

A CHECKLIST OF THE FISHES OF SOUTHERN TAIWAN, NORTHERN SOUTH CHINA SEA

**Kwang-Tsao, Shao, Hsuan-Ching Ho, Pai-Li Lin, Po-Feng Lee, Mao-Ying Lee,
Cheng-Yi Tsai, Yun-Chih Liao & Yung-Chang Lin**

Biodiversity Research Center, Academia Sinica

*Email: zoskt@gate.sinica.edu.tw (SKT); ogcoho@gmail.com (HCH, corresponding author);
lpillin@gate.sinica.edu.tw (PLL); firefly@gate.sinica.edu.tw (PFL); coleopetera@yahoo.com.tw (MYL);
f29174434@yahoo.com.tw (CYT); fish1715@yahoo.com.tw (YCL); jacklin@gate.sinica.edu.tw (YCL)*

Jeng-Ping Chen

Taiwan Ocean Research Institute, Preparatory Office

Email: apogonibae@gmail.com

Hsin-Ming Yeh

Fisheries Research Institute, Kaohsiung Branch

Email: hmingyeh@gmail.com

ABSTRACT. – After Randall & Lim (2000) compiled a checklist of 3,365 species of marine fishes from the South China Sea (SCS), it was expected that there would be an increase of many new species or new records, especially the deep-sea fishes, in this region. In this paper, we went through the Fish Database of Taiwan and sorted a total of 38 orders, 230 families and 2,133 species that occurred in the southwestern Taiwan waters and SCS and have either voucher specimen, underwater photos or citations. Among them, 128 species belonging to 72 families are new records from Taiwan. In the checklist, 171 species occurred only in SCS, including 42 species only in Pratas Islands, 25 species only in Spratly Islands and 81 in other SCS areas; and 1,473 species occurred only in the southwestern inshore habitats of Taiwan. There are 317 new record species that were not included in the checklist of Randall & Lim (2000) and 45 species that are new addition to the fish fauna of SCS.

KEY WORDS. – Species checklist, South China Sea, fish fauna, fish taxonomy, new records.

INTRODUCTION

In the “Workshop on SCS Biodiversity” held at the National University of Singapore from the 7th to the 10th of May, 1997, a consensus on the boundary of SCS was reached. It specified that SCS is bordered on the east by an arc of islands comprising Taiwan, the Philippines and Borneo; and its northern border is the Tropic of Cancer and southern border is the Equator. The geographical range was defined and the map of SCS was provided in Randall & Lim (2000). This area delimitation was supported by the geographical distribution pattern of fish in Taiwan (Shao et al., 1992; Shao et al., 1999; Shao et al., 2002) as well as other marine organisms such as corals (Chen, 1999). In other words, the fish fauna of shallow water species in southern Taiwan is different from that of the north because of ocean currents (warm Kuroshio current flowing northward and cool China coastal waters flowing southward). Pescadores (Penghu Island), located in western Taiwan at the Taiwan Strait, is the

overlapping zone or bisecting line. The deep-sea fish species can extend from the South China Sea basin, with a depth of 200~3,000 meters, to the offshore of Tungkang or south Penghu waters. As a result, the fish species composition from the Tropic of Cancer to Pratas Islands (or Dongsha, Tungsha Atoll) recorded in the Fish database of Taiwan (Shao, 2008) and in recent published papers, along with that from recent deep-sea expeditions and surveys (Chiou et al., 2004a, b; Ho & Shao, 2004; Yeh et al., 2005; Liao et al., 2006a & b; Wang & Shao, 2006; Yeh et al., 2006a, b, c; Ho & Shao, 2007 a, b; Shao et al., 2008) were reviewed and used to update the fish checklist of the SCS. The purpose of this paper is to compile a species checklist of the northern SCS and to include new fish records from Taiwan. Pratas (TS), is located at 20°35'–20°47'N and 116°40'–116°55'E, i.e., at the northern part of the South China Sea. It is about 240 nautical miles (445 km) southwest of Kaohsiung (KS), Taiwan; 170 miles (274 km) southeast of Hongkong; 640 miles (1,030 km) north of the Spratly Islands (Nansha, NS).

MATERIALS AND METHODS

Randall & Lim (2000) provided a very good literature review for fish taxonomic studies in the SCS. A total of 3,365 species of fishes were included; however, most of these were from inshore habitats and their list lacked deep-sea families. In Taiwan, the study of deep-sea fish fauna has been ongoing since 2002, with National Science Council (NSC) research projects granted to the senior author (KTS). Most specimens were collected using commercial bottom trawlers, a specially designed bottom trawler, a French type beam trawl, the IKMT operated by RV Ocean Researcher-I, OR-II, OR-III of NSC and the Fishery Research Vessel I of the Council of Agriculture. The samples were mostly taken from areas in the northern part of South China Sea basin and the specimen distributions were marked as "Pingtung County" (PT) unless the samples were obtained from close to Pratas Is. or Spratlys Is. Other samples collected from the northern region of SCS were simply marked as SCS. The maximum water depths sampled were 300 m (using commercial trawlers) and 3,000 m (using the RV).

The checklist is presented in the taxonomic sequence: order, family, genus and species; and the classification system of orders and families follows Nelson (2006). The anadromous fishes such as anguillid eels and some gobioid fishes are excluded but brackish water species are included. Except for some well-known pelagic species such as tunas and sharks, the species distributions listed here are based mainly on specimen records. Both Kaohsiung and Pingtung County have commercial fishing harbors such as Tongkang in PT where fish specimens were collected from landed harvests of bottom trawlers, drift nets, long-lines or purse nets. Hsiaoliuchiu and Kenting in Pingtung are coral reef areas, as are the atolls of Tungsha and Spratly in SCS. Coral reef fishes were collected and recorded by SCUBA diving or by rotenone collection from intertidal pools.

In order to save printed pages, all catalogue numbers of specimens listed here are omitted if they are previously-recorded species. For each new record, one arbitrarily chosen, catalogued specimen is listed. All omitted records, together with the Chinese name of each species, can be accessed from the "Fish Database of Taiwan" (Shao 2008). The specimen records appeared in the checklist are from the following sources: Biodiversity Research Center, Academia Sinica, Taipei (ASIZP), Bishop Museum, Hawaii (BPBM), California Academy of Sciences, San Francisco (CAS), Fisheries Research Institute, Keelung, Taiwan (FRIP), National Museum of Marine Biology and Aquarium, Pingtung (NMMBP), National Museum of Marine Science & Technology, Keelung (NMMSTP), National Museum of Natural Science, Taichung, Taiwan (NMNSF), National Taiwan Museum, Taipei, Taiwan (NTMP), Zoological Museum, National Taiwan University, Taipei (NTUM), National Museum of Natural History, Smithsonian Institution, Washington D.C., U.S.A. (USNM).

The checklist for genera and species is arranged according to the alphabetical order. It includes scientific names labeled

with certain marks (*, ^, +), authors and years of publication, main habitat types (CS, SR, DR, P, DCS, DS), and localities (PT, KS, TS, NS) after the slash symbol. The code for habitat types are: CS = coastal shore fishes (includes estuarine, sandy shores, and shallow soft bottoms); SR = shallow reef fishes (to about 60 m); DR = deep reef (most of life cycle spent on reefs between about 61–200 m); P = pelagic fishes; DCS = deep continental shelf (non-reef, mainly benthic fishes found below 100 m depth); DS = deep sea fishes.

Except for the newly-listed fish, the checklist provides a citation for each species record. The new records are marked with * if they were from Taiwan inshore waters or waters under Taiwanese jurisdiction in the SCS, including both TS and NS; with ^ if they were from other SCS areas; and with + if they were not included in the checklist of Randall & Lim (2000). Two species, *Hippocampus bargibanti* and *Nemateleotris decora*, are listed as new records even though there are no voucher specimens since there exist underwater video or photo images of them (Shao, 2008). If a citation is not given, it means the fish has already been cited in the *Fishes of Taiwan* (Shen et al., 1993). In addition, some recently-used junior synonyms and misidentified names which appear in one or two of the cited references are provided with and marked with "s" and "m", respectively.

RESULTS AND DISCUSSION

A total of 38 orders, 230 families and 2,133 species from the Fish Database of Taiwan were selected for the annotated checklist for the northern SCS which includes Pratas Is., Spratlys Is. and other areas of SCS (Table 1). If the 25 species which occurs only at Spratlys Is. are excluded, then the total number of marine fishes within northern SCS in our checklist totals 2,108 species. The fishes in the list either have specimen records, underwater photos or citations. The photos can be browsed at the Fish Database of Taiwan (<http://fishdb.sinica.edu.tw>). After comparing them with all available literature and databases, we found that 128 species in 72 families are new records for Taiwan (marked with *); 45 species are marked with ^ to denote that they are new records from the SCS, of which *Himantolophus melanolophus*, *Oneirodes carlsbergi* and *Dipturus lanceorostratus* are new records for the western Pacific Ocean. A second record of *Chromis okamurai* is also reported herein. A total number of 171 species occurred only in the SCS, including 42 species only in Tungsha, 25 species only in Spratly and 81 only found in other SCS areas. 1,473 species occurred only in the southwest inshore habitats of Taiwan. After comparing our checklist with the list in Randall & Lim (2000), we found that there are 317 records, marked with +, that were not included in their checklist.

The numbers of habitat types in the SCS checklist are: CS = 386, SR = 1087, DR = 58, P = 151, DCS = 165 and DS = 285. They show that deep sea fishes have increased considerably compared to the result in Randall & Lim (2000). However, it should be noted as well that this percentage may be subject to changes depending on sampling intensity.

Although we have added many deep-sea fishes to the fish fauna of SCS, the coverage of pelagic fishes such as sharks and deep coral reef fishes is still inadequate. For example, Richard Pyle in 2005 led one deep diving survey at Green Island, southeastern Taiwan, and found many new Taiwanese records (John L. Earle, pers. comm.) Furthermore, the localities of many specimens are uncertain; it is not clear as to whether the fishes were collected from southern Pescadores Is. or northern Pescadores Is. Since only southern Pescadores Is. waters belong to SCS region, some “Pescadores fishes” may or may not belong to the SCS. Also, many species such as *Rhinobatos microphthalmus*, *Opistognathus evermanni*, *Stalix sheni*, *Sillago aeolus* and *Sillago microps* were omitted if no specimen were collected from south-western Taiwan; even if they were collected from eastern Taiwan or their names were included by Randall & Lim (2000).

Because SCS is surrounded by more than ten countries, a joint force or team work should be established to create one database of SCS fishes that can be updated and accessed by the public. Such a database, with fish common names in different languages, GIS distribution, habitat, identification

guides and biological information, can be very useful in the research of fish biodiversity, fishery biology, conservation and sustainable management of fishery resources in the area. The FishBase (<http://www.fishbase.org>), which is overseen by WorldFish Center, is one of the most complete global species databases (GSD). It provides substantial amount of information besides fish taxonomy (Froese & Pauly, 2008). However, the “Catalog of Fishes” established by B. Eschmeyer and maintained at the California Academy of Sciences is a better source for correct spelling, authors and dates of publication, and current taxonomic allocation. The Encyclopedia of Life (EOL), a project to document all species of life on Earth, has recently published its first on-line version of databases based on the data from FishBase. The Fish Database of Taiwan has collaborated with FishBase for more than 10 years and has accumulated and integrated all fish taxonomic data from Taiwan, including specimen and observation records (Shao et al., 2002; 2007). We used this database in the compilation of our fish checklist and the numbers of species which represent new records from Taiwan and the SCS.

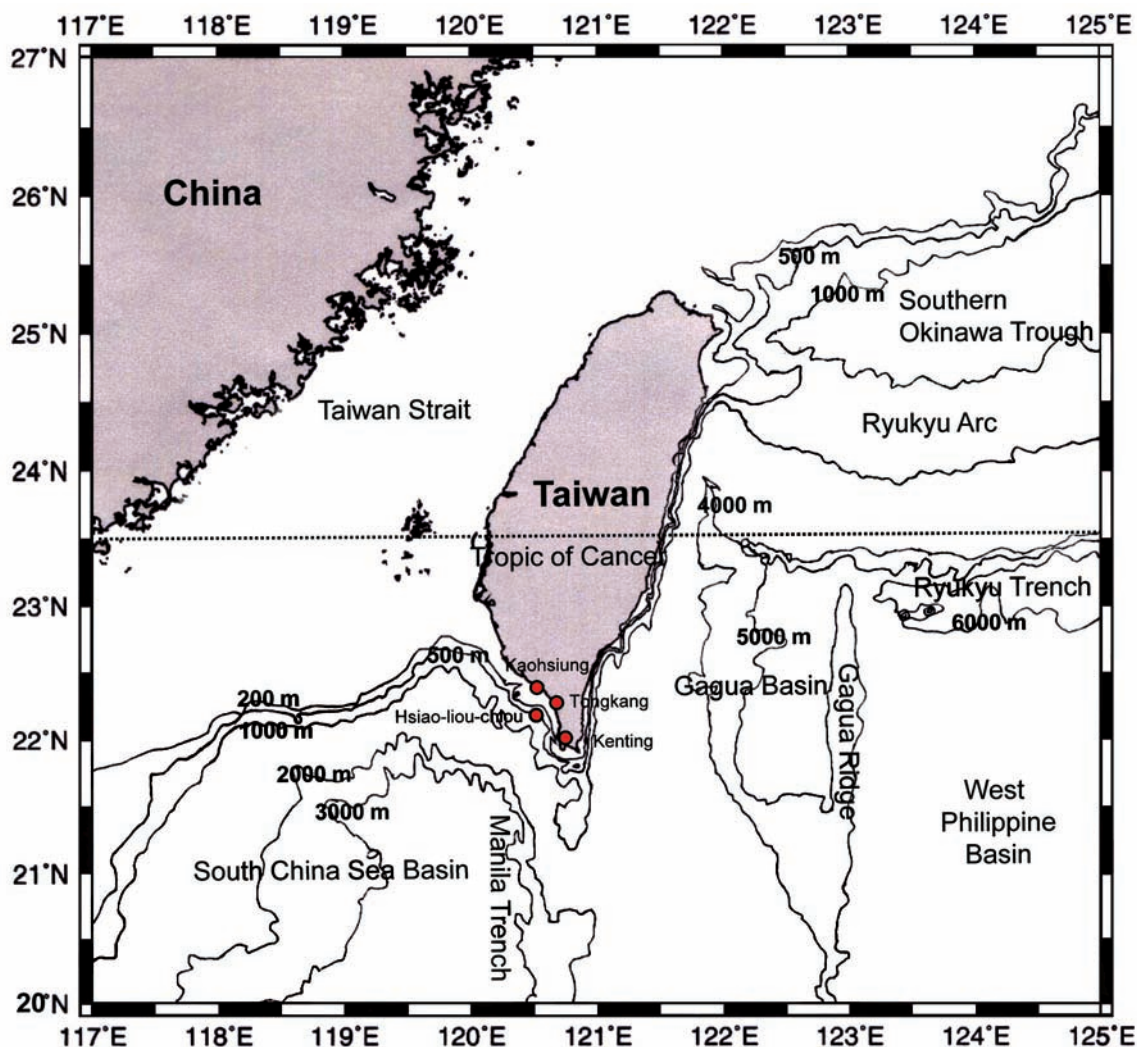


Fig. 1. Map of Taiwan and isobathic lines in adjacent waters showing fishery harbors or locality names using in this paper. The location of Pratas and Spratly Islands in central and southern SCS are beyond the range of this map. Please refer to Randall & Lim (2000: 51).

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Table 1. Checklist of marine fishes from northern part of South China Seas.

Abbreviations:

- Habitats types – CS (coastal shore); SR (shallow reef, to about 60 m); DR (deep reef, about 61–200 m); P (pelagic); DCS (deep continental shelf & non-reefal, below 100 m depth); DS (deep sea)
- Localities – PT (Pintong County), KS (Kaohsiung), TS (Tungsha, Pratas Isl.), NS (Spratly Is.)
- Other remarks – * (New record from Taiwan, including both TS & NS); ^ (New record from SCS); + (not included in the list of Randall & Lim (2000)); s (synonyms); m (misidentification)

Order Myxiniiformes**Myxinidae**

- Eptatretus burgeri* (Girard, 1855)/ DS/ PT, TS.
Eptatretus cheni (Shen & Tao, 1975)/ DS/ KS, PT; s: *Paramyxine cheni*.
Eptatretus chinensis Kuo & Mok, 1994/ DS/ SCS; Kuo & Mok, 1994.
Eptatretus fernholmi (Kuo, Huang & Mok, 1994)/ DS/ SCS; Kuo et al., 1994; s: *Paramyxine fernholmi*.
+*Eptatretus nelsoni* (Kuo, Huang & Mok, 1994)/ DS/ PT; Kuo et al., 1994; s: *Paramyxine nelsoni*, *Quadratus nelsoni*.
Eptatretus okinoseanus (Dean, 1904)/ DS/ PT, TS.
Eptatretus sheni (Kuo, Huang & Mok, 1994)/ DS/ KS, PT; Kuo et al., 1994; s: *Paramyxine sheni*.
+*Eptatretus yangi* (Teng, 1958)/ DS/ KS, TS, SCS; s: *Paramyxine yangi*, *Quadratus yangi*.
+*Myxine formosana* Mok & Kuo, 2001/ DS/ PT; Mok & Kuo, 2001.
+*Myxine kuoi* Mok, 2002/ DS/ PT; Mok, 2002.

Order Chimaeriformes**Chimaeridae**

- Chimaera phantasma* Jordan & Snyder, 1900/ DS/ KS, PT, TS.

^**Hydrolagus mitsukurii* (Jordan & Snyder, 1904)/ DS/ SCS; FRIP 0559 (SCS).

Order Heterodontiformes**Heterodontidae**

Heterodontus zebra (Gray, 1831)/ CS/ KS.

Order Orectolobiformes**Parascylliidae**

Cirrhoscyllium formosanum Teng, 1959/ CS/ TK, KS; Teng, 1959a; m: *Cirrhoscyllium expositum*.

Hemiscylliidae

Chiloscyllium plagiosum ([Bennett], 1830)/ CS/ KS, PT.

Chiloscyllium punctatum Müller & Henle, 1838/ CS/ PT.

Ginglymostomatidae

Nebrius ferrugineus (Lesson, 1831)/ CS/ PT, TS; Chen et al., 1995.

Rhincodontidae

Rhincodon typus Smith, 1828/ P/ KS.

Order Lamniformes**Alopiidae**

Alopias pelagicus Nakamura, 1935/ P/ PT.

Alopias superciliosus (Lowe, 1841)/ P/ KS.

Alopias vulpinus (Bonnaterre, 1788)/ P/ PT.

Order Carcharhiniformes**Scyliorhinidae**

Apristurus macrorhynchus (Tanaka, 1909)/ DS/ KS, PT.

*+*Apristurus platyrhynchus* (Tanaka, 1909)/ DS/ SCS; ASIZP 66206 (SCS).

+*Atelomyxterus marmoratus* ([Bennett], 1830)/ SR/ PT.

**Cephaloscyllium fasciatum* Chan, 1966/ SR/ PT, TS; ASIZP 57906 (PT).

Cephaloscyllium umbratile Jordan & Fowler, 1903/ SR/ KS, PT; m: *Cephaloscyllium isabellum*.

Galeus eastmani (Jordan & Snyder, 1904)/ DCS/ PT.

Galeus sauteri (Jordan & Richardson, 1909)/ DCS/ PT.

Halaehurus buergeri (Müller & Henle, 1838)/ DCS/ KS.

Scyliorhinus torazame (Tanaka, 1908)/ DCS/ PT; Shao et al., 1994.

Proscylliidae

Eridacnis radcliffei Smith, 1913/ DCS/ TK, KS.

Triakidae

Hemistriakis japonica (Müller & Henle, 1839)/ DCS/ PT; s: *Galeorhinus japonicus*.

Mustelus griseus Pietschmann, 1908/ DCS/ KS, PT; m: *Mustelus kanekonis*.

Hemigaleidae

Paragaleus tengi (Chen, 1963)/ DCS/ PT.

Carcharhinidae

Carcharhinus altimus (Springer, 1950)/ P/ PT.

Carcharhinus dussumieri (Müller & Henle, 1839)/ P/ KS, PT; m: *Carcharhinus menisorrah*.

Carcharhinus limbatus (Müller & Henle, 1839)/ P/ TS; Chen et al., 1995.

Carcharhinus longimanus (Poey, 1861)/ P/ TS; Chen et al., 1995.

Galeocerdo cuvier (Péron & Lesueur, 1822)/ P/ PT.

Negaprion acutidens (Rüppell, 1837)/ P/ TS; Chen et al., 1995.

Prionace glauca (Linnaeus, 1758)/ P/ KS, PT.

Rhizoprionodon acutus (Rüppell, 1837)/ P/ KS; s: *Scoliodon walbeemii*.

Sphyrnidae

Sphyrna zygaena (Linnaeus, 1758)/ P/ KS.

Order Hexanchiformes

Hexanchidae

- Hexanchus griseus* (Bonnaterre, 1788)/ DS/ PT
Hexanchus nakamurai Teng, 1962/ DS/ PT; s: *Hexanchus vitulus*

Order Squaliformes

Squalidae

- Squalus blainville* (Risso, 1827)/ DS/ KS.

Centrophoridae

- Deania calcea* (Lowe, 1839)/ DS/ PT; Shen & Ting, 1972; s: *Deania aciculata*.

Etmopteridae

- +*Centroscyllium kamoharai* Abe, 1966/ DS/ SCS; Hsu & Joung, 2004.

- ^**Etmopterus brachyurus* Smith & Radcliffe, 1912/ DS/ SCS; FRIP 3061 (SCS).

- Etmopterus lucifer* Jordan & Snyder, 1902/ DS/ KS, PT, SCS.

- Etmopterus pusillus* (Lowe, 1839)/ DS/ TP, TS.

- Etmopterus splendidus* Yano, 1988/ DS/ KS, PT.

Dalatiidae

- Dalatias licha* (Bonnaterre, 1788)/ DS/ PT; s: *Dalatias tachiensis*.

- Squaliolus aliae* Teng, 1959/ DS/ KS, PT; Teng, 1959b; m: *Squaliolus laticaudus*.

Order Squatiniformes

Squatinae

- Squatina formosa* Shen & Ting, 1972/ DCS/ PT.

- Squatina nebulosa* Regan, 1906/ DCS/ PT.

Order Pristiophoriformes

Pristiophoridae

- Pristiophorus japonicus* Günther, 1870/ DCS/ TS; Compagno, 1984.

Order Torpediniformes

Torpedinidae

- Torpedo formosa* Haas & Ebert, 2006/ DCS/ PT; Haas & Ebert, 2006; m: *Torpedo nobiliana*.

- Torpedo tokionis* (Tanaka, 1908)/ DCS/ TS, SCS.

Narcinidae

- Benthobatis yangi* Carvalho, Compagno & Ebert, 2003/ DS/ PT; Carvalho et al., 2003; m: *Benthobatis moresbyi*.

- Crassinarke dormitor* Takagi, 1951/ DCS/ PT.

- Narcine brevilabiata* Bessednov, 1966/ DCS/ KS, PT; m: *Narcine indica*, *N. maculata*.

- Narke japonica* (Temminck & Schlegel, 1850)/ DCS/ PT.

Order Rajiformes

Rhinidae

- Rhina ancylostoma* Bloch & Schneider, 1801/ DCS/ KS.

Rhynchobatidae

- Rhynchobatus djiddensis* (Forsskål, 1775)/ DCS/ PT.

Rhinobatidae

- Rhinobatos formosensis* Norman, 1926/ DCS/ PT.

- Rhinobatos hynnicephalus* Richardson, 1846/ DCS/ KS.

Rajidae

- Anacanthobatis borneensis* Chan, 1965/ DS/ PT.

- Anacanthobatis melanostoma* (Chan, 1965)/ DS/ PT; s: *Springeria melanostoma*.

- ^*+*Bathyraja isotrachys* (Günther, 1877)/ DCS/ PT; ASIZP 63854 (Tong-kang).

- Dipturus kwangtongensis* (Chu, 1960)/ DCS/ KS, PT, TS; s: *Raja kwangtongensis*.

- ^*+*Dipturus lanceoestratus* (Wallace, 1967)/ DCS/ TS; ASIZP 58653 (TS).

- Dipturus tenu* (Jordan & Fowler, 1903)/ DCS/ KS, PT; Liaw, 1960; s: *Raja tenu*

- ^*+*Notoraja tobitukai* (Hiyama, 1940)/ DS/ PT, SCS; ASIZP 63779 (Tong-kang).

- Okamejei acutispina* (Ishiyama, 1958)/ DCS/ PT; s: *Raja acutispina*.

- Okamejei boesemani* (Ishihara, 1987)/ DCS/ PT; s: *Raja boesemani*.

- Okamejei hollandi* (Jordan & Richardson, 1909)/ DCS/ KS, PT; s: *Raja holl&i*.

- Okamejei kenojei* (Müller & Henle, 1841)/ DCS/ KS; s: *Raja kenojei*.

- Okamejei meerdervoortii* (Bleeker, 1860)/ DCS/ PT; s: *Raja meerdervoortii*.

Order Myliobatiformes

Hexatrygonidae

- Hexatrygon bickelli* Heemstra & Smith, 1980/ DS/ PT, TS; s: *Hexatrygon yangi*, *H. brevirostra*, *H. taiwanensis*.

Urolophidae

- Urolophus aurantiacus* Müller & Henle, 1841/ DCS/ PT, SCS.

Dasyatidae

- Dasyatis akajei* (Müller & Henle, 1841)/ DCS/ PT.

- Dasyatis bennetti* (Müller & Henle, 1841)/ DCS/ KS.

- Dasyatis kuhlii* (Müller & Henle, 1841)/ DCS/ PT; s: *Dasyatis akajei*.

- Himantura uarnak* (Forsskål, 1775)/ DCS/ SCS; s: *Dasyatis uarnak*.

- Taeniura meyeri* Müller & Henle, 1841/ DCS/ TS, NS; Chen et al., 1995, Chen et al., 1997; s: *Taeniura melanospila*.

Gymnuridae

- Aetoplatea zonura* Bleeker, 1852/ P/ KS.

Myliobatidae

- Aetobatus narinari* Chen et al., 1995/ TS/ P.

- Myliobatis tobijei* Bleeker, 1854/ P/ KS; s: *Mobula tobijei*.

- Rhinoptera javanica* Müller & Henle, 1841/ P/ PT; Shen, 1984b.

Order Elopiformes

Elopidae

- Elops machnata* (Forsskål, 1775)/ P/ KS, PT; m: *Elops hawaiiensis*.

Megalopidae

- Megalops cyprinoides* (Broussonet, 1782)/ CS/ KS, PT.

Order Albuliformes

Albulidae

- Albula glossodonta* (Forsskål, 1775)/ CS/ PT; m: *Albula vulpes*.

Halosauridae

- Aldrovandia affinis* (Günther, 1877)/ DS/ KS, SCS; Yeh et al., 2006b

- Aldrovandia phalacra* (Vaillant, 1888)/ DS/ KS; Yeh et al., 2006b.

- Halosauropsis macrochir* (Günther, 1878)/ DS/ PT, SCS; Yeh et al., 2006b.

Moringuidae

- Moringua abbreviata* (Bleeker, 1863)/ SR/ PT.

- Moringua macrocephalus* (Bleeker, 1863)/ CS/ PT.

Chlopsidae

- **Chilorhinus platyrhynchus* (Norman, 1922)/ SR/ PT; USNM, 269597 (PT).

- *+*Kaupichthys hyoprroides*/ SR/ PT; USNM, 235351 (PT).

Muraenidae

- Anarchias allardicei* Jordan & Starks, 1906/ SR/ PT.
Cirrimaxilla formosa Chen & Shao, 1995/ SR/ PT; Chen & Shao, 1995.
Echidna nebulosa (Ahl, 1789)/ SR/ PT, TS, NS; Chen et al., 1997.
Echidna polyzona (Richardson, 1845)/ SR/ PT, TS, NS; Chen et al., 1997.
Enchelycore pardalis (Temminck & Schlegel, 1846)/ SR/ PT; Chen et al., 1994; s: *Muraena pardalis*.
Gymnomuraena zebra (Shaw, 1797)/ SR/ PT; Chen et al., 1994.
Gymnothorax berndti Snyder, 1904/ DR/ TS, Chen et al., 1995.
Gymnothorax buroensis (Bleeker, 1857)/ SR/ PT; Chen et al., 1994.
Gymnothorax chilospilus Bleeker, 1864/ DR/ PT; Chen et al., 1994.
 +*Gymnothorax eurostus* (Abbott, 1860)/ SR/ PT; m: *Gymnothorax meleagris*.
Gymnothorax favagineus Bloch & Schneider, 1801/ SR/ PT; Chen et al., 1994; s: *Gymnothorax pescadoris*. m: *G. melanospilus*.
Gymnothorax fimbriatus (Bennett, 1832)/ SR/ PT, TS, NS; Chen et al., 1997.
Gymnothorax flavimarginatus (Rüppell, 1830)/ SR/ PT, TS; Chen et al., 1995.
 *+*Gymnothorax gracilicauda*/ SR/ PT; BPBM, 18668 (Hoo-pi-hu).
 +*Gymnothorax herrei* Beebe & Tee-Van, 1933/ SR/ PT; Chen et al., 1994; s: *Gymnothorax brunneus*.
Gymnothorax javanicus (Bleeker, 1859)/ SR/ PT, TS, NS; Chen et al., 1997.
Gymnothorax kidako (Temminck & Schlegel, 1846)/ SR/ PT; Chen & Weng, 1967.
Gymnothorax margaritophorus Bleeker, 1864/ SR/ PT; Chen et al., 1994.
Gymnothorax melatremus Schultz, 1953/ SR/ PT; Chen et al., 1994.
Gymnothorax meleagris (Shaw, 1795)/ SR/ PT; Chen et al., 1994; m: *Gymnothorax eurostus*.
Gymnothorax minor (Temminck & Schlegel, 1846)/ SR/ PT; Smith & Böhlke, 1997.
 +*Gymnothorax monostigma* (Regan, 1909)/ SR/ PT.
 +*Gymnothorax neglectus* Tanaka, 1911/ SR/ KS, PT; Chen & Weng, 1967.
Gymnothorax pictus (Ahl, 1789)/ SR/ PT; Chen et al., 1994; s: *Siderea picta*
Gymnothorax pindae Smith, 1962/ SR/ PT.
 *+*Gymnothorax polyuranodon* (Bleeker, 1853)/ SR/ PT; NTMP, 1392 (Tong-kang).
 +*Gymnothorax prionodon* Ogilby, 1895/ SR/ PT; Chen et al., 1994; s: *Gymnothorax leucostigma*.
 +*Gymnothorax prolatus* Sasaki & Amaoka, 1991/ SR/ PT; Sasaki & Amaoka, 1991.
Gymnothorax pseudothyrsoides (Bleeker, 1852)/ SR/ PT; Chen et al., 1994.
Gymnothorax reevesii (Richardson, 1845)/ SR/ PT; Chen et al., 1994.
 +*Gymnothorax reticularis* Bloch, 1795/ DCS/ KS, PT; Chen et al., 1994; m: *Gymnothorax minor*
Gymnothorax richardsonii (Bleeker, 1852)/ SR/ PT; Chen et al., 1994.
Gymnothorax rueppellii (McClelland, 1844)/ SR/ PT; Chen et al., 1994.
Gymnothorax thyrsoides (Richardson, 1845)/ SR/ PT; Chen et al., 1994; s: *Siderea thyrsoides*.

- Gymnothorax undulatus* (Lacepède, 1803)/ SR/ PT, TS; Chen et al., 1994, Chen et al., 1995.
Gymnothorax zonipectis Seale, 1906/ SR/ PT; Chen et al., 1994.
Rhinomuraena quaesita Garman, 1888/ CS/ PT; Chen et al., 1994.
Scuticaria tigrina (Lesson, 1828)/ SR/ PT; s: *Uropterygius tigrinus*.
Strophidon sathete (Hamilton, 1822)/ DCS/ KS, PT; Chen et al., 1994; s: *Evenchelys macrurus*, *Strophidon ui*.
Uropterygius macrocephalus (Bleeker, 1864)/ SR/ PT, NS; Chen et al., 1997.
 **Uropterygius marmoratus* (Lacepède, 1803)/ SR/ PT; ASIZP 59631 (PT).
Uropterygius micropterus (Bleeker, 1852)/ SR/ PT; Chen et al., 1994.

Synaphobranchidae

- Dysomma anguillare* Barnard, 1923/ DCS/ KS, PT; Chen & Weng, 1967.
Dysomma dolichosomatum Karrer, 1982/ DS/ PT; Chen & Mok, 2001.
 +*Dysomma longirostrum* Chen & Mok, 2001/ DCS/ PT; Chen & Mok, 2001.
Dysomma melanurum Chen & Weng, 1967/ DS/ PT; Chen & Weng, 1967.
 +*Dysomma opisthoproctus* Chen & Mok, 1995/ DS/ PT; Chen & Mok, 1995.
 +*Dysomma polycatodon* Karrer, 1982/ DCS/ PT; Chen & Mok, 2001.
 +*Dysommia rugosa* Ginsburg, 1951/ DS/ PT; Chen & Mok, 2001.
 +*Ilyophis brunneus* Gilbert, 1891/ DS/ KS, PT, TS; Chen & Mok, 2001.
 +*Meadia abyssalis* (Kamohara, 1938)/ DS/ PT; Chen & Mok, 2001.
Meadia roseni Mok, Lee & Chan, 1991/ DS/ PT; Mok et al., 1991.
Synaphobranchus affinis Günther, 1877/ DS/ SCS.
 ^*+*Synaphobranchus brevidorsalis* Günther, 1887/ DS/ SCS; ASIZP 66230 (SCS).
 +*Synaphobranchus kaupii* Johnson, 1862/ DS/ PT, SCS; Chen & Mok, 2001.

Ophichthidae

- Bascanichthys kirkii* (Günther, 1870)/ CS/ PT.
Brachysomophis cirrocheilos (Bleeker, 1857)/ CS/ KS, PT.
Callechelys marmorata (Bleeker, 1853)/ CS/ PT; Chen et al., 1999.
Cirrhimuraena chinensis Kaup, 1856/ CS/ PT.
 ^*+*Echelus uropterus*/ CS/ PT; ASIZP 60866 (Tong-kang).
Leiuranus semicinctus (Lay & Bennett, 1839)/ CS/ PT.
Myrichthys colubrinus (Boddaert, 1781)/ CS/ PT.
Myrichthys maculosus (Cuvier, 1816)/ CS/ PT; s: *Myrichthys aki*.
Myrophis cheni Chen & Weng, 1967/ CS/ PT; Chen & Weng, 1967.
 +*Ophichthus aphotistos* McCosker & Chen, 2000/ CS/ PT; McCosker & Chen, 2000.
Ophichthus apicalis ([Bennett], 1830)/ CS/ PT.
Ophichthus erabo (Jordan & Snyder, 1901)/ CS/ KS; s: *Microdonophis erabo*.
Ophichthus macrochir (Bleeker, 1853)/ CS/ PT.
Ophichthus tsuchidae Jordan & Snyder, 1901/ DCS/ PT.
Ophichthus urolophus (Temminck & Schlegel, 1846)/ DS/ KS, PT.
Pisodonophis boro (Hamilton, 1822)/ CS/ KS, PT.
Pisodonophis cancrivorus (Richardson, 1848)/ CS/ KS, PT, TS; m: *Ophichthus macrochir*.

- +*Scolecenchelys gymnota* (Bleeker, 1857)/ CS/ PT; s:
Muraenichthys gymnotus.
+*Yirrkala kuro* (Kuroda, 1947)/ CS/ PT; s: *Aphthalmichthys kuro*, *Sphagebranchus kuro*.

Colocongridae

- ^*+*Coloconger japonicus* Machida, 1984/ DS/ SCS; ASIZP 64256 (Tong-kang).

Muraenesocidae

- ^*+*Gavialiceps taeniola* Alcock, 1889/ DS/ PT; ASIZP 65228 (Tong-kang).
Gavialiceps taiwanensis (Chen & Weng, 1967)/ DS/ PT, SCS; Chen & Weng, 1967; s: *Chlopsis taiwanensis*.
Muraenox bagio (Hamilton, 1822)/ DCS/ KS, PT, TS; Chen & Fang, 1999.
Muraenox cinereus (Forsskål, 1775)/ DCS/ KS, PT.
Oxyconger leptognathus (Bleeker, 1858)/ CS/ KS, PT.

Nemichthyidae

- **Avocettina infans* (Günther, 1878)/ P/ PT, SCS; ASIZP 64134 (SCS).
Nemichthys scolopaceus Richardson, 1848/ P/ KS, PT, SCS.

Congridae

- +*Ariosoma anago* (Temminck & Schlegel, 1846)/ CS/ KS, PT; Shen, 1998; m: *Alloconger anagoides*.
Ariosoma anagoides (Bleeker, 1853)/ CS/ KS, PT; Shen, 1998; s: *Alloconger anagoides*.
Ariosoma major (Asano, 1958)/ CS/ PT, TS; Shen, 1998; s: *Alloconger major*.
+*Ariosoma meeki* (Jordan & Snyder, 1900)/ CS/ PT; Shen, 1998; m: *Ariosoma anago*.
+*Bathycongrus retrotinctus* (Jordan & Snyder, 1901)/ DCS/ PT, TS; s: *Rhechias retrotincta*.
Bathymyrus simus Smith, 1965/ DCS/ KS, PT.
+*Bathyroconger vicinus* (Vaillant, 1888)/ DS/ SCS; ASIZP 63789 (SCS).
Conger cinereus Rüppell, 1830/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Conger japonicus Bleeker, 1879/ SR/ KS, PT.
Conger myriaster (Brevoort, 1856)/ CS/ KS, PT.
Gnathophis nystromi ginanago (Asano, 1958)/ DS/ PT, TS; s: *Gnathophis nystromi*. m: *G.nystromi nystromi*.
Gorgasia taiwanensis Shao, 1990/ CS/ PT.
Heteroconger hassi (Klausewitz & Eibl-Eibesfeldt, 1959)/ CS/ PT, NS; Chen et al., 1999.
^+*Japonoconger sivicolus* (Matsubara & Ochiai, 1951)/ DS/ TS; ASIZP 60194 (TS).
Macrocephenchelys brevirostris (Chen & Weng, 1967)/ DS/ KS, PT; Chen & Weng, 1967; s: *Rhynchoconger brevirostris*.
Parabathymyrus macrophthalmus Kamohara, 1938/ CS/ KS, PT.
Rhynchoconger ectenurus (Jordan & Richardson, 1909)/ DS/ KS, PT; s: *Rhynchocymba ectenura*.
Uroconger lepturus (Richardson, 1845)/ DS/ KS, PT, SCS.

Nettastomatidae

- *+*Nettastoma parviceps* Günther, 1877/ DS/ TS; ASIZP 60203 (TS).
*+*Nettastoma solitarium* Castle & Smith, 1981/ DS/ SCS; ASIZP 63860 (SCS).
Saurenhelys fierasfer (Jordan & Snyder, 1901)/ DS/ KS, PT; s: *Chlipsis fierasfer*.

Serrivomeridae

- ^**Serrivomer sector* Garman, 1899/ DS/ SCS; ASIZP 66862 (SCS).

Order Clupeiformes

Pristigasteridae

- Ilisha melastoma* (Bloch & Schneider, 1801)/ P/ KS, PT.

- Opisthopterus tardoore* (Cuvier, 1829)/ P/ KS.
Pellona ditchela Valenciennes, 1847/ P/ SCS.

Engraulidae

- Encrasicholina heteroloba* (Rüppell, 1837)/ CS/ PT; s: *Stolephorus heteroloba*, *S. pseudoh*, *S. erolobus*.
Encrasicholina punctifer Fowler, 1938/ CS/ PT; s: *Stolephorus punctifer*. m: *Stolephorus zollinger*.
Engraulis japonicus Temminck & Schlegel, 1846/ CS/ KS, PT.
Setipinna tenuifilis (Valenciennes, 1848)/ CS/ KS, PT; m: *Setipinna taty*.
Stolephorus commersonii Lacepède, 1803/ CS/ PT.
Stolephorus indicus (van Hasselt, 1823)/ CS/ KS, PT. s: *Anchovia indica*.
Stolephorus insularis Hardenberg, 1933/ CS/ PT; m: *Stolephorus bataviensis*.
Thryssa chefuensis (Günther, 1874)/ CS/ KS, PT.
Thryssa dussumieri (Valenciennes, 1848)/ CS/ KS, PT.
Thryssa hamiltonii Gray, 1835/ CS/ KS, PT.
Thryssa setirostris (Broussonet, 1782)/ CS/ PT.

Chirocentridae

- Chirocentrus dorab* (Forsskål, 1775)/ P/ KS, PT.

Clupeidae

- Amblygaster leiogaster* (Valenciennes, 1847)/ P/ KS; Chen, 2004.
Clupanodon thrissa (Linnaeus, 1758)/ P/ KS, PT. s: *Clupanodon maculatus*.
Dussumieria acuta Valenciennes, 1847/ P/ KS, PT; m: *Dussumieria elopsoides*.
Dussumieria elopsoides Bleeker, 1849/ P/ KS, PT.
+*Etrumeus teres* (DeKay, 1842)/ P/ KS, PT.
+*Herklotsichthys punctatus* (Rüppell, 1837)/ P/ PT.
Herklotsichthys quadrimaculatus (Rüppell, 1837)/ P/ PT; m: *Herklotsichthys punctatus*.
Konosirus punctatus (Temminck & Schlegel, 1846)/ P/ PT.
Nematalosa come (Richardson, 1846)/ P/ KS, PT.
Nematalosa japonica Regan, 1917/ P/ KS, PT.
Nematalosa nasus (Bloch, 1795)/ P/ KS; s: *Clupanodon nasus*.
Sardinella albella (Valenciennes, 1847)/ P/ KS, PT.
Sardinella brachysoma Bleeker, 1852/ P/ KS; Chen, 2004.
Sardinella gibbosa (Bleeker, 1849)/ P/ KS, PT.
+*Sardinella jussieu* (Lacepède, 1803)/ P/ KS, PT.
Sardinella lemuru Bleeker, 1853/ P/ KS.
+*Sardinella melanura* (Cuvier, 1829)/ P/ KS, PT.
Sardinella zunasi (Bleeker, 1854)/ P/ PT.
Spratelloides delicatulus (Bennett, 1832)/ P/ PT; Chen, 2004.
Spratelloides gracilis (Temminck & Schlegel, 1846)/ P/ PT.

Order Gonorhynchiformes

Chanidae

- Chanos chanos* (Forsskål, 1775)/ CS/ KS, PT, TS; Chen et al., 1995.

Gonorynchidae

- Gonorynchus abbreviatus* Temminck & Schlegel, 1846/ CS/ KS, PT, TS.

Order Siluriformes

Plotosidae

- Plotosus lineatus* (Thunberg, 1787)/ SR/ KS, PT, TS; Chen et al., 1995; s: *Plotosus anguillar*

Ariidae

- Arius maculatus* (Thunberg, 1792)/ CS/ KS, PT.

Order Argentiniformes**Argentinidae**

Argentina kagoshimae Jordan & Snyder, 1902/ DCS/ PT, TS.

+*Glossanodon semifasciatus* (Kishinouye, 1904)/ DCS/ PT.

Microstomatidae

**Nansenia ardesiaca* Jordan & Thompson, 1914/ DCS/ TS, SCS; ASIZP 61665 (KS).

Alepocephalidae

Alepocephalus bicolor Alcock, 1891/ DS/ KS, PT, SCS; Yeh et al., 2006a.

+*Alepocephalus triangularis* Okamura & Kawanishi, 1984/ DS/ SCS; Yeh et al., 2006a.

+*Bajacalifornia burraigei* Townsend & Nichols, 1925/ DS/ SCS; Yeh et al., 2006a.

+*Leptoderma retropinna* Fowler, 1943/ DS/ SCS; Yeh et al., 2006a.

+*Rouleina guentheri* (Alcock, 1892)/ DS/ PT, SCS; Yeh et al., 2006a.

+*Rouleina watasei* (Tanaka, 1909)/ DS/ PT; Yeh et al., 2006a.

+*Xenodermichthys nodulosus* Günther, 1878/ DS/ KS, PT, TS.

Order Stomiiformes**Diplphidae**

Diplophos orientalis Matsubara, 1940/ P/ PT; Liao et al. in press.

Diplophos taenia Günther, 1873/ P/ PT, SCS

Gonostomatidae

Cyclothone atraria Gilbert, 1905/ P/ KS; Liao et al., 2006b.

Cyclothone pallida Brauer, 1902/ P/ SCS; Liao et al., 2006b.

Gonostoma atlanticum Norman, 1930/ P/ SCS; Liao et al., 2006b.

Gonostoma elongatum Günther, 1878/ P/ PT, SCS.

Sigmops gracilis (Günther, 1878)/ P/ SCS; s: *Gonostoma gracile*.

Sternoptychidae

Argyropelecus aculeatus Valenciennes, 1850/ P/ PT, TS, SCS; Liao et al., 2006b.

Argyropelecus affinis Garman, 1899/ P/ SCS; Liao et al. in press.

+*Argyropelecus gigas* Norman, 1930/ P/ PT, TS, SCS; Liao et al. in press.

+*Argyropelecus hemigymnus* Cocco, 1829/ P/ SCS; SCS; Liao et al. in press.

+*Polyipnus danae* Harold, 1990/ P/ SCS; SCS; Liao et al. in press.

+*Polyipnus stereope* Jordan & Starks, 1904/ P/ PT, SCS; Liao et al., 2006b

Polyipnus tridentifer McCulloch, 1914/ P/ PT; Shen, 1984a, Liao et al., 2006b.

+*Sternoptyx diaphana* Hermann, 1781/ P/ SCS; Liao et al. in press.

+*Sternoptyx obscura* Garman, 1899/ P/ SCS; SCS; Liao et al. in press.

+*Sternoptyx pseudobscura* Baird, 1971/ P/ SCS; Liao et al. in press.

Phosichthyidae

Ichthyococcus elongatus Imai, 1941/ P/ SCS; Liao et al., 2006b.

Vinciguerria nimbaria (Jordan & Williams, 1895)/ P/ SCS; Liao et al., 2006b.

Stomiidae

+*Astronesthes chrysophekadion* (Bleeker, 1849)/ P/ PT; Liao et al., 2006b.

+*Astronesthes formosana* Liao, Chen, Shao, 2006/ P/ PT, SCS; Liao et al., 2006a.

Astronesthes indicus Brauer, 1902/ P/ PT, SCS; Liao et al., 2006a.

Astronesthes indopacificus Parin & Borodulina, 1997/ P/ PT; Liao et al., 2006a.

+*Astronesthes lucifer* Gilbert, 1905/ P/ PT; Shen, 1984b. Liao et al., 2006a.

+*Astronesthes splendidus* Brauer, 1902/ P/ PT, TS; Liao et al., 2006a.

+*Astronesthes trifibulatus* Gibbs, Amaoka & Haruta, 1984/ P/ PT; Liao et al., 2006a.

+*Bathophilus nigerrimus* Giglioli, 1882/ P/ PT; Liao et al., 2006b.

Chauliodus sloani Bloch & Schneider, 1801/ P/ KS, PT, TS, SCS.

+*Eupogonesthes xenicus* Parin & Borodulina, 1993/ P/ PT; Liao et al., 2006a.

+*Heterophotus ophistoma* Regan & Trewavas, 1929/ P/ PT, TS, SCS; Liao et al., 2006a.

Idiacanthus fasciola Peters, 1877/ P/ PT, TS, SCS.

+*Leptostomias robustus* Imai, 1941/ P/ TS; Shen, 1984a.

+*Melanostomias melanops* Brauer, 1902/ P/ TS, SCS; Shen, 1984a.

Photonectes albipennis (Doderlein, 1882)/ P/ PT, SCS.

+*Photostomias guernei* Collett, 1889/ P/ PT, SCS; Liao et al., 2006b.

+*Rhadinesthes decimus* (Zugmayer, 1911)/ P/ PT; Liao et al., 2006a.

Stomias affinis Günther, 1887/ P/ PT, SCS; Chen & Yu, 1984.

Stomias nebulosus Alcock, 1889/ P/ PT, SCS; Liao et al., 2006b.

+*Thysanactis dentex* Regan & Trewavas, 1930/ P/ SCS; Liao et al., 2006b.

Order Ateleopodiformes**Ateleopodidae**

Ateleopus japonicus Bleeker, 1853/ DCS/ PT, TS; Shen & Ting, 1972.

*+*Ijimaia dofleini* Sauter, 1905/ DCS/ PT; ASIZP 62180 (PT).

Order Aulopiformes**Aulopidae**

+*Aulopus formosanus* Lee & Chao, 1994/ DS/ KS; Lee & Chao, 1994; m: *Aulopus japonicus*.

Aulopus japonicus Günther, 1877/ DS/ KS, PT; Lee & Chao, 1994; s: *Hime japonicus*.

Synodontidae

Harpadon microchir Günther, 1878/ CS/ PT.

Harpadon nehereus (Hamilton, 1822)/ CS/ PT.

Saurida elongata (Temminck & Schlegel, 1846)/ CS/ KS, PT.

Saurida gracilis (Quoy & Gaimard, 1824)/ CS/ KS, PT, TS, NS; Chen et al., 1997.

+*Saurida nebulosa* Valenciennes, 1850/ CS/ PT; Chen & Fang, 1999.

**Saurida tumbil* (Bloch, 1795)/ CS/ KS; NTUM, 2148 (KS).

Saurida undosquamis (Richardson, 1848)/ CS/ KS, PT; Jordan & Evermann, 1902; m: *Saurida argyrophanes*

Synodus binotatus Schultz, 1953/ CS/ PT; Cressey, 1981.

+*Synodus capricornis* Cressey & Randall, 1978/ CS/ PT; Chen et al., 2007.

Synodus dermatogenys Fowler, 1912/ CS/ PT; Shen, 1984a; m: *Synodus jaculum*.

Synodus doaki Russell & Cressey, 1979/ CS/ PT; Shen, 1984b; m: *Synodus ulae*.

Synodus fuscus Tanaka, 1917/ CS/ PT; Chen et al., 2007.

Synodus jaculum Russell & Cressey, 1979/ CS/ PT.

+*Synodus rubromarmoratus* Russell & Cressey, 1979/ CS/ PT.

+*Synodus taiwanensis* Chen, Ho & Shao, 2007/ CS/ PT; Chen et al., 2007.

Synodus tectus Cressey, 1981/ CS/ PT; Chen et al., 2007.

Synodus ulae Schultz, 1953/ CS/ PT; Shen, 1984a; m: *Synodus variegatus*.

Synodus variegatus (Lacepède, 1803)/ CS/ KS, PT, TS, NS; Chen et al., 1995; s: *Synodus englemani*

Trachinocephalus myops (Forster, 1801)/ CS/ KS, PT; s: *Trachinocephalus trachinus*.

Chlorophthalmidae

Chlorophthalmus acutifrons Hiyama, 1940/ DS/ PT.

Chlorophthalmus borealis Kuronuma & Yamaguchi, 1941/ DS/ PT.

Chlorophthalmus nigromarginatus Kamohara, 1953/ DS/ PT.

Ipnopidae

**Bathypterois atricolor* Alcock, 1896/ DS/ PT; ASIZP 64090 (SW coast).

**Bathypterois guentheri* Alcock, 1889/ DS/ PT; ASIZP 64106 (SW coast).

^**Bathytrophops marionae* Mead, 1958/ DS/ TS; FRIP 0124 (TS).

Scopelarchidae

**Rosenblattichthys alatus* (Fourmanoir, 1970)/ DS/ PT; ASIZP uncat. (Tong-kang).

Evermannellidae

**Evermannella indica* Brauer, 1906/ P/ TS; FRIP 0291 (TS).

Alepisauridae

Alepisaurus ferox Lowe, 1833/ DS/ PT.

Paralepididae

Lestrolepis japonica (Tanaka, 1908)/ P/ KS, PT.

Order Myctophiformes

Neoscopelidae

Neoscopelus macrolepidotus Johnson, 1863/ DS/ PT, SCS; Wang & Shao, 2006.

Neoscopelus microchir Matsubara, 1943/ DS/ PT, SCS; Wang & Chen, 2001; m: *Triphoturus microchir*.

Neoscopelus porosus Arai, 1969/ DS/ SCS; Wang & Shao, 2006.

Myctophidae

Benthoosema fibulatum (Gilbert & Cramer, 1897) / DS/ PT; Wang & Chen, 2001.

Benthoosema pterotum (Alcock, 1890) / P/ KS, PT, SCS; Wang & Chen, 2001.

Benthoosema suborbitale (Gilbert, 1913) / DS/ SCS; Wang & Chen, 2001.

Bolinichthys longipes (Brauer, 1906) / DS/ SCS; Wang & Chen, 2001.

+*Bolinichthys supralateralis* (Parr, 1928) / DS/ SCS; Wang & Chen, 2001.

Ceratoscopelus warmingii (Lütken, 1892) / DS/ PT, SCS; Wang & Chen, 2001.

Diaphus aliciae Fowler, 1934/ DS/ PT, SCS; Wang & Chen, 2001.

+*Diaphus coeruleus* (Klunzinger, 1871) / DS/ PT; Kao & Shao, 1996.

Diaphus diademophilus Nafpaktitis, 1978/ DS/ PT; Wang & Shao, 2006.

Diaphus fragilis Tåning, 1928/ DS/ SCS; Wang & Shao, 2006.

Diaphus fulgens (Brauer, 1904) / DS/ PT, SCS; Wang & Shao, 2006.

Diaphus garmani Gilbert, 1906/ DS/ PT, SCS; Wang & Chen, 2001; s: *Diaphus latus*.

Diaphus knappi Nafpaktitis, 1978/ DS/ PT, SCS; Wang & Chen, 2001.

Diaphus lucidus (Goode & Bean, 1896) / DS/ SCS; Wang & Shao, 2006.

Diaphus luetkeni (Brauer, 1904) / DS/ SCS; Wang & Chen, 2001.

**Diaphus mollis* Tåning, 1928/ DS/ SCS; ASIZP 61671 (SW coast).

Diaphus parri Tåning, 1932/ DS/ SCS; Wang & Shao, 2006.

Diaphus regani Tåning, 1932/ DS/ SCS; Wang & Shao, 2006.

Diaphus sagamiensis Gilbert, 1913/ DS/ PT.

Diaphus signatus Gilbert, 1908/ DS/ PT, SCS; Wang & Chen, 2001.

Diaphus splendidus (Brauer, 1904) / DS/ PT, SCS; Wang & Chen, 2001.

Diaphus suborbitalis Weber, 1913/ DS/ PT, SCS; Wang & Chen, 2001; m: *Diaphus diadematus*

Diaphus watasei Jordan & Starks, 1904/ DS/ PT; Wang & Chen, 2001.

Diogenichthys atlanticus (Tåning, 1928) / DS/ SCS; Wang & Chen, 2001.

Diogenichthys panurgus Bolin, 1946/ DS/ SCS; Wang & Shao, 2006.

+*Electrona risso* (Cocco, 1829) / DS/ SCS; Wang & Chen, 2001.

Hygophum proximum Becker, 1965/ DS/ SCS; Wang & Chen, 2001.

Hygophum reinhardtii (Lütken, 1892) / DS/ SCS; Wang & Chen, 2001.

+*Lampadena anomala* Parr, 1928/ DS/ PT, SCS; Wang & Chen, 2001.

Lampadena luminosa (Garman, 1899) / DS/ PT, SCS; Wang & Chen, 2001.

Lampanyctus alatus Goode & Bean, 1896/ DS/ PT, SCS; Wang & Chen, 2001.

Lampanyctus nobilis Tåning, 1928/ DS/ PT, SCS; Wang & Chen, 2001.

Lampanyctus tenuiformis (Brauer, 1906) / DS/ PT, SCS; Wang & Chen, 2001.

Lampanyctus turneri (Fowler, 1934) / DS/ PT, SCS; Wang & Chen, 2001.

+*Lobianchia gemellarii* (Cocco, 1838) / DS/ SCS; Wang & Chen, 2001.

Myctophum asperum Richardson, 1845/ DS/ KS, PT; Wang & Chen, 2001.

Myctophum aurolaternatum Garman, 1899/ DS/ PT, SCS; Wang & Chen, 2001.

Myctophum nitidulum Garman, 1899/ DS/ SCS; Wang & Chen, 2001.

Myctophum obtusirostre Tåning, 1928/ DS/ PT; Wang & Chen, 2001.

Myctophum spinosum (Steindachner, 1867) / DS/ PT, TS, SCS; Wang & Chen, 2001.

+*Nannobranchium nigrum* Günther, 1887/ DS/ PT, SCS; Wang & Chen, 2001; s: *Lampanyctus niger*.

+*Notolychnus valdiviae* (Brauer, 1904) / DS/ PT, SCS; Wang & Chen, 2001.

+*Notoscopelus caudispinosus* (Johnson, 1863) / DS/ PT, SCS; Wang & Chen, 2001.

+*Notoscopelus resplendens* (Richardson, 1845) / DS/ SCS; Wang & Chen, 2001.

- Symbolophorus evermanni* (Gilbert, 1905)/ DS/ SCS; Wang & Chen, 2001.
- Taaningichthys paurolychnus* Davy, 1972/ DS/ SCS; Wang & Shao, 2006.
- Triphoturus nigrescens* (Brauer, 1904)/ DS/ PT, SCS; Wang & Chen, 2001.
- Order Lampridiformes**
- Veliferidae**
- Velifer hypselopterus* Bleeker, 1879/ CS/ KS, PT.
- Lampridae**
- Lampris guttatus* (Brünnich, 1788)/ P/ PT.
- Lophotidae**
- ^**Eumecichthys fiski* (Günther, 1890)/ P/ KS; FRIP 0427 (SW coast).
- Trachipteridae**
- Desmodema polystictum* (Ogilby, 1898)/ P/ KS; Chen, 2004.
- Trachipterus ishikawae* Jordan & Snyder, 1901/ P/ TS.
- Order Polymixiiformes**
- Polymixiidae**
- Polymixia berndti* Gilbert, 1905/ DCS/ PT.
- Polymixia japonica* Günther, 1877/ DCS/ PT.
- ^*+*Polymixia longispina* Deng, Xiong & Zhan, 1983/ DCS/ PT; ASIZP 63688 (PT).
- Order Gadiformes**
- Bregmacerotidae**
- +*Bregmaceros japonicus* Tanaka, 1908/ P/ KS, PT, SCS.
- +*Bregmaceros lanceolatus* Shen, 1960/ P/ KS, PT, TS, SCS; Shen & Wang, 1991.
- Bregmaceros mcllellandi* Thompson, 1840/ P/ PT; Shen & Wang, 1991.
- *+*Bregmaceros nectabanus* Whitley, 1941/ P/ PT; ASIZP 62915 (W coast).
- Bregmaceros pescadorus* Shen, 1960/ P/ PT; Shen & Wang, 1991.
- Macrouridae**
- +*Bathygadus antrodes* (Jordan & Starks, 1904)/ DS/ KS, SCS; Chiou et al., 2004b.
- +*Bathygadus garretti* Gilbert & Hubbs, 1916/ DS/ PT; Chiou et al., 2004b.
- +*Bathygadus nipponicus* (Jordan & Gilbert, 1904)/ DS/ PT, SCS; Chiou et al., 2004b.
- +*Coelorinchus asteroides* Okamura, 1963/ DS/ PT; Chiou et al., 2004b.
- +*Coelorinchus brevisrostris* Okamura, 1984/ DS/ PT; Chiou et al., 2004a.
- Coelorinchus cingulatus* Gilbert & Hubbs, 1920/ DS/ PT, SCS; Chiou et al., 2004b; m: *Coelorinchus dorsalis*.
- Coelorinchus commutabilis* Smith & Radcliffe, 1912/ DS/ SCS; SCS; Shao et al., 2008.
- +*Coelorinchus divergens* Okamura & Yatou, 1984/ DS/ PT; Shao et al., 2008.
- Coelorinchus formosanus* Okamura, 1963/ DS/ KS, PT; Shao et al., 2008.
- Coelorinchus kamoharai* Matsubara, 1943/ DS/ PT; Shao et al., 2008.
- Coelorinchus kishinouyei* Jordan & Snyder, 1900/ DS/ PT.
- +*Coelorinchus leptorhinus* Chiou, Shao & Iwamoto, 2004/ DS/ PT; Chiou et al., 2004a; m: *Caelorinchus tokensis*
- +*Coelorinchus longissimus* Matsubara, 1943/ DS/ PT; Chiou et al., 2004b.
- Coelorinchus multispinulosus* Katayama, 1942/ DS/ PT; Chiou et al., 2004b.
- Coelorinchus parallelus* (Günther, 1877)/ DS/ PT; Shao et al., 2008.
- +*Coelorinchus productus* Gilbert & Hubbs, 1916/ DS/ PT; Chiou et al., 2004b.
- +*Coelorinchus spinifer* Gilbert & Hubbs, 1920/ DS/ SCS; Shao et al., 2008.
- +*Coryphaenoides asper* Günther, 1877/ DS/ SCS; Shao et al., 2008.
- Coryphaenoides marginatus* Steindachner & Doderlein, 1887/ DS/ PT, SCS; Shao et al., 2008.
- Coryphaenoides microps* (Smith & Radcliffe, 1912)/ DS/ SCS; Shao et al., 2008; m: *Coryphaenoides marginatus*.
- +*Coryphaenoides rudis* Günther, 1878/ DS/ SCS; Shao et al., 2008.
- +*Gadomus colletti* Jordan & Gilbert, 1904/ DS/ PT; Chiou et al., 2004b.
- +*Gadomus magnifilis* Gilbert & Hubbs, 1920/ DS/ PT; Shao et al., 2008.
- Gadomus multifilis* (Günther, 1887)/ DS/ PT; Shao et al., 2008.
- +*Hymenocephalus gracilis* Gilbert & Hubbs, 1920/ DS/ PT, SCS; Chiou et al., 2004b.
- +*Hymenocephalus lethonemus* Jordan & Gilbert, 1904/ DS/ PT, SCS; Chiou et al., 2004b.
- Hymenocephalus longiceps* Smith & Radcliffe, 1912/ DS/ PT, SCS; Chiou et al., 2004b.
- +*Hymenocephalus striatissimus* Jordan & Gilbert, 1904/ DS/ PT, SCS; Chiou et al., 2004b.
- +*Kumba gymnorhynchus* Iwamoto & Sazonov, 1994/ DS/ Shao et al., 2008.
- +*Kumba japonica* (Matsubara, 1943)/ DS/ PT; Chiou et al., 2004b.
- +*Kumba punctulata* Iwamoto & Sazonov, 1994/ DS/ SCS; Shao et al., 2008.
- +*Kuronezumia dara* (Gilbert & Hubbs, 1916)/ DS/ PT; Shao et al., 2008.
- Lucigadus nigromarginatus* (Smith & Radcliffe, 1912)/ DS/ PT, SCS; Shao et al., 2008.
- +*Macrosmia phalacra* Merrett, Sazonov & Shcherbachev, 1983/ DS/ SCS; Shao et al., 2008.
- Malacocephalus laevis* (Lowe, 1843)/ DS/ PT, TS; Shao et al., 2008.
- +*Malacocephalus nipponensis* Gilbert & Hubbs, 1916/ DS/ SCS; Shao et al., 2008.
- +*Mataeocephalus cristatus* Sazonov, Shcherbachev & Iwamoto, 2003/ DS/ SCS; Shao et al., 2008.
- +*Mataeocephalus hyostomus* (Smith & Radcliffe, 1912)/ DS/ PT; Shao et al., 2008.
- +*Nezumia coheni* Iwamoto & Merrett, 1997/ DS/ PT; Shao et al., 2008.
- Nezumia condylura* Jordan & Gilbert, 1904/ DS/ PT; Chiou et al., 2004b.
- +*Nezumia loricata* (Garman, 1899)/ DS/ PT; Shao et al., 2008.
- Nezumia spinosa* (Gilbert & Hubbs, 1916)/ DS/ PT; Shao et al., 2008.
- +*Pseudocetonurus septifer* Sazonov & Shcherbachev, 1982/ DS/ PT; Chiou et al., 2004b.
- +*Pseudonezumia cetonuropsis* (Gilbert & Hubbs, 1916)/ DS/ SCS; Shao et al., 2008.
- Sphagemacrurus decimalis* (Gilbert & Hubbs, 1920)/ DS/ SCS; Shao et al., 2008.
- +*Sphagemacrurus richardi* (Weber, 1913)/ DS/ SCS; Shao et al., 2008.
- +*Squalogadus modificatus* Gilbert & Hubbs, 1916/ DS/ SCS; Shao et al., 2008.
- +*Trachonurus sentipellis* Gilbert & Cramer, 1897/ DS/ PT; Shao et al., 2008.

- Trachonurus villosus* (Günther, 1877)/ DS/ SCS; Shao et al., 2008.
Ventrifossa divergens Gilbert & Hubbs, 1920/ DS/ PT; Chiou et al., 2004b.
 +*Ventrifossa fusca* Okamura, 1982/ DS/ SCS; Shao et al., 2008.
Ventrifossa garmani (Jordan & Gilbert, 1904)/ DS/ PT, SCS; Chiou et al., 2004b.
 +*Ventrifossa longibarbata* Okamura, 1982/ DS/ PT, SCS; Chiou et al., 2004b.
 +*Ventrifossa macroptera* Okamura, 1982/ DS/ PT, SCS; Chiou et al., 2004b.
Ventrifossa nigrodorsalis Gilbert & Hubbs, 1920/ DS/ PT, SCS; Chiou et al., 2004b.
 +*Ventrifossa rhipidodorsalis* Okamura, 1984/ DS/ PT; Chiou et al., 2004b.

Moridae

- Physiculus maximowiczii* (Hershenstein, 1896)/ DCS/ PT
 ^*+*Physiculus nigripinnis* Okamura, 1982/ DS/ PT; ASIZP 64272 (SW coast).
Physiculus roseus Alcock, 1891/ DS/ PT.

Order Ophidiiformes**Carapidae**

- +*Encheliophis gracilis* (Bleeker, 1856)/ SR/ PT.
 +*Onuxodon margaritiferae* (Rendahl, 1921)/ SR/ PT.
Onuxodon parvibrachium (Fowler, 1927)/ SR/ PT.
 ^**Pyramodon lindas* Markle & Olney, 1990/ DS/ PT; ASIZP 62313 (Tong-kang).
Pyramodon ventralis Smith & Radcliffe, 1913/ DS/ PT, TS.

Ophidiidae

- Acanthonus armatus* Günther, 1878/ DS/ SCS; Yeh et al., 2005.
 +*Bassozetus compressus* (Günther, 1878)/ DS/ SCS; Yeh et al., 2005.
 +*Bassozetus glutinosus* (Alcock, 1890)/ DS/ SCS; Yeh et al., 2005.
Bassozetus robustus Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005.
 +*Bathyonus caudalis* (Garman, 1899)/ DS/ SCS; Yeh et al., 2005.
Brotula multibarbata Temminck & Schlegel, 1846/ SR/ PT; Yeh et al., 2005; s: *Brotula formosae*.
Dicrolene quinquarius (Günther, 1887)/ DS/ SCS; Yeh et al., 2005.
Dicrolene tristis Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005.
 +*Glyptophidium lucidum* Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005; s: *Glyptophidium japonicum*.
Homostolus acer Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005; s: *Homostolus japonicus*.
 +*Hoplobrotula armata* (Temminck & Schlegel, 1846)/ DS/ PT, SCS; Yeh et al., 2005.
Lucibrotula bartschi Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005.
Monomitopus kumae Jordan & Hubbs, 1925/ DS/ SCS; Yeh et al., 2005.
 +*Monomitopus pallidus* Smith & Radcliffe, 1913/ DS/ SCS; Yeh et al., 2005.
Neobythites fasciatus Smith & Radcliffe, 1913/ DS/ PT; Yeh et al., 2005; m: *Neobythites macrops*.
Neobythites longipes Smith & Radcliffe, 1913/ DS/ PT, SCS; Yeh et al., 2006c.
Neobythites sivicola (Jordan & Snyder, 1901)/ DS/ PT; Yeh et al., 2005.
Neobythites stigmatosus Machida, 1984/ DS/ PT; Yeh et al., 2005.

- Ophidion muraenolepis* Günther, 1880/ DCS/ KS, PT; Chen & Shao, 1991; m: *Ophidion asiro*.
 +*Porogadus guentheri* Jordan & Fowler, 1902/ DS/ PT, SCS; Yeh et al., 2005.
 +*Porogadus miles* Goode & Bean, 1885/ DS/ SCS; Yeh et al., 2005.
Siremo imberbis (Temminck & Schlegel, 1846)/ DCS/ PT; Yeh et al., 2005.
 +*Xyelacyba myersi* Cohen, 1961/ DS/ SCS; Yeh et al., 2005.

Bythitidae

- +*Brotulinella taiwanensis* Schwarzhans, Moller & Nielsen, 2005/ SR/ PT; Schwarzhans et al., 2005.
 +*Diancistrus fuscus* (Fowler, 1946)/ SR/ PT; Chen & Shao, 1991, Schwarzhans et al., 2005; s: *Brotulina fusca*.
 +*Dinematichthys dasyrhynchus* Cohen & Hutchins, 1982/ SR/ PT, NS; Chen & Shao, 1991, Chen et al., 1997.
 ^**Dinematichthys iluocoeteoides* Bleeker, 1855/ SR/ PT; ASIZP 58524 (PT).
Dinematichthys minyomma Sedor & Cohen, 1987/ SR/ PT; Chen & Shao, 1991.
 ^*+*Dinematichthys riukiensis* Aoyagi, 1954/ SR/ PT; ASIZP 57503 (PT).

Order Lophiiformes**Lophiidae**

- +*Lophiodes insidiator* (Regan, 1921)/ DS/ PT; Ho & Shao, 2007b.
Lophiodes mutilus (Alcock, 1894)/ DS/ PT; Ho & Shao, 2007b.
 +*Lophiodes naresi* (Günther, 1880)/ DS/ PT; Ho & Shao, 2007b.
Lophiomus setigerus (Vahl, 1797)/ DCS/ DS; PT; Ho & Shao, 2007b; m: *Lophiodes mutilus*, *Lophius litulon*.
 Remark : *Lophius litulon* should be removed from list of fishes of SCS (see Ho & Shao, 2007b).

Antennariidae

- Antennarius biocellatus* (Cuvier, 1817)/ SR/ PT; Lee, 1988.
Antennarius coccineus (Lesson, 1831)/ SR/ PT; Pietsch & Grobecker, 1987.
Antennarius commerson (Latreille, 1804)/ SR/ PT; Lee, 1988.
Antennarius dorehensis Bleeker, 1859/ SR/ PT; Lee, 1988.
Antennarius hispidus (Bloch & Schneider, 1801)/ SR/ PT; Pietsch & Grobecker, 1987.
Antennarius nummifer (Cuvier, 1817)/ SR/ PT; Lee, 1988.
Antennarius pictus (Shaw, 1794)/ SR/ PT, NS; Chen et al., 2005.
Antennarius randalli Allen, 1970/ SR/ PT; Lee, 1988.
Antennarius striatus (Shaw, 1794)/ SR/ KS, PT; Lee, 1988.
Histiophryne cryptacanthus (Weber, 1913)/ SR/ PT; Lee, 1988; m: *Histiophryne bougainvilli*.
Histrio histrio (Linnaeus, 1758)/ P/ PT; Lee, 1988.

Chaunacidae

- Chaunax abei* Le Danois, 1978/ DS/ PT; Lee, 1988.

Ogocephalidae

- Halicmetus reticulatus* Smith & Radcliffe, 1912/ DS/ PT, TS.
 +*Halietaea fitsimensi* (Gilchrist & Thompson, 1916)/ DS/ PT.
Halietaea fumosa Alcock, 1894/ DS/ PT.
 +*Halietaea indica* Annandale & Jenkins, 1910/ DS/ PT; m: *Dibranchius japonicus*.
Halietaea stellata (Vahl, 1797)/ DS/ KS, PT.
 **Haliutopsis simula* (Smith & Radcliffe, 1912)/ DS/ TS; ASIZP 57202 (TS).
Malthopsis annulifera Tanaka, 1908/ DS/ PT; Lee, 1988.
Malthopsis lutea Alcock, 1891/ DS/ PT; Lee, 1988.

- **Malthopsis tiarella* Jordan, 1902/ DS/ PT; ASIZP uncat. (Tong-Kang).
- Himantolophidae**
- *^+*Himantolophus melanolophus* Bertelsen & Krefft, 1988/ DS/ PT; NMNSF 993 (Tong-kang).
- Diceratiidae**
- *+*Diceratias bispinosus* (Günther, 1887)/ DS/ PT; ASIZP 57321 (PT).
- Oneirodidae**
- ^*+*Oneirodes carlsbergi* (Regan & Trewavas, 1932)/ DS/ SCS; ASIZP 66385 (SCS).
- +*Oneirodes pietschi* Ho & Shao, 2004/ DS/ PT; Ho & Shao, 2004.
- ^*+*Tyrannophryne pugnax* Regan & Trewavas, 1932/ DS/ SCS; ASIZP 66384 (SCS).
- Ceratidae**
- **Ceratias holboelli* Kroyer, 1845/ DS/ TS; ASIZP 57172 (TS).
- Cryptosaras couesii* Gill, 1883/ DS/ PT; Chen et al, 1967.
- Linophryidae**
- Linophryne indica* (Brauer, 1902)/ DS/ PT; ASIZP 61806 (SW coast).
- Order Mugiliformes**
- Mugilidae**
- Chelon dussumieri* (Valenciennes, 1836)/ CS/ PT; Chang et al., 1999; s: *Lizu dussumieri*
- Crenimugil crenilabis* (Forsskål, 1775)/ CS/ PT; Chang et al., 1999.
- Liza affinis* (Günther, 1861)/ CS/ PT; Chang et al., 1999. s: *Chelon affinis*.
- +*Liza alata* (Steindachner, 1892)/ CS/ PT; Chang et al., 1999.
- +*Liza haematocheila* (Temminck & Schlegel, 1845)/ CS/ PT; Chang et al., 1999.
- Liza macrolepis* (Smith, 1846)/ CS/ PT; Chang et al., 1999; s: *Chelon macrolepis*, *Liza troscheli*.
- Liza subviridis* (Valenciennes, 1836)/ CS/ KS, PT; Chang et al., 1999; s: *Chelon subviridis*
- Liza vaigiensis* (Quoy & Gaimard, 1825)/ CS/ KS, PT; Chang et al., 1999; s: *Ellochelon vaigiensis*.
- Moolgarda perusii* (Valenciennes, 1836)/ CS/ PT; Chen, 2004.
- Mugil cephalus* Linnaeus, 1758/ CS/ KS, PT; Chang et al., 1999; s: *Mugil oeur*.
- Valamugil cunnesius* (Valenciennes, 1836)/ CS/ KS, PT; Chang et al., 1999; s: *Moolgarda cunnesius*.
- Valamugil seheli* (Forsskål, 1775)/ CS/ KS, PT; Chang et al., 1999.
- Order Atheriniformes**
- Atherionidae**
- Atherion elymus* Jordan & Starks, 1901/ SR/ PT.
- Atherinomorus lacunosus* (Forster, 1801)/ SR/ PT; Kimura et al., 2007.
- Hypoatherina valenciennei* (Bleeker, 1853)/ SR/ PT.
- Order Beloniformes**
- Exocoetidae**
- Cheilopogon abei* Parin, 1996/ P/ PT; Chen, 1978; m: *Cypselurus exsiliens*, *C. katoptron*.
- Cheilopogon agoo* (Temminck & Schlegel, 1846)/ P/ KS, PT.
- Cheilopogon arcticeps* (Günther, 1866)/ P/ PT.
- Cheilopogon cyanopterus* (Valenciennes, 1847)/ P/ KS.
- Cheilopogon katoptron* (Bleeker, 1865)/ P/ KS.
- Cheilopogon pinnatibarbus japonicus* Franz, 1910/ P/ TS; Chen et al., 1995.
- Cheilopogon spilopterus* (Valenciennes, 1847)/ P/ KS.
- Cheilopogon suttoni* (Whitley & Colefax, 1938)/ P/ PT.
- Cheilopogon unicolor* (Valenciennes, 1847)/ P/ PT.
- Cypselurus angusticeps* Nichols & Breder, 1935/ P/ PT.
- Cypselurus poecilopterus* (Valenciennes, 1847)/ P/ KS, PT.
- Exocoetus monocirrhus* Richardson, 1846/ P/ KS; Chen, 1978.
- Hirundichthys oxycephalus* (Bleeker, 1852)/ P/ KS, PT; Chen, 1978.
- Parexocoetus brachypterus* (Richardson, 1846)/ P/ PT; Chen, 1978; s: *Parexocoetus brachypterus*.
- Parexocoetus mento* (Valenciennes, 1847)/ P/ PT; Chen, 1978.
- Hemiramphidae**
- Euleptorhamphus viridis* (van Hasselt, 1823)/ SR/ PT; s: *Euleptorhamphus longirostris*.
- +*Hyporhamphus intermedius* (Cantor, 1842)/ SR/ KS, PT.
- Zenarchopteridae**
- Zenarchopterus buffonis* (Valenciennes, 1847)/ SR/ PT.
- Zenarchopterus dunckeri* Mohr, 1926/ SR/ PT; Kuo & Shao, 1999.
- Belonidae**
- Strongylura leiura* (Bleeker, 1850)/ SR/ PT; s: *Tylosurus leiurus*.
- Tylosurus acus melanotus* (Bleeker, 1850)/ SR/ PT.
- Tylosurus crocodilus* Chen et al., 1995/ SR/ TS..
- Order Beryciformes**
- Diretmidae**
- **Diretmoides pauciradiatus* (Woods, 1973)/ DS/ KS; ASIZP 63730 (SW coast).
- **Diretmoides veriginae* Kotlyar, 1987/ DS/ PT; ASIZP 57477 (PT).
- Diretmus argenteus* Johnson, 1864/ DS/ PT, SCS.
- Monocentridae**
- Monocentris japonica* (Houttuyn, 1782)/ SR/ KS, PT.
- Trachichthyidae**
- Aulotrachichthys prothemius* (Jordan & Fowler, 1902)/ DS/ KS, PT.
- +*Gephyroberyx japonicus* (Doderlein, 1883)/ DS/ PT.
- Hoplostethus crassispinus* Kotlyar, 1980/ DS/ PT.
- Berycidae**
- Centroberyx rubricaudus* Liu & Shen, 1985/ DS/ KS, PT.
- Holocentridae**
- Myripristis adusta* Bleeker, 1853/ SR/ PT, TS; Chen et al., 1995.
- Myripristis berndti* Jordan & Evermann, 1903/ SR/ PT, TS, NS; Chen et al., 1995.
- Myripristis botche* Cuvier, 1829/ SR/ KS, PT, TS; Chen et al., 1995; s: *Myripristis melanostictus*.
- Myripristis chryseres* Jordan & Evermann, 1903/ SR/ PT; Chen et al., 1990.
- Myripristis formosa* Randall & Greenfield, 1996/ SR/ PT; Randall & Greenfield, 1996.
- Myripristis kuntee* Valenciennes, 1831/ SR/ PT, TS, NS; Chen et al., 1997.
- Myripristis murdjan* (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Myripristis parvidens*.
- Myripristis pralinia* Cuvier, 1829/ SR/ PT; Yu, 1963. Chen et al., 1990.
- Myripristis violacea* Bleeker, 1851/ SR/ PT, TS; Chen et al., 1995; s: *Myripristis microphthalmus*.
- Myripristis vittata* Valenciennes, 1831/ SR/ PT, NS; Chen et al., 1997.

- +*Neoniphon aurolineatus* (Liénard, 1839)/ SR/ PT; Chen, 2004.
Neoniphon opercularis (Valenciennes, 1831)/ SR/ PT.
Neoniphon sammara (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Flammeo sammara*.
Ostichthys japonicus (Cuvier, 1829)/ SR/ KS, PT; Chen et al., 1990.
Ostichthys kaianus (Günther, 1880)/ SR/ KS, PT; Chen et al., 1990.
Ostichthys sheni Chen, Shao & Mok, 1990/ SR/ PT; Chen et al., 1990.
Plectrypops lima (Valenciennes, 1831)/ SR/ PT; Chen et al., 1990.
Sargocentron caudimaculatum (Rüppell, 1838)/ SR/ PT, TS, NS; Chen et al., 1997.
Sargocentron cornutum (Bleeker, 1853)/ SR/ KS.
Sargocentron diadema (Lacepède, 1802)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Holocentrus diadema*.
[^]**Sargocentron ensifer* (Jordan & Evermann, 1903)/ SR/ PT; NMMBP, 2457 (PT).
Sargocentron ittodai (Jordan & Fowler, 1902)/ SR/ PT, TS; Chen et al., 1995; s: *Adioryx ittodai*.
Sargocentron melanospilos (Bleeker, 1858)/ SR/ PT, TS; Chen et al. 1995; s: *Myripristis melanostictus*.
Sargocentron praslin (Lacepède, 1802)/ SR/ PT.
Sargocentron punctatissimum (Cuvier, 1829)/ SR/ PT, NS; Chen et al., 1997; s: *Sargocentron lacteoguttatum*.
Sargocentron rubrum (Forsskål, 1775)/ SR/ PT, TS; Chen et al., 1995.
Sargocentron spiniferum (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Holocentrus spinifer*.
Sargocentron spinosissimum (Temminck & Schlegel, 1843)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Holocentrus spinosissimum*
Sargocentron tiere (Cuvier, 1829)/ SR/ PT.

Order Zeiformes**Parazenidae**

- Cyttopsis rosea* (Lowe, 1843)/ DCS/ PT.
Parazen pacificus Kamohara, 1935/ DCS/ PT, TS.

Zeniontidae

- *+*Cyttomimus affinis* Weber, 1913/ DCS/ PT; ASIZP 57207 (PT).
 **Zenion hololepis* (Goode & Bean, 1896)/ DCS/ TS; ASIZP 58432 (TS).

Grammicolepididae

- *+*Grammicolepis brachiusculus* Poey, 1873/ DS/ TS; ASIZP 59352 (TS).
Xenolepidichthys dalgleishi Gilchrist, 1922/ DS/ PT.

Zeidae

- Zenopsis nebulosa* (Temminck & Schlegel, 1845)/ DCS/ KS, PT.
 +*Zenopsis stabilispinosa* Nakabo, Bray & Yamada, 2006/ DCS/ PT, TS; Nakabo et al., 2006.
Zeus faber Linnaeus, 1758/ DCS/ PT.

Order Gasterosteiformes**Pegasidae**

- Eurypegasus draconis* (Linnaeus, 1766)/ CS/ PT.
Pegasus volitans Linnaeus, 1758/ CS/ KS.

Solenostomidae

- Solenostomus cyanopterus* Bleeker, 1854/ SR/ PT.

Syngnathidae

- [^]**Campichthys nanus* Dawson, 1977/ SR/ PT; ASIZP 62057 (PT).
Corythoichthys flavofasciatus (Rüppell, 1838)/ SR/ TS, NS; Chen et al., 1997.

- **Corythoichthys haematopterus* (Bleeker, 1851)/ SR/ PT; ASIZP 59390 (PT).

- Doryrhamphus dactyliophorus* (Bleeker, 1853)/ SR/ PT; Lee, 1983; s: *Dunckerocampus dactyliophorus*.

- +*Doryrhamphus excisus excisus* Kaup, 1856/ SR/ PT.

- **Doryrhamphus janssi* (Herald & Randall, 1972)/ SR/ PT; ASIZP 59389 (PT).

- Doryrhamphus japonicus* Araga & Yoshino, 1975/ SR/ PT; Shao & Chen, 1988.

- Halicampus grayi* Kaup, 1856/ SR/ KS, PT.

- Halicampus macrorhynchus* Bamber, 1915/ SR/ PT.

- Halicampus mataafae* (Jordan & Seale, 1906)/ SR/ PT; Lee, 1983; s: *Micrognathus mataafae*.

- Hippichthys cyanospilos* (Bleeker, 1854)/ SR/ PT; Lee, 1983.

- Hippichthys heptagonus* Bleeker, 1849/ SR/ PT; Lee, 1983.

- [^]**Hippocampus bargibanti* Whitley, 1970/ SR/ PT; Underwater photograph.

- Hippocampus histrix* Kaup, 1856/ SR/ KS, PT; Lee, 1983.

- Hippocampus kuda* Bleeker, 1852/ SR/ KS, PT; Lee, 1983.

- Hippocampus spinosissimus* Weber, 1913/ SR/ KS, PT, NS; Chen et al., 1997; s: *Hippocampus erinaceus*.

- Hippocampus trimaculatus* Leach, 1814/ SR/ KS, PT; Lee, 1983.

- Microphis leiaspis* (Bleeker, 1853)/ SR/ PT.

- Phoxocampus belcheri* (Kaup, 1856)/ SR/ PT; Lee, 1983; s: *Ichthyocampus belcheri*

- Phoxocampus diacanthus* (Schultz, 1943)/ SR/ PT.

- Solegnathus hardwickii* (Gray, 1830)/ SR/ PT; Lee, 1983.

- Syngnathoides biaculeatus* (Bloch, 1785)/ SR/ PT; Lee, 1983.

- Trachyrhamphus serratus* (Temminck & Schlegel, 1850)/ SR/ KS, PT; Lee, 1983.

Aulostomidae

- Aulostomus chinensis* (Linnaeus, 1766)/ SR/ PT, TS, NS; Chen et al., 1997.

Fistulariidae

- Fistularia commersonii* Rüppell, 1838/ SR/ PT.
Fistularia petimba Lacepède, 1803/ SR/ PT, TS, NS; Chen et al., 1997.

Macroramphosidae

- +*Macroramphosus scolopax* (Linnaeus, 1758)/ SR/ PT.

Centriscidae

- Aeoliscus strigatus* (Günther, 1861)/ SR/ KS, PT.
Centriscus scutatus Linnaeus, 1758/ SR/ KS, PT.

Order Scorpaeniformes**Dactylopteridae**

- Dactyloptena gilberti* Snyder, 1909/ CS/ PT.
Dactyloptena orientalis (Cuvier, 1829)/ CS/ KS, PT; s: *Cephalacanthus japonicus*
Dactyloptena peterseni (Nystrom, 1887)/ CS/ PT; s: *Daicocus panderseni*.

Scorpaenidae

- Ablabys macracanthus* (Bleeker, 1852)/ SR/ KS; Chen, 1981; s: *Ablabyapistus macracanthus*.
Ablabys taenianotus (Cuvier, 1829)/ SR/ PT; Chen, 1969.
Apistus carinatus (Bloch & Schneider, 1801)/ CS/ KS, PT; Chen, 1981.
Brachypterois serrulata (Richardson, 1846)/ CS/ PT; Chen, 1981; s: *Brachypterois serrulatus*.
 **Choridactylus multibarbus* Richardson, 1848/ CS/ PT; FRIP 0256 (Tong-kang).
Dendrochirus bellus (Jordan & Hubbs, 1925)/ CS/ KS; Chen, 1981; s: *Brachirus bellus*.
Dendrochirus biocellatus (Fowler, 1938)/ SR/ PT, NS; Chen et al., 1997.

- Dendrochirus zebra* (Cuvier, 1829)/ SR/ PT; Chen, 1981.
Ectreposebastes imus Garman, 1899/ DS/ PT; Chen, 1981.
Helicolenus hilgendorffii (Doderlein, 1884)/ DS/ KS, PT; Chen, 1981.
Inimicus didactylus (Pallas, 1769)/ CS/ PT.
Inimicus japonicus (Cuvier, 1829)/ CS/ PT.
Inimicus sinensis (Valenciennes, 1833)/ CS/ KS, PT; Chen, 1981.
 +*Iracundus signifer* Jordan & Evermann, 1903/ SR/ PT; Chen, 1981.
Minous coccineus Alcock, 1890/ CS/ KS; Chen, 1981.
Minous monodactylus (Bloch & Schneider, 1801)/ CS/ PT; Chen, 1981.
Minous pictus Günther, 1880/ CS/ PT; Chen, 1981.
Minous pusillus Temminck & Schlegel, 1843/ CS/ KS; Chen, 1981.
Minous quincarinatus (Fowler, 1943)/ CS/ KS, PT; Chen, 1981; m: *Sebastes inermis*, *Minous inermis*.
Neomerinthe megalepis (Fowler, 1938)/ CS/ PT; Chen, 1981.
Neomerinthe procurva Chen, 1981/ CS/ KS, PT; Chen, 1981.
Neomerinthe rotunda Chen, 1981/ DS/ KS, PT; Chen, 1981.
Neosebastes entaxis Jordan & Starks, 1904/ SR/ KS, PT; Chen, 1981.
Ocosia fasciata Matsubara, 1943/ DCS/ PT; Chen, 1981.
Ocosia spinosa Chen, 1981/ DCS/ PT; Chen, 1981.
 ^*+*Ocosia vespa* Jordan & Starks, 1904/ DCS/ PT; ASIZP 57315 (PT).
 **Paracentropogon longispinis* (Cuvier, 1829)/ SR/ KS; NMMSTP 0172 (SW coast).
Parapterois heterura (Bleeker, 1856)/ CS/ KS, PT.
Parascorpaena maculipinnis Smith, 1957/ SR/ PT; Chen, 1981.
Parascorpaena mcadamsi (Fowler, 1938)/ SR/ PT, TS, NS; Chen et al., 1997.
Parascorpaena mossambica (Peters, 1855)/ SR/ PT, TS; Chen et al., 1995.
Parascorpaena picta (Cuvier, 1829)/ SR/ PT; Chen, 1981.
Phenacoscorpius megalops Fowler, 1938/ DS/ PT, SCS; Chen, 1981.
Plectrogenium nanum Gilbert, 1905/ DS/ KS, PT, TS; Chen, 1981.
Pontinus tentacularis (Fowler, 1938)/ DS/ KS, PT; Chen, 1981.
Pteroidichthys amboinensis Bleeker, 1856/ CS/ PT.
Pterois antennata (Bloch, 1787)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Pterois lunulata Temminck & Schlegel, 1843/ SR/ KS, PT, NS; Chen et al., 1997.
Pterois radiata Cuvier, 1829/ SR/ PT; Chen, 1981.
Pterois russelii Bennett, 1831/ SR/ KS; Chen, 1981.
Pterois volitans (Linnaeus, 1758)/ SR/ PT, TS, NS; Chen et al., 1997.
 +*Rhinopias aphanes* Eschmeyer, 1973/ SR/ PT; Chen, 1981.
 *+*Rhinopias eschmeyeri* Condé., 1977/ SR/ PT; ASIZP 57376 (PT).
 +*Scorpaena miostoma* Günther, 1877/ CS/ KS, PT; Shao & Chen, 1988.
Scorpaena neglecta Temminck & Schlegel, 1843/ DCS/ PT, NS; Chen et al., 1995; s: *Scorpaena neglecta neglecta*.
Scorpaena onaria Jordan & Snyder, 1900/ DR/ KS, PT; Shao & Chen, 1988.
Scorpaenodes guamensis (Quoy & Gaimard, 1824)/ SR/ PT, NS; Chen et al., 1997.
Scorpaenodes hirsutus (Smith, 1957)/ SR/ PT; Chen, 1981.
Scorpaenodes kelloggi (Jenkins, 1903)/ SR/ PT, TS; Chen et al., 1995.
Scorpaenodes littoralis (Tanaka, 1917)/ SR/ PT; Chen, 1981.
Scorpaenodes minor (Smith, 1958)/ SR/ PT; Shao & Chen, 1988.
Scorpaenodes parvipinnis (Garrett, 1864)/ SR/ PT, NS; Chen et al., 1997.
 **Scorpaenodes scaber* (Ramsay & Ogilby, 1886)/ SR/ PT; ASIZP 58503 (PT).
Scorpaenodes varipinnis Smith, 1957/ SR/ PT; Chen, 1981.
Scorpaenopsis cirrosa (Thunberg, 1793)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Scorpaenopsis cirrhosa*. m: *Scorpaena izensis*.
Scorpaenopsis diabolus (Cuvier, 1829)/ SR/ PT, TS, NS; Chen et al., 1997; m: *Scorpaena izensis*.
Scorpaenopsis neglecta Heckel, 1837/ SR/ PT; Chen, 1981; m: *Scorpaenopsis gibbosa*.
 +*Scorpaenopsis possi* Randall & Eschmeyer, 2001/ SR/ PT; Randall & Eschmeyer, 2001.
 +*Scorpaenopsis ramaraoi* Randall & Eschmeyer, 2001/ SR/ PT; Randall & Eschmeyer, 2001.
 *+*Scorpaenopsis venosa* (Cuvier, 1829)/ SR/ PT; CAS 54152 (PT).
Sebastapistes cyanostigma (Bleeker, 1856)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Sebastapistes albobrunnea*.
Sebastapistes strongia (Cuvier, 1829)/ SR/ PT, TS; Chen, 1981; s: *Sebastapistes bynoensis*.
 ^*+*Sebastapistes tinkhami* (Fowler, 1946)/ SR/ PT; ASIZP 56945 (PT).
 +*Sebasticus albofasciatus* (Lacepède, 1802)/ DR/ PT; Chen, 1981.
Setarches longimanus (Alcock, 1894)/ DS/ KS, PT, TS; Chen, 1981.
Synanceia verrucosa Bloch & Schneider, 1801/ SR/ KS, PT, TS; Chen et al., 1995.
Taenianotus triacanthus Lacepède, 1802/ SR/ PT; Chen, 1981.
Thysanichthys crossotus Jordan & Starks, 1904/ DR/ PT; Chen, 1981.
- Caracanthidae**
Caracanthus maculatus (Gray, 1831)/ SR/ PT, TS; Chen et al., 1995.
- Aploactinidae**
Aploactis aspera (Richardson, 1845)/ SR/ KS; Chen, 1981.
Erisphex pottii (Steindachner, 1896)/ SR/ KS, PT; Chen, 1981.
Erisphex simplex Chen, 1981/ SR/ KS; Chen, 1981.
- Triglidae**
Lepidotrigla abyssalis Jordan & Starks, 1904/ DCS/ PT; Chen & Shao, 1988.
Lepidotrigla alata (Houttuyn, 1782)/ DCS/ KS, PT; Jordan & Evermann, 1902.
 +*Lepidotrigla guentheri* Hilgendorf, 1879/ DCS/ KS; Chen & Shao, 1988.
 +*Lepidotrigla hime* Matsubara & Hiyama, 1932/ DCS/ PT.
Lepidotrigla japonica (Bleeker, 1854)/ DCS/ KS, PT.
Lepidotrigla kishinouyei Snyder, 1911/ DCS/ PT; Chen & Shao, 1988.
Lepidotrigla oglina Fowler, 1938/ DCS/ TS, NS; Fowler, 1938.
Lepidotrigla punctipectoralis Fowler, 1938/ DCS/ KS; Chen & Shao, 1988.
Pterygotrigla hemisticta (Temminck & Schlegel, 1843)/ DCS/ PT; Chen & Shao, 1988.
Pterygotrigla macrorhynchus Kamohara, 1936/ DCS/ PT; Chen & Shao, 1988.

Pterygotrigla multiocellata (Matsubara, 1937)/ DCS/ PT; Chen, 2004.

Peristediidae

Gargariscus prionocephalus (Duméril, 1869)/ DCS/ PT.

**Peristedion liorhynchus* (Günther, 1872)/ DCS/ PT; ASIZP 64103 (SW coast).

Peristedion nierstraszi Weber, 1913/ DCS/ PT; Chen & Shao, 1988.

Peristedion orientale Temminck & Schlegel, 1843/ DCS/ KS, PT, TS, SCS.

Satyrichthys amiscus (Jordan & Starks, 1904)/ DCS/ PT; Chen & Shao, 1988.

Satyrichthys orientale (Fowler, 1938)/ DCS/ TS; Fowler, 1938.

Satyrichthys piercei Fowler, 1938/ DCS/ TS; Fowler, 1938.

Satyrichthys rieffeli (Kaup, 1859)/ DCS/ PT; Chen & Shao, 1988.

Bembridae

Bembras japonica Cuvier, 1829/ CS/ KS, PT.

Parabembras curtus (Temminck & Schlegel, 1843)/ CS/ PT.

Platycephalidae

Cociella crocodila (Tilesius, 1812)/ CS/ KS, PT, TS; s: *Platycephalus inermis*, *P. crocodilus*, *Cocius crocodila*. m: *P. guttata*, *Cociella punctata*.

*+*Cymbacephalus beauforti* (Knapp, 1973)/ CS/ PT; ASIZP 57069 (PT).

Eurycephalus arenicola (Schultz, 1966)/ CS/ PT; Shao & Chen, 1987; m: *Thysanophrys arenicola*.

+*Eurycephalus otaitensis* (Cuvier, 1829)/ CS/ PT; Shao & Chen, 1987. m: *Thysanophrys papillolabium*

Grammoplites scaber (Linnaeus, 1758)/ CS/ PT; Shao & Chen, 1987; m:

+*Inegocia guttata* (Cuvier, 1829)/ CS/ PT; Shao & Chen, 1987.

Onigocia macrolepis (Bleeker, 1854)/ CS/ PT; Shao & Chen, 1987.

Onigocia spinosa (Temminck & Schlegel, 1843)/ CS/ KS, PT; Shao & Chen, 1987.

Platycephalus indicus (Linnaeus, 1758)/ CS/ PT; Shao & Chen, 1987.

Ratabulus megacephalus (Tanaka, 1917)/ CS/ KS, PT; Shao & Chen, 1987.

Rogadius asper (Cuvier, 1829)/ CS/ KS, PT; Shao & Chen, 1987.

Rogadius patriciae Knapp, 1987/ CS/ PT; Shao & Chen, 1987.

Sorsogona tuberculata (Cuvier, 1829)/ CS/ PT; Shao & Chen, 1987.

Suggrundus macracanthus (Bleeker, 1869)/ CS/ PT; Shao & Chen, 1987.

Suggrundus meerdervoortii (Bleeker, 1860)/ CS/ KS, PT; Shao & Chen, 1987.

Thysanophrys celebica (Bleeker, 1854)/ CS/ KS, PT; Shao & Chen, 1987.

Thysanophrys chiltonae Schultz, 1966/ CS/ PT; Shao & Chen, 1987.

Thysanophrys longirostris (Shao & Chen, 1987)/ CS/ PT; Shao & Chen, 1987.

Hoplichthyidae

Hoplichthys fasciatus Matsubara, 1937/ CS/ PT; Shao & Chen, 1987.

Hoplichthys gilberti Jordan & Richardson, 1908/ CS/ PT; Shao & Chen, 1987.

Hoplichthys langsdorffii Cuvier, 1829/ CS/ PT; Shao & Chen, 1987.

Ereuniidae

^*+*Ereunias grallator* Jordan & Snyder, 1901; PT; ASIZP 63795 (SW coast).

Order Perciformes

Ambassidae

+*Ambassis macracanthus* Bleeker, 1849/ CS/ PT; ASIZP 60769 (PT).

+*Ambassis miops* Günther, 1872/ CS/ PT; Kuo & Shao, 1999.

Ambassis urotaenia Bleeker, 1852/ CS/ PT.

Latidae

Lates calcarifer (Bloch, 1790)/ SR/ PT.

Moronidae

Lateolabrax japonicus (Cuvier, 1828)/ SR/ KS; Jordan & Evermann, 1902.

Percichthyidae

Bathysphyraenops simplex Parr, 1933/ DS/ PT, SCS.

Acropomatidae

Acropoma hanedai Matsubara, 1953/ DCS/ KS, PT, TS.

Acropoma japonicum Günther, 1859/ DCS/ PT.

Doederleinia berycoides (Hilgendorf, 1879)/ DCS/ PT, SCS; Shen, 1984b.

Malakichthys wakiyae Jordan & Hubbs, 1925/ DCS/ KS, PT.

^**Neoscombrops pacificus* Mochizuki, 1979/ DCS/ PT; ASIZP 62616 (PT).

+*Synagrops japonicus* (Döderlein, 1883)/ DCS/ KS, PT; Shao et al., 1993.

+**Synagrops philippinensis* (Günther, 1880)/ DCS/ KS, PT; ASIZP 62379 (KS).

Symphysanodontidae

+*Symphysanodon katayamai* Anderson, 1970/ SR/ KS, PT; Lee, 1989.

**Symphysanodon typus* Bleeker, 1878/ SR/ PT; NMMBP 3375 (PT).

Serranidae

Aethaloperca rogae (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997.

Anyperodon leucogrammicus (Valenciennes, 1828)/ SR/ PT.

Aulacocephalus temminckii Bleeker, 1854/ SR/ PT.

Belonoperca chabanaudi Fowler & Bean, 1930/ SR/ PT.

Caprodon schlegelii (Günther, 1859)/ SR/ PT, TS; Lee, 1990.

Cephalopholis argus Bloch & Schneider, 1801/ SR/ PT, NS; Chen et al., 1997.

Cephalopholis aurantia (Valenciennes, 1828)/ SR/ PT; Evermann & Seale, 1907; s: *Cephalopholis analis*, *C. Obtusaurrus*.

Cephalopholis boenak (Bloch, 1790)/ SR/ PT; Liang, 1948; s: *Cephalopholis pachycentro*.

Cephalopholis formosa (Shaw, 1812)/ SR/ PT; Lee, 1990.

Cephalopholis igarashiensis Katayama, 1957/ SR/ PT; Lee, 1990.

Cephalopholis leopardus (Lacepède, 1801)/ SR/ PT, NS; Chen et al., 1997.

Cephalopholis miniata (Forsskål, 1775)/ SR/ KS, PT.

Cephalopholis sexmaculata (Rüppell, 1830)/ SR/ PT.

Cephalopholis sonnerati (Valenciennes, 1828)/ SR/ KS, PT, TS; Chen et al., 1995.

Cephalopholis spiloparaea (Valenciennes, 1828)/ SR/ PT, TS; Lee, 1990, Chen et al., 1995.

Cephalopholis urodeta (Forster, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.

Chelidoperca hirundinacea (Valenciennes, 1831)/ SR/ KS, PT; Lee, 1990.

Chelidoperca pleurospilus (Günther, 1880)/ SR/ KS; Lee, 1990.

- Cromileptes altivelis* (Valenciennes, 1828)/ SR/ PT, TS; Chen et al., 1995.
- Diploprion bifasciatum* Cuvier, 1828/ SR/ PT.
- Epinephelus akaara* (Temminck & Schlegel, 1842)/ SR/ KS, PT; s: *Epinephelus diacanthus*.m: *E. fario*.
- Epinephelus amblycephalus* (Bleeker, 1857)/ DR/ PT.
- Epinephelus areolatus* (Forsskål, 1775)/ SR/ KS, PT, TS.
- Epinephelus awoara* (Temminck & Schlegel, 1842)/ SR/ KS, PT.
- Epinephelus bleekeri* (Vaillant, 1878)/ DR/ PT; Lee, 1990.
- Epinephelus bontoides* (Bleeker, 1855)/ SR/ PT; Lee, 1990.
- Epinephelus bruneus* Bloch, 1793/ DR/ PT; Shen, 1984a; s: *Epinephelus moara*.
- Epinephelus chlorostigma* (Valenciennes, 1828)/ DR/ KS, PT; Jordan & Evermann, 1902;
- Epinephelus coeruleopunctatus* (Bloch, 1790)/ SR/ PT, TS; Chen et al., 1995; m: *E. summana*.
- Epinephelus coioides* (Hamilton, 1822)/ SR/ KS, PT; m: *Epinephelus flavocaeruleus*.
- Epinephelus corallicola* (Valenciennes, 1828)/ SR/ PT; m: *Epinephelus tauvina*, *E. caeruleopunctatus*
- Epinephelus cyanopodus* (Richardson, 1846)/ SR/ PT, TS; Chen et al., 1995.
- Epinephelus epistictus* (Temminck & Schlegel, 1842)/ DR/ KS.
- Epinephelus fasciatomaculosus* (Peters, 1865)/ SR/ KS, PT; m: *Epinephelus diacanthus*, *E. akaara*.
- Epinephelus fasciatus* (Forsskål, 1775)/ SR/ KS, PT, NS; Chen et al., 1997.
- Epinephelus hexagonatus* (Forster, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.
- Epinephelus lanceolatus* (Bloch, 1790)/ SR/ PT; s: *Promicrops lanceolata*.
- Epinephelus latifasciatus* (Temminck & Schlegel, 1842)/ DR/ KS, PT; Lee, 1990.
- Epinephelus macrospilos* (Bleeker, 1855)/ SR/ PT; Randall & Heemstra, 1991.
- Epinephelus maculatus* (Bloch, 1790)/ SR/ PT, TS; Chen et al., 1995.
- Epinephelus malabaricus* (Bloch & Schneider, 1801)/ SR/ KS, TS; Chen et al., 1995.
- Epinephelus melanostigma* Schultz, 1953/ SR/ PT, NS; Lee, 1990.
- Epinephelus merra* Bloch, 1793/ SR/ PT, TS, NS; Chen et al., 1997.
- Epinephelus morrhua* (Valenciennes, 1833)/ DR/ KS, PT, NS; Chen et al., 1997; s: *Epinephelus cometae*
- Epinephelus quoyanus* (Valenciennes, 1830)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Epinephelus merra*.s: *E. Megachir*.
- Epinephelus radiatus* (Day, 1868)/ DR/ KS; Lee, 1990.
- Epinephelus retouti* Bleeker, 1868/ DR/ KS, PT.
- Epinephelus rivulatus* (Valenciennes, 1830)/ SR/ KS, PT; s: *Epinephelus rhyncholepis*.
- Epinephelus spilotoceps* Schultz, 1953/ SR/ NS; Chen et al., 1997.
- Epinephelus tauvina* (Forsskål, 1775)/ DR/ PT; m: *Epinephelus megachir*.
- Epinephelus undulosus* (Quoy & Gaimard, 1824)/ SR/ PT; Lee, 1990.
- Gracila albomarginata* (Fowler & Bean, 1930)/ SR/ PT; Lee, 1990.
- Grammistes sexlineatus* (Thunberg, 1792)/ SR/ PT, TS, NS; Chen et al., 1997.
- Liopropoma aragai* Randall & Taylor, 1988/ DCS/ PT; Lee, 1990; m: *Liopropoma lunulatum*.
- Liopropoma japonicum* (Doderlein, 1883)/ DCS/ KS, PT; Lee, 1990.
- Liopropoma latifasciatum* (Tanaka, 1922)/ DCS/ PT; Lee, 1990.
- **Liopropoma pallidum* (Fowler, 1938)/ SR/ PT; ASIZP 63372 (PT).
- Liopropoma susumi* (Jordan & Seale, 1906)/ SR/ PT; s: *Ypsigramma lineata*
- Odontanthias borbonius* (Valenciennes, 1828)/ DR/ PT; Lee, 1990; s: *Holanthias borbonius*.
- Odontanthias rhodopeplus* (Günther, 1872)/ DR/ KS, PT; Lee, 1990; s: *Holanthias rhodopeplus*.
- Plectranthias helenae* Randall, 1980/ DR/ KS, PT; Chen & Shao, 2002.
- Plectranthias japonicus* (Steindachner, 1883)/ DCS/ KS, PT; Chen & Shao, 2002.
- Plectranthias kamii* Randall, 1980/ DR/ KS, PT; Chen & Shao, 2002; m: *Plectranthias anthioides*.
- Plectranthias kelloggi* (Jordan & Evermann, 1903)/ DCS/ KS; Chen & Shao, 2002.
- Plectranthias longimanus* (Weber, 1913)/ SR/ PT; Chen & Shao, 2002.
- Plectranthias nanus* Randall, 1980/ SR/ PT, TS; Chen & Shao, 2002.
- +*Plectranthias randalli* Fourmanoir & Rivaton, 1980/ DR/ KS; Chen & Shao, 2002.
- Plectranthias sheni* Chen & Shao, 2002/ DR/ KS; Chen & Shao, 2002; m: *Plectranthias kamii*
- Plectranthias wheeleri* Randall, 1980/ DCS/ KS; Chen & Shao, 2002.
- Plectranthias whiteheadi* Randall, 1980/ DCS/ KS, PT; Chen & Shao, 2002; s: *Plectranthias chungchowensis*.
- Plectranthias yamakawai* Yoshino, 1972/ DR/ KS, PT; Chen & Shao, 2002.
- Plectropomus laevis* (Lacepède, 1801)/ SR/ PT; Chen & Shao, 2002; s: *Plectropomus melanoleucus*.
- Plectropomus leopardus* (Lacepède, 1802)/ SR/ PT; Chen & Shao, 2002; m: *Chorististium maculatum*, *Plectropomus maculatus*, *P. truncates*.
- Pseudanthias bicolor* (Randall, 1979)/ SR/ PT; Ho et al., 1993 (underwater photograph only).
- Pseudanthias elongatus* (Franz, 1910)/ SR/ PT.
- Pseudanthias fasciatus* (Kamohara, 1954)/ SR/ PT; Lee, 1990.
- Pseudanthias hypselosoma* Bleeker, 1878/ SR/ PT; s: *Pseudanthias truncates*.
- Pseudanthias pascalus* (Jordan & Tanaka, 1927)/ SR/ PT; Lee, 1990.
- Pseudanthias pleurotaenia* (Bleeker, 1857)/ SR/ PT, NS; Chen et al., 1997.
- Pseudanthias squamipinnis* (Peters, 1855)/ SR/ PT; Lee, 1990; s: *Anthias squamipinnis*
- ^*+*Pseudanthias caudalis* Kamohara & Katayama, 1959/ SR/ PT; NMMP 3288 (PT).
- **Pseudanthias tuka* (Herre & Montalban, 1927)/ SR/ PT; ASIZP 59665 (PT).
- Pseudogramma polyacanthum* (Bleeker, 1856)/ SR/ PT, TS, NS; Chen et al., 1997.
- Sacura margaritacea* (Hilgendorf, 1879)/ SR/ PT; Lee, 1990.
- Saloptia powelli* Smith, 1964/ DR/ PT; Shao et al., 1987.Lee, 1990.
- Selenanthias analis* Tanaka, 1918/ DCS/ KS, PT; Lee, 1990.
- Tosana niwae* Smith & Pope, 1906/ DS/ PT; Lee, 1990.
- Triso dermatopus* (Temminck & Schlegel, 1842)/ DR/ PT; Lee, 1990.
- Variola albimarginata* Baissac, 1953/ SR/ KS, PT, NS; Chen et al., 1997.

- Variola louti* (Forsskål, 1775)/ SR/ PT, NS; Chen et al., 1997.
- Cirrhitidae**
- Amblycirrhitus bimacula* (Jenkins, 1903)/ SR/ PT, NS; Chen et al., 1997.
- Cirrhitichthys aprinus* (Cuvier, 1829)/ SR/ KS, PT, NS; Chen et al., 1997.
- Cirrhitichthys aureus* (Temminck & Schlegel, 1842)/ SR/ KS, PT.
- Cirrhitichthys falco* Randall, 1963/ SR/ PT, NS; Chen et al. 1997.
- Cirrhitichthys oxycephalus* (Bleeker, 1855)/ SR/ PT, TS, NS; Chen et al. 1997.
- Cirrhitus pinnulatus* (Forster, 1801)/ SR/ PT, TS, NS; Chen et al. 1997.
- Cyprinocirrhites polyactis* (Bleeker, 1874)/ SR/ PT.
- Oxycirrhites typus* Bleeker, 1857/ SR/ PT.
- Paracirrhites arcatus* (Cuvier, 1829)/ SR/ PT, TS, NS; Chen et al. 1997.
- Paracirrhites forsteri* (Schneider, 1801)/ SR/ PT, TS, NS; Chen et al. 1997.
- Ostracoberycidae**
- **Ostracoberyx dorygenys* Fowler, 1934/ DS/ PT, TS, SCS; ASIZP 54590 (PT).
- Callanthiidae**
- +*Callanthias japonicus* Franz, 1910/ DR/ KS.
- Pseudochromidae**
- +*Labracinus melanotaenia* (Bleeker, 1852)/ SR/ PT.
- Pseudochromis cyanotaenia* Bleeker, 1857/ SR/ PT; s: *Pseudochromis xanthochir*.
- Pseudochromis fuscus* Müller & Troschel, 1849/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudochromis aureus*.
- Pseudochromis luteus* Aoyagi, 1943/ SR/ PT (as *Cypho* sp. in Shen et al., 1993).
- Pseudochromis marshallensis* Schultz, 1953/ SR/ PT, NS; Chen et al., 1997.
- Pseudochromis tapeinosoma* Bleeker, 1853/ SR/ PT; s: *Pseudochromis melanotaenia*.
- +*Pseudoplesiops immaculatus* Gill & Edwards, 2002/ SR/ NS; Gill & Edwards, 2002.
- Plesiopidae**
- Acanthoplesiops hiatti* Schultz, 1953/ SR/ PT; Shao et al., 1992.
- Acanthoplesiops psilogaster* Hardy, 1985/ SR/ PT; Hardy, 1985.
- Assessor randalli* Allen & Kuitert, 1976/ SR/ PT.
- Belonepterygion fasciolatum* (Ogilby, 1889)/ SR/ PT; s: *Ernogrammoides fasciatus*.
- Callopleiops altivelis* (Steindachner, 1903)/ SR/ PT.
- Plesiops coeruleolineatus* Rüppell, 1835/ SR/ PT, TS, NS; Chen et al., 1997.
- Plesiops corallicola* Bleeker, 1853/ SR/ PT.
- +*Plesiops nakaharuae* Tanaka, 1917/ SR/ PT.
- Plesiops oxycephalus* Bleeker, 1855/ SR/ TS; Chen et al., 1995.
- Plesiops verecundus* Mooi, 1995/ SR/ PT; Mooi, 1995.
- Opistognathidae**
- Opistognathus castelnaui* Bleeker, 1860/ SR/ PT.
- Opistognathus hongkongiensis* Chan, 1968/ SR/ PT.
- Banjosidae**
- Banjos banjos* (Richardson, 1846)/ DCS/ KS, PT; Jordan & Evermann, 1902; s: *Anoplos banjos*.
- Priacanthidae**
- Cookeolus japonicus* (Cuvier, 1829)/ DS/ Shao et al, 1994; m: *Cookeolus boops*.
- Heteropriacanthus cruentatus* (Lacepède, 1801)/ DR/ PT; s: *Priacanthus cruentatus*, *Cookeolus boops*. m: *Priacanthus blochii*.
- Priacanthus hamrur* (Forsskål, 1775)/ SR/ PT, TS; Chen et al., 1995.
- Priacanthus macracanthus* Cuvier, 1829/ DCS/ KS, PT, TS.
- Priacanthus tayenus* Richardson, 1846/ DR/ KS, PT.
- Pristigenys meyeri* (Günther, 1872)/ DR/ PT.
- Pristigenys nipponia* (Cuvier, 1829)/ DR/ PT.
- Apogonidae**
- **Apogon amboinensis* Bleeker, 1853/ CS/ PT; ASIZP 60763 (PT).
- Apogon angustatus* (Smith & Radcliffe, 1911)/ SR/ PT, NS; Chen et al., 1997.
- Apogon apogonides* (Bleeker, 1856)/ SR/ PT; Shao & Chen, 1986.
- Apogon aureus* (Lacepède, 1802)/ SR/ PT; Shao & Chen, 1986; m: *Ostorhinchus fleurieu*.
- Apogon carinatus* Cuvier, 1828/ CS/ KS, PT; Shao & Chen, 1986.
- Apogon cheni* Hayashi, 1990/ DR/ PT; m: *Apogon taeniatus*.
- Apogon chrysotaenia* Bleeker, 1851/ SR/ PT; Shao & Chen, 1986; m: *Apogon multilineatus*.
- Apogon cookii* Macleay, 1881/ SR/ PT, TS, NS; Chen et al., 1997.
- Apogon crassiceps* Garman, 1903/ SR/ PT; Shao & Chen, 1986.
- Apogon cyanosoma* Bleeker, 1853/ SR/ PT, TS, NS; Chen et al., 1997.
- Apogon doederleini* Jordan & Snyder, 1901/ SR/ KS, PT, SCS; Shao & Chen, 1986.
- Apogon doryssa* (Jordan & Seale, 1906)/ SR/ PT; Shao & Chen, 1986.
- Apogon erythrinus* Snyder, 1904/ SR/ PT, NS; Chen et al., 1997.
- Apogon exostigma* (Jordan & Starks, 1906)/ SR/ PT, TS, NS; Chen et al., 1997.
- Apogon fasciatus* (White, 1790)/ DR/ KS, PT; Shao & Chen, 1986; m: *Apogon quadrifasciatus*.
- Apogon fleurieu* (Lacepède, 1802)/ SR/ PT.
- Apogon fraenatus* Valenciennes, 1832/ SR/ PT, NS; Chen et al., 1997.
- +*Apogon hyalosoma* Bleeker, 1852/ CS/ PT.
- Apogon kallopterus* Bleeker, 1856/ SR/ PT, NS; Chen et al., 1997; s: *Apogon snyderi*
- Apogon kiensis* Jordan & Snyder, 1901/ SR/ PT; Shao & Chen, 1986.
- Apogon lateralis* Valenciennes, 1832/ CS/ PT; Shao & Chen, 1986.
- Apogon lineatus* Temminck & Schlegel, 1842/ DCS/ PT; Shao & Chen, 1986.
- Apogon melas* Bleeker, 1848/ SR/ PT; Shao & Chen, 1986.
- Apogon moluccensis* Valenciennes, 1832/ SR/ PT (as *Apogon* sp. 3 in Shao & Chen, 1986).
- Apogon niger* Doderlein, 1883/ SR/ KS, PT; Shao & Chen, 1986; m: *Apogon nigripinnis*.
- Apogon nigrofasciatus* Lachner, 1953/ SR/ PT, NS; Chen et al., 1997; m: *Apogon aroubiensis*.
- Apogon notatus* (Houttuyn, 1782)/ SR/ PT, TS; Chen et al., 1995.
- Apogon novaeguineae* Valenciennes, 1832/ SR/ PT, TS; Chen et al., 1995.
- Apogon novemfasciatus* Cuvier, 1828/ SR/ KS, PT; Shao & Chen, 1986.
- Apogon properuptus* (Whitley, 1964)/ SR/ PT.
- Apogon semilineatus* Temminck & Schlegel, 1842/ SR/ KS, PT; Shao & Chen, 1986.

- Apogon semiornatus* Peters, 1876/ SR/ PT; Shao & Chen, 1986.
- **Apogon smithi* (Kotthaus, 1970)/ DCS/ KS; USNM 76640 (KS).
- **Apogon striatodes* Gon, 1997/ SR/ PT; SAIAB 51355 (PT).
Apogon striatus (Smith & Radcliffe, 1912)/ DR/ PT.
- Apogon taeniophorus* Regan, 1908/ SR/ PT; Shao & Chen, 1986.
- **Apogon talboti* Smith, 1961/ SR/ PT; USNM, 274905 (Kenting)
- +*Apogon thermalis* Cuvier, 1829/ SR/ PT; Shao & Chen, 1986.
- Apogon timorensis* Bleeker, 1854/ SR/ PT.
- Apogon trimaculatus* Cuvier & Valenciennes, 1828/ SR/ TS, NS; Chen et al., 1997.
- **Apogon truncatus* Bleeker, 1854/ DR/ PT; Shao & Chen, 1986; s: *Apogon ellioti*.
- Apogon unicolor* Steindachner & Doderlein, 1883/ SR/ KS, PT; Shao & Chen, 1986.
- Apogonichthys ocellatus* (Weber, 1913)/ SR/ PT; Shao & Chen, 1986; s: *Apogon ocellatus*.
- **Apogonichthys perdix* Bleeker, 1854/ SR/ PT; SAIAB 35089 (PT).
- Archamia biguttata* Lachner, 1951/ SR/ PT; Shao & Chen, 1986.
- +*Archamia bleekeri* (Günther, 1859)/ SR/ PT; Gon & Randall, 2003; s: *Archamia goni*.
- Archamia buruensis* (Bleeker, 1856)/ SR/ PT; Shao & Chen, 1986.
- Archamia fucata* (Cantor, 1849)/ SR/ KS, PT; Shao & Chen, 1986; s: *Archamia dispilus*, *Apogon fucata*.
- Archamia macroptera* (Cuvier, 1828)/ SR/ PT, SCS; Shao & Chen, 1986; m: *Archamia lineolata*.
- Cheilodipterus macrodon* (Lacepède, 1802)/ SR/ PT, TS, NS; Che et al., 1997.
- Cheilodipterus quinquelineatus* Cuvier, 1828/ SR/ PT; Chen et al., 1997
- Fowleria punctulata* (Rüppell, 1838)/ SR/ PT; Shao & Chen, 1986; m: *Fowleria isostigma*.
- **Fowleria aurita* (Valenciennes, 1831)/ SR/ PT; NMMSTP 00441 (PT).
- Fowleria marmorata* (Alleyne & Macleay, 1877)/ SR/ PT; Shao & Chen, 1986.
- Fowleria punctulata* (Rüppell, 1838)/ SR/ PT; Shao & Chen, 1986; m: *Fowleria isostigma*.
- Fowleria vaiulae* (Jordan & Seale, 1906)/ SR/ PT.
- Fowleria variegata* (Valenciennes, 1832)/ SR/ PT, TS; Chen et al., 1995; m: *Fowleria aurita*.
- Gymnapogon japonicus* Regan, 1905/ SR/ PT; Ho et al., 1993.
- Gymnapogon philippinus* (Herre, 1939)/ SR/ PT; Shao & Chen, 1986.
- Gymnapogon urospilotos* Lachner, 1953/ SR/ PT; Shao & Chen, 1986.
- +*Nectamia bandanensis* (Bleeker, 1854)/ SR/ TS, NS; Chen et al., 1997; s: *Apogon bandanensis*.
- +*Nectamia fusca* Fraser, 2008/ SR/ PT, TS; Fraser, 2008.
- +*Nectamia luxuria* Fraser, 2008/ SR/ TS; Fraser, 2008.
- Nectamia savayensis* (Günther, 1872)/ SR/ PT, TS; Shao & Chen, 1986; s: *Apogon savayensis*.
- Pseudamia gelatinosa* Smith, 1956/ SR/ PT, TS; Chen et al., 1995.
- **Pseudamia hayashii* Randall, Lachner & Fraser, 1985/ SR/ PT; NMMBP 3122 (Hsio-liu-chiu).
- Pseudamiops gracilicauda* (Lachner, 1953)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudamia gracilicauda*.
- Rhabdamia cypselura* Weber, 1909/ SR/ PT; Shao & Chen, 1986.
- Rhabdamia gracilis* (Bleeker, 1856)/ SR/ PT; Shao & Chen, 1986.
- Siphamia fuscolineata* Lachner, 1953/ SR/ KS; Shao & Chen, 1986.
- Siphamia majimai* Matsubara & Iwai, 1958/ SR/ PT, TS; Shao & Chen, 1986.
- Siphamia versicolor* (Smith & Radcliffe, 1911)/ SR/ KS, TS; Shao & Chen, 1986.
- Sphaeramia nematoptera* (Bleeker, 1856)/ SR/ PT, TS; Chen et al., 1995; s: *Apogon nematopterus*.
- Sphaeramia orbicularis* (Cuvier, 1828)/ SR/ PT; Shao & Chen, 1986.
- Sillaginidae**
- Sillago asiatica* McKay, 1982/ CS/ KS, PT; Shao et al., 1986.
- Sillago japonica* Temminck & Schlegel, 1843/ CS/ KS, PT; Shao et al., 1986.
- Sillago sihama* (Forsskål, 1775)/ CS/ KS, PT; Shao et al., 1986.
- Malacanthidae**
- Branchiostegus albus* Dooley, 1978/ CS/ PT, SCS.
- Branchiostegus auratus* (Kishinouye, 1907)/ DCS/ KS, PT.
- Branchiostegus japonicus* (Houttuyn, 1782)/ DCS/ KS, PT; s: *Latilus japonicus*
- +*Hoplostilatus starcki* Randall & Dooley, 1974/ SR/ NS; Chen et al., 1997.
- Malacanthus brevirostris* Guichenot, 1848/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Malacanthus latovittatus* (Lacepède, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.
- Lactariidae**
- Lactarius lactarius* (Bloch & Schneider, 1801)/ CS/ PT.
- Coryphaenidae**
- Coryphaena hippurus* Linnaeus, 1758/ P/ PT.
- Rachycentridae**
- Rachycentron canadum* (Linnaeus, 1766)/ P/ KS, PT.
- Echeneidae**
- Echeneis naucrates* Linnaeus, 1758/ P/ KS, PT, TS; Chen et al., 1995.
- Remora brachyptera* (Lowe, 1839)/ P/ PT.
- Remora osteochir* (Cuvier, 1829)/ P/ PT.
- Remora remora* (Linnaeus, 1758)/ P/ PT.
- Remorina albescens* (Temminck & Schlegel, 1850)/ P/ PT.
- Carangidae**
- Alectis ciliaris* (Bloch, 1787)/ P/ KS, PT.
- Alectis indicus* (Rüppell, 1830)/ P/ PT.
- Alepes djedaba* (Forsskål, 1775)/ CS/ KS, PT; Lin & Shao, 1999; m: *Alepes melanopterus*.
- Alepes kleinii* (Bloch, 1793)/ CS/ PT; s: *Alepes para*.
- Atropus atropus* (Bloch & Schneider, 1801)/ P/ KS, PT; Lin & Shao, 1999.
- Carangoides armatus* (Rüppell, 1830)/ SR/ KS, PT; Lin & Shao, 1999; s: *Carangus armatus*, *Caranx schlegelii*, *C. pescadorensis*
- Carangoides chrysophrys* (Cuvier, 1833)/ SR/ KS, PT; Lin & Shao, 1999.
- Carangoides coeruleopinnatus* (Rüppell, 1830)/ SR/ KS, PT; Lin & Shao, 1999; m: *Caranx malabaricus*.
- Carangoides dinema* Bleeker, 1851/ SR/ KS, PT; Lin & Shao, 1999.
- Carangoides equula* (Temminck & Schlegel, 1844)/ SR/ KS, PT; Lin & Shao, 1999; s: *Kaiwarinus equula*, *Caranx equula*.
- Carangoides ferdau* (Forsskål, 1775)/ SR/ KS, PT; Lin & Shao, 1999; s: *Caranx ferdau*.

- Carangoides fulvoguttatus* (Forsskål, 1775)/ SR/ PT; Lin & Shao, 1999.
- Carangoides gymnostethus* (Cuvier, 1833)/ SR/ PT; Lin & Shao, 1999.
- Carangoides hedlandensis* (Whitley, 1934)/ SR/ KS, PT, TS, NS; Lin & Shao, 1999.
- Carangoides malabaricus* (Bloch & Schneider, 1801)/ SR/ KS, PT; Lin & Shao, 1999; s: *Carangus malabaricus*.
- Carangoides oblongus* (Cuvier, 1833)/ SR/ PT; Lin & Shao, 1999.
- Carangoides orthogrammus* (Jordan & Gilbert, 1882)/ SR/ PT, TS; Lin & Shao, 1999; s: *Caranx orthogrammus*.
- Carangoides talamparoides* Bleeker, 1852/ SR/ PT; Lin & Shao, 1999.
- Caranx bucculentus* Alleyne & Macleay, 1877/ SR/ PT; Lin & Shao, 1999.
- Caranx ignobilis* (Forsskål, 1775)/ SR/ KS, PT, TS, NS; Lin & Shao, 1999.
- Caranx lugubris* Poey, 1860/ SR/ PT; Lin & Shao, 1999.
- Caranx melampygus* Cuvier, 1833/ SR/ PT, TS, NS; Lin & Shao, 1999; s: *Carangichthys melampygus*.
- Caranx papuensis* Alleyne & MacLeay, 1877/ SR/ PT; Lin & Shao, 1999; m: *Caranx carangus*.
- Caranx sexfasciatus* Quoy & Gaimard, 1825/ SR/ KS, PT, TS, NS; Lin & Shao, 1999; s: *Carangus xanthopygus*, *C. sexfasciatus*.
- Decapterus kurroides* Bleeker, 1855/ DR/ PT; Lin & Shao, 1999.
- Decapterus macarellus* (Cuvier, 1833)/ P/ PT; Lin & Shao, 1999.
- Decapterus macrosoma* Bleeker, 1851/ SR/ PT; Lin & Shao, 1999.
- Decapterus maruadsi* (Temminck & Schlegel, 1843)/ SR/ KS, PT; Lin & Shao, 1999.
- Decapterus russelli* (Rüppell, 1830)/ P/ PT; Lin & Shao, 1999.
- Decapterus tabl* Berry, 1968/ DR/ PT; Lin & Shao, 1999; m: *Decapterus kurra*.
- Elagatis bipinnulata* (Quoy & Gaimard, 1825)/ SR/ KS, PT, NS; Lin & Shao, 1999.
- Gnathanodon speciosus* (Forsskål, 1775)/ SR/ PT; Lin & Shao, 1999; s: *Carax speciosus*.
- Megalaspis cordyla* (Linnaeus, 1758)/ SR/ KS, PT; Lin & Shao, 1999.
- Parastromateus niger* (Bloch, 1795)/ SR/ KS, PT; Lin & Shao, 1999; s: *Apolectus niger*, *Parastromateus niger*.
- Pseudocaranx dentex* (Bloch & Schneider, 1801)/ SR/ PT; Lin & Shao, 1999.
- Scomberoides commersonianus* Lacepède, 1801/ SR/ KS, PT; Lin & Shao, 1999.
- Scomberoides lysan* (Forsskål, 1775)/ SR/ PT; Lin & Shao, 1999; s: *Chorinemus tolooparah*, *Scomberoides orientalis*.
- Scomberoides tol* (Cuvier, 1832)/ SR/ KS, PT; Lin & Shao, 1999.
- Selaroides leptolepis* (Cuvier, 1833)/ SR/ KS, PT; Lin & Shao, 1999; s: *Selar crumenophthalmus*, *Carangus leptolepis*.
- Seriola dumerili* (Risso, 1810)/ SR/ KS, PT; Lin & Shao, 1999.
- Seriola rivoliana* Valenciennes, 1833/ SR/ KS, PT; Lin & Shao, 1999.
- Seriolina nigrofasciata* (Rüppell, 1829)/ SR/ KS, PT; Lin & Shao, 1999.
- Trachinotus baillonii* (Lacepède, 1801)/ SR/ TS, NS; Lin & Shao, 1999.
- Trachinotus blochii* (Lacepède, 1801)/ SR/ KS, PT; Lin & Shao, 1999.
- Trachurus japonicus* (Temminck & Schlegel, 1844)/ P/ KS, PT; Lin & Shao, 1999; s: *Trachurus argenteus*.m: *Trachinotus declivis*.
- Ulua mentalis* (Cuvier, 1833)/ SR/ KS, PT; Lin & Shao, 1999.
- Uraspis helvola* (Forster, 1801)/ DR/ KS, PT; Lin & Shao, 1999.
- Uraspis uraspis* (Günther, 1860)/ DR/ KS, PT; Lin & Shao, 1999.
- Menidae**
- Mene maculata* (Bloch & Schneider, 1801)/ DR/ KS, PT.
- Leiognathidae**
- Gazza achlamys* Jordan & Starks, 1917/ SR/ PT.
- Gazza minuta* (Bloch, 1795)/ CS/ KS, PT; s: *Gazza equulaeformis*.
- Leiognathus berbis* (Valenciennes, 1835)/ CS/ KS, PT; m: *Leiognathus oblongus*.
- Leiognathus equulus* (Forsskål, 1775)/ CS/ KS, PT; s: *Leiognathus edentulum*.
- Leiognathus fasciatus* (Lacepède, 1803)/ CS/ PT; Chen, 1994.
- Nuclequula mannusella* Chakrabarty & Sparks, 2007/ CS/ PT; Chakrabarty & Sparks, 2007; m: *Leiognathus blochii*, *L. brevirostris*.
- +*Nuclequula nuchalis* (Temminck & Schlegel, 1845)/ CS/ KS, PT; s: *Leiognathus nuchalis*.
- Photopectoralis bindus* (Valenciennes, 1835)/ CS/ KS, PT; s: *Leiognathus bindus*.
- Photoplagios elongatus* (Günther, 1874)/ CS/ KS, PT; s: *Leiognathus elongates*.
- Photoplagios leuciscus* (Günther, 1860)/ CS/ KS, PT; s: *Leiognathus leuciscus*.
- +*Photoplagios lineolatus* (Valenciennes, 1835)/ CS/ KS, PT; s: *Leiognathus lineolatus*.
- Secutor indicus* Monkolprasit, 1973/ CS/ KS, PT; Shao et al., 1994; m: *Secutor insidiator*, *S. ruconius*.
- Secutor insidiator* (Bloch, 1787)/ CS/ KS, PT.
- **Secutor interruptus* (Valenciennes, 1835)/ CS/ PT; NMNSF 0818 (PT).
- Secutor ruconius* (Hamilton, 1822)/ CS/ KS, PT.
- Bramidae**
- Brama japonica* Hilgendorf, 1878/ P/ PT.
- ^**Brama myersi* Mead, 1972/ P/ TS; ASIZP 57167 (TS).
- Pterycombis petersii* (Hilgendorf, 1878)/ P/ PT.
- Taractes rubescens* (Jordan & Evermann, 1887)/ P/ PT.
- Taractichthys steindachneri* (Doderlein, 1883)/ P/ KS, PT.
- Emmelichthyidae**
- Emmelichthys struhsakeri* Heemstra & Randall, 1977/ P/ PT.
- Erythrocles scintillans* (Jordan & Thompson, 1912)/ P/ PT.
- Lutjanidae**
- Aphareus furca* (Lacepède, 1801)/ SR/ PT, NS; Chen et al., 1997.
- Aphareus rutilans* Cuvier, 1830/ DR/ PT, TS, NS; Chen et al., 1997.
- Aprion virescens* Valenciennes, 1830/ SR/ KS, PT, TS; Chen et al., 1995.
- Etelis carbunculus* Cuvier, 1828/ DR/ KS, PT; Lee, 1987.
- Etelis coruscans* Valenciennes, 1862/ DR/ PT; Lee, 1987.
- Etelis radiosus* Anderson, 1981/ DR/ PT; Lee, 1987.
- Lipocheilus carnolabrum* (Chan, 1970)/ DR/ PT; Chen, 2004.
- Lutjanus argentimaculatus* (Forsskål, 1775)/ SR/ KS, PT; Lee, 1987.
- Lutjanus bengalensis* (Bloch, 1790)/ SR/ PT; Lee, 1987.
- Lutjanus bohar* (Forsskål, 1775)/ SR/ KS, PT, NS; Chen et al., 1997.

- Lutjanus bouton* (Lacepède, 1802)/ SR/ PT; Lee, 1987.
Lutjanus carponotatus (Richardson, 1842)/ SR/ PT; Lee, 1987.
Lutjanus decussatus (Cuvier, 1828)/ SR/ KS, PT, NS; Chen et al., 1997.
Lutjanus dodecacanthoides (Bleeker, 1854)/ SR/ PT; Lee, 1987; m: *Lutjanus rufolineatus*.
Lutjanus erythropterus Bloch, 1790/ SR/ KS, PT; Lee, 1987; s: *Lutjanus annularis*.
Lutjanus fulviflamma (Forsskål, 1775)/ SR/ KS, PT, TS; Chen et al., 1997.
Lutjanus fulvus (Forster, 1801)/ SR/ KS, PT, TS; Chen et al., 1995.
Lutjanus gibbus (Forsskål, 1775)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Lutjanus johnii (Bloch, 1792)/ SR/ PT, TS; Chen et al., 1995.
Lutjanus kasmira (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997.
Lutjanus lutjanus Bloch, 1790/ SR/ KS, PT; Lee, 1987; s: *Lutjanus lineolatus*.
Lutjanus madras (Valenciennes, 1831)/ SR/ PT; Chen, 2003; m: *Lutjanus bouton*.
Lutjanus malabaricus (Bloch & Schneider, 1801)/ SR/ KS, PT; Lee, 1987.
Lutjanus monostigma (Cuvier, 1828)/ SR/ TS, NS; Chen et al., 1997.
+*Lutjanus ophuysenii* (Bleeker, 1860)/ SR/ KS; Chen, 1992; m: *Lutjanus vitta*.
Lutjanus quinquelineatus (Bloch, 1790)/ SR/ PT; Lee, 1987.
Lutjanus rivulatus (Cuvier, 1828)/ SR/ PT, TS; Chen et al., 1995.
Lutjanus russellii (Bleeker, 1849)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Lutjanus rufolineatus*, *L. monostigma*.
Lutjanus sebae (Cuvier, 1816)/ SR/ KS, PT; Lee, 1987.
Lutjanus stellatus Akazaki, 1983/ SR/ PT; Lee, 1987; m: *Lutjanus lutjanus*.
Lutjanus vitta (Quoy & Gaimard, 1824)/ SR/ KS, PT, TS; Chen et al., 1995.
Macolor macularis Fowler, 1931/ SR/ PT, NS; Chen et al., 1997.
Macolor niger (Forsskål, 1775)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Paracaesio caerulea (Katayama, 1934)/ DR/ KS, PT; Lee, 1987.
Paracaesio kusakarii Abe, 1960/ DR/ KS, PT; Lee, 1987.
Paracaesio sordida Abe & Shinohara, 1962/ DR/ PT; Chen, 2004.
Paracaesio stonei Raj & Seeto, 1983/ DR/ PT; Chen, 2004.
Paracaesio xanthura (Bleeker, 1869)/ SR/ PT; Lee, 1987.
Pinjalo pinjalo (Bleeker, 1850)/ SR/ KS; Lee, 1987.
Pristipomoides argyrogrammicus (Valenciennes, 1832)/ DR/ KS, PT; Lee, 1987; s: *Tropidinius amoenus*.
Pristipomoides auricilla (Jordan, Evermann & Tanaka, 1927)/ DR/ PT; Lee, 1987.
Pristipomoides filamentosus (Valenciennes, 1830)/ DR/ KS, PT; Lee, 1987.
Pristipomoides flavipinnis Shinohara, 1963/ DR/ KS; Lee, 1987.
Pristipomoides multidens (Day, 1871)/ DR/ KS; Lee, 1987; s: *Playinius sparus*.
Pristipomoides sieboldii (Bleeker, 1854)/ DR/ KS, PT; Lee, 1987.
Pristipomoides zonatus (Valenciennes, 1830)/ DR/ PT; Lee, 1987; s: *Tropidinius zonatus*.
Symphorus nematophorus (Bleeker, 1860)/ SR/ KS, PT; Lee, 1987; s: *Lutjanus nematophorus*.
- Caesionidae**
Caesio caerulea Lacepède, 1801/ SR/ KS, PT, NS; Chen et al., 1997.
Caesio cuning (Bloch, 1791)/ SR/ KS; Lee, 1988; s: *Caesio erythrogaster*
Caesio lunaris Cuvier, 1830/ SR/ PT, NS; Lee, 1988, Chen et al., 1997.
Caesio teres Seale, 1906/ SR/ PT, TS, NS; Chen et al., 1997; m: *Caesio xanthonota*.
Pterocaesio chrysozona (Cuvier, 1830)/ SR/ PT; s: *Caesio chrysozona*.
Pterocaesio digramma (Bleeker, 1864)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Caesio chrysozona*. s: *C. digramma*.
**Pterocaesio marri* Schultz, 1953/ SR/ PT; NMMSTP 0235 (PT).
Pterocaesio pisang (Bleeker, 1853)/ SR/ NS; Chen et al., 1997.
Pterocaesio randalli Carpenter, 1987/ SR/ NS; Chen et al., 1997.
Pterocaesio tile (Cuvier, 1830)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Caesio tile*.
- Lobotidae**
Lobotes surinamensis (Bloch, 1790)/ CS/ PT.
- Gerreidae**
Gerres filamentosus Cuvier, 1829/ CS/ KS, PT; s: *Xystaema filamentosum*.
+*Gerres limbatus* Cuvier, 1830/ CS/ KS, PT.
Gerres macracanthus Bleeker, 1854/ CS/ PT.
Gerres oblongus Cuvier, 1830/ CS/ KS, PT; s: *Equla oblongus*, *Gerres macrosoma*.
Gerres oyena (Forsskål, 1775)/ CS/ KS, PT; m: *Gerres oblongus*. s: *Gerres argyreus*.
Pentaprion longimanus (Cantor, 1849)/ CS/ KS.
- Haemulidae**
Diagramma pictum (Thunberg, 1792)/ SR/ KS, PT; s: *Plectorhynchus pictus*, *Plectorhynchus radjaban*, *P. poecilopterus*.
Hapalogenys analis Richardson, 1845/ DCS/ KS; s: *Hapalogenys mucronatus*.
Hapalogenys kishinouyei Smith & Pope, 1906/ CS/ PT.
Parapristipoma trilineatum (Thunberg, 1793)/ SR/ KS, PT; s: *Parapristipoma trilineatus*, *P. ocyurus*.
Plectorhinchus albiovittatus (Rüppell, 1838)/ SR/ PT; Lee, 1985.
Plectorhinchus chaetodonoides Lacepède, 1801/ SR/ PT, TS, NS; Chen et al., 1997.
Plectorhinchus chrysotaenia (Bleeker, 1855)/ SR/ PT; Lee, 1985; s: *Plectorhinchus celebicus*.
Plectorhinchus cinctus (Temminck & Schlegel, 1843)/ SR/ KS, TS; Chen et al., 1995.
Plectorhinchus gibbosus (Lacepède, 1802)/ SR/ PT, TS; Chen et al., 1995; s: *Plectorhinchus nigrus*.
Plectorhinchus lessonii (Cuvier, 1830)/ SR/ PT, TS; Chen et al., 1995; s: *Plectorhinchus diagrammus*.
Plectorhinchus lineatus (Linnaeus, 1758)/ SR/ KS, PT, TS; Chen et al., 1995; m: *Plectorhinchus goldmanni*.
+*Plectorhinchus pictus* (Tortonese, 1936)/ SR/ KS, PT, TS; Chen et al., 1995.
Plectorhinchus picus (Cuvier, 1830)/ SR/ KS, PT; Shao & Chen, 1991.
Plectorhinchus schotaf (Forsskål, 1775)/ SR/ PT; Shao et al., 1994.
Plectorhinchus vittatus (Linnaeus, 1758)/ SR/ PT, NS; Chen et al., 1997; s: *Plectorhinchus orientalis*. m: *P. lineatus*.
Pomadasyys argenteus (Forsskål, 1775)/ CS/ KS, PT; Lee, 1985.

- Pomadasys kaakan* (Cuvier, 1830)/ CS/ KS, PT; Lee, 1985.
Pomadasys maculatus (Bloch, 1793)/ CS/ KS, PT; Iwatsuki et al., 1998.
Pomadasys quadrilineatus Shen & Lin, 1984/ CS/ KS, PT; m: *Rhonciscus striatus*, *Pomadasys striatus*

Nemipteridae

- Nemipterus aurorus* Russell, 1993/ CS/ PT; Lee, 1986; m: *Nemipterus delagoae*.
Nemipterus bathybius Snyder, 1911/ CS/ KS, PT; Lee, 1986.; m: *Nemipterus marginatus*.
Nemipterus furcosus (Valenciennes, 1830)/ CS/ PT; s: *Nemipterus ovenii*.
Nemipterus hexodon (Quoy & Gaimard, 1824)/ CS/ KS; Lee, 1986.
Nemipterus japonicus (Bloch, 1791)/ CS/ KS, PT; Lee, 1986.
Nemipterus peronii (Valenciennes, 1830)/ CS/ KS, PT; Lee, 1986.; s: *Dentex peronii*, *Nemipterus tolu*.
Nemipterus virgatus (Houttuyn, 1782)/ CS/ KS, PT; s: *Synagris matsubarae*, *Nemipterus matsubarae*, *Dentex matsubarae*, *Cheimarius matsubarae*.
Nemipterus zysron (Bleeker, 1857)/ CS/ KS, PT; Lee, 1986; m: *Nemipterus marginatus*:s: *N. Metopias*.
Parascolopsis eriomma (Jordan & Richardson, 1909)/ CS/ KS, PT; s: *Scolopsis eriomma*.
Parascolopsis inermis (Temminck & Schlegel, 1843)/ DCS/ KS, PT; Lee, 1986; s: *Scolopsis inermis*.
Parascolopsis tosensis (Kamohara, 1938)/ DCS/ KS; Shao & Chen, 1988.
+*Pentapodus aureofasciatus* Russell, 2001/ SR/ PT; Russell, 2001.
Pentapodus caninus (Cuvier, 1830)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Pentapodus macrurus*.
**Pentapodus emeryii* (Richardson, 1843)/ SR/ PT; NMMBP 3361 (PT).
Pentapodus nagasakiensis (Tanaka, 1915)/ SR/ KS, PT.
Scolopsis affinis Peters, 1877/ SR/ PT; m: *Scolopsis personatus*.
Scolopsis bilineata (Bloch, 1793)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Scolopsis ciliata (Lacepède, 1802)/ SR/ PT; Shen, 1997.
Scolopsis lineata Quoy & Gaimard, 1824/ SR/ PT, TS, NS; Chen et al., 1997; s: *Scolopsis cancellatus*.
Scolopsis margaritifera (Cuvier, 1830)/ SR/ NS; Chen et al., 1997.
Scolopsis monogramma (Cuvier, 1830)/ SR/ KS, PT, TS; Chen et al., 1995; m: *Scolopsis taeniopterus*, *S. temporalis*, *S. dubiosus*, *S. monogramma*, *Lethrinus harak*.
Scolopsis taenioptera (Cuvier, 1830)/ SR/ KS; Shen, 1997.
Scolopsis trilineata Kner, 1868/ SR/ PT, TS; Chen et al., 1995.
Scolopsis vosmeri (Bloch, 1792)/ SR/ KS, PT, NS; Chen et al., 1997.
Scolopsis xenochrous Günther, 1872/ SR/ KS, PT, NS; Chen et al., 1995.

Lethrinidae

- Gnathodentex aureolineatus* (Lacepède, 1802)/ SR/ PT, TS, NS; Chen et al., 1997.
Gymnocranius euanus (Günther, 1879)/ SR/ PT, NS; Chen et al., 1997; s: *Gymnocranius japonicus*.
Gymnocranius griseus (Temminck & Schlegel, 1843)/ SR/ PT.
Lethrinus atkinsoni Seale, 1910/ SR/ KS, PT, NS; Chen et al., 1997; m: *Lethrinus mahsena*.
Lethrinus erythracanthus Valenciennes, 1830/ SR/ TS, NS; Chen et al., 1997.

- Lethrinus haematopterus* Temminck & Schlegel, 1844/ SR/ KS, PT; m: *L. kallopterus*, *Gymnocranius griseus*.
Lethrinus harak (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997.
Lethrinus lentjan (Lacepède, 1802)/ SR/ KS, PT, NS; Chen et al., 1997; s: *Lethrinus opercularis*, *L. mahsenoides*.
Lethrinus nebulosus (Forsskål, 1775)/ SR/ KS, PT; s: *Lethrinus fraenatus*, *L. choerorhynchus*. m: *L. fletus*, *L. amboinensis*.
Lethrinus olivaceus Valenciennes, 1830/ SR/ PT; m: *Lethrinus miniatus*.
Lethrinus ornatus Valenciennes, 1830/ SR/ PT, TS; Chen et al., 1995; m: *Lethrinus erythrurus*.
Lethrinus reticulatus Valenciennes, 1830/ SR/ PT, TS, NS; Chen et al., 1997; m: *Lethrinus reticularis*.
Lethrinus rubrioperculatus Sato, 1978/ SR/ KS, PT.
Lethrinus semicinctus Valenciennes, 1830/ SR/ KS, PT, TS.
Lethrinus variegatus Valenciennes, 1830/ SR/ TS; Chen et al., 1995.
Lethrinus xanthochilus Klunzinger, 1870/ SR/ PT.
Monotaxis gr&oculus (Forsskål, 1775)/ SR/ PT; Lee, 1982.
Wattsia mossambica (Smith, 1957)/ DR/ PT, TS, NS; Chen et al., 1997; s: *Gnathodentex mossambicus*.

Sparidae

- Acanthopagrus berda* (Forsskål, 1775)/ CS/ KS, PT; s: *Sparus berda*.
Acanthopagrus latus (Houttuyn, 1782)/ CS/ KS, PT; s: *Sparus latus*.
Acanthopagrus schlegelii (Bleeker, 1854)/ CS/ KS, PT, SCS; m: *Sparus macrocephalus*.
+*Acanthopagrus taiwanensis* Iwatsuki & Carpenter, 2006/ CS/ PT; Iwatsuki & Carpenter, 2006.
+*Argyrops bleekeri* Oshima, 1927/ CS/ KS, PT; m: *Argyrops spinifer*, *A. longifilis*.
+*Argyrops spinifer* (Forsskål, 1775)/ DCS/ KS, PT.
Dentex tumifrons (Temminck & Schlegel, 1843)/ DCS/ KS, PT; m: *Dentex spariformis*.
Evynnis cardinalis (Lacepède, 1802)/ CS/ KS; s: *Pagrus cardinalis*.
Pagrus major (Temminck & Schlegel, 1843)/ CS/ KS, PT; s: *Pagrosomus major*, *Chrysophrys major*, *Sparus major*. m: *Evynnis japonicus*.
Rhabdosargus sarba (Forsskål, 1775)/ CS/ KS, PT; s: *Sparus sarba*, *S. aries*.

Polynemidae

- Eleutheronema rhadinum* (Jordan & Evermann, 1902)/ CS/ KS, PT; s: *Eleutheronema tetradactylum*, *Polydactylus rhadinus*.
Polydactylus microstomus (Bleeker, 1851)/ CS/ KS, PT.
Polydactylus plebeius (Broussonet, 1782)/ CS/ KS, PT; m: *Polydactylus microstoma*.
Polydactylus sextarius (Bloch & Schneider, 1801)/ CS/ KS, PT; s: *Polynemus sextarius*. m: *Polydactylus sexfilis*.

Sciaenidae

- Argyrosomus japonicus* (Temminck & Schlegel, 1843)/ CS/ PT; s: *Nibe japonicus*.
Atrobucca nibe (Jordan & Thompson, 1911)/ DCS/ KS, PT; s: *Argyrosomus nibe*.
Chrysochir aureus (Richardson, 1846)/ CS/ KS, PT.
Collichthys lucidus (Richardson, 1844)/ CS/ PT.
Johnius amblycephalus (Bleeker, 1855)/ CS/ KS, PT; m: *Sciaena dussumieri*.
Johnius belangerii (Cuvier, 1830)/ CS/ KS, PT.
Johnius distinctus (Tanaka, 1916)/ CS/ KS, PT; m: *Johnius carutta*.
Johnius dussumieri (Cuvier, 1830)/ CS/ KS, PT; s: *Johnius sina*.

Johnius macrorhynchus (Mohan, 1976)/ CS/ KS, PT.
Larimichthys crocea (Richardson, 1846)/ CS/ KS, PT.
Nibea albiflora (Richardson, 1846)/ CS/ KS, PT.
Otolithes ruber (Bloch & Schneider, 1801)/ CS/ KS, PT; s:
Otolithes argenteus.
Pennahia anea (Bloch, 1793)/ CS/ KS; Yu & Shen, 1987.
Pennahia argentata (Houttuyn, 1782)/ CS/ KS, PT; s: *Nibea schlegeli*, *Argyrosomus argentatus*, *Corvula argentata*.
Pennahia macrocephalus (Tang, 1937)/ CS/ KS, PT; s:
Argyrosomus macrocephalus.
Pennahia pawak (Lin, 1940)/ CS/ KS, PT; Yu & Shen, 1987;
s: *Argyrosomus pawak*.
Protonibea diacanthus (Lacepède, 1802)/ CS/ KS, PT.

Mullidae

Mulloidichthys flavolineatus (Lacepède, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.
Mulloidichthys vanicolensis (Valenciennes, 1831)/ SR/ PT, TS; Chen et al., 1995; s: *Pseudupeneus vanicolensis*.
Parupeneus barberinoides (Bleeker, 1852)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudupeneus barberinoides*.
Parupeneus barberinus (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
; s: *Pseudupeneus barberinus*.
Parupeneus chrysopleuron (Temminck & Schlegel, 1843)/ SR/ KS, PT, TS; Chen et al., 1995; s: *Peudupeneus chrysopleuron*.
Parupeneus ciliatus (Lacepède, 1802)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Parupeneus barberinus*, *P. porphyreus*. s: *P. fraterculus*.
Parupeneus cyclostomus (Lacepède, 1801)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudupeneus cyclostomus*, *Upeneus cyclostomus*.
Parupeneus heptacanthus (Lacepède, 1802)/ SR/ PT, NS; Chen et al., 1997.
Parupeneus indicus (Shaw, 1803)/ SR/ KS, PT, TS; Chen et al., 1995; s: *Pseudupeneus indicus*, *Upeneus indicus*.
Parupeneus multifasciatus (Quoy & Gaimard, 1825)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Parupeneus trifasciatus*.
Parupeneus pleurostigma (Bennett, 1831)/ SR/ PT, TS, NS; Chen et al., 1997.
+*Parupeneus spilurus* (Bleeker, 1854)/ SR/ KS, PT.
Parupeneus trifasciatus (Lacepède, 1801)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudupeneus bifasciatus*.
+*Upeneus japonicus* (Houttuyn, 1782)/ CS/ KS, PT; s: *Upeneus bensasi*.
Upeneus moluccensis (Bleeker, 1855)/ CS/ PT; Shao et al., 1994.
Upeneus quadrilineatus Cheng & Wang, 1963/ CS/ KS, PT.
Upeneus tragula Richardson, 1846/ CS/ KS, PT; s: *Upeneoides tragula*.
Upeneus vittatus (Forsskål, 1775)/ CS/ KS, PT.

Pempheridae

+*Pempheris japonica* Doderlein, 1883/ SR/ PT; m: *Pempheris compressa*.
Pempheris nyctereutes Jordan & Evermann, 1902/ SR/ PT.
Pempheris oualensis Cuvier, 1831/ SR/ KS, PT, TS; Chen et al., 1995.
Pempheris schwenkii Bleeker, 1855/ SR/ PT; Chen, 2004.
Pempheris vanicolensis Cuvier, 1831/ SR/ KS, PT.

Glaucosomatidae

Glaucosoma buergeri Richardson, 1845/ DCS/ KS, PT; m:
Glaucosoma hebraicum. s: *G. fauveli*.

Bathyclupeidae

^**Bathyclupea argentea* Goode & Bean, 1896/ DCS/ PT; ASIZP 63765 (SW coast).

Remark. According to A. Prokifiev (pers. comm., Des., 2007), there might be two different species in Taiwan.

Monodactylidae

Monodactylus argenteus (Linnaeus, 1758)/ CS/ KS, PT.

Kyphosidae

Girella mezinga Jordan & Starks, 1907/ SR/ PT.
Girella punctata Gray, 1835/ SR/ KS, PT; s: *Girella melanichthys*.
Kyphosus bigibbus Lacepède, 1801/ SR/ PT, TS; Chen et al., 1995.
Kyphosus cinerascens (Forsskål, 1775)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Kyphosus lembus*.
Kyphosus vaigiensis (Quoy & Gaimard, 1825)/ SR/ PT; TS; Chen et al., 1995
Microcanthus strigatus (Cuvier, 1831)/ SR/ KS, PT.

Drepaneidae

Drepane longimana (Bloch & Schneider, 1801)/ CS/ KS.
Drepane punctata (Linnaeus, 1758)/ CS/ KS, PT.

Chaetodontidae

Chaetodon adiergastos Seale, 1910/ SR/ PT.
Chaetodon argentatus Smith & Radcliffe, 1911/ SR/ PT.
Chaetodon auriga Forsskål, 1775/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Chaetodon aripes Jordan & Snyder, 1901/ SR/ PT, TS; m: *Chaetodon collare*, *C. Aureus*.
Chaetodon baronessa Cuvier, 1829/ SR/ PT, TS, NS; Chen et al., 1997; m: *Chaetodon trifasciatus*.
Chaetodon bennetti Cuvier, 1831/ SR/ PT.
Chaetodon citrinellus Cuvier, 1831/ SR/ KS, PT; Chen et al., 1997.
Chaetodon ephippium Cuvier, 1831/ SR/ KS, PT, TS; Chen et al., 1995.
Chaetodon guentheri Ahl, 1923/ SR/ PT.
Chaetodon kleinii Bloch, 1790/ SR/ KS, PT, TS, NS; Chen et al., 1997.
Chaetodon lineolatus Cuvier, 1831/ SR/ KS, PT, TS; Chen et al., 1995.
Chaetodon lunula (Lacepède, 1802)/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Chaetodon fasciatus*.
Chaetodon melannotus Bloch & Schneider, 1801/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Chaetodon dorsiocellatus*.
+*Chaetodon modestus* Temminck & Schlegel, 1844/ SR/ KS, PT; s: *Coradion modestus*.
Chaetodon octofasciatus Bloch, 1787/ SR/ PT.
Chaetodon ornatissimus Cuvier, 1831/ SR/ PT, TS, NS; Chen et al., 1997.
Chaetodon plebeius Cuvier, 1831/ SR/ PT, TS; Chen et al., 1995.
Chaetodon punctatofasciatus Cuvier, 1831/ SR/ PT, TS, NS; Chen et al., 1997.
Chaetodon rafflesii Anonymous [Bennett], 1830/ SR/ PT, TS, NS; Chen et al., 1997.
Chaetodon reticulatus Cuvier, 1831/ SR/ PT.
Chaetodon selene Bleeker, 1853/ SR/ PT.
Chaetodon semeion Bleeker, 1855/ SR/ PT.
Chaetodon speculum Cuvier, 1831/ SR/ PT, TS; Chen et al., 1997.
Chaetodon trifascialis Quoy & Gaimard, 1825/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Chaetodon triangulum* s: *C. striganglus*.
Chaetodon ulietensis Cuvier, 1831/ SR/ PT, TS; Chen et al., 1995.
Chaetodon unimaculatus Bloch, 1787/ SR/ PT, TS, NS; Chen et al., 1997.
Chaetodon vagabundus Linnaeus, 1758/ SR/ PT, TS, NS; Chen et al., 1997.

Chaetodon wiebeli Kaup, 1863/ SR/ PT, TS; Chen et al., 1995.

Chaetodon xanthurus Bleeker, 1857/ SR/ PT, TS, NS; Chen et al., 1997; m: *Chaetodon mertensii*.

Coradion altivelis McCulloch, 1916/ SR/ PT, NS; Chen et al., 1997.

Coradion chrysozonus (Cuvier, 1831)/ SR/ KS, SCS.

Forcipiger flavissimus Jordan & McGregor, 1898/ SR/ PT, NS; Chen et al., 1997.

Forcipiger longirostris (Broussonet, 1782)/ SR/ PT.

Hemitaurichthys polylepis (Bleeker, 1857)/ SR/ PT.

Heniochus acuminatus (Linnaeus, 1758)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Heniochus accuminatus*.

Heniochus chrysostomus Cuvier, 1831/ SR/ PT, TS, NS; Chen et al., 1997.

Heniochus monoceros Cuvier, 1831/ SR/ TS, NS; Chen et al., 1997.

Heniochus singularis Smith & Radcliffe, 1911/ SR/ PT, TS; Chen et al., 1995.

Heniochus varius (Cuvier, 1829)/ SR/ PT, TS, NS; Chen et al., 1997.

Pomacanthidae

Apolemichthys trimaculatus (Cuvier, 1831)/ SR/ KS, PT, NS; Chen et al., 1997; s: *Holacanthus trimaculatus*.

Centropyge bicolor (Bloch, 1787)/ SR/ PT.

Centropyge bispinosa (Günther, 1860)/ SR/ PT, TS, NS; Chen et al., 1997.

Centropyge ferrugata Randall & Burgess, 1972/ SR/ PT.

+*Centropyge fisheri* (Snyder, 1904)/ SR/ PT, TS; Chen et al., 1995; s: *Centropyge flavicauda*.

Centropyge heraldi Woods & Schultz, 1953/ SR/ PT, NS; Chen et al., 1997.

Centropyge multifasciata (Smith & Radcliffe, 1911)/ SR/ NS; Chen et al., 1997.

Centropyge tibicen (Cuvier, 1831)/ SR/ PT, TS; Chen et al., 1995; s: *Xiphipops tibicen*.

Centropyge venusta (Yasuda & Tominaga, 1969)/ SR/ PT; s: *Holacanthus venustus*, *Genicanthus venustus*.

Centropyge vrolikii (Bleeker, 1853)/ SR/ PT, TS, NS; Chen et al., 1997.

Chaetodontoplus duboulayi (Günther, 1867)/ SR/ PT.

Chaetodontoplus septentrionalis (Temminck & Schlegel, 1844)/ SR/ KS, PT; s: *Holacanthus septentrionalis*.

Genicanthus melanospilos (Bleeker, 1857)/ SR/ PT, NS.

Genicanthus semifasciatus (Kamohara, 1934)/ SR/ PT.

Pomacanthus annularis (Bloch, 1787)/ SR/ PT.

Pomacanthus imperator (Bloch, 1787)/ SR/ KS, PT.

Pomacanthus semicirculatus (Cuvier, 1831)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Holacanthus semicirculatus*.

Pomacanthus sexstriatus (Cuvier, 1831)/ SR/ KS, PT, TS; s: *Euxhipops sexstriatus*.

**Pomacanthus xanthometopon* (Bleeker, 1853)/ SR/ PT; NMMSTP, 1000 (PT).

Pygoplites diacanthus (Boddaert, 1772)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Pentacerotidae

+*Evistias acutirostris* (Temminck & Schlegel, 1844)/ CS/ PT; Chen, 2003.

Histiopterus typus Temminck & Schlegel, 1844/ DR/ KS, PT.

+*Pentaceros japonicus* Steindachner, 1883/ DCS/ PT; Shen et al., 1986.

Terapontidae

Mesopristes cancellatus (Cuvier, 1829)/ CS/ KS, PT; s: *Therapon cancellatus*.

Pelates quadrilineatus (Bloch, 1790)/ CS/ KS, PT; s: *Therapon quadrilineatus*.

Therapon jarbua (Forsskål, 1775)/ CS/ KS, PT, TS; Chen et al., 1995; s: *Therapon jarbua*.

Therapon theraps Cuvier, 1829/ CS/ KS, PT; s: *Therapon theraps*.

Kuhliidae

Kuhlia marginata (Cuvier, 1829)/ CS/ PT.

Kuhlia mugil (Forster, 1801)/ CS/ PT; s: *Kuhlia taeniura*.

Oplegnathidae

Oplegnathus punctatus (Temminck & Schlegel, 1844)/ SR/ PT.

Cheilodactylidae

Goniistius quadricornis (Günther, 1860)/ CS/ PT.

Goniistius zebra (Doderlein, 1883)/ CS/ KS.

Goniistius zonatus (Cuvier, 1830)/ CS/ KS, PT.

Cepolidae

Acanthocephala indica (Day, 1888)/ DCS/ KS, PT.

Acanthocephala limbata (Valenciennes, 1835)/ DCS/ KS, PT; m: *Acanthocephala mesoprion*.

+*Cepola schlegelii* Bleeker, 1854/ DCS/ KS, PT.

Owstonia tosaensis Kamohara, 1934/ DCS/ PT.

+*Owstonia totomiensis* Tanaka, 1908/ DCS/ PT.

+*Pseudocephala taeniosoma* Kamohara, 1935/ DCS/ PT.

Pomacentridae

Abudefduf bengalensis (Bloch, 1787)/ SR/ PT, SCS; s: *Abudefduf affinis*, *A. lorenzi*. m: *Abudefduf septemfasciatus*.

Abudefduf notatus (Day, 1870)/ SR/ PT, TS; Chen et al., 1995.

Abudefduf septemfasciatus (Cuvier, 1830)/ SR/ KS, PT.

Abudefduf sexfasciatus (Lacepède, 1801)/ SR/ KS, PT, TS; Chen et al., 1995; s: *Abudefduf coelestinus*.

Abudefduf sordidus (Forsskål, 1775)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Abudefduf vaigiensis (Quoy & Gaimard, 1825)/ SR/ PT, TS, NS; Chen et al., 1997.

Amblyglyphidodon aureus (Cuvier, 1830)/ SR/ PT, NS; Chen et al., 1997.

Amblyglyphidodon curacao (Bloch, 1787)/ SR/ PT, TS; Chen et al., 1995.

Amblyglyphidodon leucogaster (Bleeker, 1847)/ SR/ PT, NS; Chen et al., 1997.

Amblyglyphidodon ternatensis (Bleeker, 1853)/ SR/ TS; Chen et al., 1995.

Amphiprion clarkii (Bennett, 1830)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Amphiprion frenatus Brevoort, 1856/ SR/ PT, TS, NS; Chen et al., 1997.

Amphiprion ocellaris Cuvier, 1830/ SR/ PT, NS; Chen et al., 1997.

Amphiprion perideraion Bleeker, 1855/ SR/ PT, TS, NS; Chen et al., 1997.

Amphiprion sandaracinos Allen, 1972/ SR/ NS; Chen et al., 1997.

Chromis acares Randall & Swerdloff, 1973/ SR/ PT; Shao et al., 1992.

Chromis albomaculata Kamohara, 1960/ SR/ KS, PT; Lin et al., 1994.

Chromis alleni Randall, Ida & Moyer, 1981/ SR/ PT; Randall et al., 1981.

Chromis atripectoralis Welser & Schultz, 1951/ SR/ PT, TS.

Chromis atripes Fowler & Bean, 1928/ SR/ PT, TS, NS; Chen et al., 1997.

Chromis chrysura (Bliss, 1883)/ SR/ PT, TS, NS; Chen et al., 1997.

Chromis cinerascens (Cuvier, 1830)/ SR/ PT.

+*Chromis delta* Randall, 1988/ SR/ PT; Randall, 1988.

- +*Chromis elerae* Fowler & Bean, 1928/ SR/ PT; Randall et al., 1981.
- Chromis lepidolepis* Bleeker, 1877/ SR/ PT, NS; Chen et al., 1997.
- Chromis margaritifer* Fowler, 1946/ SR/ PT, TS, NS; Chen et al., 1997; m: *Chromis bicolor*.
- +*Chromis mirationis* Tanaka, 1917/ SR/ PT, NS; Chen et al., 1997.
- Chromis notata* (Temminck & Schlegel, 1843)/ SR/ PT, NS; Chen et al., 1997.
- ^*+*Chromis okamurai* Yamakawa & Randall, 1989/ SR/ PT; ASIZP 60887 (PT).
- Chromis ovatififormis* Fowler, 1946/ SR/ PT, NS; Chen et al., 1997.
- Chromis ternatensis* (Bleeker, 1856)/ SR/ PT, TS; Chen et al., 1995; s: *Chromis caerulea*. m: *Chromis atripectoralis*.
- Chromis vanderbilti* (Fowler, 1941)/ SR/ PT, NS; Chen et al., 1997.
- Chromis viridis* (Cuvier, 1830)/ SR/ PT, TS, NS; Chen et al., 1997.
- Chromis weberi* Fowler & Bean, 1928/ SR/ PT, NS; Chen et al., 1997.
- Chromis xanthochira* (Bleeker, 1851)/ SR/ PT.
- Chromis xanthura* (Bleeker, 1854)/ SR/ PT, NS; Chen et al., 1997.
- Chrysiptera biocellata* (Quoy & Gaimard, 1825)/ SR/ PT, NS; Chen et al., 1997; s: *Glyphidodontops biocellatus*.
- Chrysiptera brownriggii* (Bennett, 1828)/ SR/ PT.
- Chrysiptera cyanea* (Quoy & Gaimard, 1825)/ SR/ PT, NS; Chen et al., 1997; s: *Glyphidodontops cyaneus*.
- Chrysiptera flavifrons* Allen in press/ SR/ TS, NS; Allen in press.
- Chrysiptera glauca* (Cuvier, 1830)/ SR/ KS, PT, NS; Chen et al., 1997; s: *Glyphidodontops glaucus*.
- Chrysiptera unimaculata* (Cuvier, 1830)/ SR/ PT, TS, NS; Chen et al., 1997.
- Chrysiptera rex* (Snyder, 1909)/ SR/ PT, NS; Chen et al., 1997; s: *Glyphidodontops rex*.
- Chrysiptera starcki* (Allen, 1973)/ SR/ PT; s: *Glyphidodontops starcki*.
- Dascyllus aruanus* (Linnaeus, 1758)/ SR/ PT, TS, NS; Chen et al., 1997.
- Dascyllus melanurus* Bleeker, 1854/ SR/ PT, TS.
- Dascyllus reticulatus* (Richardson, 1846)/ SR/ PT, TS, NS; Chen et al., 1997.
- Dascyllus trimaculatus* (Rüppell, 1829)/ SR/ PT, TS, NS; Chen et al., 1997.
- Dischistodus melanotus* (Bleeker, 1858)/ SR/ PT, NS; Chen et al., 1997.
- Dischistodus prosopotaenia* (Bleeker, 1852)/ SR/ PT, TS; Chen et al., 1995.
- Hemiglyphidodon plagiometopon* (Bleeker, 1852)/ SR/ TS, NS; Chen et al., 1997.
- Neoglyphidodon melas* (Cuvier, 1830)/ SR/ PT, NS; Chen et al., 1997.
- Neoglyphidodon nigroris* (Cuvier, 1830)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Paraglyphidodon nigroris*.
- +*Neopomacentrus azysron* (Bleeker, 1877)/ SR/ PT.
- Plectroglyphidodon dickii* (Liénard, 1839)/ SR/ PT, TS, NS; Chen et al., 1997.
- Plectroglyphidodon johnstonianus* Fowler & Ball, 1924/ SR/ PT.
- Plectroglyphidodon lacrymatus* (Quoy & Gaimard, 1825)/ SR/ PT, TS, NS; Chen et al., 1997.
- Plectroglyphidodon leucozonus* (Bleeker, 1859)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- +*Plectroglyphidodon phoenixensis* (Schultz, 1943)/ SR/ PT; Shao et al., 1986.
- Pomacentrus amboinensis* Bleeker, 1868/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Pomacentrus bankanensis* Bleeker, 1853/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Pomacentrus brachialis* Cuvier, 1830/ SR/ PT.
- Pomacentrus chrysurus* Cuvier, 1830/ SR/ KS, PT, NS; Chen et al., 1997; s: *Pomacentrus rhodonotus*.
- Pomacentrus coelestis* Jordan & Starks, 1901/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Pomacentrus lepidogenys* Fowler & Bean, 1928/ SR/ PT, TS, NS; Chen et al., 1997.
- Pomacentrus moluccensis* Bleeker, 1853/ SR/ PT, TS, NS; Chen et al., 1997.
- Pomacentrus nagasakiensis* Tanaka, 1917/ SR/ PT, NS; Chen et al., 1997.
- Pomacentrus nigromarginatus* Allen, 1973/ SR/ PT, NS; Chen et al., 1997.
- Pomacentrus pavo* (Bloch, 1787)/ SR/ PT.
- Pomacentrus philippinus* Evermann & Seale, 1907/ SR/ PT, TS, NS; Chen et al., 1997.
- Pomacentrus taeniometopon* Bleeker, 1852/ SR/ PT; Allen, 1991
- Pomacentrus tripunctatus* Cuvier, 1830/ SR/ KS, PT.
- Pomacentrus vaiuli* Jordan & Seale, 1906/ SR/ PT, NS; Chen et al., 1997.
- Pomachromis richardsoni* (Snyder, 1909)/ SR/ PT, NS; Chen et al., 1997.
- Pristotis obtusirostris* (Günther, 1862)/ SR/ KS, PT; s: *Pristotis jerdoni*.
- Stegastes albifasciatus* (Schlegel & Müller, 1839)/ SR/ PT.
- Stegastes altus* (Okada & Ikeda, 1937)/ SR/ PT.
- Stegastes fasciolatus* (Ogilby, 1889)/ SR/ KS, PT, NS; Chen et al., 1997.
- Stegastes lividus* (Forster, 1801)/ SR/ PT, TS; Chen et al., 1995.
- Stegastes nigricans* (Lacepède, 1802)/ SR/ PT, TS, NS; Chen et al., 1997.
- Teixeirichthys jordani* (Rutter, 1897)/ SR/ KS, PT; s: *Teixeirichthys formosanus*, *Pristotis jordani*.

Labridae

- Anampses caeruleopunctatus* Rüppell, 1829/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Anampses geographicus* Valenciennes, 1840/ SR/ KS, PT, TS, NS; Chen et al., 1997
- Anampses melanurus* Bleeker, 1857/ SR/ PT, TS, NS; Chen et al., 1997.
- Anampses meleagrides* Valenciennes, 1840/ SR/ PT, TS, NS; Chen et al., 1997.
- Anampses neoguinaiicus* Bleeker, 1878/ SR/ PT.
- Anampses twistii* Bleeker, 1856/ SR/ PT, TS, NS; Chen et al., 1997.
- Bodianus anthioides* (Bennett, 1832)/ SR/ NS; Chen et al., 1997.
- Bodianus axillaris* (Bennett, 1832)/ SR/ PT, NS; Chen et al., 1997.
- Bodianus bilunulatus* (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- +*Bodianus dictynna* Gomon, 2006/ SR/ PT, NS; Chen et al., 1997; m: *Bodianus diana*.
- +*Bodianus izuensis* Araga & Yoshino, 1975/ SR/ PT.
- Bodianus leucosticticus* (Bennett, 1832)/ SR/ PT; Gomon, 2006.
- Bodianus loxozonus* (Snyder, 1908)/ SR/ PT, NS; Chen et al., 1997; m: *Bodianus macrourus*, *B. hirsutus*.
- +*Bodianus masudai* Araga & Yoshino, 1975/ SR/ PT.

- Bodianus mesothorax* (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Bodianus oxycephalus* (Bleeker, 1862)/ SR/ KS, PT; Gomon, 2006.
- +*Bodianus perditio* (Quoy & Gaimard, 1834)/ SR/ PT; Gomon, 2006.
- +*Bodianus thoracotaeniatus* Yamamoto, 1982/ SR/ PT.
- Cheilinus chlorourus* (Bloch, 1791)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Cheilinus fasciatus* (Bloch, 1791)/ SR/ PT, TS, NS; Chen et al., 1997.
- Cheilinus trilobatus* Lacepède, 1801/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Cheilinus undulatus* Rüppell, 1835/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Cheilio inermis* (Forsskål, 1775)/ SR/ PT, TS, NS, SCS; Chen et al., 1997.
- Choerodon anchorago* (Bloch, 1791)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Choerodon azurio* (Jordan & Snyder, 1901)/ SR/ PT, NS; Chen et al., 1997; s: *Choerops azurio*.
- Choerodon fasciatus* (Günther, 1867)/ SR/ PT; s: *Choerodon fasciata*.
- Choerodon jordani* (Snyder, 1908)/ SR/ KS, PT, NS; Chen et al., 1997.
- Choerodon robustus* (Günther, 1862)/ SR/ KS, PT; s: *Choerodon pescadoreis*.
- Choerodon schoenleinii* (Valenciennes, 1839)/ SR/ KS, PT; s: *Choerodon cyanostolus*, *C. nyctemblema*.
- Cirrhilabrus cyanopleura* (Bleeker, 1851)/ SR/ PT, TS, NS; Chen et al., 1997.
- Cirrhilabrus exquisitus* Smith, 1957/ SR/ PT.
- Cirrhilabrus melanomarginatus* Randall & Shen, 1978/ SR/ PT, NS; Chen et al., 1997
- Cirrhilabrus rubrimarginatus* Randall, 1992/ SR/ PT, NS; Chen et al., 1997.
- Cirrhilabrus temminckii* Bleeker, 1853/ SR/ PT.
- Coris aygula* Lacepède, 1801/ SR/ PT, NS; Chen et al., 1997; s: *Coris angulata*.
- Coris batuensis* (Bleeker, 1856–57)/ SR/ PT, NS; Chen et al., 1997; s: *Coris variegata*.
- Coris dorsomacula* Fowler, 1908/ SR/ PT, NS; Chen et al., 1997
- Coris gaimard* (Quoy & Gaimard, 1824)/ SR/ PT, TS, NS; Chen et al., 1997.
- Cymolutes torquatus* (Valenciennes, 1840)/ SR/ TS, Chen et al., 1995.
- Decodon pacificus* (Kamohara, 1952)/ SR/ KS; s: *Bodians pacificus*.
- Epibulus insidiator* (Pallas, 1770)/ SR/ PT, TS, NS; Chen et al., 1997.
- Gomphosus varius* Lacepède, 1801/ SR/ PT, TS, NS; Chen et al., 1997; s: *Gomphosus tricolor*.
- Halichoeres argus* (Bloch & Schneider, 1801)/ SR/ KS, PT; s: *Halichoeres leparensis*.
- Halichoeres biocellatus* Schultz, 1960/ SR/ PT, TS, NS; Chen et al., 1997; m: *Halichoeres binotopsis*.
- Halichoeres chrysus* Randall, 1981/ SR/ PT, NS; Chen et al., 1997.
- Halichoeres hartzfeldii* (Bleeker, 1852)/ SR/ PT, NS; Chen et al., 1997; m: *Halichoeres pelicierii*.
- Halichoeres hortulanus* (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Guntheria centiquadra*.
- Halichoeres margaritaceus* (Valenciennes, 1839)/ SR/ PT, TS, NS; Chen et al., 1997.
- Halichoeres marginatus* Rüppell, 1835/ SR/ PT, TS, NS; Chen et al., 1997.
- Halichoeres melanochir* Fowler & Bean, 1928/ SR/ PT, SCS; m: *Halichoeres amboinensis*.
- Halichoeres melanurus* (Bleeker, 1851)/ SR/ PT.
- Halichoeres miniatus* (Valenciennes, 1839)/ SR/ PT.
- Halichoeres nebulosus* (Valenciennes, 1839)/ SR/ PT, NS; Chen et al., 1997.
- Halichoeres nigrescens* (Bloch & Schneider, 1801)/ SR/ PT; s: *Halichoeres dussumieri*.
- Halichoeres orientalis* Randall, 1999/ SR/ TS, NS; Randall, 1999; m: *Halichoeres ornatissimus*.
- Halichoeres prosopoeion* (Bleeker, 1853)/ SR/ PT, NS; Chen et al., 1997.
- Halichoeres scapularis* (Bennett, 1832)/ SR/ PT, TS, NS; Chen et al., 1997.
- Halichoeres timorensis* (Bleeker, 1852)/ SR/ PT, NS; Chen et al., 1997; s: *Halichoeres kawarin*.
- Halichoeres trimaculatus* (Quoy & Gaimard, 1834)/ SR/ PT, TS, NS, SCS; Chen et al., 1997.
- Hemigymnus fasciatus* (Bloch, 1792)/ SR/ PT, TS, NS; Chen et al., 1997.
- Hemigymnus melapterus* (Bloch, 1791)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Hologymnosus annulatus* (Lacepède, 1801)/ SR/ PT, NS; Chen et al., 1997; s: *Hologymnosus semidiscus*.
- Hologymnosus doliatus* (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- +*Hologymnosus rhodonotus* Randall & Yamakawa, 1988/ SR/ PT; Chen et al., 1999.
- Iniistius aneitensis* (Günther, 1862)/ CS/ PT, NS; Chen et al., 1997; s: *Xyrichtys aneitensis*.
- Iniistius evides* (Jordan & Evermann, 1909)/ CS/ KS, PT; s: *Xyrichtys baldwini*.
- Iniistius dea* (Temminck & Schlegel, 1845)/ CS/ KS, PT, TS, SCS; Chen et al., 1995; s: *Hemipteronotus dea*, *Xyrichtys dea*.
- Iniistius melanopus* (Bleeker, 1857)/ CS/ PT; s: *Hemipteronotus melanopus*, *Xyrichtys melanopus*.
- Iniistius pavo* (Valenciennes, 1840)/ CS/ KS, PT; s: *Hemipteronotus pavo*, *Xyrichtys pavo*.
- Iniistius pentadactylus* (Linnaeus, 1758)/ CS/ KS, PT; s: *Hemipteronotus pentadactylus*, *Xyrichtys pentadactylus*.
- Iniistius twistii* (Bleeker, 1856)/ CS/ PT; s: *Xyrichtys twistii*.
- Iniistius verrens* (Jordan & Evermann, 1902)/ CS/ KS, PT; s: *Xyrichtys verrens*, *Hemipteronotus caeruleopunctatus*, *H. verrens*.
- Labrichthys unilineatus* (Guichenot, 1847)/ SR/ PT, TS; Chen et al., 1995.
- Labroides bicolor* Fowler & Bean, 1928/ SR/ PT, TS, NS; Chen et al., 1997.
- Labroides dimidiatus* (Valenciennes, 1839)/ SR/ PT, TS, NS; Chen et al., 1997.
- Labroides pectoralis* Randall & Springer, 1975/ SR/ NS; Chen et al., 1997.
- Labropsis manabei* Schmidt, 1931/ SR/ PT, NS; Chen et al., 1997.
- Labropsis xanthonota* Randall, 1981/ SR/ NS; Chen et al., 1997.
- Macropharyngodon meleagris* (Valenciennes, 1839)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Macropharyngodon pardalis*.
- Macropharyngodon negrosensis* Herre, 1932/ SR/ PT, NS; Chen et al., 1997.
- Novaculichthys taeniourus* (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Novaculoides macrolepidotus* (Bloch, 1791)/ CS/ PT; s: *Novaculichthys macrolepidotus*.

- *+*Oxycheilinus arenatus* (Valenciennes, 1840)/ SR/ PT; NMMBP 8526 (PT).
- Oxycheilinus bimaculatus* (Valenciennes, 1840)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Cheilinus bimaculatus*.
- Oxycheilinus celebicus* (Bleeker, 1853)/ SR/ PT, TS, SCS; Chen et al., 1995.
- Oxycheilinus digramma* (Lacepède, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Cheilinus digrammus*.
- Oxycheilinus orientalis* (Günther, 1862)/ SR/ PT, NS; Chen et al., 1997.
- Oxycheilinus unifasciatus* (Streets, 1877)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Cheilinus rhodochrous*.
- Paracheilinus carpenteri* Randall & Lubbock, 1981/ SR/ PT; Wang et al., 1994.
- Parajulis poecilepterus* (Temminck & Schlegel, 1845)/ SR/ KS, PT; s: *Halichoeres poecilepteri*.
- Pseudocheilinus evanidus* Jordan & Evermann, 1903/ SR/ PT, TS, NS; Chen et al., 1997.
- Pseudocheilinus hexataenia* (Bleeker, 1857)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Pseudolabrus hexataenia*.
- Pseudocheilinus octotaenia* Jenkins, 1901/ SR/ PT, NS; Chen et al., 1997.
- ^*+*Pseudocoris aurantiofasciata* Fourmanoir, 1971/ SR/ PT; NMMBP, 2193 (PT).
- **Pseudocoris heteroptera* (Bleeker, 1857)/ SR/ PT; NMMBP 4103 (PT).
- Pseudocoris ocellata* Chen & Shao, 1995/ SR/ PT; Chen & Shao, 1995.
- Pseudocoris yamashiroi* (Schmidt, 1931)/ SR/ PT, NS; Chen et al., 1997.
- Pseudodax moluccanus* (Valenciennes, 1840)/ SR/ PT, NS; Chen et al., 1997.
- Pseudojuloides cerasinus* (Snyder, 1904)/ SR/ PT; Ho et al., 1993; s: *Pseudolabrus cerasinus*.
- Pseudolabrus eoethinus* (Richardson, 1846)/ SR/ PT; Parenti & Randall, 2000.
- +*Pseudolabrus sieboldi* Mabuchi & Nakabo, 1997/ SR/ PT, Parenti & Randall, 2000; s: *Pseudolabrus japonicus*.
- Pteragogus aurigarius* (Richardson, 1845)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Duymaeria flagellifera*, *Pteragogus flagellifer*.
- Pteragogus cryptus* Randall, 1981/ SR/ PT; Wang et al., 1994.
- +*Pteragogus enneacanthus* (Bleeker, 1853)/ SR/ PT; Chen et al., 1999.
- Stethojulis bandanensis* (Bleeker, 1851)/ SR/ KS, PT, TS, NS, SCS; Chen et al., 1997.
- Stethojulis strigiventer* (Bennett, 1833)/ SR/ PT.
- +*Stethojulis terina* Jordan & Snyder, 1902/ SR/ KS, PT, TS, NS, SCS; Chen et al., 1997; m: *Stethojulis kalosoma*, *S. interrupta*.
- Stethojulis trilineata* (Bloch & Schneider, 1801)/ SR/ PT, NS; Chen et al., 1997; s: *Stethojulis phekadopleura*.
- Suezichthys gracilis* (Steindachner & Doderlein, 1887)/ SR/ KS, PT.
- Thalassoma amblycephalum* (Bleeker, 1856)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Thalassoma cupido* (Temminck & Schlegel, 1845)/ SR/ PT.
- Thalassoma hardwicke* (Bennett, 1830)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Thalassoma janseni* (Bleeker, 1856)/ SR/ PT, TS; Chen et al., 1995.
- Thalassoma lunare* (Linnaeus, 1758)/ SR/ KS, PT, TS, NS, SCS; Chen et al., 1997.
- Thalassoma lutescens* (Lay & Bennett, 1839)/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Thalassoma purpureum* (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Thalassoma umbrostygya*.
- Thalassoma quinquevittatum* (Lay & Bennett, 1839)/ SR/ PT, TS, NS; Chen et al., 1997.
- Thalassoma trilobatum* (Lacepède, 1801)/ SR/ PT; s: *Thalassoma fuscum*.
- Wetmorella nigropinnata* (Seale, 1901)/ SR/ PT.
- Scaridae**
- Bolbometopon muricatum* (Valenciennes, 1840)/ SR/ PT; Liao et al., 2004.
- Calotomus carolinus* (Valenciennes, 1840)/ SR/ PT; Liao et al., 2004; s: *Calotomus sandwicensis*.
- +*Calotomus japonicus* (Valenciennes, 1840)/ SR/ PT; Chen et al., 1995.
- Calotomus spinidens* (Quoy & Gaimard, 1824)/ SR/ PT; Liao et al., 2004; m: *Leptoscarus vaigiensis*.
- Cetoscarus bicolor* (Rüppell, 1829)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Bolbometopon bicolor*.
- Chlorurus bowersi* (Snyder, 1909)/ SR/ PT, NS; Chen et al., 1997; s: *Scarus bowersi*.
- Chlorurus japonensis* (Bloch, 1789)/ SR/ PT; Liao et al., 2004; s: *Scarus pyrrhurus*.
- Chlorurus microrhinos* (Bleeker, 1854)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Scarus gibbus*.
- Chlorurus oedema* (Snyder, 1909)/ SR/ PT; Liao et al., 2004; s: *Scarus oedem*.
- +*Chlorurus spilurus* (Valenciennes, 1840)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Scarus sordidus*, *Chlorurus sordidus*.
- Hipposcarus longiceps* (Valenciennes, 1840)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Scarus longiceps*.
- Leptoscarus vaigiensis* (Quoy & Gaimard, 1824)/ SR/ PT, TS; Chen et al., 1995.
- Scarus dimidiatus* Bleeker, 1859/ SR/ PT, TS; Chen et al., 1995; m: *Scarus scaber*.
- Scarus festivus* Valenciennes, 1840/ SR/ PT, NS; Chen et al., 1997; s: *Callyodon lunula*.
- Scarus forsteni* (Bleeker, 1861)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Callyodon forsteni*.
- Scarus frenatus* Lacepède, 1802/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Scarus fuscocaudalis* Randall & Myers, 2000/ SR/ PT; Randall & Myers, 2000.
- +*Scarus hypselopterus* Bleeker, 1853/ SR/ TS; Chen et al., 1995; s: *Scarus javanicus*.
- Scarus pyrrostethus* Richardson, 1846/ SR/ PT, TS, SCS; Chen et al., 1995; s: *Scarus dussumieri*, *S. lacerta*, *Callyodon dussumieri*. m: *S. ghobban*.
- Scarus globiceps* Valenciennes, 1840/ SR/ KS, PT; Liao et al., 2004; s: *Scarus lepidus*. m: *Scarus aeruginosus*, *Callyodon dubius*.
- Scarus niger* Forsskål, 1775/ SR/ KS, PT, TS, NS; Chen et al., 1997.
- Scarus oviceps* Valenciennes, 1840/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Scarus ovifrons* Temminck & Schlegel, 1846/ SR/ PT; Liao et al., 2004.
- Scarus prasiognathos* Valenciennes, 1840/ SR/ PT; Liao et al., 2004; s: *Scarus chlorodon*.
- Scarus psittacus* Forsskål, 1775/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Scarus venosus*.
- Scarus quoyi* Valenciennes, 1840/ SR/ PT; Liao et al., 2004.
- Scarus rivulatus* Valenciennes, 1840/ SR/ PT, TS; Chen et al., 1995.
- Scarus rubroviolaceus* Bleeker, 1847/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Callyodon rubroviolaceus*. m: *Scarus chlorodon*, *Scarus lunula*.

Scarus schlegeli (Bleeker, 1861)/ SR/ PT, TS, NS; Chen et al., 1997.

Scarus spinus (Kner, 1868)/ SR/ PT, TS; Chen et al., 1995.
+*Scarus xanthopleura* Bleeker, 1853/ SR/ PT; Shao & Chen, 1989; m: *Scarus atropectoralis*.

Champsodontidae

Champsodon guentheri Regan, 1908/ DCS/ KS, PT, TS.

Champsodon snyderi Franz, 1910/ DCS/ PT.

Pinguipedidae

+*Parapercis aurantiaca* Doderlein, 1884/ CS/ KS.

Parapercis clathrata Ogilby, 1910/ SR/ PT, NS; Chen et al., 1997.

Parapercis cylindrica (Bloch, 1792)/ SR/ PT, TS, NS; Chen et al., 1997.

+*Parapercis decemfasciata* (Franz, 1910)/ CS/ KS, PT.

Parapercis kamoharai Schultz, 1966/ SR/ PT.

Parapercis millepunctata (Günther, 1860)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Parapercis cephalopunctata*.

Parapercis multifasciata Doderlein, 1884/ SR/ PT.

Parapercis multiplicata Randall, 1984/ CS/ PT.

Parapercis muronis (Tanaka, 1918)/ CS/ PT.

+*Parapercis pacifica* Imamura & Yoshino, 2007/ SR/ KS, PT, TS, NS; Imamura & Yoshino, 2007; m: *Parapercis hexophtalma*, *P. polyophtalma*.

+*Parapercis pulchella* (Temminck & Schlegel, 1843)/ CS/ KS, PT.

+*Parapercis sexfasciata* (Temminck & Schlegel, 1843)/ CS/ KS, PT; s: *Neopercis sexfasciata*.

+*Parapercis striolata* (Weber, 1913)/ DS/ PT; m: *Parapercis mimaseana*.

+*Parapercis shaoi* Randall, 2008/ CS/ PT; m: *Parapercis somaliensis*.

Parapercis snyderi Jordan & Starks, 1905/ SR/ TS; Chen et al., 1995.

Parapercis tetracantha (Lacepède, 1801)/ SR/ PT.

Parapercis xanthozona (Bleeker, 1849)/ SR/ PT; s: *Neopercis xanthozona*.

Trichonotidae

Trichonotus setiger Bloch & Schneider, 1801/ CS/ KS, PT.

Creediidae

Limnichthys fasciatus Waite, 1904/ CS/ PT

Percophidae

Acanthaphritis barbata (Okamura & Kishida, 1963)/ DS/ KS, PT; s: *Spinapsaron barbatus*.

Bembrops caudimacula Steindachner, 1876/ DS/ PT.

^**Bembrops curvatura* Okada & Suzuki, 1952/ DS/ PT; ASIZP 62187 (PT).

**Bembrops platyrhynchus* (Alcock, 1894)/ DS/ PT; NMMSTP 0646 (Tong-kang).

Chironema chlorotaenia McKay, 1971/ DS/ PT.

Chironema chryseres Gilbert, 1905/ DS/ PT.

Ammodytidae

Bleekeria mitsukurii Jordan & Evermann, 1902/ CS/ PT.

Uranoscopidae

Ichthyoscopus lebeck (Bloch & Schneider, 1801)/ CS/ PT.

Uranoscopus bicinctus Temminck & Schlegel, 1843/ CS/ KS, PT.

Uranoscopus chinensis Guichenot, 1882/ CS/ PT.

Uranoscopus japonicus Houttuyn, 1782/ CS/ KS, PT.

Uranoscopus oligolepis Bleeker, 1878/ CS/ PT.

Xenocephalus elongatus (Temminck & Schlegel, 1843)/ CS/ PT.

Tripterygiidae

Ceratobregma helenae Holleman, 1987/ SR/ PT; Shen & Wu, 1994.

Enneapterygius bahasa Fricke, 1997/ SR/ PT; Fricke, 1997.

+*Enneapterygius cheni* Wang, Shao & Shen, 1996/ SR/ PT; Wang et al., 1996.

Enneapterygius etheostomus (Jordan & Snyder, 1902)/ SR/ PT; Shen & Wu, 1994; s: *Tripterygion etheostoma*, *Rosenblattella etheostoma*.

Enneapterygius fasciatus (Weber, 1909)/ SR/ PT; Fricke, 1997.

Helcogramma fuscopinna Holleman, 1982/ SR/ PT; Holleman, 1982.

Helcogramma striatum Hansen, 1986/ SR/ PT, TS, NS; Chen et al., 1997.

Enneapterygius flavoccipitis Shen & Wu, 199/ SR/ PT, SCS; Shen & Wu, 1994.

Enneapterygius fuscoventer Fricke, 1997/ SR/ PT; Fricke, 1997.

Enneapterygius minutus (Günther, 1877)/ SR/ PT; Shen & Wu, 1994.

Enneapterygius nanus (Schultz, 1960)/ SR/ PT.

Enneapterygius nigricauda Fricke, 1997/ SR/ PT; Fricke, 1997.

Enneapterygius pallidoserialis Fricke, 1997/ SR/ PT; Fricke, 1997.

Enneapterygius philippinus (Peters., 1868)/ SR/ PT; Fricke, 1997.

Enneapterygius rhabdotus Fricke, 1994/ SR/ PT; Fricke, 1997.

Enneapterygius rubicauda Shen, 1994/ SR/ PT, SCS; Shen & Wu, 1994.

Enneapterygius tutuilae Jordan & Seale, 1906/ SR/ PT; Fricke, 1997.

Enneapterygius unimaculatus Fricke, 1994/ SR/ PT; Fricke, 1997.

Helcogramma chica Rosenblatt, 1960/ SR/ PT; Hansen, 1986.

Helcogramma fuscipectoris (Fowler, 1946)/ SR/ PT; Fricke, 1997.

+*Helcogramma fuscopinna* Holleman, 1982/ SR/ PT; Holleman, 1982.

+*Helcogramma habena* Williams & McCormick, 1990/ SR/ PT; Shen & Wu, 1994.

Helcogramma inclinata (Fowler, 1946)/ SR/ PT; Fricke, 1997.

Helcogramma striata Hansen, 1986/ SR/ PT, TS, NS; Chen et al., 1995.

Norfolkia brachylepis (Schultz, 1960)/ SR/ PT; Shen & Wu, 1994; s: *Norfolkia springeri*.

Blenniidae

Andamia reyi (Sauvage, 1880)/ SR/ PT.

Andamia tetradactylus (Bleeker, 1858)/ SR/ PT.

**Aspidontus dussumieri* (Valenciennes, 1836)/ SR/ PT; NMMSTP 0703 (PT).

Aspidontus taeniatus Quoy & Gaimard, 1834/ SR/ PT.

Atrularias fuscus holomelas (Günther, 1872)/ SR/ PT, TS; Chen et al., 1995.

Blenniella bilitonensis (Bleeker, 1858)/ SR/ PT; s: *Istiblennius bilitonensis*.

Blenniella caudolineata (Günther, 1877)/ SR/ PT; Springer & Williams, 1994.

Blenniella cyanostigma (Bleeker, 1849)/ SR/ PT, NS; Chen et al., 1997; s: *Istiblennius cyanostigma*.

Blenniella interrupta (Bleeker, 1857)/ SR/ PT; s: *Istiblennius interruptus*.

Blenniella periophthalmus (Valenciennes, 1836)/ SR/ PT, NS; Chen et al., 1997; s: *Istiblennius periophthalmus*.

Cirripectes castaneus (Valenciennes, 1836)/ SR/ PT, NS; Chen et al., 1997.

- Cirripectes filamentosus* (Alleyne & Macleay, 1877)/ SR/ PT.
- Cirripectes fuscoguttatus* Strasburg & Schultz, 1953/ SR/ PT.
- Cirripectes imitator* Williams, 1985/ SR/ PT.
- Cirripectes perustus* Smith, 1959/ SR/ PT.
- Cirripectes polyzona* (Bleeker, 1868)/ SR/ PT, NS; Chen et al., 1997.
- Cirripectes quagga* (Fowler & Ball, 1924)/ SR/ PT.
- **Cirripectes variolosus* (Valenciennes, 1836)/ SR/ PT; ASIZP 58392 (PT).
- +*Ecsenius bathi* Springer, 1988/ SR/ TS; Chen et al., 1997.
- Ecsenius bicolor* (Day, 1888)/ SR/ PT, TS, NS; Chen et al., 1997.
- Ecsenius lineatus* Klausewitz, 1962/ SR/ PT, TS; Chen et al., 2005.
- Ecsenius melarchus* McKinney & Springer, 1976/ SR/ NS; Chen et al., 1997.
- Ecsenius namiyei* (Jordan & Evermann, 1902)/ SR/ PT, TS; Chen et al., 1995; s: *Ecsenius frontalis*, *Salarias namiyei*.
- Ecsenius oculus* Springer, 1971/ SR/ PT.
- Ecsenius stictus* Springer, 1988/ SR/ NS; Chen et al., 1997.
- Ecsenius yaeyamaensis* (Aoyagi, 1954)/ SR/ PT; m: *Ecsenius stictus*.
- Enchelyurus kraussii* (Klunzinger, 1871)/ SR/ PT.
- Entomacrodus caudofasciatus* (Regan, 1909)/ SR/ PT, SCS.
- Entomacrodus decussatus* (Bleeker, 1858)/ SR/ PT.
- Entomacrodus epalzeocheilos* (Bleeker, 1859)/ SR/ PT.
- Entomacrodus niuafoouensis* (Fowler, 1932)/ SR/ PT.
- Entomacrodus stellifer lighti* (Herre, 1938)/ SR/ PT; s: *Entomacrodus lighti*.
- +*Entomacrodus striatus* (Valenciennes, 1836)/ SR/ PT.
- +*Entomacrodus thalassinus* (Jordan & Seale, 1906)/ SR/ PT.
- Exallias brevis* (Kner, 1868)/ SR/ PT, TS; Chen et al., 1995.
- Istiblennius dussumieri* (Valenciennes, 1836)/ SR/ PT; s: *Salarias dussumieri*, *Istiblennius zamboangae*.
- Istiblennius edentulus* (Forster & Schneider, 1801)/ SR/ PT; s: *Scartella edentulous*.
- Istiblennius lineatus* (Valenciennes, 1836)/ SR/ PT, SCS; s: *Salarias lineatus*.
- Istiblennius muelleri* (Klunzinger, 1879)/ SR/ PT.
- Laiphognathus multimaculatus* Smith, 1955/ SR/ KS; Lin et al., 1994.
- Meiacanthus atrodorsalis* (Günther, 1877)/ SR/ PT, NS; Chen et al., 1997.
- Meiacanthus grammistes* (Valenciennes, 1836)/ SR/ PT, TS, NS; Chen et al., 1997.
- Omobranchus elongatus* (Peters, 1855)/ SR/ PT; Shen, 1984b.
- Omobranchus fasciolatoceps* (Richardson, 1846)/ SR/ PT.
- Petroscirtes breviceps* (Valenciennes, 1836)/ SR/ PT.
- Petroscirtes mitratus* Rüppell, 1830/ SR/ PT, TS; Chen et al., 1995.
- Plagiotremus laudandus laudandus* (Whitley, 1961)/ SR/ NS; Chen et al., 1997.
- Plagiotremus rhinorhynchus* (Bleeker, 1852)/ SR/ PT, NS; Chen et al., 1997.
- Plagiotremus tapeinosoma* (Bleeker, 1857)/ SR/ PT, TS, NS; Chen et al., 1997.
- Praealticus bilineatus* (Peters, 1868)/ SR/ PT; s: *Praealticus margaritarius*.
- Praealticus striatus* Bath, 1992/ SR/ PT, SCS.
- +*Praealticus tanegasimae* (Jordan & Starks, 1906)/ SR/ PT; Shen et al., 1986.
- Salarias fasciatus* (Bloch, 1786)/ SR/ PT, TS, NS, SCS; Chen et al., 1997.
- Salarias guttatus* Valenciennes, 1836/ SR/ TS, NS; Chen et al., 1997.
- Stanulus seychellensis* Smith, 1959/ SR/ PT.
- Xiphasia setifer* Swainson, 1839/ SR/ PT.
- Clinidae**
- Springeratus xanthosoma* (Bleeker, 1857)/ SR/ PT.
- Chaenopsidae**
- Neoclinus nudus* Stephens & Springer, 1971/ SR/ PT.
- Gobiesocidae**
- Aspasma minima* (Doderlein, 1887)/ CS/ PT.
- Discotrema crinophila* Briggs, 1976/ CS/ PT, NS; Chen et al., 1997.
- Lepadichthys frenatus* Waite, 1904/ CS/ PT; s: *Aspasma misaki*.
- Callionymidae**
- Bathycallionymus kaianus* (Günther, 1880)/ DCS/ PT; s: *Callionymus kaianus*.
- Callionymus altipinnis* Fricke, 1981/ CS/ PT.
- Callionymus curvicornis* Valenciennes, 1837/ CS/ PT; s: *Repomucenus curvicornis*, *Callionymus richardsoni*.
- Callionymus doryssus* (Jordan & Fowler, 1903)/ CS/ PT.
- Callionymus filamentosus* Valenciennes, 1837; CS.
- Callionymus formosanus* Fricke, 1981/ CS/ PT.
- Callionymus japonicus* Houttuyn, 1782/ CS/ PT; s: *Calliurichthys japonicus*.
- Callionymus martinae* Fricke, 1981/ CS/ KS.
- Callionymus meridionalis* Suwardji, 1965/ CS/ KS.
- +*Callionymus planus* Ochiai, 1955/ CS/ KS, PT.
- Callionymus scabriceps* Fowler, 1941/ CS/ KS; s: *Calliurichthys scabriceps*.
- **Eleutherochir opercularis* (Valenciennes, 1837)/ CS/ PT; NTMP, 1444 (PT).
- +*Foetorepus masudai* Nakabo, 1987/ CS/ PT; s: *Synchiropus masudai*.
- +*Repomucenus huguenini* (Bleeker, 1858-59)/ CS/ PT; m: *Calliurichthys doryssus*.
- +*Repomucenus lunatus* (Temminck & Schlegel, 1845)/ CS/ PT; s: *Calliurichthys lunatus*.
- Synchiropus altivelis* (Temminck & Schlegel, 1845)/ DCS/ PT.
- **Synchiropus morrisoni* Schultz, 1960/ CS/ PT; NMMBP 3472 (Hsiao-liu-chiou).
- Synchiropus ocellatus* (Pallas, 1770)/ CS/ KS, PT, TS; Chen et al., 1997.
- Eleotridae**
- Bostrychus sinensis* Lacepède, 1801/ CS/ PT.
- Butis amboinensis* (Bleeker, 1853)/ CS/ PT; Kuo & Shao, 1999.
- Butis gymnopomus* (Bleeker, 1853)/ CS/ PT.
- Butis koilomatodon* (Bleeker, 1849)/ CS/ PT.
- Butis melanostigma* (Bleeker, 1849)/ CS/ PT; m: *Butis gymnopomus*.
- Calumia godeffroyi* (Günther, 1877)/ CS/ NS; Chen et al., 1997.
- Eleotris acanthopoma* Bleeker, 1853/ CS/ KS, PT.
- Eleotris fusca* (Forster, 1801)/ CS/ KS, PT; Shen, 1984a.
- Eleotris melanosoma* Bleeker, 1852/ CS/ KS, PT.
- Ophiocara porocephala* (Valenciennes, 1837)/ CS/ PT.
- Xenisthmidae**
- Xenisthmus polyzonatus* (Klunzinger, 1871)/ CS/ TS, NS; Chen et al., 1997.
- Gobiidae**
- Acentrogobius caninus* (Valenciennes, 1837)/ CS/ KS, PT; Kuo & Shao, 1999; s: *Yongleichthys caninus*.
- +*Acentrogobius chlorostigmatoides* (Bleeker, 1849)/ CS/ KS; Chen et al., 1996; s: *Amoy chlorostigmatoides*, *Creisson chlorostigmatoides*.

- **Acentrogobius janthinopterus* (Bleeker, 1852)/ CS/ PT; ASIZP 60716 (PT).
- Acentrogobius pflaumii* (Bleeker, 1853)/ CS/ KS; Chen & Fang, 1999; s: *Amoya pflaumi*.
- Acentrogobius viganensis* (Steindachner, 1893)/ CS/ KS.
- Amblychaeturichthys hexanema* (Bleeker, 1853)/ CS/ PT.
- Amblyeleotris bleekeri* Chen, Shao & Chen, 2007/ SR/ NS; Chen et al., 2007.
- Amblyeleotris fontanesii* (Bleeker, 1852)/ SR/ Chen et al., 1998.
- Amblyeleotris guttata* (Fowler, 1938)/ SR/ PT; Chen et al., 1998.
- Amblyeleotris periophthalma* (Bleeker, 1853)/ SR/ PT; Chen et al., 1998.
- Amblyeleotris randalli* Hoese & Steene, 1978/ SR/ NS; Chen et al., 1997.
- Amblyeleotris steinitzi* (Klausewitz, 1974)/ SR/ PT, NS; Chen et al., 1998.
- +*Amblyeleotris taipinensis* Chen, Shao & Chen., 2007/ SR/ NS; Chen et al, 2007.
- Amblyeleotris wheeleri* (Polunin & Lubbock, 1977)/ SR/ NS; Chen et al., 1998.
- Amblyeleotris yanoi* Aonuma & Yoshino, 1996/ SR/ PT; Chen et al., 1998.
- +*Amblygobius albimaculatus* (Rüppell, 1830)/ SR/ KS, PT.
- Amblygobius nocturnus* (Herre, 1945)/ SR/ PT; Chen et al., 1997.
- Amblygobius phalaena* (Valenciennes, 1837)/ SR/ PT, TS, NS; Chen et al., 1997.
- Apocryptodon madurensis* (Bleeker, 1849)/ CS/ KS.
- Asterropteryx semipunctata* Rüppell, 1830/ SR/ PT, TS; Chen et al., 1995.
- +*Asterropteryx spinosa* (Goren, 1981)/ SR/ PT; Chen et al., 1997.
- Austrolethops wardi* Whitley, 1935/ SR/ PT.
- Awaous melanocephalus* (Bleeker, 1849)/ CS/ PT; Chen & Fang, 1999.
- Barbuligobius boehlkei* Lachner & McKinney, 1974/ CS/ PT.
- +*Bathygobius coalitus* (Bennett, 1832)/ SR/ PT; Chen, 2004.
- Bathygobius cocosensis* (Bleeker, 1854)/ SR/ PT.
- Bathygobius cotticeps* (Steindachner, 1879)/ SR/ PT.
- *+*Bathygobius crassiceps* (Jordan & Seale., 1906)/ CS/ PT; USNM, 279689 (PT)
- Bathygobius cyclopterus* (Valenciennes, 1837)/ SR/ PT, SCS.
- Bathygobius fuscus* (Rüppell, 1830)/ SR/ KS, PT.
- +*Bathygobius padangensis* (Bleeker, 1851)/ CS/ PT; Chen, 2004.
- **Bryaninops loki* Larson, 1985/ SR/ PT; ASIZP 57302 (PT).
- Bryaninops natans* Larson, 1985/ SR/ PT; Shao et al., 1992.
- Bryaninops yongei* (Davis & Cohen, 1969)/ SR/ PT, TS; Chen et al., 1997.
- **Callogobius clitellus* McKinney & Lachner, 1978/ SR/ PT; NMMBP 3469 (PT).
- **Callogobius hasseltii* (Bleeker, 1851)/ SR/ PT; USNM 304465 (PT).
- +*Callogobius nigromarginatus* Chen & Shao, 2000/ CS/ PT; Chen & Shao, 2000.
- Callogobius okinawae* (Snyder, 1908)/ SR/ PT; Shao & Chen, 1993.
- Callogobius sclateri* (Steindachner, 1879)/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Callogobius sheni* Chen, Chen & Fang, 2006/ CS/ PT; Chen et al., 2006.
- Callogobius snelli* Koumans, 1953/ SR/ PT.
- +*Caragobius urolepis* (Bleeker, 1852)/ CS/ PT.
- Chaeturichthys stigmatias* Richardson, 1844/ CS/ PT; Yamada et al., 1995.
- +*Fusigobius duospilus* Hoese & Reader, 1985/ SR/ TS, NS; Chen et al., 1997.
- +*Coryphopterus humeralis* Randall, 2001/ SR/ PT; Randall, 2001.
- Cryptocentrus albidorsus* (Yanagisawa, 1978)/ SR/ PT; Shao et al., 1987.
- +*Cryptocentrus cryptocentrus* (Valenciennes, 1837)/ SR/ PT.
- Cryptocentrus nigrocellatus* (Yanagisawa, 1978)/ SR/ PT.
- Cryptocentrus strigilliceps* (Jordan & Seale, 1906)/ SR/ PT.
- Ctenogobiops aurocingulus* (Herre, 1935)/ SR/ PT.
- +*Ctenogobiops feroculus* Lubbock & Polunin, 1977/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Ctenogobiops formosa* Randall, Shao & Chen, 2003/ SR/ PT; Randall et al., 2003.
- Ctenogobiops tangaroai* Lubbock & Polunin, 1977/ SR/ NS; Chen et al., 1997.
- +*Ctenogobius mitodes* Randall, Shao & Chen, 2007/ SR/ TS; Randall et al., 2007; m: *Ctenogobiops pomasticus*.
- +*Ctenotrypauchen microcephalus* (Bleeker, 1860)/ CS/ KS, PT; s: *Trypauchen microcephalus*.
- Eviota abax* (Jordan & Snyder, 1901)/ SR/ PT.
- Eviota afelei* Jordan & Seale, 1906/ SR/ PT, TS; Chen et al., 1995.
- Eviota albolineata* Jewett & Lachner, 1983/ SR/ PT; Myers, 1991.
- Eviota cometa* Jewett & Lachner, 1983/ SR/ TS; Chen et al., 1997.
- Eviota latifasciata* Jewett & Lachner, 1983/ SR/ TS; Chen et al., 1995.
- Eviota melasma* Lachner & Karnella, 1980/ SR/ TS; Shao et al., 1992.
- Eviota pellucida* Larson, 1976/ SR/ NS; Chen et al., 1997.
- Eviota prasites* Jordan & Seale, 1906/ SR/ TS, NS; Chen et al., 1997.
- Eviota queenslandica* Whitley, 1932/ SR/ PT, TS, NS; Chen et al., 1997.
- Eviota saipanensis* Fowler, 1945/ SR/ PT; Chen et al., 1997.
- Eviota sebreei* Jordan & Seale, 1906/ SR/ PT, TS, NS; Chen et al., 1997.
- Eviota sigillata* Jewett & Lachner, 1983/ SR/ TS; Chen et al., 1995.
- Exyrias puntang* (Bleeker, 1851)/ SR/ KS, PT.
- Favonigobius reichiei* (Bleeker, 1853)/ CS/ PT; Chen & Fang, 1999.
- +*Flabelligobius smithi* Chen & Fang, 2003/ CS/ PT; Chen & Fang, 2003.
- Fusigobius duospilus* Hoese & Reader, 1985/ SR/ PT, TS, NS; Chen et al., 1997.
- +*Fusigobius humeralis* (Randall, 2001)/ CS/ PT; Randall, 2001; s: *Coryphopterus humeralis*.
- *+*Fusigobius inframaculatus* (Randall, 1994)/ CS/ PT; NMMBP, 2496 (PT).
- Fusigobius longispinus* Goren, 1978/ SR/ PT, NS; Chen et al., 1997.
- Fusigobius neophytus* (Günther, 1877)/ SR/ PT, TS, NS; Chen et al., 1997.
- Fusigobius signipinnis* Hoese & Obika, 1988/ SR/ NS; Chen et al., 1997.
- Glossogobius aureus* Akihito & Meguro, 1975/ CS/ KS, PT; Chen & Fang, 1999.
- Glossogobius bicirrhosus* (Weber, 1894)/ CS/ PT.
- **Glossogobius celebensis* (Valenciennes, 1837)/ CS/ PT; NMMBP, 2053 (PT).
- Glossogobius circumspectus* (Macleay, 1883)/ CS/ KS, PT.

- Glossogobius giuris* (Hamilton, 1822)/ CS/ KS, PT; Chen & Fang, 1999.
- Glossogobius olivaceus* (Temminck & Schlegel, 1845)/ CS/ PT; m: *Glossogobius giuris brunneus*.
- Gnatholepis anjerensis* (Bleeker, 1851)/ SR/ PT; s: *Gnatholepis knighti*.
- Gnatholepis cauerensis cauerensis* (Bleeker, 1853)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Gnatholepis scapulostigma*.
- Gnatholepis davaoensis* Seale, 1910/ SR/ PT; Randall & Greenfield, 2001.
- Gobiodon citrinus* (Rüppell, 1838)/ SR/ PT, TS, NS; Chen et al., 1997.
- Gobiodon multilineatus* Wu, 1979/ SR/ PT, TS; Chen et al., 1995.
- Gobiodon oculolineatus* Wu, 1979/ SR/ PT Chen et al., 1995.
- Gobiodon okinawae* Sawada, Arai & Abe, 1972/ SR/ Chen et al., 1995.
- Gobiodon quinquestrigatus* (Valenciennes, 1837)/ SR/ KS, PT; Chen, 1960; m: *Gobius quinquestrigatus*.
- Gobiopsis arenaria* (Snyder, 1908)/ CS/ PT, SCS; s: *Pipidonia arenarius*.
- Hazeus otakii* Jordan & Snyder, 1901/ CS/ KS.
- Istigobius campbelli* (Jordan & Snyder, 1901)/ CS/ PT; s: *Acentrogobius campbelli*.
- Istigobius decoratus* (Herre, 1927)/ CS/ PT; Shao et al., 1994.
- Istigobius goldmanni* (Bleeker, 1852)/ SR/ PT; Chen, 2004.
- Istigobius ornatus* (Rüppell, 1830)/ SR/ KS, PT; s: *Gobius ornatus*, *Acentrogobius ornatus*.
- Istigobius rigilius* (Herre, 1953)/ SR/ TS, NS; Chen et al., 1997.
- **Koumansetta hectori* (Smith, 1957)/ SR/ PT; NMMBP 9033 (PT); s: *Amblygobius hectori*.
- Koumansetta rainfordi* (Whitley, 1940)/ SR/ NS; Chen et al., 1997; s: *Amblygobius rainfordi*.
- Leucopsarion petersii* Hilgendorf, 1880/ CS/ TS; Chen et al., 1995.
- Lotilia graciliosa* Klauswitz, 1960/ SR/ PT; Chen et al., 1997.
- *+*Luposicya lupus* Smith, 1959/ SR/ PT; ASIZP 56487 (PT).
- Mahidolia mystacina* (Valenciennes, 1837)/ CS/ KS; Chen et al., 1997.
- Mugilogobius cavifrons* (Weber, 1909)/ CS/ KS, PT.
- +*Myersina filifer* (Valenciennes, 1837)/ CS/ KS, PT; s: *Cryptocentrus filifer*.
- +*Myersina yangii* (Chen, 1960)/ CS/ PT; Chen & Fang, 1999; s: *Cryptocentrus yangii*.
- Oligolepis acutipennis* (Valenciennes, 1837)/ CS/ PT.
- Oligolepis stomias* (Smith, 1941)/ CS/ PT; Chen et al., 1996.
- **Oplopomus oplopomus* (Valenciennes, 1837)/ SR/ PT; ASIZP 58316 (PT).
- ^+*Oxyurichthys cornutus* McCulloch & Waite, 1918/ SR/ PT; ASIZP 55557 (PT).
- +*Oxyurichthys formosanus* Nichols, 1958/ CS/ KS.
- Oxyurichthys microlepis* (Bleeker, 1849)/ SR/ KS; Pezold, 1998.
- Oxyurichthys papuensis* (Valenciennes, 1837)/ CS/ PT.
- Oxyurichthys visayanus* Herre, 1927/ CS/ PT; Chen & Fang, 1999.
- Parachaeturichthys polynema* (Bleeker, 1853)/ CS/ PT.
- **Paragobiodon lacunicolus* (Kendall & Goldsborough, 1911)/ CS/ PT; ASIZP 60584 (PT).
- Paragobiodon xanthosoma* (Bleeker, 1852)/ SR/ PT; Shao & Chen, 1993.
- Periophthalmus modestus* Cantor, 1842/ CS/ PT, TS; Chen et al., 1995; m: *Periophthalmus cantonensis*.
- Pleurosicya bilobata* (Koumans, 1941)/ SR/ TS; Chen et al., 1995.
- Pleurosicya mossambica* Smith, 1959/ SR/ PT; Shao & Chen, 1993.
- Priolepis cincta* (Regan, 1908)/ SR/ PT, TS; Chen et al., 1995; s: *Priolepis naraharae*. m: *Quisquilius eugenius*.
- Priolepis fallacincta* Winterbottom & Burridge, 1992/ SR/ PT; Winterbottom & Burridge, 1992.
- Priolepis inhaca* (Smith, 1949)/ SR/ TS; Chen et al., 1995.
- Priolepis kappa* Winterbottom & Burridge, 1993/ SR/ PT; Winterbottom & Burridge, 1993.
- Priolepis latifascima* Winterbottom & Burridge, 1993/ SR/ PT; Winterbottom & Burridge, 1993.
- Priolepis semidoliata* (Valenciennes, 1837)/ SR/ PT.
- Pseudogobius javanicus* (Bleeker, 1856)/ SR/ PT; Shao & Chen, 1993; s: *Gobius javanicus*.
- +*Sicyopterus japonicus* (Tanaka, 1909)/ CS/ KS, PT.
- +*Sicyopterus macrostetholepis* (Bleeker, 1853)/ CS/ PT; Chen & Fang, 1999.
- +*Stenogobius ophthalmoporus* (Bleeker, 1853)/ CS/ PT.
- Taenioides cirratus* (Blyth, 1860)/ CS/ PT.
- ^+*Taenioides limicola* Smith, 1964/ CS/ PT; ASIZP 56110 (PT).
- Tridentiger barbatus* (Günther, 1861)/ CS/ KS; Lin et al., 1994.
- +*Trimma annosum* Winterbottom, 2003/ SR/ PT; Winterbottom, 2003.
- Trimma emeryi* Winterbottom, 1985/ SR/ TS; Chen et al., 1997.
- +*Trimma fangi* Winterbottom & Chen, 2004/ SR/ SCS; Winterbottom & Chen, 2004.
- Trimma macrophthalma* (Tomiyama, 1936)/ SR/ PT, TS; Chen et al., 1995.
- Trimma okinawae* (Aoyagi, 1949)/ SR/ PT, NS; Chen et al., 1997.
- **Trimma tevegae* Cohen & Davis, 1969/ SR/ PT; NMMSTP 0165 (PT).
- Trimmatom macropodus* Winterbottom, 1989/ SR/ PT; Winterbottom, 1989.
- Valenciennea helsdingenii* (Bleeker, 1858)/ SR/ PT.
- Valenciennea puellaris* (Tomiyama, 1956)/ SR/ PT, NS; Chen et al., 1997.
- Valenciennea sexguttata* (Valenciennes, 1837)/ SR/ PT, NS; Chen et al., 1997.
- Valenciennea strigata* (Broussonet, 1782)/ SR/ PT, NS; Chen et al., 1997.
- **Vanderhorstia ambanoro* (Fourmanoir, 1957)/ SR/ PT; ASIZP 58317 (PT).
- *+*Vanderhorstia ornatissima* Smith, 1959/ SR/ PT; ASIZP 60573 (PT).
- Yongeichthys nebulosus* (Forsskål, 1775)/ CS/ PT; Kuo & Shao, 1999; s: *Yongeichthys criniger*.

Ptereleotridae

- **Nemateleotris decora* Randall & Allen, 1973/ SR/ PT; Underwater photograph.
- Nemateleotris magnifica* Fowler, 1938/ SR/ PT.
- Parioglossus formosus* (Smith, 1931)/ SR/ PT; Chen et al., 1997.
- Parioglossus taeniatus* Regan, 1912/ SR/ PT.
- Ptereleotris evides* (Jordan & Hubbs, 1925)/ SR/ PT, NS; Chen et al., 1997.
- Ptereleotris heteroptera* (Bleeker, 1855)/ SR/ PT NS; Chen et al., 1997.
- Ptereleotris microlepis* (Bleeker, 1856)/ SR/ PT.

Ptereleotris monoptera Randall & Hoese, 1985/ SR/ PT; Randall & Hoese, 1985.

Ptereleotris zebra (Fowler, 1938)/ SR/ PT, NS; Chen et al., 1997.

Ephippidae

Ephippus orbis (Bloch, 1787)/ CS/ KS, PT; s: *Ilarches orbis*.

Platax orbicularis (Forsskål, 1775)/ CS/ KS, PT.

Platax pinnatus (Linnaeus, 1758)/ CS/ PT; Shao et al., 1994.

Platax teira (Forsskål, 1775)/ CS/ PT; m: *Platax orbicularis*.

Scatophagidae

Scatophagus argus (Linnaeus, 1766)/ CS/ KS, PT; Shao et al., 1994.

Siganidae

Siganus argenteus (Quoy & Gaimard, 1825)/ SR/ PT, TS, NS; Chen et al., 1997; s: *Siganus rostratus*.

Siganus canaliculatus (Park, 1797)/ SR/ KS, PT; s: *Siganus oramin*.

Siganus fuscescens (Houttuyn, 1782)/ SR/ KS, PT; s: *Teuthis fuscescens*.

Siganus guttatus (Bloch, 1787)/ SR/ KS, PT.

Siganus javus (Linnaeus, 1766)/ SR/ KS.

Siganus puellus (Schlegel, 1852)/ SR/ PT, TS; Chen et al., 1995.

Siganus punctatissimus Fowler & Bean, 1929/ SR/ TS; Chen et al., 1995.

Siganus punctatus (Schneider & Forster, 1801)/ SR/ KS, PT, TS; m: *Siganus chrysoopilus*.

Siganus spinus (Linnaeus, 1758)/ SR/ KS, PT, NS; Chen et al., 1997.

Siganus unimaculatus (Evermann & Seale, 1907)/ SR/ KS, PT, NS; Chen et al., 1997; m: *Siganus vulpinus*.

Siganus virgatus (Valenciennes, 1835)/ SR/ PT, TS; Chen et al., 1995.

Zanclidae

Zanclus cornutus (Linnaeus, 1758)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Acanthuridae

Acanthurus bariene Lesson, 1831/ SR/ KS, PT, TS; Chen et al., 1995.

Acanthurus dussumieri Valenciennes, 1835/ SR/ KS, PT, TS, NS; Chen et al., 1997; m: *Acanthurus bariene*.s: *Teuthis dussumieri*.

Acanthurus guttatus Forster, 1801/ SR/ PT; Shen et al., 1986.

Acanthurus japonicus (Schmidt, 1931)/ SR/ PT, TS, NS; Chen et al., 1997.

Acanthurus lineatus (Linnaeus, 1758)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Acanthurus maculiceps (Ahl, 1923)/ SR/ PT, TS; Chen et al., 1995.

Acanthurus mata (Cuvier, 1829)/ SR/ KS, PT, NS; Chen et al., 1997.

Acanthurus nigricans (Linnaeus, 1758)/ SR/ KS, PT; m: *Acanthurus melanopterus*.

Acanthurus nigricauda Duncker & Mohr, 1929/ SR/ PT; m: *Acanthurus gahhm*.

Acanthurus nigrofuscus (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997.

Acanthurus olivaceus Bloch & Schneider, 1801/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Teuthis olivaceus*.

Acanthurus pyroferus Kittlitz, 1834/ SR/ PT, NS; Chen et al., 1997; m: *Acanthurus chronixis*.

Acanthurus thompsoni (Fowler, 1923)/ SR/ TS, NS; Chen et al., 1997.

Acanthurus triostegus (Linnaeus, 1758)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Teuthis triostegus*.

Acanthurus xanthopterus Valenciennes, 1835/ SR/ PT, TS, NS; Chen et al., 1997; s: *Acanthurus reticulatus*, *Ctenochaetus reticulatus*.

Ctenochaetus binotatus Randall, 1955/ SR/ PT, TS, NS; Chen et al., 1997.

Ctenochaetus striatus (Quoy & Gaimard, 1825)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Naso annulatus (Quoy & Gaimard, 1825)/ SR/ KS, PT.

Naso brachycentron (Valenciennes, 1835)/ SR/ PT.

Naso brevirostris (Cuvier, 1829)/ SR/ PT, TS, NS; Chen et al., 1997.

**Naso fageni* Morrow, 1954/ SR/ PT; NMMBP, 2374 (PT).

Naso hexacanthus (Bleeker, 1855)/ SR/ PT.

Naso lituratus (Forster, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Naso lopezi Herre, 1927/ SR/ PT.

**Naso maculatus* Randall & Struhsaker, 1981/ SR/ KS, PT; NMMBP, 2386 (PT).

Naso minor (Smith, 1966)/ SR/ PT.

+*Naso reticulatus* Randall, 2001/ SR/ PT; Randall, 2001.

Naso thynnoides (Cuvier, 1829)/ SR/ PT.

+*Naso tonganus* (Valenciennes, 1835)/ SR/ PT; Shao et al., 1994; m: *Naso tuberosus*.

Naso unicornis (Forsskål, 1775)/ SR/ PT, TS, NS; Chen et al., 1997.

Naso vlamingii (Valenciennes, 1835)/ SR/ PT, NS; Chen et al., 1997.

Paracanthurus hepatus (Linnaeus, 1766)/ SR/ PT.

Prionurus scalprum Valenciennes, 1835/ SR/ KS, PT; Shen & Lim, 1973; s: *Xesurus scalprum*.

Zebrasoma flavescens (Bennett, 1828)/ SR/ KS, PT.

Zebrasoma scopas (Cuvier, 1829)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Zebrasoma veliferum (Bloch, 1795)/ SR/ PT, TS, NS; Chen et al., 1997.

Sphyraenidae

Sphyraena acutipinnis Day, 1876/ SR/ PT.

Sphyraena barracuda (Edwards, 1771)/ SR/ PT.

Sphyraena flavicauda Rüppell, 1838/ SR/ KS, PT; m: *Sphyraena forsteri*, *S. langsar*.

Sphyraena forsteri Cuvier, 1829/ SR/ KS, PT.

Sphyraena japonica Bloch & Schneider, 1801/ SR/ KS, PT.

Sphyraena jello Cuvier, 1829/ SR/ PT.

Sphyraena obtusata Cuvier, 1829/ SR/ KS, PT; Shen, 1984b.

Sphyraena pinguis Günther, 1874/ SR/ KS; Shao et al., 1994.

Sphyraena putnamae Jordan & Seale, 1905/ SR/ PT.

Gempylidae

Gempylus serpens Cuvier, 1829/ DCS/ PT; s: *Gempylus notha*.

+*Lepidocybium flavobrunneum* (Smith, 1843)/ DCS/ PT.

*+*Nealotus tripes* Johnson, 1865/ DCS/ PT; ASIZP uncat.(PT).

+*Neopinnula orientalis* (Gilchrist & von Bonde, 1924)/ DCS/ PT.

+*Promethichthys prometheus* (Cuvier, 1832)/ DCS/ PT.

Rexea prometheoides (Bleeker, 1856)/ DCS/ KS, PT.

Ruvettus pretiosus Cocco, 1833/ DCS/ KS.

Thyrsoideus marleyi Fowler, 1929/ DCS/ PT.

Trichiuridae

**Benthodesmus tenuis* (Günther, 1877)/ DCS/ PT, TS; ASIZP 57478 (PT).

Tentoriceps cristatus (Klunzinger, 1884)/ CS/ PT.

Trichiurus japonicus Temminck & Schlegel, 1844/ P/ KS.

Trichiurus lepturus Linnaeus, 1758/ P/ KS, PT; s: *Trichiurus haumela*.

Scombridae

- Acanthocybium solandri* (Cuvier, 1832)/ P/ PT.
Auxis rochei rochei (Risso, 1810)/ P/ KS; m: *Euthynnus affinis*.
Auxis thazard thazard (Lacepède, 1800)/ P/ PT; s: *Auxis tapeinosoma*.
Euthynnus affinis (Cantor, 1849)/ P/ PT; s: *Gymnosarda all&errata*.
Gymnosarda unicolor (Rüppell, 1836)/ P/ PT.
Rastrelliger faughni Matsui, 1967/ P/ KS, PT.
Rastrelliger kanagurta (Cuvier, 1816)/ P/ KS, SCS; s: *Rastrelliger chrysozonus*, *Scomber microlepidotus*.
Scomber australasicus Cuvier, 1832/ P/ KS, PT.
Scomber japonicus Houttuyn, 1782/ P/ KS, PT.
Scomberomorus commerson (Lacepède, 1800)/ P/ KS; s: *Cybium commersoni*.
Scomberomorus guttatus (Bloch & Schneider, 1801)/ P/ KS, PT; s: *Scomberomorus kuhlii*.
Thunnus alalunga (Bonnaterre, 1788)/ P/ PT.
Thunnus albacares (Bonnaterre, 1788)/ P/ KS, PT, NS; Chen et al., 1997.
Thunnus obesus (Lowe, 1839)/ P/ KS, PT.
Thunnus tonggol (Bleeker, 1851)/ P/ PT.

Centrolophidae

- Hyperoglyphe japonica* (Doderlein, 1884)/ DCS/ NS; Chen et al., 1997
Psenopsis anomala (Temminck & Schlegel, 1844)/ CS/ KS, PT.

Nomeidae

- Cubiceps squamiceps* (Lloyd, 1909)/ DS/ KS, PT.
 ^**Cubiceps baxteri* McCulloch, 1923/ DS/ TS; ASIZP 57624 (TS).
 ^**Psenes maculatus* Lütken, 1880/ P/ TS, SCS; ASIZP 57200 (TS).
Psenes pellucidus Lütken, 1880/ P/ PT.

Ariommatidae

- Ariomma indica* (Day, 1871)/ CS/ PT; m: *Psenopsis anomala*.

Stromateidae

- Pampus argenteus* (Euphrasen, 1788)/ CS/ KS, PT.
Pampus chinensis (Euphrasen, 1788)/ CS/ PT.
Pampus echinogaster (Basilewsky, 1855)/ CS/ PT; Chen, 2004.

Caproidae

- Antigonia capros* Lowe, 1843/ DS/ KS, PT.
Antigonia rubescens (Günther, 1860)/ DS/ KS, PT.

Order Pleuronectiformes**Psettodidae**

- Psettodes erumei* (Bloch & Schneider, 1801)/ DCS/ KS, PT; Chen & Weng, 1965

Citharidae

- Citharoides macrolepidotus* Hubbs, 1915/ DS/ SCS; Masuda et al., 1984.
Lepidoblepharon ophthalmolepis Weber, 1913/ DS/ PT, TS; Chen & Weng, 1965

Paralichthyidae

- Pseudorhombus arsius* (Hamilton, 1822)/ CS/ KS, PT; Chen & Weng, 1965; m: *Pseudorhombus russellii*.
Pseudorhombus cinnamoneus (Temminck & Schlegel, 1846)/ DCS/ KS, PT; m: *Pseudorhombus neglectus*, *P. formosanus*, *Spinirhombus taiwanus*.
Pseudorhombus dupliciociellatus Regan, 1905/ DCS/ PT; Chen & Weng, 1965; s: *Pseudorhombus palad*.
Pseudorhombus elevatus Ogilby, 1912/ DCS/ KS, PT; Chen & Weng, 1965.

- Pseudorhombus levisquamis* (Oshima, 1927)/ CS/ KS, PT; Chen & Weng, 1965; s: *Spinirhombus levisquamis*.
Pseudorhombus neglectus Bleeker, 1865/ CS/ PT; Chen & Weng, 1965.
Pseudorhombus oligodon (Bleeker, 1854)/ CS/ KS, PT; Chen & Weng, 1965; m: *Pseudorhombus cinnamoneus*.
Pseudorhombus pentophthalmus Günther, 1862/ DCS/ KS, PT, SCS; s: *Pseudorhombus ocellifer*.
Pseudorhombus quinquecellatus Weber & de Beaufort, 1929/ DCS/ KS, PT; Chen & Weng, 1965.
Tarphops oligolepis (Bleeker, 1858–59)/ CS/ PT; Chen & Weng, 1965; s: *Spinirhombus oligolepis*.

Pleuronectidae

- Eopsetta grigorjewi* (Herzenstein, 1890)/ DCS/ PT; Chen & Weng, 1965; s: *Xystrius grigorjewi*.
Pleuronichthys cornutus (Temminck & Schlegel, 1846)/ DCS/ KS, PT; Chen & Weng, 1965.

Bothidae

- Arnoglossus aspilos* (Bleeker, 1851)/ DCS/ PT; Chen & Weng, 1965.
Arnoglossus japonicus Hubbs, 1915/ DCS/ KS, PT; Shen, 1983.
Arnoglossus macrolophus Alcock, 1889/ CS/ PT; Hensley & Amaoka, 2001.
Arnoglossus polyspilus (Günther, 1880)/ DCS/ KS, PT; Chen & Weng, 1965.
Arnoglossus tapeinosoma (Bleeker, 1865)/ CS/ PT.
Arnoglossus tenuis Günther, 1880/ CS/ PT.
 +*Asterorhombus cocosensis* (Bleeker, 1855)/ CS/ TS, NS; Chen et al., 1997; s: *Asterorhombus fijiensis*.
Bothus mancus (Broussonet, 1782)/ CS/ PT; Chen & Weng, 1965; s: *Pseudorhombus cinnamoneus*.
Bothus myriaster (Temminck & Schlegel, 1846)/ CS/ KS, PT; s: *Bothus ovalis*, *Platophrys myriaster*.
Bothus pantherinus (Rüppell, 1830)/ CS/ PT, TS, SCS; Chen et al., 1995.
Chascanopsetta lugubris lugubris Alcock, 1894/ DS/ PT, TS, SCS.
 +*Chascanopsetta prognatha* Norman, 1939/ DS/ PT; NMMSTP, 1635 (Tong-kang).
Crossorhombus azureus (Alcock, 1889)/ CS/ KS, PT; s: *Crossorhombus kanelonis*, *Engyrosopon kanelonis*.
 +*Crossorhombus howensis* Hensley & Randall, 1993/ CS/ PT; Hensley & Randall, 1993.
Crossorhombus kanekonis (Tanaka, 1918)/ CS/ KS, PT.
Crossorhombus kobensis (Jordan & Starks, 1906)/ CS/ PT, SCS.
Engyrosopon grandisquama (Temminck & Schlegel, 1846)/ CS/ KS, PT, SCS; s: *Scaeops orbicularis*.
Engyrosopon maldivensis (Regan, 1908)/ CS/ KS, PT; Amoka et al., 1993; m: *Engyrosopon filimanus*.
 +*Engyrosopon multiquama* Amaoka, 1963/ CS/ KS, PT.
Grammatobothus kremphi Chabanaud, 1929/ CS/ PT.
Japonolaeops dentatus Amaoka, 1969/ DS/ KS, PT.
Kamoharaia megastoma (Kamohara, 1936)/ DS/ PT; s: *Chascanops&ta megastoma*.
Laeops kitaharae (Smith & Pope, 1906)/ DS/ PT; m: *Laeops lanceolata*, *L. variegata*.
Laeops parviceps Günther, 1880/ DS/ PT; Chen & Weng, 1965.
Laeops tungkongensis Chen & Weng, 1965/ DS/ PT.
Neolaeops microphthalmus (von Bonde, 1922)/ DS/ PT; Chen & Weng, 1965.
 +*Parabothus kiensis* (Tanaka, 1918)/ DS/ PT;; m: *Parabothus chlorospilus*.
Parabothus taiwanensis Amaoka & Shen, 1993/ DCS/ PT; Amaoka & Shen, 1993.

Psettina gigantea Amaoka, 1963/ DCS/ KS, PT; m: *Psettina brevirectis*.

Psettina iijimae (Jordan & Starks, 1904)/ DCS/ KS, PT; m: *Psettina profunda*.

Psettina tozana Amaoka, 1963/ DCS/ KS, PT, NS; Chen et al., 1997.

Poecilopsettidae

Poecilopsetta natalensis Norman, 1931/ DS/ SCS.

Poecilopsetta plinthus (Jordan & Starks, 1904)/ DS/ PT; m: *Poecilopsetta megalepis*.

Poecilopsetta praelonga Alcock, 1894/ DS/ PT.

Samaridae

Plagiopsetta glossa Franz, 1910/ DCS/ PT.

Samaris cristatus Gray, 1831/ DCS/ KS, PT.

Samariscus filipectoralis Shen, 1982/ DCS/ KS, PT; m: *Samariscus inornatus*.

Samariscus latus Matsubara & Takamuki, 1951/ DCS/ PT.

Samariscus triocellatus Woods, 1960/ CS/ PT; Shao & Chen, 1988.

Soleidae

Aesopia cornuta Kaup, 1858/ DCS/ KS, PT; Chen & Weng, 1965.

+*Aseraggodes cheni* Randall & Senou, 2007/ DCS/ PT; Randall & Senou, 2007.

Aseraggodes kaianus (Günther, 1880)/ DCS/ KS; Shen & Lee, 1981.

Aseraggodes kobensis (Steindachner, 1896)/ DCS/ KS, PT; Shen & Lee, 1981.

+*Aseraggodes orientalis* Randall & Senou, 2007/ DCS/ PT; Randall & Senou, 2007.

Brachirus annularis Fowler, 1934/ DS/ PT, SCS; s: *Synaptura nebulosa*.

Brachirus orientalis (Bloch & Schneider, 1801)/ CS/ PT; s: *Synaptura orientalis*.

Liachirus melanospilus (Bleeker, 1854)/ DCS/ PT; m: *Aseraggodes melanospilus*, *Liachirus nitidus*.

Parachirus xenicus Matsubara & Ochiai, 1963/ CS/ PT.

Pardachirus pavoninus (Lacepède, 1802)/ CS/ KS.

*+*Synaptura marginata* Boulenger, 1900/ CS/ PT; ASIZP 55989 (PT).

Solea ovata Richardson, 1846/ CS/ KS.

Soleichthys heterorhinos (Bleeker, 1856)/ CS/ PT

+*Zebrias crossolepis* Zheng & Chang, 1965/ CS/ KS, PT.

Zebrias quagga (Kaup, 1858)/ CS/ KS, PT.

Zebrias zebra (Bloch, 1787)/ CS/ KS, PT; m: *Zebrias fasciatus*.

Cynoglossidae

Cynoglossus abbreviatus (Gray, 1834)/ CS/ PT; m: *Areliscus trigrammus*, *Cynoglossus trigrammus*.

Cynoglossus arel (Bloch & Schneider, 1801)/ CS/ KS, PT; s: *Cynoglossus macrolepidotus*.

Cynoglossus gracilis Günther, 1873/ CS/ PT.

Cynoglossus interruptus Günther, 1880/ DCS/ KS, PT.

Cynoglossus itinus (Snyder, 1909)/ CS/ KS.

Cynoglossus joyneri Günther, 1878/ CS/ KS, PT; s: *Areliscus tenuis*.

Cynoglossus kopsii (Bleeker, 1851)/ DCS/ KS, PT; s: *Cynoglossus kopsi*, *C.brachycephalus*.

Cynoglossus lida (Bleeker, 1851)/ CS/ KS, PT.

^**Cynoglossus nigropinnatus* Ochiai, 1963/ DS/ PT; ASIZP 65928 (Tong-Kang).

Cynoglossus puncticeps (Richardson, 1846)/ CS/ KS, PT.

Cynoglossus robustus Günther, 1873/ CS/ KS, PT.

Cynoglossus suyeni Fowler, 1934/ DS/ PT; Shen, 1983.

Paraplagusia bilineata (Bloch, 1787)/ CS/ KS, PT; Shen, 1983; s: *Paraplagusia formosana*.

Paraplagusia blochii (Bleeker, 1851)/ CS/ PT; Shen, 1983.

*+*Symphurus bathyspilus* Krabbenhoft & Munroe, 2003/ DS/ PT; ASIZP 67656 (Tong-Kang).

^*+*Symphurus hondoensis* Hubbs, 1915/ DS/ SCS; ASIZP 65678 (Tong-Kang).

Symphurus novemfasciatus Shen & Lin, 1984/ DS/ PT.

Symphurus orientalis (Bleeker, 1879)/ DS/ PT.

Symphurus strictus Gilbert, 1905/ DS/ KS, PT, TS, SCS.

Order Tetraodontiformes

Triacanthodidae

**Bathyphylax bombifrons* Myers, 1934/ DS/ TS; ASIZP 57251 (TS).

Halimochirurgus alcocki Weber, 1913/ DS/ PT, TS.

^*+*Halimochirurgus centriscooides* Alcock, 1899/ DS/ TS; ASIZP 58602 (TS).

^*+*Macrorhamphosodes uradoi* (Kamohara, 1933)/ DS/ TS; ASIZP 57254 (TS).

Paratriacanthodes retrospinis Fowler, 1934/ DS/ TS, SCS; Fowler, 1934.

Triacanthodes anomalus (Temminck & Schlegel, 1850)/ DS/ KS, PT.

Tydemania navigatoris Weber, 1913/ DS/ PT, TS, SCS.

Triacanthidae

Pseudotriacanthus strigilifer (Cantor, 1849)/ CS/ PT.

Triacanthus biaculeatus (Bloch, 1786)/ CS/ KS.

Balistidae

Abalistes stellaris (Bloch & Schneider, 1801)/ SR/ PT, NS; Chen et al., 1997.

Balistapus undulatus (Park, 1797)/ SR/ PT, TS, NS; Chen et al., 1997.

Balistoides conspicillum (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.

Balistoides viridescens (Bloch & Schneider, 1801)/ SR/ KS, PT, TS, NS; Chen et al., 1997.

Canthidermis maculata (Bloch, 1786)/ SR/ PT.

Melichthys vidua (Richardson, 1845)/ SR/ PT.

Odonus niger (Rüppell, 1836)/ SR/ PT, TS, NS; Chen et al., 1997.

Pseudobalistes fuscus (Bloch & Schneider, 1801)/ SR/ PT.

Rhinecanthus aculeatus (Linnaeus, 1758)/ SR/ PT, TS, NS; Chen et al., 1997.

Rhinecanthus rectangulus (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997; m: *Rhinecanthus echarpe*.

Rhinecanthus verrucosus (Linnaeus, 1758)/ SR/ PT, NS; Chen et al., 1997.

Sufflamen bursa (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.

Sufflamen chrysopterum (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.

Sufflamen fraenatum (Latreille, 1804)/ SR/ PT, TS, NS; Chen et al., 1997.

Xanthichthys auromarginatus (Bennett, 1832)/ SR/ NS; Chen et al., 1997.

Xanthichthys lineopunctatus (Hollard, 1854)/ SR/ PT.

Monacanthidae

Aluterus monoceros (Linnaeus, 1758)/ SR/ KS, PT.

Aluterus scriptus (Osbeck, 1765)/ SR/ PT.

Amanes scopas (Cuvier, 1829)/ SR/ PT.

Cantherhines dumerilii (Hollard, 1854)/ SR/ PT.

Cantherhines fronticinctus (Günther, 1867)/ SR/ PT.

Cantherhines pardalis (Rüppell, 1837)/ SR/ PT, NS; Chen et al., 1997.

Chaetodermis penicilligerus (Cuvier, 1816)/ SR/ PT.

Monacanthus chinensis (Osbeck, 1765)/ SR/ KS, PT, SCS.

Oxymonacanthus longirostris (Bloch & Schneider, 1801)/ SR/ PT.

- Paraluteres prionurus* (Bleeker, 1851)/ SR/ PT, NS; Chen et al., 1997.
- Paramonacanthus japonicus* (Tilesius, 1809)/ SR/ KS; Shen, 1988.
- Paramonacanthus sulcatus* (Hollard, 1854)/ SR/ KS, PT; s: *Stephanolepis sulcatus*. s: *Arotrolepis sulcatus*.
- Pervagor aspricaudus* (Hollard, 1854)/ SR/ PT.
- Pervagor janthinosa* (Bleeker, 1854)/ SR/ PT, NS; Chen et al., 1997.
- Pervagor melanocephalus* (Bleeker, 1853)/ SR/ PT; Shao et al., 1994.
- Stephanolepis cirrhifer* (Temminck & Schlegel, 1850)/ SR/ KS, PT.
- Thamnaconus hypargyreus* (Cope, 1871)/ SR/ PT.
- Thamnaconus modestoides* (Barnard, 1927)/ SR/ PT.
- +*Thamnaconus modestus* (Günther, 1877)/ SR/ KS; s: *Canthenrines modestus*
- Ostraciidae**
- Lactoria cornuta* (Linnaeus, 1758)/ SR/ KS, PT.
- Lactoria diaphana* (Bloch & Schneider, 1801)/ SR/ PT.
- Lactoria formasini* (Bianconi, 1846)/ SR/ KS, PT.
- Ostracion cubicus* Linnaeus, 1758/ SR/ PT, TS, NS; Chen et al., 1997.
- ^*+*Ostracion immaculatus* Temminck & Schlegel, 1850/ SR/ PT; ASIZP 56751 (PT).
- Ostracion meleagris* Shaw, 1796/ SR/ PT.
- Ostracion rhinorhynchus* Bleeker, 1852/ SR/ PT.
- Tetrosomus reipublicae* (Whitley, 1930)/ DR/ KS, PT; m: *Tetrosomus concatenatus*, *Lactophrys tritropis*, *L. stellifer*.
- Triodontidae**
- Triodon macropterus* Lesson, 1831/ DS/ KS, PT.
- Tetraodontidae**
- Arothron hispidus* (Linnaeus, 1758)/ SR/ KS, PT, TS, NS; Chen et al., 1997; s: *Takifugu hispidus*. m: *Tetraodon sazanam*.
- Arothron immaculatus* (Bloch & Schneider, 1801)/ SR/ PT; s: *Tetrodon immaculatus*.
- Arothron manilensis* (Marion de Procé, 1822)/ SR/ KS, PT, TS, Chen et al., 1995.
- Arothron meleagris* (Lacepède, 1798)/ SR/ PT; Shao et al., 1992.
- Arothron nigropunctatus* (Bloch & Schneider, 1801)/ SR/ PT, TS, NS; Chen et al., 1997.
- Arothron stellatus* (Bloch & Schneider, 1801)/ SR/ KS, NS; Chen et al., 1997; s: *Takifugu stellatus*, *Tetraodon stallatus*.
- Canthigaster amboinensis* (Bleeker, 1864)/ SR/ PT.
- Canthigaster bennetti* (Bleeker, 1854)/ SR/ PT NS; Chen et al., 1997.
- Canthigaster coronata* (Vaillant & Sauvage, 1875)/ SR/ PT NS; Chen et al., 1997.
- *+*Canthigaster epilampra* (Jenkins, 1903)/ SR/ PT; BPBM, 23450 (Nan-wan).
- Canthigaster janthinoptera* (Bleeker, 1855)/ SR/ PT, TS, NS; Chen et al., 1997.
- Canthigaster solandri* (Richardson, 1845)/ SR/ PT.
- Canthigaster valentini* (Bleeker, 1853)/ SR/ PT, TS, NS; Chen et al., 1997.
- Chelonodon patoca* (Hamilton, 1822)/ SR/ KS, PT.
- Lagocephalus gloveri* Abe & Tabeta, 1983/ SR/ PT; m: *Lagocephalus lunaris spadiceus*.
- Lagocephalus inermis* (Temminck & Schlegel, 1850)/ SR/ KS, PT.
- Lagocephalus lunaris* (Bloch & Schneider, 1801)/ SR/ KS, PT.
- Lagocephalus scleratus* (Gmelin, 1789)/ CS/ KS, PT; s: *Spheroides scleratus*, *Fugu scleratus*, *Pludranacanthus scleratus*.
- Lagocephalus wheeleri* Abe, Tabeta & Kitahama, 1984/ CS/ KS, PT.
- Spherooides pachygaster* (Müller & Troschel, 1848)/ DR/ TS; s: *Liosaccus pachygaster*.
- Takifugu niphobles* (Jordan & Snyder, 1901); CS; PT, SCS; s: *Fugu niphobles*, *Sphaeroides niphobles*. m: *Fugu ocellatus*.
- Takifugu oblongus* (Bloch, 1786)/ CS/ KS, PT; s: *Fugu oblongus*.
- +*Takifugu poecilonotus* (Temminck & Schlegel, 1850)/ CS/ TS; s: *Fugu poecilonotus*.
- ^*+*Torquigener brevipinnis* (Regan, 1903)/ CS/ KS, PT; ASIZP 54602 (PT).
- Torquigener hypselogeneion* (Bleeker, 1852)/ CS/ KS, PT; s: *Amblyrhynchotes hypselogeneion*.
- **Tylerius spinosissimus* (Regan, 1908)/ DCS/ PT; NTUM 6307 (Tong-kang).
- Diodontidae**
- Chilomycterus reticulatus* (Linnaeus, 1758)/ SR/ PT; Chen, 2004.
- Diodon eydouxi* Brisout de Barneville, 1846/ SR/ PT.
- Diodon holocanthus* Linnaeus, 1758/ SR/ KS, PT, NS; Chen et al., 1997.
- Diodon hystrix* Linnaeus, 1758/ SR/ PT, TS; Chen et al., 1995.
- Diodon liturosus* Shaw, 1804/ SR/ PT, TS; Chen et al., 1995.
- Molidae**
- Mola mola* (Linnaeus, 1758)/ P/ PT.

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