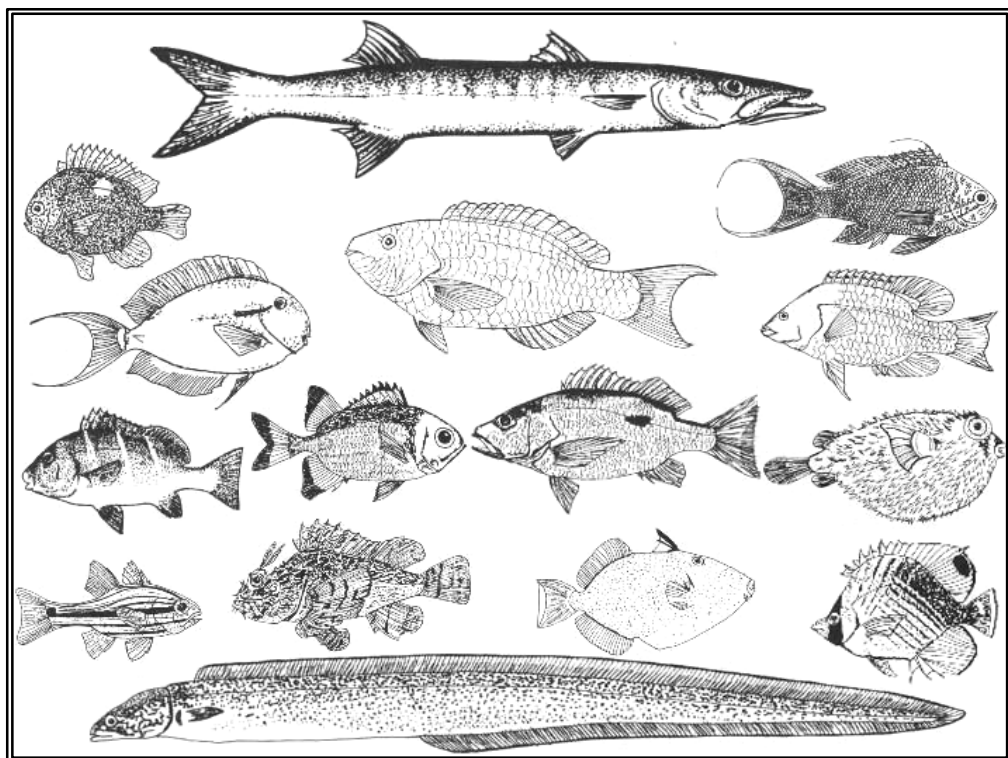


MINISTÉRIO PARA A COORDENAÇÃO DA ACÇÃO AMBIENTAL
CENTRO DE DESENVOLVIMENTO SUSTENTÁVEL DAS ZONAS COSTEIRAS
XAI-XAI

Programa de Gestão dos Recifes de Coral de Moçambique



Preliminary Checklist of
Reef-associated Fishes of Mozambique



Marcos A. M. Pereira

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Ministério para a Coordenação da Acção Ambiental

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The views of the author do not necessarily represent the views of MICOA, DANIDA or the Government of Mozambique.

Marcos A. M. Pereira

Maputo, August 2000

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BACKGROUND

Mozambique possesses the third longest coastline along the Western Indian Ocean, extending 2 700 Km, along which, areas of coral and rocky reefs with a very rich ichthyofauna are found. Coral and rocky reefs occur in Mozambique in three well defined regions (Tinley, 1971):

- 1) The northern coast extending 770 km from the Rovuma River in the north (10°20'S) to Pebane in the south (17°20'S). This is essentially a coral coast with an almost continuous fringing coral reef.
- 2) The central coast from Pebane to Bazaruto Island (21°10'S) spans approximately 950 km and is classified as a swamp coast, where coral formation is limited and their occurrence is restricted to its northern and southern limits, and
- 3) The southern coast, stretching 850 km from Bazaruto Island southward to Ponta do Ouro (26°50'S). High parabolic dunes, north-trending capes, barrier lakes and patchy, rocky reefs with scattered corals characterize this region.

The reefs occurring in these three regions were described in recent publications (Rodrigues *et al.*, 2000; Rodrigues & Motta, in prep.) and an indicative study using Geographic Information System (GIS) revealed an estimated area of 1290 Km² (Motta, 2000).

Coral and rocky reefs are two of the most important marine ecosystems in terms of their biodiversity and the fisheries they support. Fishes constitute an important resource in Mozambique and its contribution to the overall economy of the country is substantial. The artisanal fishery is the most important as a food source – almost 70% of the total annual catch (Palha de Sousa, 1996) and is largely carried out on reef areas (Fischer *et al.*, 1990). Despite this, our knowledge of fish resources is extremely scarce. The general and basic biological and ecological aspects are not studied. Information on the diversity, distribution, and abundance and on the reef-associated fishery in Mozambique is also scarce.

Mozambique's Coral Reef Management Programme (MCRMP) initiated in 1998 and one of its aims and objectives is the collection and synthesis of relevant information and scientific data in support of sound management. This report falls within the scope and framework of the MCRMP.

RATIONALE AND SCOPE OF THE CHECKLIST

Mozambique has a recent history in coral reef research and only very recently Mozambican scientists have conducted research and published their findings regarding reef-associated fishes (e.g. Loureiro, 1998; Rodrigues *et al.*, 1999; Pereira, 2000).

Within the MCRMP, various activities have been carried out including research, monitoring and impact assessment. To be able to perform such tasks, marine scientists must have access to resources that will allow them to make accurate and consistent identifications of the biological components of the community. Accuracy and consistency of identification are integral parts of the research and monitoring activities, an enterprise whose results must be both scientifically valid and defensible. The more accurate and consistent the identification of the biological components of the marine community are, the more likely it is that trends can be detected. Because of its great diversity, identifying fishes to the species level can be difficult and time-consuming for the non-specialist. Common impediments to the identification process include scattered or incomplete information, out-of-date literature, and occurrences of “new” (un-described) or extralimital species. Moreover, the classification of reef-associated fishes is dynamic, changing as the understanding of phylogenetic relationships increases, so even quite familiar names may change from time to time.

All of these factors pose problems of accuracy and consistency for those who are conducting research in reef-associated fishes in Mozambique. Only one comprehensive guide (Fisher *et al.*, 1990) has been produced in Mozambique, which is mainly concerned with commercial species and is suited for fisheries purposes. So, the production, distribution, and periodic updating of authoritative identification guides would do much to improve the accuracy and consistency of identifications. By making these guides available to those engaged in reef-associated fish assessments in many separate investigations, we can help to ensure that the same animal will be consistently identified by the same name and that the name selected will be based upon the most accurate information. Problems posed by re-classifications or by the appearances of “new” (undescribed, recently described, or extralimital) species can be mitigated by periodic and timely updates of the guides.

A first step in producing identification guides is to prepare authoritative, up-to-date checklists of all species of the major families. Such checklists will serve two purposes – they will provide marine scientists with up-to-date names for most of Mozambique’s fishes, and they will

provide a basis from which to plan the scope and production of illustrated guides. The purpose of this paper is to initiate that first step. The checklists that follow list all species of reef-associated fishes known to occur in Mozambique's marine coastal and offshore waters to depths of approximately 50 meters. The 50-m depth was selected as a deep-water boundary because this depth has been shown to be an approximate limit point of coral reef growth and development in Mozambican waters. Marine science students and scientists, fisheries agents, environmental managers and all laymen interested in fish diversity will find good use for it, either as a reference guide for the correct identification or as an up-dated taxonomic reference of the reef-associated fishes of Mozambique.

This report lists 794 species, in 93 families, but should not be considered a complete listing of all species of reef-associated fishes that live in Mozambique waters. Because there are many undescribed species, especially of the smaller-sized families such as Gobiidae and Blenniidae and many species currently known only from nearby states and countries (e.g. Madagascar, Seycheles, Reunion, Kenya) that could also occur in Mozambique waters, this list is likely to grow as more research is conducted.

The sound management of Mozambique's marine resources will depend not only upon the consistent and accurate identification of organisms but also upon an understanding and appreciation of the composition and dynamics of the communities in which these organisms live.

METHODS

The initial draft of this list was based on the information on the *FishBase* CD-ROM (Froese & Pauly, 1999). Other published lists joined it along with some personal unpublished data. All the species included are definitely inhabitants of reef ecosystems, either rocky or coral. As in Mozambique, these two types of reefs almost share the same geographic location and many areas of rocky reefs are colonised by corals, a joined list of reef-associated fishes, was a direct logic choice.

The species names on this list are presented in alphabetic arrangement within families and genera. Authorities (original author and date) are provided for each species. Taxonomy follows Smith & Heemstra (1995). Species with occurrence to be confirmed in Mozambique or doubtful reports of sightings or occurrence were not included.

Species lists consulted, with a national covering, were Smith (1953, 1955); Fischer *et al.* (1990), Smith & Heemstra (1995), Froese & Pauly (1999) and Rodrigues *et al.* (1999). Regional information sources were consulted for the Quirimbas Archipelago (Whittington *et al.*, 1998), Bazaruto Archipelago (Dutton & Zolho, 1989), Inhambane (Whittington *et al.*, 2000) and Ponta do Ouro – Santa Maria (Robertson *et al.*, 1996; Wood, unpublished). Other literature, with a more localized cover, were consulted for Ibo Island (S. Planes & N. Bailly, personal communication), Mozambique Island (MICOA/IIP, 1999), S. Lazáro Reef (Moreira Rato, 1985); Nacala-Porto, Mossuril, Palma and Mocímboa da Praia (Telford *et al.*, 1999), Caldeira Island (Wood, unpublished), Mafamede and Santo António Islands (Whittington, unpublished), Inhaca Island (Sanches, 1963; Smith, 1969; Kalk, 1995; Nagel & Degerstedt, 1999; Pereira, 2000; Simões, in prep.; Pereira, unpublished), Mecúfi (Loureiro, 1998), Xai-Xai (UNEP, 1997; Pereira, unpublished).

Methodology followed in order to obtain these species lists differs accordingly to the primary scope and purpose of the research conducted. Overall, two basic types of methods were used: (i) visual identifications, with the aid of SCUBA equipment or only snorkel gear; and (ii) fishing methods, including spearfishing, hook and line, various types of nets and ichthyocides.

Copies of the draft list were sent to reviewers (see acknowledgments), each of whom provided comments that improved the final document.

LIST OF SPECIES

ACANTHURIDAE

Acanthurus bariene Lesson, 1831
Acanthurus blochii Valenciennes, 1835
Acanthurus dussumieri Valenciennes, 1835
Acanthurus gahhm (Forsskål, 1775)
Acanthurus leucosternon Bennett, 1833
Acanthurus lineatus (Linnaeus, 1758)
Acanthurus mata Cuvier, 1829
Acanthurus nigricauda Duncker & Mohr, 1929
Acanthurus nigrofuscus (Forsskål, 1775)
Acanthurus tennentii Günther, 1861
Acanthurus thompsoni (Fowler, 1923)
Acanthurus triostegus (Linnaeus, 1758)
Acanthurus xanthopterus Valenciennes, 1835
Ctenochaetus binotatus Randall, 1955
Ctenochaetus striatus (Quoy & Gaimard, 1825)
Ctenochaetus strigosus (Bennett, 1828)
Naso annulatus (Quoy & Gaimard, 1825)
Naso brachycentron (Valenciennes, 1835)
Naso brevirostris (Valenciennes, 1835)
Naso fageni Morrow, 1954
Naso hexacanthus (Bleeker, 1855)
Naso lituratus (Forster, 1801)
Naso minor (Smith, 1966)
Naso thynnoides (Valenciennes, 1835)
Naso tuberosus Lacepède, 1802
Naso unicornis (Forsskål, 1775)
Naso vlamingii (Valenciennes, 1835)
Paracanthurus hepatus (Linnaeus, 1766)
Zebrasoma gemmatum (Valenciennes, 1835)
Zebrasoma scopas (Cuvier, 1829)
Zebrasoma veliferum (Bloch, 1795)

ALBULIDAE

Albula vulpes (Linnaeus, 1758)

ANTENNARIIDAE

Antennarius coccineus (Lesson, 1831)
Antennarius commersoni (Latreille, 1804)
Antennarius dorehensis Bleeker, 1859
Antennarius hispidus (Bloch & Schneider, 1801)
Antennarius nummifer (Cuvier, 1817)
Antennarius pictus (Shaw, 1794)
Antennarius striatus (Shaw, 1794)
Antennarius tuberosus (Cuvier, 1817)

APOGONIDAE

Apogon angustatus (Smith & Radcliffe, 1911)
Apogon apogonides (Bleeker, 1856)
Apogon aureus (Lacepède, 1802)
Apogon bandanensis Bleeker, 1854
Apogon coccineus Rüppell, 1838
Apogon cookii Macleay, 1881
Apogon cyanosoma Bleeker, 1853
Apogon flagelliferus (Smith, 1961)
Apogon fraenatus Valenciennes, 1832
Apogon fragilis Smith, 1961
Apogon kallopterus Bleeker, 1856
Apogon kiensis Jordan & Snyder, 1901
Apogon lateralis Valenciennes, 1832
Apogon leptacanthus Bleeker, 1856
Apogon nigripinnis Cuvier, 1828
Apogon nitidus Smith, 1961
Apogon novemfasciatus Cuvier, 1828
Apogon semiornatus Peters, 1876
Apogon taeniophorus Regan, 1908

- Apogon thermalis* Cuvier, 1829
Apogonichthys ocellatus (Weber, 1913)
Archamia fucata (Cantor, 1849)
Archamia lineolata (Cuvier, 1828)
Archamia mozambiquensis Smith, 1961
Cheilodipterus artus Smith, 1961
Cheilodipterus lineatus (Forsskål, 1775)
Cheilodipterus macrodon (Lacepède, 1802)
Cheilodipterus quinquelineatus Cuvier, 1828
Foa brachygramma (Jenkins, 1903)
Fowleria aurita (Valenciennes, 1831)
Gymnapogon africanus Smith, 1954
Neamia octospina Smith & Radcliffe, 1912
Pseudamia gelatinosa Smith, 1955
Rhabdamia gracilis (Bleeker, 1856)
Siphamia mossambica Smith, 1955
- ATHERINIDAE
- Atherinomorus duodecimalis* (Valenciennes, 1835)
Atherinomorus lacunosus (Forster, 1801)
Hypoatherina barnesi Schultz, 1953
Hypoatherina temminckii (Bleeker, 1853)
- AULOSTOMIDAE
- Aulostomus chinensis* (Linnaeus, 1766)
- BALISTIDAE
- Abalistes stellaris* (Bloch & Schneider, 1801)
Balistapus undulatus (Park, 1797)
Balistoides conspicillum (Bloch & Schneider, 1801)
Balistoides viridescens (Bloch & Schneider, 1801)
Melichthys indicus Randall & Klauswitz, 1973
Melichthys niger (Bloch, 1786)
Melichthys vidua (Richardson, 1845)
- Odonus niger* (Rüppell, 1836)
Pseudobalistes flavimarginatus (Rüppell, 1829)
Pseudobalistes fuscus (Bloch & Schneider, 1801)
Rhinecanthus aculeatus (Linnaeus, 1758)
Rhinecanthus rectangulus (Bloch & Schneider, 1801)
Sufflamen bursa (Bloch & Schneider, 1801)
Sufflamen chrysopterus (Bloch & Schneider, 1801)
Sufflamen fraenatus (Latreille, 1804)
Xanthichthys lineopunctatus (Hollard, 1854)
- BELONIDAE
- Tylosurus crocodilus* (Peron & LeSueur, 1821)
- BLENNIIDAE
- Alloblennius parvus* (Springer & Spreitzer, 1978)
Aspidontus dussumieri (Valenciennes, 1836)
Aspidontus taeniatus tractus Fowler, 1903
Blenniella cyanostigma (Bleeker, 1849)
Blenniella gibbifrons (Quoy & Gaimard, 1824)
Cirripectes castaneus (Valenciennes, 1836)
Ecsenius midas (Starck, 1969)
Ecsenius nalolo Smith, 1959
Exallias brevis (Kner, 1868)
Istiblennius dussumieri Valenciennes, 1836
Petroscirtes mitratus Rüppell, 1830
Plagiotremus rhinorhynchos (Bleeker, 1852)
Plagiotremus tapeinosoma (Bleeker, 1857)
Salarias fasciatus (Bloch, 1786)
Salarias sinuosus Snyder, 1908

BOTHIDAE

Asterorhombus fijiensis (Norman, 1931)*Bothus mancus* (Broussonet, 1782)*Bothus pantherinus* (Rüppell, 1830)

CAESIONIDAE

Caesio caeruleaurea Lacepède, 1801*Caesio lunaris* Cuvier, 1830*Caesio teres* Seale, 1906*Caesio varilineata* Carpenter, 1987*Caesio xanthonota* Bleeker, 1853*Pterocaesio capricornis* Smith & Smith, 1963*Pterocaesio marri* Schultz, 1953*Pterocaesio tile* (Cuvier, 1830)

CALLIONYMIDAE

Callionymus marleyi Regan, 1919*Synchiropus marmoratus* (Peters, 1855)*Synchiropus postulus* Smith, 1963*Synchiropus stellatus* Smith, 1963

CARACANTHIDAE

Caracanthus madagascariensis (Guichenot, 1869)*Caracanthus unipinna* (Gray, 1831)

CARANGIDAE

Alectis indicus (Rüppell, 1830)*Alepes djedaba* (Forsskål, 1775)*Carangoides armatus* (Rüppell, 1830)*Carangoides caeruleopinnatus* (Rüppell, 1830)*Carangoides chrysophrys* (Cuvier, 1833)*Carangoides dinema* Bleeker, 1851*Carangoides ferdau* (Forsskål, 1775)*Carangoides fulvoguttatus* (Forsskål, 1775)*Carangoides gymnostethus* (Cuvier, 1833)*Carangoides malabaricus* (Bloch & Schneider, 1801)*Carangoides plagiotaenia* Bleeker, 1857*Caranx ignobilis* (Forsskål, 1775)*Caranx melampygyus* Cuvier, 1833*Caranx papuensis* Alleyne & MacLeay, 1877*Caranx sem* Cuvier, 1833*Caranx sexfasciatus* Quoy & Gaimard, 1825*Caranx tille* Cuvier, 1833*Decapterus russelli* (Rüppell, 1830)*Elagatis bipinnulata* (Quoy & Gaimard, 1824)*Gnathanodon speciosus* (Forsskål, 1775)*Scomberoides commersonianus* Lacepède, 1801*Scomberoides lysan* (Forsskål, 1775)*Scomberoides tol* (Cuvier, 1832)*Selar crumenophthalmus* (Bloch, 1793)*Seriola dumerili* (Risso, 1810)*Seriolina nigrofasciata* (Rüppell, 1829)*Trachinotus africanus* Smith, 1967*Trachinotus blochii* (Lacepède, 1801)

CARCHARHINIDAE

Carcharhinus albimarginatus (Rüppell, 1837)*Carcharhinus amblyrhynchos* (Bleeker, 1856)*Carcharhinus brevipinna* (Müller & Henle, 1838)*Carcharhinus leucas* (Valenciennes, 1839)*Carcharhinus limbatus* (Müller & Henle, 1839)*Carcharhinus melanopterus* (Quoy & Gaimard, 1824)*Carcharhinus sealei* (Pietschmann, 1913)*Carcharhinus sorrah* (Müller & Henle, 1839)

- Carcharhinus wheeleri* Garrick, 1982
Galeocerdo cuvier (Peron & Lesueur, 1822)
Triaenodon obesus (Rüppell, 1837)
- CENTRISCIDAE
- Aeoliscus punctulatus* (Bianconi, 1855-59)
- CHAETODONTIDAE
- Chaetodon auriga* Forsskål, 1775
Chaetodon bennetti Cuvier, 1831
Chaetodon blackburnii Desjardins, 1836
Chaetodon dolosus Ahl, 1923
Chaetodon falcula Bloch, 1795
Chaetodon guttatissimus Bennett, 1833
Chaetodon interruptus Ahl, 1923
Chaetodon kleinii Bloch, 1790
Chaetodon lineolatus Cuvier, 1831
Chaetodon lunula (Lacepède, 1802)
Chaetodon mertensii Cuvier, 1831
Chaetodon marleyi Regan, 1921
Chaetodon melannotus Bloch & Schneider, 1801
Chaetodon meyeri Bloch & Schneider, 1801
Chaetodon trifascialis Quoy & Gaimard, 1825
Chaetodon trifasciatus Park, 1797
Chaetodon vagabundus Linnaeus, 1758
Chaetodon xanthocephalus Bennett, 1833
Chaetodon zanzibariensis Playfair, 1867
Forcipiger flavissimus Jordan & McGregor, 1898
Hemitaurichthys zoster (Bennett, 1831)
Heniochus acuminatus (Linnaeus, 1758)
Heniochus monoceros Cuvier, 1831
- CHEILODACTYLIDAE
- Chirodactylus brachydactylus* (Cuvier, 1830)
- Chirodactylus jessicalenorum* Smith, 1980
- CHIROCENTRIDAE
- Chirocentrus dorab* (Forsskål, 1775)
- CIRRHITIDAE
- Amblycirrhitus bimacula* (Jenkins, 1903)
Cirrhitichthys aprinus (Cuvier, 1829)
Cirrhitichthys oxycephalus (Bleeker, 1855)
Cirrhitus pinnulatus (Forster, 1801)
Paracirrhites arcatus (Cuvier, 1829)
Paracirrhites forsteri (Schneider, 1801)
- CLUPEIDAE
- Herklotsichthys quadrimaculatus* (Rüppell, 1837)
Sardinella gibbosa (Bleeker, 1849)
Spratelloides delicatulus (Bennett, 1832)
- CONGRIDAE
- Ariosoma scheelei* (Strömman, 1896)
Conger cinereus cinereus Rüppell, 1830
- CONGROGADIDAE
- Halimuraena shakai* Winterbottom, 1978
- CORACINIDAE
- Coracinus multifasciatus* (Pellegrin, 1914)
- CREEDIIDAE
- Limnichthys nitidus* Smith, 1958
- DACTYLOPTERIDAE
- Dactyloptena orientalis* (Cuvier, 1829)

DASYATIDAE

- Dasyatis brevicaudata* (Hutton, 1875)
Dasyatis kuhlii (Müller & Henle, 1841)
Dasyatis thetidis Ogilby, 1899
Himantura uarnak (Forsskål, 1775)
Taeniura lymma (Forsskål, 1775)
Taeniura melanospilos Bleeker, 1853
Taeniura meyeni Müller & Henle, 1841
Urogymnus asperrimus (Bloch & Schneider, 1801)

DINOPERCIDAE

- Dinoperca petersi* (Day, 1875)

DIODONTIDAE

- Cylichthys spilostylus* (Leis & Randall, 1982)
Diodon hystrix Linnaeus, 1758
Diodon liturosus Shaw, 1804
Lophodiodon calori (Bianconi, 1855)

DREPANIDAE

- Drepane longimanus* (Bloch & Schneider, 1801)

ECHENEIDAE

- Echeneis naucrates* Linnaeus, 1758
Remora remora (Linnaeus, 1758)

ELEOTRIDAE

- Calumia godeffroyi* (Günther, 1877)
Xenisthmus africanus Smith, 1958

EPHIPPIDAE

- Platax orbicularis* (Forsskål, 1775)
Platax pinnatus (Linnaeus, 1758)
Platax teira (Forsskål, 1775)

- Tripteron orbis* Playfair, 1867

FISTULARIIDAE

- Fistularia commersonii* Rüppell, 1838
Fistularia petimba Lacèpede, 1803

GERREIDAE

- Gerres acinases* Bleeker, 1854
Gerres oblongus Cuvier, 1830
Gerres oyena (Forsskål, 1775)

GOBIESOCIDAE

- Lepadichthys coccinotaenia* Regam, 1921

GOBIIDAE

- Amblygobius albimaculatus* (Rüppell, 1830)
Amblygobius semicinatus (Bennett, 1833)
Amblygobius sphynx (Valenciennes, 1837)
Asterropteryx semipunctatus Rüppell, 1830
Austrolethops wardi Whitley, 1935
Bathygobius cyclopterus (Valenciennes, 1837)
Callogobius bifasciatus (Smith, 1958)
Callogobius maculipinnis (Fowler, 1918)
Callogobius sclateri (Steindachner, 1879)
Coryphopterus longispinus (Goren, 1978)
Cryptocentrus strigilliceps (Jordan & Seale, 1906)
Eviota albolineata Jewett & Lachner, 1983
Eviota prasina (Kluzinger, 1871)
Exyrias belissimus (Smith, 1959)
Fusigobius duospillus Hoese & Reader, 1985
Fusigobius longispinus Goren, 1978
Fusigobius neophytus (Günther, 1877)
Gnatholepis cauerensis (Bleeker, 1853)
Gobiodon citrinus (Rüppell, 1838)

Gobiodon rivulatus (Rüppell, 1830)
Heteroleotris caminata (Smith, 1958)
Heteroleotris tentaculata (Smith, 1958)
Heteroleotris zanzibarensis (Smith, 1958)
Istigobius decoratus (Herre, 1927)
Istigobius ornatus (Rüppell, 1830)
Mahidolia mystacina (Valenciennes, 1837)
Nemateleotris magnifica Fowler, 1938
Paragobiodon echinocephalus (Rüppell, 1830)
Paragobiodon modestus (Regan, 1908)
Pleurosicya mossambica Smith, 1959
Pleurosicya muscarum (Jordan & Seale, 1906)
Priolepis cincta (Regan, 1908)
Priolepis inhaca (Smith, 1949)
Priolepis semidoliatus (Valenciennes, 1837)
Ptereleotris evides (Jordan & Hubbs, 1925)
Ptereleotris heteroptera (Bleeker, 1855)
Trimma corallina (Smith, 1959)
Trimma flammeum (Smith, 1959)
Trimma macrophthalma (Tomiya, 1936)
Valenciennea helsdingenii (Bleeker, 1858)
Valenciennea sexguttata (Valenciennes, 1837)
Vanderhorstia delagoae (Barnard, 1937)
Vanderhorstia ornatissima Smith, 1959
Yongeichthys nebulosus (Forsskål, 1775)

GRAMMISTIDAE

Aulacocephalus temmincki Bleeker, 1854
Belonoperca chabanaudi Fowler & Bean, 1930
Grammistes sexlineatus (Thunberg, 1792)
Grammistops ocellatus Schultz, 1953

HAEMULIDAE

Diagramma pictum (Thunberg, 1792)

Plectorhinchus chubbi (Regan, 1919)
Plectorhinchus flavomaculatus (Cuvier, 1830)
Plectorhinchus gaterinus (Forsskål, 1775)
Plectorhinchus gibbosus (Lacepède, 1802)
Plectorhinchus orientalis (Bloch, 1793)
Plectorhinchus plagiodesmus Fowler, 1935
Plectorhinchus playfairi (Pellegrin, 1914)
Plectorhinchus schotaf (Forsskål, 1775)
Plectorhinchus sordidus (Klunzinger, 1870)
Pomadasys furcatum (Bloch & Schneider, 1801)
Pomadasys kaakan (Cuvier, 1830)
Pomadasys maculatus (Bloch, 1793)
Pomadasys olivaceus (Day, 1875)
Pomadasys stridens (Forsskål, 1775)

HEMIRAMPHIDAE

Hemiramphus far (Forsskål, 1775)
Hyporhamphus affinis (Günther, 1866)

HOLOCENTRIDAE

Myripristis adusta Bleeker, 1853
Myripristis berndti Jordan & Evermann, 1903
Myripristis botche Cuvier, 1829
Myripristis hexagona (Lacepède, 1802)
Myripristis kuntee Cuvier, 1831
Myripristis murdjan (Forsskål, 1775)
Myripristis pralinia Cuvier, 1829
Neoniphon argenteus (Valenciennes, 1831)
Neoniphon opercularis (Valenciennes, 1831)
Neoniphon sammara (Forsskål, 1775)
Plectrypops lima (Valenciennes, 1831)
Sargocentron caudimaculatum (Rüppell, 1838)
Sargocentron diadema (Lacepède, 1802)
Sargocentron ittodai (Jordan & Fowler, 1903)

Sargocentron macrosquamis Golani, 1984

Sargocentron praslin (Lacepède, 1802)

Sargocentron punctatissimum (Cuvier, 1829)

Sargocentron rubrum (Forsskål, 1775)

Sargocentron spiniferum (Forsskål, 1775)

Sargocentron tiereoides (Bleeker, 1853)

KUHLIIDAE

Kuhlia mugil (Schneider, 1801)

KYPHOSIDAE

Kyphosus bigibbus Lacepède, 1801

Kyphosus cinerascens (Forsskål, 1775)

Kyphosus vaigiensis (Quoy & Gaimard, 1825)

LABRIDAE

Anampses caeruleopunctatus Rüppell, 1829

Anampses lineatus Randall, 1972

Anampses meleagrides Valenciennes, 1840

Anampses twistii Bleeker, 1856

Anchichoerops natalensis (Gilchrist & Thompson, 1909)

Bodianus anthioides (Bennett, 1830)

Bodianus axillaris (Bennett, 1832)

Bodianus bilunulatus (Lacepède, 1801)

Bodianus diana (Lacepède, 1801)

Bodianus leucosticticus (Bennett, 1832)

Bodianus perditio (Quoy & Gaimard, 1834)

Cheilinus bimaculatus Valenciennes, 1840

Cheilinus chlorourus (Bloch, 1791)

Cheilinus diagrammus (Lacepède, 1801)

Cheilinus fasciatus (Bloch, 1791)

Cheilinus oxycephalus Bleeker, 1853

Cheilinus trilobatus Lacepède, 1801

Cheilinus undulatus Rüppell, 1835

Cheilio inermis (Forsskål, 1775)

Choerodon gymnogenys (Günther, 1867)

Choerodon robustus (Günther, 1862)

Cirrhilabrus exquisitus Smith, 1957

Coris aygula Lacepède, 1801

Coris caudimacula (Quoy & Gaimard, 1834)

Coris frerei Günther, 1867

Coris formosa (Bennett, 1830)

Coris gaimard africana Smith, 1957

Cymolutes praetextatus (Quoy & Gaimard, 1834)

Decodon grandisquamis (Smith, 1968)

Epibulus insidiator (Pallas, 1770)

Gomphosus caeruleus Lacepède, 1801

Halichoeres dussumieri (Valenciennes, 1839)

Halichoeres hortulanus (Lacepède, 1801)

Halichoeres iridis Randall & Smith, 1982

Halichoeres lapillus Smith, 1947

Halichoeres marginatus Rüppell, 1835

Halichoeres nebulosus (Valenciennes, 1839)

Halichoeres scapularis (Bennett, 1832)

Hemigymnus fasciatus (Bloch, 1792)

Hemigymnus melapterus (Bloch, 1791)

Hologymnosus annulatus (Lacepède, 1801)

Hologymnosus doliatus (Lacepède, 1801)

Labrichthys unilineatus (Guichenot, 1847)

Labroides bicolor Fowler & Bean, 1928

Labroides dimidiatus (Valenciennes, 1839)

Macropharyngodon bipartitus Smith, 1957

Macropharyngodon vivienae Randall, 1978

Novaculichthys macrolepidotus (Lacepède, 1801)

Novaculichthys taeniourus (Lacepède, 1801)

Oxycheilinus bimaculatus (Valenciennes, 1840)

- Oxycheilinus digrammus* (Lacepède, 1801)
Pseudocheilinus evanidus Jenkins, 1901
Pseudocheilinus hexataenia (Bleeker, 1857)
Pseudodax moluccanus (Valenciennes, 1840)
Pseudojuloides cerasinus (Snyder, 1904)
Pteragogus flagellifer (Valenciennes, 1839)
Stethojulis albovittata (Bonnaterre, 1788)
Stethojulis interrupta (Bleeker, 1851)
Stethojulis strigiventer (Bennett, 1832)
Thalassoma amblycephalum (Bleeker, 1856)
Thalassoma hardwicke (Bennett, 1830)
Thalassoma hebraicum (Lacepède, 1801)
Thalassoma lunare (Linnaeus, 1758)
Thalassoma purpureum (Forsskål, 1775)
Thalassoma trilobatum (Lacepède, 1801)
Wetmorella nigropinnata (Seale, 1901)
Xyrichtys pavo Valenciennes, 1840
- LETHRINIDAE
- Gnathodentex aureolineatus* (Lacepède, 1802)
Gymnocranius grandoculis (Valenciennes, 1830)
Gymnocranius griseus (Temminck & Schlegel, 1843)
Lethrinus conchyliatus (Smith, 1959)
Lethrinus crocineus Smith, 1959
Lethrinus elongatus Valenciennes, 1830
Lethrinus harak (Forsskål, 1775)
Lethrinus hypselopterus Bleeker, 1873
Lethrinus kallopterus Bleeker, 1856
Lethrinus lenjan (Lacepède, 1802)
Lethrinus mahsena (Forsskål, 1775)
Lethrinus mahsenoides Valenciennes, 1830
Lethrinus nebulosus (Forsskål, 1775)
Lethrinus ramak (Forsskål, 1775)
Lethrinus rubrioperculatus Sato, 1978
- Lethrinus sanguineus* Smith, 1955
Lethrinus variegatus Valenciennes, 1830
Lethrinus xanthochilus Klunzinger, 1870
Monotaxis grandoculis (Forsskål, 1775)
- LUTJANIDAE
- Aphareus furca* (Lacepède, 1801)
Aphareus rutilans Cuvier, 1830
Aprion virescens Valenciennes, 1830
Lutjanus argentimaculatus (Forsskål, 1775)
Lutjanus bohar (Forsskål, 1775)
Lutjanus ehrenbergii (Peters, 1869)
Lutjanus fulviflamma (Forsskål, 1775)
Lutjanus fulvus (Forster, 1801)
Lutjanus gibbus (Forsskål, 1775)
Lutjanus kasmira (Forsskål, 1775)
Lutjanus lemniscatus (Valenciennes, 1828)
Lutjanus lutjanus Bloch, 1790
Lutjanus monostigma (Cuvier, 1828)
Lutjanus notatus (Cuvier, 1828)
Lutjanus rivulatus (Cuvier, 1828)
Lutjanus russellii (Bleeker, 1849)
Lutjanus sanguineus (Cuvier, 1828)
Lutjanus sebae (Cuvier, 1816)
Macolor niger (Forsskål, 1775)
Paracaesio xanthurus (Bleeker, 1869)
Pinjalo pinjalo (Bleeker, 1850)
Pristipomoides multidens (Day, 1870)
- MALACANTHIDAE
- Malacanthus brevirostris* Guichenot, 1848
Malacanthus latovittatus (Lacepède, 1801)

MENIDAE

Mene maculata (Bloch & Schneider, 1801)

MOBULIDAE

Manta birostris (Donndorff, 1798)

MONACANTHIDAE

Aluterus monoceros (Linnaeus, 1758)

Aluterus scriptus (Osbeck, 1765)

Amanses scopas (Cuvier, 1829)

Cantherhines dumerili (Hollard, 1854)

Cantherhines fronticinctus (Günther, 1867)

Cantherhines pardalis (Rüppell, 1837)

Oxymonacanthus longirostris (Bloch & Schneider, 1801)

Paraluteres prionurus (Bleeker, 1851)

Pervagor janthinosoma (Bleeker, 1854)

Pseudalutarius nasicornis (Temminck & Schlegel, 1850)

Stephanolepis auratus (Casltelnau, 1861)

Thamnaconus modestoides (Barnard, 1927)

MONODACTYLIDAE

Monodactylus argenteus (Linnaeus, 1758)

MUGILIDAE

Crenimugil crenilabis (Forsskål, 1775)

Liza vaigiensis (Quoy & Gaimard, 1825)

Valamugil engeli (Bleeker, 1858)

Valamugil seheli (Forsskål, 1775)

MULLIDAE

Mulloides flavolineatus (Lacepède, 1801)

Mulloides vanicolensis (Valenciennes, 1831)

Parupeneus barberinus (Lacepède, 1801)

Parupeneus bifasciatus (Lacepède, 1801)

Parupeneus cinnabarinus (Cuvier, 1829)

Parupeneus cyclostomus (Lacepède, 1801)

Parupeneus indicus (Shaw, 1803)

Parupeneus macronema (Lacepède, 1801)

Parupeneus pleurostigma (Bennett, 1831)

Parupeneus rubescens (Lacepède, 1801)

Upeneus sulphureus Cuvier, 1829

Upeneus taeniopterus Cuvier, 1829

Upeneus tragula Richardson, 1846

Upeneus vittatus (Forsskål, 1775)

MURAENIDAE

Echidna leucotaenia Schultz, 1943

Echidna nebulosa (Ahl, 1789)

Echidna polyzona (Richardson, 1845)

Gymnomuraena zebra (Shaw, 1797)

Gymnothorax buroensis (Bleeker, 1857)

Gymnothorax eurostus (Abbott, 1861)

Gymnothorax favagineus Bloch & Schneider, 1801

Gymnothorax flavimarginatus (Rüppell, 1830)

Gymnothorax javanicus (Bleeker, 1859)

Gymnothorax margaritophorus Bleeker, 1865

Gymnothorax melatremus (Schultz, 1953)

Gymnothorax meleagris (Shaw, 1795)

Gymnothorax monochrous (Bleeker, 1856)

Gymnothorax permistus (Smith, 1962)

Gymnothorax phasmatodes (Smith, 1962)

Gymnothorax pictus (Ahl, 1789)

Gymnothorax pindae Smith, 1962

Gymnothorax richardsoni (Bleeker, 1852)

Gymnothorax rueppelliae (McClelland, 1844)

Gymnothorax undulatus (Lacepède, 1803)

Gymnothorax zonipectis Seale, 1906

Siderea grisea (Lacepède, 1803)

Siderea picta (Ahl, 1789)

Uropterygius concolor Rüppell, 1838

Uropterygius micropterus (Bleeker, 1852)

Uropterygius tigrinus (Lesson, 1829)

Uropterygius xanthopterus Bleeker, 1859

MYLIOBATIDAE

Aetobatus narinari (Euphrasen, 1790)

Rhinoptera javanica Müller & Henle, 1841

NEMIPTERIDAE

Scolopsis bimaculatus Rüppell, 1828

Scolopsis ghanam (Forsskål, 1775)

Scolopsis vosmeri (Bloch, 1792)

OPHICHTHIDAE

Leiuranus semicinctus (Lay & Bennett, 1839)

Muraenichthys laticaudata (Ogilby, 1897)

Myrichthys colubrinus (Boddaert, 1781)

Myrichthys maculosus (Cuvier, 1816)

Phyllophichthus xenodontus Gosline, 1951

OPHIDIIDAE

Brotula multibarbata Temminck & Schlegel, 1846

OPISTOGNATHIDAE

Opistognathus magarettae Smith-Vaniz, 1983

OPLEGNATHIDAE

Oplegnathus peaolopesi Smith, 1947

Oplegnathus robinsoni (Regan, 1916)

ORECTOLOBIDAE

Nebrius ferrugineus (Lesson, 1831)

OSTRACIIDAE

Lactoria cornuta (Linnaeus, 1758)

Lactoria diaphana (Bloch & Schneider, 1801)

Lactoria fornasini (Bianconi, 1846)

Ostracion cubicus Linnaeus, 1758

Ostracion meleagris Shaw, 1796

PEMPHERIDAE

Parapriacanthus ransonneti Steindachner, 1870

Pempheris adusta Bleeker, 1877

Pempheris mangula Cuvier, 1829

PINGUIPEDIDAE

Parapercis hexophtalma (Cuvier, 1829)

Parapercis punctulata (Cuvier, 1829)

Parapercis robinsoni Fowler, 1929

Parapercis xanthozona (Bleeker, 1849)

PLATYCEPHALYDAE

Onigocia oligolepsis (Reagan, 1908)

Papilloculiceps longiceps (Cuvier, 1829)

Thysanophrys arenicola Schultz, 1966

Thysanophrys chiltonae Schultz, 1966

Thysanophrys otaitensis (Parkinson, 1829)

PLESIOPIDAE

Calloplesiops altivelis (Steindachner, 1903)

Plesiops coeruleolineatus Rüppell, 1835

PLEURONECTIDAE

Samariscus triocellatus Woods, 1966

PLOTOSIDAE

Plotosus lineatus (Thunberg, 1787)

POMACANTHIDAE

Apolemichthys kingi Heemstra, 1984*Apolemichthys trimaculatus* (Cuvier, 1831)*Centropyge acanthops* (Norman, 1922)*Centropyge bispinosus* (Günther, 1860)*Genicanthus caudovittatus* (Günther, 1860)*Pomacanthus annularis* (Bloch, 1787)*Pomacanthus chrysurus* (Cuvier, 1831)*Pomacanthus imperator* (Bloch, 1787)*Pomacanthus maculosus* (Forsskål, 1775)*Pomacanthus semicirculatus* (Cuvier, 1831)*Pomacanthus rhomboides* (Gilchrist & Thompson, 1908)*Pygoplites diacanthus* Boddaert, 1772

POMACENTRIDAE

Abudefduf natalensis Hensley & Randall, 1983*Abudefduf notatus* (Day, 1870)*Abudefduf saxatilis* (Linnaeus, 1758)*Abudefduf septemfasciatus* (Cuvier, 1830)*Abudefduf sexfasciatus* (Lacepède, 1801)*Abudefduf sordidus* (Forsskål, 1775)*Abudefduf sparoides* (Quoy & Gaimard, 1825)*Abudefduf vaiigiensis* (Quoy & Gaimard, 1825)*Amphiprion akallopisos* Bleeker, 1853*Amphiprion allardi* Klausewitz, 1970*Chromis agilis* Smith, 1960*Chromis caerulea* (Cuvier, 1830)*Chromis dasygenys* (Fowler, 1935)*Chromis dimidiata* (Klunzinger, 1871)*Chromis lepidolepis* Bleeker, 1877*Chromis nigrura* Smith, 1960*Chromis opercularis* (Günther, 1867)*Chromis ternatensis* (Bleeker, 1856)*Chromis weberi* Fowler & Bean, 1928*Chromis xanthura* (Bleeker, 1854)*Chrysiptera annulata* (Peters, 1855)*Chrysiptera biocellata* (Quoy & Gaimard, 1825)*Chrysiptera leucopoma* (Cuvier, 1830)*Chrysiptera unimaculata* (Cuvier, 1830)*Dascyllus aruanus* (Linnaeus, 1758)*Dascyllus carneus* Fischer, 1885*Dascyllus trimaculatus* (Rüppell, 1829)*Neopomacentrus cyanomos* (Bleeker, 1856)*Neopomacentrus fallax* (Peters, 1855)*Neopomacentrus fuliginosus* (Smith, 1960)*Paraglyphidodon melas* (Valenciennes, 1830)*Plectroglyphidodon dickii* (Liénard, 1839)*Plectroglyphidodon imparipennis* (Vaillant & Sauvage, 1875)*Plectroglyphidodon johnstonianus* Fowler & Ball, 1924*Plectroglyphidodon lacrymatus* (Quoy & Gaimard, 1825)*Plectroglyphidodon leucozonus* (Bleeker, 1859)*Plectroglyphidodon phoenixensis* (Schultz, 1943)*Pomacentrus baenschi* Allen, 1991*Pomacentrus caeruleus* Quoy & Gaimard, 1825*Pomacentrus pavo* (Bloch, 1787)*Pomacentrus sulfureus* Klunzinger, 1871*Pomacentrus trichourus* Günther, 1867*Pomacentrus trilineatus* Cuvier, 1830*Stegastes fasciolatus* (Ogilby, 1889)*Stegastes nigricans* (Lacepède, 1802)

PRIACANTHIDAE

- Priacanthus cruentatus* (Lacepède, 1801)
Priacanthus hamrur (Forsskål, 1775)
Pristigenys niphonia (Cuvier, 1829)

PSEUDOCROMIDAE

- Anisochromis kenya* Smith, 1954
Chlidichthys bibulus (Smith, 1954)
Chlidichthys johnvoelckeri Smith, 1954
Chlidichthys pembae Smith, 1954
Pseudochromis dutoiti Smith, 1955
Pseudochromis melas Lubbock, 1977
Pseudochromis natalensis Reagan, 1916

PSEUDOGRAMMIDAE

- Aporops allfreei* Smith, 1953
Pseudogramma polyacantha (Bleeker, 1856)

RHINOBATIDAE

- Rhina ancylostoma* Bloch & Schneider, 1801
Rhynchobatus djiddensis (Forsskål, 1775)

SCARIDAE

- Bolbometopon muricatum* (Valenciennes, 1840)
Calotomus carolinus (Valenciennes, 1840)
Calotomus viridescens (Rüppell, 1835)
Cetoscarus bicolor (Rüppell, 1829)
Hipposcarus harid (Forsskål, 1775)
Scarus atrilunula Randall & Bruce, 1983
Scarus caudofasciatus (Günther, 1862)
Scarus cyanescens Valenciennes, 1840
Scarus enneacanthus Lacepède, 1802
Scarus falcipinnis (Playfair, 1868)
Scarus festivus Valenciennes, 1840
Scarus frenatus Lacepède, 1802

Scarus ghobban Forsskål, 1775

Scarus gibbus Rüppell, 1829

Scarus globiceps Valenciennes, 1840

Scarus japonensis (Bloch, 1789)

Scarus niger Forsskål, 1775

Scarus psittacus Forsskål, 1775

Scarus rubroviolaceus Bleeker, 1847

Scarus russelii Valenciennes, 1840

Scarus scaber Valenciennes, 1840

Scarus sordidus Forsskål, 1775

Scarus tricolor Bleeker, 1847

Scarus viridifucatus (Smith, 1956)

SCIAENIDAE

- Argyrosomus thorpei* Smith, 1977
Umbrina canariesis Valenciennes, 1843

SCOMBRIDAE

- Euthynnus affinis* (Cantor, 1849)
Gymnosarda unicolor (Rüppell, 1836)
Rastrelliger kanagurta (Cuvier, 1816)
Scomberomorus commerson (Lacepède, 1800)
Scomberomorus plurilineatus Fourmanoir, 1966

SCORPAENIDAE

- Dendrochirus brachypterus* (Cuvier, 1829)
Dendrochirus zebra (Cuvier, 1829)
Parascorpaena mcadamsi (Fowler, 1938)
Parascorpaena mossambica (Peters, 1855)
Pterois antennata (Bloch, 1787)
Pterois miles (Bennett, 1828)
Pterois mombassae (Smith, 1957)
Pterois radiata Cuvier, 1829
Pterois russelii Bennett, 1831

- Pterois volitans* (Linnaeus, 1758)
Scorpaenodes albaiensis (Evermann & Seale, 1907)
Scorpaenodes guamensis (Quoy & Gaimard, 1824)
Scorpaenodes hisutus (Smith, 1957)
Scorpaenodes kelloggi (Jenkins, 1903)
Scorpaenodes minor (Smith, 1958)
Scorpaenodes parvipinnis Garrett, 1863
Scorpaenodes varipinnis Smith, 1957
Scorpaenopsis brevifrons Eschmeyer & Randall, 1975
Scorpaenopsis diabolus (Cuvier, 1829)
Scorpaenopsis gibbosa (Bloch & Schneider, 1801)
Scorpaenopsis venosa (Cuvier, 1829)
Sebastapistes cyanostigma (Bleeker, 1856)
Sebastapistes mauritiana (Cuvier, 1829)
Sebastapistes strongia (Cuvier, 1829)
Synanceia verrucosa Bloch & Schneider, 1801
Taenianotus triacanthus Lacepède, 1802
- SCORPIDIDAE
- Neoscorpis lithophilus* (Gilchrist & Thompson, 1908)
- SERRANIDAE
- Aethaloperca rogae* (Forsskål, 1775)
Anthias bimaculatus Smith, 1955
Anthias evansi (Smith, 1954)
Anthias squamipinnis (Peters, 1855)
Anyperodon leucogrammicus (Valenciennes, 1828)
Cephalopholis argus Bloch & Schneider, 1801
Cephalopholis aurantia (Valenciennes, 1828)
Cephalopholis boenak (Bloch, 1790)
Cephalopholis formosa (Shaw & Nodder, 1812)
Cephalopholis leopardus (Lacepède, 1801)
Cephalopholis miniata (Forsskål, 1775)
Cephalopolis nigripinnis (Valenciennes, 1828)
- Cephalopholis polleni* (Bleeker, 1868)
Cephalopholis sexmaculata (Rüppell, 1830)
Cephalopholis sonnerati (Valenciennes, 1828)
Cephalopholis spiloparaea (Valenciennes, 1828)
Cromileptes altivelis (Valenciennes, 1828)
Dermatolepis striolata (Playfair, 1867)
Epinephelus albomarginatus Boulenger, 1903
Epinephelus andersoni Boulenger, 1903
Epinephelus areolatus (Forsskål, 1775)
Epinephelus chabaudi (Castelnau, 1861)
Epinephelus chlorostigma (Valenciennes, 1828)
Epinephelus caeruleopunctatus (Bloch, 1790)
Epinephelus coioides (Hamilton, 1822)
Epinephelus fasciatus (Forsskål, 1775)
Epinephelus faveatus (Valenciennes, 1828)
Epinephelus flavocaeruleus (Lacepède, 1802)
Epinephelus fuscoguttatus (Forsskål, 1775)
Epinephelus hexagonatus (Forster, 1801)
Epinephelus lanceolatus (Bloch, 1790)
Epinephelus longispinis (Kner, 1864)
Epinephelus macrospilos (Bleeker, 1855)
Epinephelus malabaricus (Bloch & Schneider, 1801)
Epinephelus marginatus (Lowe, 1834)
Epinephelus melanostigma Schultz, 1953
Epinephelus merra Bloch, 1793
Epinephelus miliaris (Valenciennes, 1830)
Epinephelus multinotatus (Peters, 1876)
Epinephelus ongus (Bloch, 1790)
Epinephelus polyphkadion (Bleeker, 1849)
Epinephelus posteli Fourmanoir & Crosnier, 1964
Epinephelus retouti Bleeker, 1868
Epinephelus rivulatus (Valenciennes, 1830)

Epinephelus spilotoceps Schultz, 1953

Epinephelus tauvina (Forsskål, 1775)

Epinephelus tukula Morgans, 1959

Gracila albomarginata (Fowler & Bean, 1930)

Nemanthias carberryi Smith, 1954

Plectranthias longimanus (Weber, 1913)

Plectropomus laevis (Lacepède, 1801)

Plectropomus leopardus (Lacepède, 1802)

Plectropomus pessuliferus Fowler, 1904

Plectropomus punctatus Quoy & Gaimard, 1824

Variola albimarginata Baissac, 1953

Variola louti (Forsskål, 1775)

SIGANIDAE

Siganus argenteus (Quoy & Gaimard, 1825)

Siganus luridus (Rüppell, 1829)

Siganus rivulatus Forsskål, 1775

Siganus stellatus (Forsskål, 1775)

Siganus sutor (Valenciennes, 1835)

SOLEIDAE

Parachirus xenicus (Matsubara & Ochiai, 1963)

Pardachirus marmoratus (Lacepède, 1802)

Pardachirus morrowi (Chabanaud, 1954)

SPARIDAE

Acanthopagrus bifasciatus (Forsskål, 1775)

Argyrops filamentosus (Valenciennes, 1830)

Cheimerius nufar (Valenciennes, 1830)

Diplodus cervinus hottentotus (Smith, 1844)

Diplodus sargus capensis (Smith, 1844)

Polyamblyodon gibbosum (Pellegrin, 1914)

Polysteganus coeruleopunctatus (Klunzinger, 1870)

Polysteganus praeorbitalis (Günther, 1859)

Polysteganus undulosus (Regan, 1908)

Porcostoma dentata (Gilchrist & Thompson, 1908)

Rhabdosargus holubi (Steindachner, 1881)

Rhabdosargus sarba (Forsskål, 1775)

Rhabdosargus thorpei Smith, 1979

SPHYRAENIDAE

Sphyraena acutipinnis Day, 1876

Sphyraena barracuda (Walbaum, 1792)

Sphyraena flavicauda Rüppell, 1838

Sphyraena forsteri Cuvier, 1829

Sphyraena jello Cuvier, 1829

Sphyraena obtusata Cuvier, 1829

Sphyraena putnamae Jordan & Seale, 1905

STEGOSTOMATIDAE

Stegostoma fasciatum (Hermann, 1783)

SYNGNATHIDAE

Choeroichthys sculptus (Günther, 1870)

Doryrhamphus excisus excisus Kaup, 1856

Festucalex erythraeus (Gilbert, 1905)

Halicampus mataafae (Jordan & Seale, 1906)

Hippocampus histrix Kaup, 1856

Micrognathus andersonii (Bleeker, 1858)

Nannocampus elegans Smith, 1961

Nannocampus pictus (Duncker, 1915)

Phoxocampus belcheri (Kaup, 1856)

Solenostomus cyanopterus Bleeker, 1854

Trachyrhamphus bicoarctatus (Bleeker, 1857)

SYNODONTIDAE

Saurida gracilis (Quoy & Gaimard, 1824)

Synodus binotatus Schultz, 1953

Synodus dermatogenys Fowler, 1912

Synodus indicus (Day, 1873)

Synodus jaculum Russel & Cressey, 1979

Synodus variegatus (Lacepède, 1803)

Trachinocephalus myops (Forster, 1801)

TERAPONIDAE

Pelates quadrilineatus (Bloch, 1790)

Terapon jarbua (Forsskål, 1775)

TETRAODONTIDAE

Amblyrhynchotes honckenii (Bloch, 1795)

Arothron hispidus (Linnaeus, 1758)

Arothron meleagris (Bloch & Schneider, 1801)

Arothron nigropunctatus (Bloch & Schneider, 1801)

Arothron stellatus (Bloch & Schneider, 1801)

Canthigaster amboinensis (Bleeker, 1865)

Canthigaster bennetti (Bleeker, 1854)

Canthigaster coronata (Vaillant & Sauvage, 1875)

Canthigaster janthinoptera (Bleeker, 1855)

Canthigaster margaritata (Rüppell, 1829)

Canthigaster rivulata (Temminck & Schlegel, 1850)

Canthigaster smithae Allen & Randall, 1977

Canthigaster solandri (Richardson, 1845)

Canthigaster valentini (Bleeker, 1853)

Lagocephalus sceleratus (Gmelin, 1789)

TORPEDINIDAE

Torpedo sinuspersici Olfers, 1831

TRICHONOTIDAE

Trichonotus marleyi (Smith, 1936)

TRIPTERYGIIDAE

Enneapterygius abeli (Klausewitz, 1960)

Enneapterygius clarkae (Holleman, 1982)

Enneapterygius elegans (Peters, 1876)

Enneapterygius pusillus (Rüppell, 1835)

Enneapterygius ventermaculus Holleman, 1982

Helcogramma fuscopinna Holleman, 1982

Norfolkia springeri Clark, 1979

ZANCLIDAE

Zanclus canescens (Linnaeus, 1758)

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