melichthys indicus</i> Randall & Klausewitz, 1973	1,9
<i>Melichthys niger</i> (Bloch, 1786)	1,3,5,6,7,8,9,10,12,14
<i>Melichthys vidua</i> (Solander, 1844)	3,5,7,8,9,10,12,14
<i>Odonus niger</i> (Rüppell, 1836)	12
<i>Rhinecanthus rectangulus</i> (Bloch & Schneider, 1801)	1,3,5,7,8,10,12,13
<i>Sufflamen bursa</i> (Bloch & Schneider, 1801)	1,3,5,8,10,12,13,14
<i>Sufflamen chrysopterus</i> (Bloch & Schneider, 1801)	1,3,5,7,9,10,12,14
<i>Xanthichthys auromarginatus</i> (Bennett, 1831)	1,3,6,12,14
<i>Xanthichthys caeruleolineatus</i> Randall, Matsuura & Zama, 1978	8,12
MONACANTHIDAE ... LEATHERJACKETS	
<i>Alutera scripta</i> (Osbeck, 1765)	3
<i>Amanses scopas</i> (Cuvier, 1829)	1,3,5,9
<i>Cantherines dumerilii</i> (Hollard, 1854)	1,3,5,14
<i>Cantherines pardalis</i> (Rüppell, 1835)	1,3,5,6,10,14
<i>Oxymonacanthus longirostris</i> (Bloch & Schneider, 1801)	
<i>Paraluteres prionurus</i> (Bleeker, 1851)	
<i>Pervagor janthinosoma</i> (Bleeker, 1854)	
OSTRACIONTIDAE ... BOXFISHES	
<i>Ostracion cubicus</i> Linnaeus, 1758	12
<i>Ostracion meleagris</i> Shaw, 1796	1,3,5,13
<i>Ostracion solorensis</i> Bleeker, 1853	

Table 6 (cont.)

	Station numbers
TETRAODONTIDAE ... PUFFERFISHES	
<i>Arothron hispidus</i> (Linnaeus, 1758)	
<i>Arothron meleagris</i> (Lacepède, 1798)	1
<i>Arothron nigropunctatus</i> (Bloch & Schneider, 1801)	1,14
<i>Canthigaster amboinensis</i> (Bleeker, 1865)	3,5,14
<i>Canthigaster bennetti</i> (Bleeker, 1854)	
<i>Canthigaster epilampra</i> (Jenkins, 1903)	
<i>Canthigaster janthinoptera</i> (Bleeker, 1855)	
<i>Canthigaster tyleri</i> Allen & Randall, 1977	
<i>Canthigaster valentini</i> (Bleeker, 1853)	
DIODONTIDAE ... PORCUPINEFISHES	
<i>Diodon hystrix</i> Linnaeus, 1758	1,3
<i>Diodon liturosus</i> Shaw, 1806	
