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The Fishes of the Red Sea—Reappraisal and Updated Checklist

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Abstract

A new and updated checklist of the fishes of the Red Sea is presented. A total of 1078 species belonging to154 families, 25 orders and two classes are listed. The number of species is considerably lower than that given in the last checklist (CLOFRES II, Goren and Dor, 1994) which included all records, "quotations" and distribution maps without distinguishing between substantiated and unsubstantiated records. In addition, an annotated list is provided for all those species that were recorded unjustifiably and were included in CLOFRES II and in subsequent publications.

Introduction

The ichthyofauna of the Red Sea has been of great importance for modern biological research. Being relatively close to Europe, the Red Sea and the marine animal life characteristic of that region and environment was the first tropical fauna to be studied in the "modern" scientific method.

The Swedish naturalist Peter Simon Forsskål participated in the first expedition to the Red Sea in 1761-1763. The scientists left Europe via Constantinople for northern Egypt, reaching the Red Sea one and a half year after its commencement. Unfortunately five out of the six scientists died during this ill-fated expedition. The only survivor, Carsten Niebuhr, published in 1775 a list of 151 species of them 122 from the Red Sea. Due to a variety of difficulties, including financial constraints as well as political instability, a large portion of the collection was lost; only 99 dry skin specimens survived the return journey and later mis-curation, representing 65 species, of which only 58 had been described by Forsskål himself (Klausewitz and Nielsen, 1965; Nielsen, 1993; Fricke, 2008; Goren, 2008).

At the turn of the 18th century, the French zoologist Étienne Geoffroy Saint-Hilaire conducted a scientific expedition that accompanied Napoleon during his campaign in the Near East during the years 1798-1801. The ichthyological results based on this modest collection of fish specimens from the eastern Mediterranean and the Red Sea were published only after almost two decades had passed (Geoffroy Saint-Hilaire, 1817).

German scientists took the lead in ichthyological research of the Red Sea in the beginning of the 19th century. During the years 1820-1826 the Zoological Museum of Berlin supported the participation of the zoologist Wilhelm Friedrich Hemprich and the botanist Christian Gottfried Ehrenberg in an expedition to Egypt. Hemprich and Ehrenberg collected many specimens of animals and plants, among them more than 500 fish species. The two naturalists travelled to various ports in the Red Sea and finally arrived in Eritrea. Their joint expedition was cut short in 1825 when Hemprich died quite suddenly of malarial fever (Vine and Schmid, 1987; Klausewitz, 2002). Ehrenberg returned to Berlin with the collected material; the fish specimens were given to the French ichthyologist Baron Georges Cuvier. Cuvier and his student Achille Valenciennes included this material with descriptions of 59 new species in their *Histoire naturelle des poisons* (Cuvier and Valenciennes, 1828-1849); Valenciennes followed in his mentor's footsteps, becoming a renowned zoologist and continuing Cuvier's work after his death in 1832 (Vine and Schmid, 1987).

Meanwhile during the years 1821-1831 the naturalist and explorer Wilhelm Eduard Rüppell conducted several expeditions in the same area of Egypt and the Red Sea for the Senckenberg Museum of Frankfurt am

Main. In his first publication based on the numerous collections of species from these expeditions, Rüppell described 161 fish species (Rüppell, 1828), while in his second book (Rüppell, 1835-1838) he described 164 fish species, of which close to 100 were new to science.

The first attempt to compile a list of all known fish species in the Red Sea was by the German ichthyologist C. B. Klunzinger who enumerated 501 species (Klunzinger, 1870-71; 1884). Klunzinger lived as a medical doctor in Al-Qusayr (Egypt) from 1864-1869 and 1872-1875, and collected numerous marine fish species for Stuttgart Natural History Museum (Fricke, 2005). In the 20th century, ichthyological research expanded by leaps and bounds; the consequential discovery of many new fish species necessitated the compilation of a new list of species. Klausewitz (1964a) published a reprint and revision of Klunzinger's lists and added another 101 species, bringing the total number of known Red Sea fish species to 602.

A rather abortive attempt to create a new comprehensive list of all Red Sea fish species was initiated in the 1950's by the ichthyologist and professor of the Hebrew University H. Steinitz. He turned to the leading ichthyologist of that time, Fowler, who held the widely accepted belief that there were no significant differences between Red Sea species and those of the rest of the Indian and Pacific Oceans and therefore Fowler described allegedly Red Sea species based mainly on specimens from the Philippines. Realizing the misconception of this approach, Steinitz ceased this initiative following the publication of the first volume by Fowler (1956).

Another attempt to compose a complete checklist of all Red Sea fishes was prepared by Botros in 1971. His list consists of close to 750 species. Unfortunately, his limited background in ichthyology prevented him from including taxonomic changes that had been accepted since the publication of Klunziger's synopsis. However, his publication presented quite accurately the history of scientific expeditions in the Red Sea.

A milestone in the compilation of an accurate and updated list of Red Sea fishes was reached in the publication by Dor (1984) of the *Checklist of the Fishes of the Red Sea* (CLOFRES). Dor included close to 1000 species. For each species, the citation of the original description and all synonyms for that species were presented. CLOFRES also included citations of publications where the Red Sea was mentioned as part of a species' distribution range.

A decade later, Goren and Dor (1994) published CLOFRES II as the updated list of Dor's (1984) original checklist. Nearly 250 species were added. The concept utilized in CLOFRES and CLOFRES II was inclusion of all records, "quotations" and distribution maps, without distinguishing between substantiated and doubtful records. This led to a considerable over-estimation of the number of fish species in the Red Sea. This exaggerated number has unfortunately been repeated in several consequent studies (Khalaf and Disi, 1997; Golani, 1999; Manilo and Bogorodsky, 2003; Khalaf, 2005; Kiflawi, et al., 2006; Abu El-Regal and Kon, 2008; Goren, 2008, etc.).

The main aim of the current paper is the present a new and authoritative checklist of all known fish species of the Red Sea, by the addition of species that were recorded since the publication of CLOFRES II and correcting the misidentifications in that publication, as well as updating the taxonomic status of other species by placing them in their proper genera. Furthermore, all those species that were unjustifiably in CLOFRES II have been excluded; remarks have been added regarding species that were erroneously recorded from the Red Sea in the 15 years since the publication of CLOFRES II in 1994.

Innovations and organization of the current list

In the current list herein presented, the order of families is arranged according to CLOFRES (Dor, 1984) and CLOFRES II (Goren and Dor, 1994) albeit without their numbering system. In many cases in the current list, we added further division by sub-families. Furthermore, within each family and sub-family, genera are arranged by alphabetical order.

Regarding species that did not appear in CLOFRES II, whether due to new records from the Red Sea or new identifications that replaced previous misidentifications, the citation of the original description is given, following citations documenting this species from the Red Sea. Species that appeared in CLOFRES II under a

different genus were designated by an asterisk (*), followed by their name. With few exceptions, the current list includes records that were published in scientific literature. In a few cases, the records of species were in processes of publication or in a very advanced stage toward publication; in addition, we included personal communication as evidence.

Following the main body of the checklist, we present an annotated list of species that appeared in CLOFRES II but which we excluded, including the reasons for their exclusion from the current list.

Fricke (2008) showed that the authorship of the species described in *Descriptiones animalium* that had been ascribed to Peter Forsskål requires a change of authorship. In the present study we followed Fricke (2008) in part, namely, we accepted that since Niebuhr published Forsskål's work posthumously, the correct authorship should be changed from Forsskål (1775) to Forsskål in Niebuhr (1775). We did not follow Fricke's (2008) suggestion to add Fabricius' name to the authorship in various publications. According to Fricke (2008), the said Johann Christian Fabricius, who served as Niebuhr's adviser, conducted most of the scientific work in the preparation of Niebuhr's manuscript; however, Fabricius' name never appeared as a coauthor of *Descriptiones animalium*.

Acronyms of the following instituations are used in this checklist: Australian Museum, Sydney (AMS); Bernice P. Bishop Museum, Honolulu (BPBM); The Hebrew University, Jerusalem (HUJ); P.P. Shirshov Institute of Oceanology, Academy of Sciences, Moscow, Russia (IORAS); Museum Victoria, Ichthyology, Melbourne, Victoria, Australia (NMVA); Museum and Art Gallery of the Nortern Territory, Darwin (NTMS); Royal Ontario Musum, Toronto (ROM); Prirodoslovni muzej Rijeka, Rijeka, Croatia (PMR); National Museum of Natural History, Washington D.C. (USNM)

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Species accounts

CHONDRICHTYES

LAMNIFORMES

ODONTASPIDIDAE

CARCHARIAS Rafinesque, 1810

1. *Carcharias taurus* Rafinesque, 1810*

LAMNIDAE

ISURUS Rafinesque, 1810

2. *Isurus oxyrinchus* Rafinesque, 1810

ALOPIIDAE

ALOPIAS Rafinesque, 1810

3. *Alopias pelagicus* Nakamura, 1935

ORECTOLOBIFORMES

GINGLYMOSTOMATIDAE

NEBRIUS Rüppell, 1837

4. *Nebrius ferrugineus* (Lesson, 1831)

STEGOSTOMATIDAE

STEGOSTOMA Müller & Henle, 1837

5. *Stegostoma fasciatum* (Hermann, 1783)

RHINCODONTIDAE

RHINCODON Smith, 1829

6. *Rhincodon typus* Smith, 1828

CARCHARHINIFORMES

CARCHARHINIDAE

CARCHARHINUS Blainville, 1816

7. *Carcharhinus albimarginatus* (Rüppell, 1837)
8. *Carcharhinus altimus* (Springer, 1950)
9. *Carcharhinus amblyrhynchos* (Bleeker, 1856): 467
   Natuurkd. Tijdschr. Neder. Indië 10 (as *Carcharias (Prionotus) amblyrhynchos*).
   Carcharhinus amblyrhynchos: Randall, 1995; Bonfil & Abdallah, 2004; Compagno *et al.*, 2005.
10. *Carcharhinus brevipinna* (Müller & Henle, 1839)
11. *Carcharhinus falciformis* (Müller & Henle, 1839)
12. *Carcharhinus limbatus* (Müller & Henle, 1839)
13. *Carcharhinus longimanus* (Poey, 1861)
14. *Carcharhinus melanopterus* (Quoy & Gaimard, 1824)
15. *Carcharhinus obscurus* (LeSueur, 1818): 223
    Acad. Nat. Sci. Phil. 1 (as *Squalus obscurus*)
    Carcharhinus obscurus: Baranes, pers. comm. Based on two specimens HUJ 17998 and HUJ 18000.
16. *Carcharhinus plumbeus* (Nardo, 1827)
17. *Carcharhinus sorrah* (Müller & Henle, 1839)
    GALEOCERDO Müller & Henle, 1837
18. *Galeocerdo cuvier* (Péron & Lesueur, 1822)

LOXODON Müller & Henle, 1838

19. *Loxodon macrorhinus* Müller & Henle, 1839

NEGAPRION Whitley, 1940

20. *Negaprion acutidens* (Rüppell, 1837)

RHIZOPRIONODON Whitley, 1929

21. *Rhizoprionodon acutus* (Rüppell, 1837)

TRIAENODON Müller & Henle, 1837

22. *Triaenodon obesus* (Rüppell, 1837)

TRIAKIDAE

IAGO Compagno & Springer, 1971

23. *Iago omanensis* (Norman, 1939)

MUSTELUS Linck, 1790

24. *Mustelus mosis* Hemprich & Ehrenberg, 1899

HEMIGALEIDAE

HEMIGALEUS Bleeker, 1852

25. *Hemigaleus microstoma* Bleeker, 1852: 46
Verh. Batav. Genootsch Kunst. Wet. 24
Hemigaleus microstoma: Bonfil & Abdallah, 2004; Compagno *et al.*, 2005

HEMIPRISTIS Agassiz, 1843

26. *Hemipristis elongata* (Klunzinger, 1871)

SPHYRNIDAE

SPHYRNA Rafinesque, 1810

27. *Sphyrna lewini* (Griffith & Smith, 1834)
28. *Sphyrna mokarran* (Rüppell, 1837)

PRISTIDAE

ANOXYPRISTIS White & Moy-Thomas, 1941

29. *Anoxypristis cuspidata* (Latham, 1794)*

PRISTIS Linck, 1790

30. *Pristis zijsron* Bleeker, 1851: 442
Natuurkd. Tijdschr. Neder. Indië v. 2
Pristis zijsron: Compagno *et al.*, 2005

TORPEDINIFORMES

NARCINIDAE

HETERONARCE Regan, 1921

31. *Heteronarce bentuviai* (Baranes & Randall, 1989)*

TORPEDINIDAE

TORPEDO Houttuyn, 1764

32. *Torpedo panthera* Olfers, 1831
33. *Torpedo sinuspersici* Olfers, 1831
34. *Torpedo suessii* Steindachner, 1898: 199
Anz. Akad. Wiss. Wien v. 35 (19)
Torpedo suessii: Carvalho *et al.* (2002)

RAJIFORMES

RHINOBATIDAE

RHINOBATINAE

GLAUCOSTEGUS Bonaparte, 1846

35. *Glaucostegus halavi* (Forsskål in Niebuhr, 1775)*

36. *Glaucostegus thouin* (Anonymous, 1798)*

RHINOBATOS Linck, 1790

37. *Rhinobatos punctifer* Compagno & Randall, 1987

RHYNCHOBATINAE

RHYNCHOBATUS Müller & Henle, 1837

38. *Rhynchobatus djiddensis* (Forsskål in Niebuhr, 1775)

RHININAE

RHINA Bloch & Schneider, 1801

39. *Rhina ancylostoma* Bloch & Schneider, 1801

DASYATIDAE

HIMANTURA Müller & Henle, 1837

40. *Himantura fai* Jordan & Seale, 1906: 184
Bull. Bureau of Fishes, 25
Himantura fai: Bonfil &Abdallah, 2004

41. *Himantura gerrardi* (Gray, 1851)

42. *Himantura imbricata* (Bloch & Schneider, 1801)

43. *Himantura uarnak* (Forsskål in Niebuhr, 1775)

NEOTRYGON Castelnau, 1873

44. *Neotrygon kuhlii* (Müller & Henle, 1841)*

PASTINACHUS Rüppell, 1829

45. *Pastinachus sephen* (Forsskål in Niebuhr, 1775)*

TAENIURA Müller & Henle, 1837

46. *Taeniura lymma* (Forsskål in Niebuhr, 1775)

47. *Taeniura meyeni* Müller & Henle, 1841: 172
System. Beschr. Plagiostomen
Taeniura meyeni: Last & Compagno, 1999; Bonfil & Abdallah, 2004

UROGYMNUS Müller & Henle, 1837

48. *Urogymnus asperrimus* (Bloch & Schneider, 1801): 367
Systema Ichthyol (as *Raja asperrima*)
Urogymnus asperrimus: Last & Compagno, 1999; Bonfil & Abdallah, 2004

GYMNURIDAE

GYMNURA van Hasselt, 1823

49. *Gymnura poecilura* (Shaw, 1804)

MYLIOBATIDAE

AETOBATUS Blainville, 1816

50. *Aetobatus narinari* (Euphrasen, 1790)

AETOMYLAEUS Garman, 1908

51. *Aetomylaeus milvus* (Müller & Henle, 1841)

MOBULIDAE

MANTA Bancroft, 1829

52. *Manta alfredi* (Krefft, 1868): 39
Illustrated Sydney News 5 (as *Ceratoptera alfredi*)
Manta alfredi: Marshall *et al*., 2009
53. *Manta birostris* (Walbaum, 1792): 535
Artedi genera piscium Pt. 3 (as *Raja birostris*)
Manta birostris: Bonfil & Abdallah, 2004; Marshall *et al*., 2009
MOBULA Rafinesque, 1810
54. *Mobula eregoodootenkee* (Bleeker, 1859): 1420
J. Asiatic Soc. Bengal 18 (as *Raja eregoodootenkee*)
Mobula eregoodootenkee: Bonfil & Abdallah, 2004
55. *Mobula tarapacana* (Philippi, 1892)
56. *Mobula thurstoni* (Lloyd, 1908): 179
Rec. Indian Mus. (Calcutta) v. 2 (pt2) (as *Dicerobatis thurstoni*)
Mobula thurstoni: Randall, 1994a

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ELOPIFORMES

ELOPIDAE

ELOPS Linnaeus, 1766
57. *Elops machnata* (Forsskål in Niebuhr, 1775)

MEGALOPIDAE

MEGALOPS Lacepède, 1803
58. *Megalops cyprinoides* (Broussonet, 1782)

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ALBULIDAE

ALBULA Scopoli, 1777
59. *Albula glossodonta* (Forsskål in Niebuhr, 1775): 68
Descr. Animalium (as *Argentina glossodonta*)
Albula glossodonta: Randall & Bauchot, 1999

ANGUILLIFORMES

MURAENIDAE

MURAENINAE
ECHIDNA Forster, 1788
60. *Echidna nebulosa* (Ahl, 1789)
61. *Echidna polyzona* (Richardson, 1845)
ENCHELYCORE Kaup, 1856
62. *Enchelycore bayeri* (Schultz, 1953): 124
Bull. U.S. Natl. Mus. No. 202, vol 1 (as *Gymnothorax bayeri*)
Enchelycore bayeri: Randall & Golani, 1995
63. *Enchelycore schismatorhynchus* (Bleeker, 1853)**:** 301
Natuurkd. Tijdschr Nederl. Indië 4
Enchelycore schismatorhynchus: Böhlke & Smith, 2002; Smith & Böhlke, 2006

GYMNOMURAENA Lacepède, 1803

64. *Gymnomuraena zebra* (Shaw, 1797)*

GYMNOTHORAX Bloch, 1795

65. *Gymnothorax angusticauda* (Weber & de Beaufort, 1916): 389
Fish. Indo-Aust. Arch. V.3. (as *Muraena (Priodonophis) angusticauda*)
Gymnothorax angusticauda: Randall & Golani, 1995

66. *Gymnothorax atolli* (Pietschmann, 1935): 93
Anz. Akad. Wiss. Wien 72 (as *Heteromyrus atolli*)
Gymnothorax atolli: Böhlke & McCosker, 2001

67. *Gymnothorax baranesi* Smith, Brokovich & Einbinder, 2008:63
Zootaxa 1678
Gymnothorax baranesi: Smith *et al.*, 2008

68. *Gymnothorax buroensis* (Bleeker, 1857)

69. *Gymnothorax elegans* Bliss, 1883

70. *Gymnothorax favagineus* Bloch & Schneider, 1801: 525
Systema Ichthyol.
Gymnothorax favagineus: Randall, 1994a; Randall & Golani, 1995

71. *Gymnothorax flavimarginatus* (Rüppell, 1830)

72. *Gymnothorax griseus* (Lacepède, 1803)*

73. *Gymnothorax hepaticus* (Rüppell, 1830)

74. *Gymnothorax javanicus* (Bleeker, 1859)

75. *Gymnothorax johnsoni* (Smith, 1962): 438
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. No. 23 (as *Lycondontis johnsoni*)
Gymnothorax johnsoni: Baranes & Golani, 1993; Randall & Golani, 1995; Khalaf & Disi, 1997; Khalaf, 2004

76. *Gymnothorax moluccensis* (Bleeker, 1864): 48
Neder. Tijdschr. Dierk.v.2 (as *Priodonophis moluccensis*)
Gymnothorax moluccensis: Randall & Golani, 1995

77. *Gymnothorax nudivomer* (Günther, 1867)

78. *Gymnothorax pictus* (Ahl, 1789)*

79. *Gymnothorax pindae* Smith, 1962: 430
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. No. 23
Gymnothorax pindae: Randall & Golani, 1995

80. *Gymnothorax pseudoherrei* Böhlke, 2000: 408
Pacific Sci. 54(4)
Gymnothorax pseudoherrei: Böhlke, 2000

81. *Gymnothorax punctatus* Bloch & Schneider, 1801

82. *Gymnothorax randalli* Smith & Böhlke, 1997: 185
Proc. Acad. Nat. Sci. Philadelphia, 148
Gymnothorax randalli: Smith & Böhlke, 1997

83. *Gymnothorax reticularis* Bloch, 1795: 85
Naturg. Ausl. Fische 9
Gymnothorax reticularis: Randall & Golani, 1995

84. *Gymnothorax rueppellii* (McClelland, 1844)

85. *Gymnothorax undulatus* (Lacepède, 1803)

MURAENA Linnaeus, 1758

86. *Muraena helena* Linnaeus, 1758: 244
Syst. Nat. Ed. X.
Muraena helena: Randall & Golani, 1995

STROPHIDON McClelland, 1844

87. *Strophidon sathete* (Hamilton, 1822): 17
Fishes Ganges. (as *Muraenophis sathete*)
Strophidon sathete: Randall & Golani, 1995; Böhlke, 1997

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UROPTERYGIUS Rüppell, 1838

88. *Uropterygius concolor* Rüppell, 1838
89. *Uropterygius genie* Randall & Golani, 1995: 872
Bull. Mar. Sci. 56.
Uropterygius genie: Randall & Golani, 1995
90. *Uropterygius golanii* McCosker & Smith, 1997: 1011
Bull. Mar. Sci. 60.
Uropterygius golanii: McCosker & Smith, 1997
91. *Uropterygius macrocephalus* (Bleeker, 1865): 54
Nederlandsch Tijdschrift voor de Dierkunde v. 2 (as *Gymnomuraena macrocephalus*)
Note: Reported as *Uropterygius makatei* in Randall & Golani, 1995 which is now considered as synonym of *U. macrocephalus* as of D. G. Smith (pers.comm.)
92. *Uropterygius micropterus* (Bleeker, 1852): 298
Natuurkd. Tijdsch. Neder. Indië v. 3. (as *Muraena micropterus*)
Uropterygius micropterus: Randall & Golani, 1995
93. *Uropterygius nagoensis* Hatooka, 1984: 20
Jap. J. Ichthyol. 31 (1).
Uropterygius nagoensis: Randall & Golani, 1995
94. *Uropterygius polyspilus* (Regan, 1909)

MURAENESOCIDAE

CONGRESOX Gill, 1890

95. *Congresox talabonoides* (Bleeker, 1853)

MURAENESOX McClelland, 1844

96. *Muraenesox cinereus* (Forsskål in Niebuhr, 1775)

CONGRIDAE

BATHYMYRINAE
ARIOSOMA Swainson, 1838

97. *Ariosoma sanzoi* (D'Ancona, 1928): 27
Mem. R.Com. Talassogr. Ital. 146 (as *Leptocephalus sanzoi*)
Ariosoma sanzoi: Golani & Lerner, 2007

CONGRINAE
CONGER Bosc, 1817

98. *Conger cinereus* Rüppell, 1830
Authorship given as *Conger cinereus* Klunzinger [ex Rüppell, 1871] by Fricke, 2008:15
DIPLOCONGER Kotthaus, 1968
99. *Diploconger polystigmatus* Kotthaus, 1968
RHYNCHOCONGER Jordan & Hubbs, 1925
100. *Rhynchoconger trewavasae* Ben-Tuvia, 1993: 354
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Rhynchoconger trewavasae: Ben-Tuvia, 1993; Khalaf, 2004
UROCONGER Kaup, 1856
101. *Uroconger erythraeus* Castle, 1982
102. *Uroconger lepturus* (Richardson, 1844)

HETEROCONGRINAE
GORGASIA Meek & Hildedrand, 1923
103. *Gorgasia sillneri* Klausewitz, 1962
HETEROCONGER Bleeker, 1868
104. *Heteroconger balteatus* Castle & Randall, 1999: 12
Indo-Pacific Fishes, 30
Heteroconger balteatus: Castle & Randall, 1999

NETTASTOMATIDAE
FACCIOLELLA Whitley, 1938
105. *Facciolella karreri* Klausewitz, 1995: 46
Senckenberg. Marit. 26 (1/2)
Facciolella karreri: Klausewitz, 1995
106. *Facciolella saurencheloides* D'Ancona, 1928: 52
Mem. R. Com. Talassogr. Ital. 146
Facciolella saurencheloides: Klausewitz, 1994
SAURENCHELLYS Peters, 1864
107. *Saurenchelys meteori* Klausewitz & Zajonz, 2000: 339
Fauna Arabia 18
Saurenchelys meteori: Klausewitz & Zajonz, 2000

OPHICHTHIDAE
OPHICHTHINAE
BRACHYSOMOPHIS Kaup, 1856
108. *Brachysomophis cirrocheilos* (Bleeker, 1857)
CALLECHELYS Kaup, 1856
109. *Callechelys catostoma* (Schneider & Forster, 1801): 222
Cat. Fish 6
Callechelys catostoma: McCosker, 1998
110. *Callechelys marmorata* (Bleeker, 1853)
CIRRHIMURAENA Kaup, 1856
111. *Cirrhimuraena playfairii* (Günther, 1870)*
MYRICHTHYS Girard, 1859
112. *Myrichthys colubrinus* (Boddaert, 1781)
113. *Myrichthys maculosus* (Cuvier, 1816)
OPHICHTHUS Ahl, 1789
114. *Ophichthus echeloides* (D'Ancona, 1928)*
115. *Ophichthus erabo* (Jordan & Snyder, 1901): 870
Proc. U.S. Natl. Mus. 23
Ophichthus erabo: McCosker & Castle, 1986
PHAENOMONAS Myers & Wade, 1941
116. *Phaenomonas cooperae* Palmer, 1970
PHYLLOPHICHTHUS Gosline, 1951
117. *Phyllophichthus xenodontus* Gosline, 1951: 316
Pac. Sci. 5 (4)
Phyllophichthus xenodontus: D. G. Smith (pers. comm.) based on a specimen (USNM 00314692) collected in the Gulf of Aqaba.
PISODONOPHIS Kaup, 1856
118. *Pisodonophis cancrivorus* (Richardson, 1848)

XESTOCHILUS McCosker, 1998

119. *Xestochilus nebulosus* (Smith, 1962): 452
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. 24 (as *Callechelys nebulosus*)
Xestochilus nebulosus: McCosker, 1998

YIRRKALA Whitley, 1940

120. *Yirrkala tenuis* (Günther, 1870)

MYROPHINAE

MURAENICHTHYS Bleeker, 1853

121. *Muraenichthys schultzei* Bleeker, 1857

MYROPHIS Lütken, 1852

122. *Myrophis microchir* (Bleeker, 1864)

NEENCHELYS Bamber, 1915

123. *Neenchelys microtretus* Bamber, 1915

SCOLECENCHELYS Ogilby, 1897

124. *Scolecenchelys erythraeensis* (Bauchot & Maugé, 1980)*
125. *Scolecenchelys gymnota* (Bleeker, 1857)*
126. *Scolecenchelys laticaudata* (Ogilby, 1897)*

SKYTHRENCHELYS Castle & McCosker, 1999

127. *Skythrenchelys lentiginosa* Castle & McCosker, 1999: 119
Rec. Aust. Mus. 51 (2-3)
Skythrenchelys lentiginosa: Castle & McCosker, 1999

SYNAPHOBRACHIDAE

DYSOMMA Alcock, 1889

128. *Dysomma fuscoventralis* Karrer & Klausewitz, 1982

CLUPEIFORMES

CLUPEIDAE

CLUPEINAE

AMBLYGASTER Bleeker, 1849

129. *Amblygaster sirm* (Walbaum, 1792)

HERKLOTSICHTHYS Whitley, 1951

130. *Herklotsichthys punctatus* (Rüppell, 1837)
131. *Herklotsichthys quadrimaculatus* (Rüppell, 1837)

SARDINELLA Valenciennes, 1847

132. *Sardinella albella* (Valenciennes, 1847)
133. *Sardinella longiceps* Valenciennes, 1847

DUSSUMIERIINAE

DUSSUMIERIA Valenciennes, 1847

134. *Dussumieria elopsoides* Bleeker, 1849

ETRUMEUS Bleeker, 1853

135. *Etrumeus teres* (DeKay, 1842)

SPRATELLOIDES Bleeker, 1851

136. *Spratelloides delicatulus* (Bennett, 1832)
137. *Spratelloides gracilis* (Temminck & Schlegel, 1846)

ENGRAULIDAE

ENGRAULINAE

ENCRASICHOLINA Fowler, 1938

138. *Encrasicholina heteroloba* (Rüppell, 1837)

139. *Encrasicholina punctifer* Fowler, 1938
ENGRAULIS Cuvier, 1816
140. *Engraulis encrasicolus* (Linnaeus, 1758)
STOLEPHORUS Lacepède, 1803
141. *Stolephorus indicus* (van Hasselt, 1823)
COILIINAE
THRYSSA Cuvier, 1829
142. *Thryssa baelama* (Forsskål in Niebuhr, 1775)

CHIROCENTRIDAE
CHIROCENTRUS Cuvier, 1816
143. *Chirocentrus dorab* (Forsskål in Niebuhr, 1775)
144. *Chirocentrus nudus* Swainson, 1839

STOMIIFORMES

STERNOPTYCHIDAE
MAUROLICUS Cocco, 1838
145. *Maurolicus mucronatus* Klunzinger, 1871: 593
Verh. K.-K. Zool.Bot. Ges. Wien 21
Maurolicus mucronatus: Parin & Kobyliansky, 1993

PHOSICHTHYIDAE
VINCIGUERRIA Jordan & Evermann, 1896
146. *Vinciguerria mabahiss* Johnson & Feltes, 1984

ASTRONESTHIDAE
ASTRONESTHES Richardson, 1845
147. *Astronesthes martensii* Klunzinger, 1871

STOMIIDAE
STOMIAS Cuvier, 1816
148. *Stomias affinis* Günther, 1887

ATELEOPODIFORMES

ATELEOPODIDAE
ATELEOPUS Temminck & Schlegel, 1846
149. *Ateleopus natalensis* Regan, 1921

AULOPIFORMES

SYNODONTIDAE
SYNODONTINAE
SYNODUS Scopoli, 1777
150. *Synodus dermatogenys* Fowler, 1912: 566
Proc. Acad. Nat. Sci. Phila. 63
Synodus dermatogenys: Heemstra, 1995
151. *Synodus hoshinonis* Tanaka, 1917
152. *Synodus indicus* (Day, 1873)

153. *Synodus randalli* Cressey, 1981: 33
Smithson. Contrib. Zool. No. 342
Synodus randalli: Randall, 2009
154. *Synodus variegatus* (Lacepède, 1803)
TRACHINOCEPHALUS Gill, 1861
155. *Trachinocephalus myops* (Forster, 1801)
HARPADONTINAE
HARPADON Lesueur, 1825
156. *Harpadon erythraeus* Klausewitz, 1983
SAURIDA Valenciennes, 1850
157. *Saurida gracilis* (Quoy & Gaimard, 1824)
158. *Saurida macrolepis* Tanaka, 1917: 39
Dobutsugaku Zasshi (Zool. Mag. Tokyo 29 (no. 340)
Saurida macrolepis: Inoue & Nakabo, 2006
Note: The replacement of *Saurida undosquamis* by *S. macrolepis* (see Inoue & Nakabo, 2006) is taken with caution and need further study.
159. *Saurida tumbil* (Bloch, 1795)

PARALEPIDIDAE
LESTIDIOPS Hubbs, 1916
160. *Lestidiops jayakari* (Boulenger, 1889)
LESTROLEPIS Harry, 1953
161. *Lestrolepis luetkeni* (Ege, 1933)*

MYCTOPHIFORMES

MYCTOPHIDAE
BENTHOSEMA Goode & Bean, 1896
162. *Benthosema pterotum* (Alcock, 1890)
DIAPHUS Eigenmann & Eigenmann, 1890
163. *Diaphus coeruleus* (Klunzinger, 1871)

GONORHYNCHIFORMES

CHANIDAE
CHANOS Lacepède, 1803
164. *Chanos chanos* (Forsskål in Niebuhr, 1775)

SILURIFORMES

ARIIDAE
NETUMA Bleeker, 1858
165. *Netuma thalassina* (Rüppell, 1837)*

PLOTOSIDAE
PLOTOSUS Lacepède, 1803
166. *Plotosus lineatus* (Thunberg, 1787)

BATRACHOIDIFORMES

BATRACHOIDIDAE

BARCHATUS Smith, 1952

167. *Barchatus cirrhosa* (Klunzinger, 1871)*

LOPHIIFORMES

LOPHIIDAE

LOPHIOMUS Gill, 1883

168. *Lophiomus setigerus* (Vahl, 1797)

ANTENNARIIDAE

ANTENNARIUS Daudin, 1816

169. *Antennarius coccineus* (Lesson, 1831)
170. *Antennarius commerson* (Latreille, 1804)
171. *Antennarius nummifer* (Cuvier, 1817)
172. *Antennarius pictus* (Shaw, 1794)
173. *Antennarius rosaceus* Smith & Radcliffe, 1912
174. *Antennarius striatus* (Shaw, 1794)

HISTRIO Fischer, 1813

175. *Histrio histrio* (Linnaeus, 1758)

GADIFORMES

BREGMACEROTIDAE

BREGMACEROS Thompson, 1840

176. *Bregmaceros arabicus* D'Ancona & Cavinato, 1965

MORIDAE

PHYSICULUS Kaup, 1858

177. *Physiculus marisrubri* Brüss, 1986

OPHIDIIDAE

BROTULINAE

BROTULA Cuvier, 1829

178. *Brotula multibarbata* Temminck & Schlegel, 1846

OPHIDIINAE

OPHIDION Linnaeus, 1758

179. *Ophidion smithi* (Fowler, 1934)

NEOBYTHITINAE

NEOBYTHITES Goode & Bean, 1885

180. *Neobythites stefanovi* Nielsen & Uiblein, 1993: 110
Senckenberg. Marit. 23 (4/6)
Neobythites stefanovi: Nielsen & Uiblein, 1993; Uiblein *et al.*, 1994; Uiblein, 1995

SIREMBO Bleeker, 1858

181. *Sirembo jerdoni* (Day, 1888)

BYTHITIDAE
BROSMOPHYCINAE
BROSMOPHYCIOPS Schultz, 1960
182. *Brosmophyciops pautzkei* Schultz, 1960
DINEMATICHTHYS Bleeker, 1855
183. *Dinematichthys iluocoeteoides* Bleeker, 1855
BYTHITINAE
GRAMMONUS Gill, 1896
184. *Grammonus robustus* Smith & Radcliffe, 1913: 168
Proc. Nat. Mus. 44 (1948)
Grammonus robustus: Klausewitz & Uiblein, 1994; Uiblein *et al.*, 1994 (as *Oligopus robustus*)
MICROBROTULA Gosline, 1953
185. *Microbrotula bentleyi* Anderson, 2005: 36
Zootaxa, 1006
Microbrotula bentleyi: Anderson, 2005

CARAPIDAE
CARAPUS Rafinesque, 1810
186. *Carapus mourlani* (Petit, 1934): 393
Bull. Mus. Natl. Hist. Nat. (sér. 2) 6 (as *Fierasfer mourlani*)
Carapus mourlani: Markle & Olney, 1990
ENCHELIOPHIS Müller, 1842
187. *Encheliophis gracilis* (Bleeker, 1856)
188. *Encheliophis homei* (Richardson, 1846)*

BELONIFORMES

EXOCOETIDAE
CYPSELURINAE
CHEILOPOGON Lowe, 1841
189. *Cheilopogon cyanopterus* (Valenciennes, 1847)*
CYPSELURUS Swainson, 1838
190. *Cypselurus hexazona* (Bleeker, 1853): 206
Natuurkd. Tijdschr. Neder. Indië, 4 (as *Exocoetus hexazona*)
Cypselurus hexazona: Parin, 1999;the record was confirmed by specimen collected by S. Bogorodsky from Sudan (IORAS 02733). N.V. Parin (pers. comm.).
PAREXOCOETINAE
PAREXOCOETUS Bleeker, 1865
191. *Parexocoetus brachypterus brachypterus* (Richardson, 1846)
192. *Parexocoetus mento mento* (Valenciennes, 1847)

HEMIRAMPHIDAE
EULEPTORHAMPHUS Gill, 1859
193. *Euleptorhamphus viridis* (van Hasselt, 1823)
HEMIRAMPHUS Cuvier, 1816
194. *Hemiramphus far* (Forsskål in Niebuhr, 1775)
195. *Hemiramphus marginatus* (Forsskål in Niebuhr, 1775)
HYPORHAMPHUS Gill, 1859
196. *Hyporhamphus affinis* (Günther, 1866)
197. *Hyporhamphus balinensis* (Bleeker, 1859)

198. *Hyporhamphus gamberur* (Rüppell, 1837)
OXYPORHAMPHUS Gill, 1864
199. *Oxyporhamphus convexus bruuni* Parin, Collette & Shcherbachev, 1980

BELONIDAE
ABLENNES Jordan & Fordice, 1887
200. *Ablennes hians* (Valenciennes, 1846)
PLATYBELONE Fowler, 1919
201. *Platybelone argalus platura* (Rüppell, 1837)
TYLOSURUS Cocco, 1833
202. *Tylosurus acus melanotus* (Bleeker, 1850)
203 *Tylosurus choram* (Rüppell, 1837)
204. *Tylosurus crocodilus crocodilus* (Péron & Lesueur, 1821)

CYPRINODONTIFORMES

CYPRINODONTIDAE
APHANIUS Nardo, 1827
205. *Aphanius dispar* (Rüppell, 1829)

ATHERINIFORMES

ATHERINIDAE
ATHERINOMORUS Fowler, 1903
206. *Atherinomorus forskalii* (Rüppell, 1838): 132
Fisces Rothen Meeres 1835-38 (as *Atherina forskalii*)
Atherinomorus forskalii: Kimura *et al.*, 2007
207. *Atherinomorus lacunosus* (Forster, 1801)
HYPOATHERINA Schultz, 1948
208. *Hypoatherina temminckii* (Bleeker, 1853)

BERYCIFORMES

TRACHICHTHYIDAE
HOPLOSTETHUS Cuvier, 1829
209. *Hoplostethus marisrubri* Kotlyar, 1986
Trudy Inst. Okeanol. Akad. Nauk. SSSR, 121
Hoplostethus marisrubri: Kotlyar, 1986

MONOCENTRIDAE
MONOCENTRIS Bloch & Schneider, 1801
210. *Monocentris japonicus* (Houttuyn, 1782)

ANOMALOPIDAE
PHOTOBLEPHARON Weber, 1902
211. *Photoblepharon steinitzi* Abe & Haneda, 1973

HOLOCENTRIDAE
MYRIPRISTINAE
MYRIPRISTIS Cuvier, 1829
212. *Myripristis chryseres* Jordan & Evermann, 1903: 171
Bull. U.S. Fish Comm. v. 22
Myripristis chryseres: Khalaf *et al*., 1996; Khalaf & Disi, 1997; Khalaf & Zajonz, 2007
213. *Myripristis murdjan* (Forsskål in Niebuhr, 1775)
214. *Myripristis xanthacra* Randall & Guézé, 1981
OSTICHTHYS Jordan & Evermann, 1896
215. *Ostichthys acanthorhinus* Randall, Shimizu & Yamakawa, 1982
216. *Ostichthys hypsipterygion sufensis* Golani, 1984
HOLOCENTRINAE
NEONIPHON Castelnau, 1875
217. *Neoniphon sammara* (Forsskål in Niebuhr, 1775)
SARGOCENTRON Fowler, 1904
218. *Sargocentron caudimaculatum* (Rüppell, 1838)
219. *Sargocentron diadema* (Lacepède, 1802)
220. *Sargocentron ittodai* (Jordan & Fowler, 1902)
221. *Sargocentron macrosquamis* Golani, 1984
222. *Sargocentron marisrubri* Randall, Golani & Diamant, 1989
223. *Sargocentron punctatissimum* (Cuvier, 1829)
224. *Sargocentron rubrum* (Forsskål in Niebuhr, 1775)
225. *Sargocentron spiniferum* (Forsskål in Niebuhr, 1775)

SYNGNATHIFORMES

FISTULARIIDAE
FISTULARIA Linnaeus, 1758
226. *Fistularia commersonii* Rüppell, 1838
227. *Fistularia petimba* Lacepède, 1803

CENTRISCIDAE
AEOLISCUS Jordan & Starks, 1902
228. *Aeoliscus punctulatus* (Bianconi, 1855)

SOLENOSTOMIDAE
SOLENOSTOMUS Lacepède, 1803
229. *Solenostomus cyanopterus* Bleeker, 1854
230. *Solenostomus paradoxus* (Pallas, 1770): 32
Spicilegia Zool. 1 (as *Fistularia paradoxa*)
Solenostomus paradoxus: Lieske & Myers, 2004

SYNGNATHIDAE
SYNGNATHINAE
ACENTRONURA Kaup, 1853
231. *Acentronura tentaculata* Günther, 1870
BRYX Herald, 1940
232. *Bryx analicarens* (Duncker, 1915): 82
Mitt. Naturhist. Mus Hamburg, 32 (as *Syngnathus analicarens*)
Bryx analicarens: Dawson, 1985

CHOEROICHTHYS Kaup, 1856

233. *Choeroichthys brachysoma* (Bleeker, 1855)
Note: According Kuiter (2009) all the records of this species from Red Sea are misidentification of *Choeroichthys valencienni*.

CORYTHOICHTHYS Kaup, 1853

234. *Corythoichthys flavofasciatus* (Rüppell, 1838)
235. *Corythoichthys nigripectus* Herald, 1953
Note: According to Kuiter (2009:205) *C. nigripectus* is probably replaced in the Red Sea by an undescribed species.
236. *Corythoichthys schultzi* Herald, 1953
Note: According to Kuiter (2009:201) *C. schultzi* is probably replaced in the Red Sea by an undescribed species.

COSMOCAMPUS Dawson, 1979

237. *Cosmocampus banneri* (Herald & Randall, 1972)
238. *Cosmocampus maxweberi* (Whitley, 1933)
Note: According to Kuiter (2009) this species is restricted to the West Pacific.

DORYRHAMPHUS Kaup, 1856

239. *Doryrhamphus excisus abbreviatus* Dawson, 1981

DUNCKEROCAMPUS Whitley, 1933

240. *Dunckerocampus boylei* Kuiter, 1998: 82
Aqua, 3(2)
Dunckerocampus boylei: Kuiter, 1998; Kuiter, 2009
241. *Dunckerocampus multiannulatus* (Regan, 1903)

HALICAMPUS Kaup, 1856

242. *Halicampus dunckeri* (Chabanaud, 1929)
Note: According to Kuiter (2009:267) *H. dunckeri* is probably replaced in the Red Sea by an undescribed species.
243. *Halicampus macrorhynchus* Bamber, 1915
244. *Halicampus mataafae* (Jordan & Seale, 1906)

HIPPICHTHYS Bleeker, 1849

245. *Hippichthys cyanospilus* (Bleeker, 1854)
246. *Hippichthys spicifer* (Rüppell, 1838)

KYONEMICHTHYS Gomon, 2007

247. *Kyonemichthys rumengani* Gomon, 2007: 27
Internat. J. Ichthyol. 13 (1)
Kyonemichthys rumengani: Gomon & Bogorodsky (in prep) based on one specimen NMVA 29573-001

LISSOCAMPUS Waite & Hale, 1921

248. *Lissocampus bannwarthi* (Duncker, 1915)

MICROGNATHUS Duncker, 1912

249. *Micrognathus andersonii* (Bleeker, 1858)
250. *Micrognathus brevirostris* (Rüppell, 1838)

PHOXOCAMPUS Dawson, 1977

251. *Phoxocampus belcheri* (Kaup, 1856)

SIOKUNICHTHYS Herald, 1953

252. *Siokunichthys bentuviai* Clark, 1966
253. *Siokunichthys herrei* Herald, 1953
Note: According to Kuiter (2009:270) *S. herrei* is probably replaced in the Red Sea by an undescribed species.

SYNGNATHOIDES Bleeker, 1851

254. *Syngnathoides biaculeatus* (Bloch, 1785)

SYNGNATHUS Linnaeus, 1758

255. *Syngnathus macrophthalmus* Duncker, 1915

256. *Syngnathus safina* Paulus, 1992: 28
Senckenberg. Biol. 72 (1/3)
Syngnathus safina: Paulus, 1992

TRACHYRHAMPHUS Kaup, 1853

257. *Trachyrhamphus bicoarctatus* (Bleeker, 1857)

258. *Trachyrhamphus longirostris* Kaup, 1856

HIPPOCAMPINAE

HIPPOCAMPUS Rafinesque, 1810

259. *Hippocampus debelius* Gomon & Kuiter, 2009: 41
Aqua, Inrenat. J. Ichthyol. 15 (1)
Hippocampus debelius: Gomon & Kuiter, 2009; Kuiter, 2009

260. *Hippocampus fuscus* Rüppell, 1838

261. *Hippocampus jayakari* Boulenger, 1900: 51
Ann. Mag. Nat. Hist. (Ser. 7) 6(31)
Hippocampus jayakari: Lourie *et al.*, 1999; Lourie *et al.*, 2004

262. *Hippocampus suezensis* Duncker, 1940

SCORPAENIFORMES

SCORPAENIDAE

SCORPAENINAE

NEOMERINTHE Fowler, 1935

263. *Neomerinthe bathyperimensis* Zajonz & Klausewitz, 2002: 1482
J. Fish Biol. 61
Neomerinthe bathyperimensis: Zajonz & Klausewitz, 2002

PARASCORPAENA Bleeker, 1876

264. *Parascorpaena aurita* (Rüppell, 1838)

SCORPAENODES Bleeker, 1857

265. *Scorpaenodes albaiensis* (Evermann & Seale, 1907): 102
Bull. Bureau Fish. 26 (as *Hypomacrus albaiensis*)
Scorpaenodes albaiensis: Motomura *et al*., 2009

266. *Scorpaenodes guamensis* (Quoy & Gaimard, 1824)

267. *Scorpaenodes hirsutus* (Smith, 1957)

268. *Scorpaenodes parvipinnis* (Garrett, 1864)

269. *Scorpaenodes steinitzi* Klausewitz & Fröiland, 1970

SCORPAENOPSIS Heckel, 1837

270. *Scorpaenopsis barbata* (Rüppell, 1838)

271. *Scorpaenopsis diabolus* (Cuvier, 1829)

272. *Scorpaenopsis oxycephala* (Bleeker, 1849)

273. *Scorpaenopsis possi* Randall & Eschmeyer, 2001: 54
Indo-Pacific Fishes, 34
Scorpaenopsis possi: Randall & Eschmeyer, 2001

274. *Scorpaenopsis vittapinna* Randall & Eschmeyer, 2001:71
Indo-Pacific Fishes, 34
Scorpaenopsis vittapinna: Randall & Eschmeyer, 2001

SEBASTAPISTES Gill, 1877

275. *Sebastapistes cyanostigma* (Bleeker, 1856)

276. *Sebastapistes strongia* (Cuvier, 1829)

PTEROINAE

BRACHYPTEROIS Fowler, 1938

277. *Brachypterois serrulata* (Richardson, 1846)

DENDROCHIRUS Swainson, 1839

278. *Dendrochirus brachypterus* (Cuvier, 1829)

279. *Dendrochirus zebra* (Cuvier, 1829)

PTEROIS Oken, 1817

280. *Pterois miles* (Bennett, 1828)

281. *Pterois radiata* Cuvier, 1829

APISTIDAE

APISTUS Cuvier, 1829

282. *Apistus carinatus* (Bloch & Schneider, 1801)

TETRAROGIDAE

NEOCENTROPOGON Matsubara, 1943

283. *Neocentropogon mesedai* Klausewitz, 1985

SYNANCEIIDAE

MINOINAE

MINOUS Cuvier, 1829

284. *Minous coccineus* Alcock, 1890

285. *Minous monodactylus* (Bloch & Schneider, 1801)

CHORIDACTYLINAE

CHORIDACTYLUS Richardson, 1848

286. *Choridactylus multibarbus* Richardson, 1848

INIMICUS Jordan & Starks, 1904

287. *Inimicus filamentosus* (Cuvier, 1829)

SYNANCEIINAE

SYNANCEIA Bloch & Schneider, 1801

288. *Synanceia nana* Eschmeyer & Rama-Rao, 1973

289. *Synanceia verrucosa* (Bloch & Schneider, 1801)

APLOACTINIDAE

COCOTROPUS Kaup, 1858

290. *Cocotropus steinitzi* Eschmeyer & Dor, 1978

PTARMUS Smith, 1947

291. *Ptarmus gallus* (Kossmann & Räuber, 1877)

TRIGLIDAE

LEPIDOTRIGLA Günther, 1860

292. *Lepidotrigla bispinosa* Steindachner, 1898

293. *Lepidotrigla spiloptera* Günther, 1880

PTERYGOTRIGLA Waite, 1899

294. *Pterygotrigla spirai* Golani & Baranes, 1997: 187
Isr. J. Zool. 43
Pterygotrigla spirai: Golani & Baranes, 1997; Richards *et al.*, 2003

PLATYCEPHALIDAE
COCIELLA Whitley, 1940
295. *Cociella punctata* (Cuvier, 1829): 243
Hist. Nat. Poiss. 4. (as *Platycephalus punctatus*)
Cociella punctata: Knapp, 1996
GRAMMOPLITES Fowler, 1904
296. *Grammoplites suppositus* (Troschel, 1840)
ONIGOCIA Jordan & Thompson, 1913
297. *Onigocia bimaculata* Knapp, Imamura & Sakashita, 2000: 3
J.L.B. Smith Inst. Ichthyol. Spec. Pub. 64
Onigocia bimaculata Knapp *et al.*, 2000
PAPILLOCULICEPS Fowler & Steinitz, 1956
298. *Papilloculiceps longiceps* (Cuvier, 1829)
PLATYCEPHALUS Bloch, 1795
299. *Platycephalus indicus* (Linnaeus, 1758)
ROGADIUS Jordan & Richardson, 1908
300. *Rogadius pristiger* (Cuvier, 1829): 260
Hist. Nat. Poiss. 4 (as *Platycephalus pristiger*)
Rogadius pristiger: Knapp, 1999
SORSOGONA Herre, 1934
301. *Sorsogona prionota* (Sauvage, 1873)
THYSANOPHRYS Ogilby, 1898
302. *Thysanophrys chiltonae* Schultz, 1966

LIPARIDAE
LIPARIS Scopoli, 1777
303. *Liparis fishelsoni* Smith, 1968

DACTYLOPTERIDAE
DACTYLOPTENA Jordan & Richardson, 1908
304. *Dactyloptena orientalis* (Cuvier, 1829)
305. *Dactyloptena peterseni* (Nyström, 1887)

GASTEROSTEIFORMES

PEGASIDAE
EURYPEGASUS Bleeker, 1863
306. *Eurypegasus draconis* (Linnaeus, 1766)

PERCIFORMES

AMBASSIDAE
AMBASSIS Cuvier, 1828
307. *Ambassis dussumieri* Cuvier, 1828: 181
Hist. Nat. Poiss. 2
Ambassis dussumieri: Anderson & Heemstra, 2003
308. *Ambassis urotaenia* Bleeker, 1852

SERRANIDAE
SERRANINAE
CHELIDOPERCA Boulenger, 1895
309. *Chelidoperca pleurospilus* (Günther, 1880): 37
Rept. Challenger Shore Fishes 1 (as *Centropristis pleurospilus*)

Chelidoperca pleurospilus: Baranes & Golani, 1993
SERRANUS Cuvier, 1816
310. *Serranus cabrilla* (Linnaeus, 1758)

EPINEPHELINAE
AETHALOPERCA Fowler, 1904
311. *Aethaloperca rogaa* (Forsskål in Niebuhr, 1775)
ANYPERODON Günther, 1859
312. *Anyperodon leucogrammicus* (Valenciennes, 1828)
CEPHALOPHOLIS Bloch & Schneider, 1801
313. *Cephalopholis argus* Bloch & Schneider, 1801
314. *Cephalopholis hemistiktos* (Rüppell, 1830)
315. *Cephalopholis miniata* (Forsskål in Niebuhr, 1775)
316. *Cephalopholis oligosticta* Randall & Ben-Tuvia, 1983
317. *Cephalopholis sexmaculata* (Rüppell, 1830)
DERMATOLEPIS Gill, 1861
318. *Dermatolepis striolata* (Playfair, 1867): 11
Fish. Zanzibar (as *Serranus striolatus*)
Dermatolepis striolatus: Randall, 1994a
EPINEPHELUS Bloch, 1793
319. *Epinephelus areolatus* (Forsskål in Niebuhr, 1775)
320. *Epinephelus chlorostigma* (Valenciennes, 1828)
321. *Epinephelus coioides* (Hamiton, 1822): 82
Fish Ganges (as *Bota coioides*)
Epinephelus coioides: Randall & Heemstra, 1991; Heemstra & Golani, 1993; Heemstra & Randall, 1993
322. *Epinephelus epistictus* (Temminck & Schlegel, 1842)
323. *Epinephelus fasciatus* (Forsskål in Niebuhr, 1775)
324. *Epinephelus fuscoguttatus* (Forsskål in Niebuhr, 1775)
325. *Epinephelus lanceolatus* (Bloch, 1790): 92
Naturg. Ausl. Fische v. 4 (as *Holocentrus lanceolatus*)
Epinephelus lanceolatus: Randall, 1994a
326. *Epinephelus latifasciatus* (Temminck & Schlegel, 1842)
327. *Epinephelus malabaricus* (Bloch & Schneider, 1801)
328. *Epinephelus morrhua* (Valenciennes, 1833)
329. *Epinephelus polyphekadion* (Bleeker, 1849)
330. *Epinephelus radiatus* (Day, 1868)
331. *Epinephelus stoliczkae* (Day, 1875)
332. *Epinephelus summana* (Forsskål in Niebuhr, 1775)
333. *Epinephelus tauvina* (Forsskål in Niebuhr, 1775)
334. *Epinephelus tukula* Morgans, 1959
PLECTROPOMUS Oken, 1817
335. *Plectropomus areolatus* Rüppell, 1830
336. *Plectropomus pessuliferus marisrubri* Randall & Hoese, 1986
VARIOLA Swainson, 1839
337. *Variola louti* (Forsskål in Niebuhr, 1775)
LIOPROPOMATINAE
LIOPROPOMA Gill, 1861
338. *Liopropoma lunulatum* (Guichenot, 1863): 4
Fauna Ichthyol. Réunion Tome II, Annexe C (as *Grystes lunulatus*)

Liopropoma lunulatum: Khalaf & Zajonz, 2007

339. *Liopropoma mitratum* Lubbock & Randall, 1978

340. *Liopropoma susumi* (Jordan & Seale, 1906)

GRAMMISTINAE

AULACOCEPHALUS Temminck & Schlegel, 1843

341. *Aulacocephalus temminckii* Bleeker, 1854

DIPLOPRION Cuvier, 1828

342. *Diploprion drachi* Roux-Estève, 1955

GRAMMISTES Bloch & Schneider, 1801

343. *Grammistes sexlineatus* (Thunberg, 1792)

PSEUDOGRAMMINAE

PSEUDOGRAMMA Bleeker, 1875

344. *Pseudogramma megamyctera* Randall & Baldwin, 1997: 32
Indo-Pacific Fishes, 26
Pseudogramma megamycterum: Randall & Baldwin, 1997

ANTHIINAE

PLECTRANTHIAS Bleeker, 1873

345. *Plectranthias klausewitzi* Zajonz, 2006: 21
Aqua Internat. J. Ichthyol. 12 (1)
Plectranthias klausewitzi: Zajonz, 2006; Heemstra & Randall, 2009

346. *Plectranthias nanus* Randall, 1980: 159
Micronesica v. 16 (no. 1)
Plectranthias nanus: Randall, 1994a; Heemstra & Randall, 2009

347. *Plectranthias winniensis* (Tyler, 1966)

PSEUDANTHIAS Bleeker, 1871

348. *Pseudanthias fasciatus* (Kamohara, 1954)

349. *Pseudanthias heemstrai* Schuhmacher, Krupp & Randall, 1989

350. *Pseudanthias lunulatus* (Kotthaus, 1973)

351. *Pseudanthias squamipinnis* (Peters, 1855)

352. *Pseudanthias taeniatus* (Klunzinger, 1884)

SYMPHYSANODONTIDAE

SYMPHYSANODON Bleeker, 1878

353. *Symphysanodon disii* Khalaf & Krupp, 2008: 86
Aqua, Inrernat. J. Ichthyol. 14
Symphysanodon disii: Khalaf & Krupp, 2008

MORONIDAE

DICENTRARCHUS Gill, 1860

354. *Dicentrarchus labrax* (Linnaeus, 1758)

355. *Dicentrarchus punctatus* (Bloch, 1792)

PSEUDOCHROMIDAE

PSEUDOCHROMINAE

PSEUDOCHROMIS Rüppell, 1835

356. *Pseudochromis dixurus* Lubbock, 1975

357. *Pseudochromis flavivertex* Rüppell, 1835

358. *Pseudochromis fridmani* Klausewitz, 1968

359. *Pseudochromis nigrovittatus* Boulenger, 1897: 421
Ann. Mag. Nat. Hist. (Ser. 2) 20

Pseudochromis nigrovittatus: Gill, 2004
360. *Pseudochromis olivaceus* Rüppell, 1835
361. *Pseudochromis pesi* Lubbock, 1975
362. *Pseudochromis sankeyi* Lubbock, 1975
363. *Pseudochromis springeri* Lubbock, 1975
PSEUDOPLESIOPINAE
CHLIDICHTHYS Smith, 1953
364. *Chlidichthys auratus* Lubbock, 1975
365. *Chlidichthys rubiceps* Lubbock, 1975
PECTINOCHROMIS Gill & Edwards, 1999
366. *Pectinochromis lubbocki* (Edwards & Randall, 1983)*
CONGROGADINAE
HALIOPHIS Rüppell, 1829
367. *Haliophis guttatus* (Forsskål in Niebuhr, 1775)

PLESIOPIDAE
PLESIOPINAE
PLESIOPS Oken, 1817
368. *Plesiops coeruleolineatus* Rüppell, 1835
369. *Plesiops mystaxus* Mooi, 1995: 44
R. Ont. Mus. Life Sci. Contrib. 159
Plesiops mystaxus: Mooi, 1995
370. *Plesiops nigricans* (Rüppell, 1828)
CALLOPLESIOPS Fowler & Bean, 1930
371. *Calloplesiops altivelis* (Steindachner, 1903)

TERAPONTIDAE
PELATES Cuvier, 1829
372. *Pelates quadrilineatus* (Bloch, 1790)
TERAPON Cuvier, 1816
373. *Terapon jarbua* (Forsskål in Niebuhr, 1775)
374. *Terapon puta* Cuvier, 1829
375. *Terapon theraps* Cuvier, 1829

KUHLIIDAE
KUHLIA Gill, 1861
376. *Kuhlia mugil* (Forster, 1801)

PRIACANTHIDAE
PRIACANTHUS Oken, 1817
377. *Priacanthus blochii* Bleeker, 1853: 456
Natuurkd Tijdschr. Neder. Indië v. 4.
Priacanthus blochii: Randall, 1994a
378. *Priacanthus hamrur* (Forsskål in Niebuhr, 1775)
379. *Priacanthus sagittarius* Starnes, 1988: 178
Bull. Mar. Sci. 43 (no. 2)
Priacanthus sagittarius: Starnes, 1988; Khalaf, 2004
PRISTIGENYS Agassiz, 1835
380. *Pristigenys niphonia* (Cuvier, 1829)

APOGONIDAE

APOGONINAE

APOGON Lacepède, 1801

381. *Apogon campbelli* Smith, 1949: 100
Ann. Mag. Nat. Hist. (12)2(14)
Apogon campbelli: Gon & Randall, 2003a

382. *Apogon coccineus* Rüppell, 1838

383. *Apogon erythrosoma* Gon & Randall, 2003: 12
Smithiana Pub. Aquat. Biodiver. 1
Apogon erythrosoma: Gon & Randall, 2003a

384. *Apogon semiornatus* Peters, 1876: 436
Monatsb. Akad. Wiss. Berlin1875.
Apogon semiornatus: Randall, 1994; Gon & Randall, 2003a

385. *Apogon talboti* Smith, 1961: 387
Ichthyol. Bull. Rhodes Univ. 22.
Apogon talboti: Gon & Randall, 2003a

APOGONICHTHYOIDES Smith, 1949

386. *Apogonichthyoides heptastygma* (Cuvier, 1828)*

387. *Apogonichthyoides pharaonis* (Bellotti, 1874): 264
Atti. Soc. Ital. Sci. Nat. Milano17 (as *Apogom nigrofasciatus*)
Apogon pharaonis: Gon, 2000; Gon & Randall, 2003a
Apogonichthyoides pharaonis: Fraser & Allen, 2010

388. *Apogonichthyoides pseudotaeniatus* (Gon, 1986)*

389. *Apogonichthyoides taeniatus* (Cuvier, 1828)*

390. *Apogonichthyoides timorensis* (Bleeker, 1854)*

APOGONICHTHYS Bleeker, 1854

391. *Apogonichthys perdix* Bleeker, 1854

ARCHAMIA Gill, 1863

392. *Archamia bilineata* Gon & Randall, 1995: 546
Isr. J. Zool. 41 (4).
Archamia bilineata: Gon & Randall, 1995; Gon & Randall 2003a; Gon & Randall, 2003b

393. *Archamia fucata* (Cantor, 1849)

394. *Archamia lineolata* (Cuvier, 1828)

CERCAMIA Randall & Smith, 1988

395. *Cercamia eremia* (Allen, 1987): 4
Mem. Mus.Vict. 48 (1)
Cercamia eremia: Gon & Randall, 2003a

CHEILODIPTERUS Lacepède, 1801

396. *Cheilodipterus arabicus* (Gmelin [ex Forsskål], 1789): 1312
Systema Nature Linné v.1 (pt 3), new name for *Perca lineata* (non Linnaeus, 1758) Forsskål in Niebuhr, 1775.
Cheilodipterus arabicus: Khalaf, 2004; Fricke, 2008

397. *Cheilodipterus lachneri* Klausewitz, 1959

398. *Cheilodipterus macrodon* (Lacepède, 1802)

399. *Cheilodipterus novemstriatus* (Rüppell, 1838): 85
Fische Rothen Meeres 1835-38
Cheilodipterus novemstriatus: Gon & Randall, 2003a; Khalaf, 2004

400. *Cheilodipterus pygmaios* Gon, 1993: 45
Indo-Pac. Fishes 22
Cheilodipterus pygmaios: Gon, 1993; Gon & Randall, 2003a; Golani & Lerner, 2007

401. *Cheilodipterus quinquelineatus* Cuvier, 1828
FOA Jordan & Seale, 1905
402. *Foa fo* Jordan & Seale, 1905: 779
Proc. U.S. Nat. Mus. 28(1407)
Foa fo: Gon & Randall, 2003a
FOWLERIA Jordan & Evermann, 1903
403. *Fowleria aurita* (Valenciennes, 1831)
404. *Fowleria isostigma* (Jordan & Seale, 1906)
405. *Fowleria marmorata* (Alleyne & Macleay, 1877)
406. *Fowleria vaiulae* (Jordan & Seale, 1906): 249
Bull. Bur. Fish. 25 (as *Foa vaiula*)
Fowleria vaiulae: Gon & Randall, 2003a
407. *Fowleria variegata* (Valenciennes, 1832)
JAYDIA Smith, 1961
408. *Jaydia queketti* (Gilchrist, 1903)*
409. *Jaydia smithi* Kotthaus, 1970: 59
"Meteor" Forsch. Ergebnisse Series D, 6
Apogon smithi: Gon & Randall, 2003a; Golani *et al.*, 2007
LEPIDAMIA Gill, 1863
410. *Lepidamia multitaeniata* (Cuvier, 1828)*
NEAMIA Smith & Radcliffe, 1912
411. *Neamia octospina* Smith & Radcliffe, 1912
NECTAMIA Jordan, 1917
412. *Nectamia annularis* Rüppell, 1829*
413. *Nectamia fusca* (Quoy & Gaimard, 1824): 345
Voyage Uranie, Zool
Nectamia fusca: Fraser, 2008
414. *Nectamia zebrinus* Fraser, Randall & Lachner, 1999: 2
Spec. Pub. J.L.B. Smith Inst. Ichthyol. 63.
Apogon zebrinus: Gon & Randall, 2003a
Nectamia zebrinus: Fraser, 2008
OSTORHINCHUS Lacepède, 1802
415. *Ostorhinchus apogonides* (Bleeker, 1856): 37
Act. Soc. Sci. Indo-Neerl. 1
Apogon apogonides: Gon & Randall, 2003a
416. *Ostorhinchus bryx* (Fraser, 1998): 987
Proc. Biol. Soc. Wash. 111(4) (as *Apogon bryx*)
Apogon bryx: Gon & Randall, 2003a
417. *Ostorhinchus cookii* (Macleay, 1881)*
418. *Ostorhinchus cyanosoma* (Bleeker, 1853)*
419. *Ostorhinchus fasciatus* (White, 1790)*
420. *Ostorhinchus fleurieu* Lacepède, 1802*
421. *Ostorhinchus gularis* (Fraser & Lachner, 1984)*
422. *Ostorhinchus nigrofasciatus* (Lachner, 1953): 466
U.S. natn, Mus. Bull. 202 (1) (as *Apogom nigrofasciatus*)
Apogom nigrofasciatus: Randall & Lachner, 1986; Gon & Randall, 2003a
423. *Ostorhinchus pselion* (Randall, Fraser & Lachner, 1990)*
424. *Ostorhinchus spilurus* (Regan, 1905): 321
Bombay Soc. Nat. Hiat. 16 (as *Apogon spilurus*)
Apogon spilurus: Gon & Randall, 2003a

PRISTIAPOGON Klunzinger, 1870

425. *Pristiapogon exostigma* (Jordan & Starks, 1906)*

426. *Pristiapogon fraenatus* (Valenciennes, 1832)*

427. *Pristiapogon kallopterus* (Bleeker, 1856)*

RHABDAMIA Weber, 1909

428. *Rhabdamia cypselura* Weber, 1909: 167
Notes Leyden Mus. v. 3 (note 4)
Rhabdamia cypselura: Randall, 1994a; Gon & Randall, 2003a

429. *Rhabdamia nigrimentum* (Smith, 1961)

430. *Rhabdamia spilota* Allen & Kuiter, 1994: 21
Revue fr. Aquariol 21(1-2)
Rhabdamia spilota: Gon & Randall, 2003a

SIPHAMIA Weber, 1909

431. *Siphamia permutata* Klausewitz, 1966

SPHAERAMIA Fowler & Bean, 1930

432. *Sphaeramia orbicularis* (Cuvier, 1828): 155
Histoire naturelle des poissons, 2 (as *Apogon orbicularis*)
Sphaeramia orbicularis: Gon & Randall, 2003a

ZAPOGON Fraser, 1972

433. *Zapogon isus* (Randall & Böhlke, 1981)*

ZORAMIA Jordan, 1917

434. *Zoramia leptacantha* (Bleeker, 1856)*

PSEUDAMINAE

GYMNAPOGON Regan, 1905

435. *Gymnapogon melanogaster* Gon & Golani, 2002: 347
Ichthyol. Res. 49
Gymnapogon melanogaster: Gon & Golani, 2002; Golani & Lerner, 2007

PSEUDAMIA Bleeker, 1865

436. *Pseudamia gelatinosa* Smith, 1954

EPIGONIDAE

EPIGONUS Rafinesque, 1810

437. *Epigonus marisrubri* Krupp, Zajonz & Khalaf, 2009:224
Aqua 15(4)
Epigonus marisrubri Krupp *et al*., 2009

SILLAGINIDAE

SILLAGO Cuvier, 1816

438. *Sillago sihama* (Forsskål in Niebuhr, 1775)

ACROPOMATIDAE

ACROPOMA Temminck & Schlegel, 1843

439. *Acropoma japonicum* Günther, 1859

SYNAGROPS Günther, 1887

440. *Synagrops philippinensis* (Günther, 1880)

MALACANTHIDAE

MALACANTHINAE

HOPLOLATILUS Günther, 1887

441. *Hoplolatilus geo* Fricke & Kacher, 1982

442. *Hoplolatilus oreni* Clark & Ben-Tuvia, 1973
MALACANTHUS Cuvier, 1829
443. *Malacanthus brevirostris* Guichenot, 1848
444. *Malacanthus latovittatus* (Lacepède, 1801)
LATILINAE
BRANCHIOSTEGUS Rafinesque, 1815
445. *Branchiostegus sawakinensis* Amirthalingam, 1969

RACHYCENTRIDAE
RACHYCENTRON Kaup, 1826
446. *Rachycentron canadum* (Linnaeus, 1766)

ECHENEIDAE
ECHENEINAE
ECHENEIS Linnaeus, 1758
447. *Echeneis naucrates* Linnaeus, 1758
REMORINAE
REMORA Gill, 1862
448. *Remora brachyptera* (Lowe, 1839)
449. *Remora remora* (Linnaeus, 1758)
REMORINA Jordan & Evermann, 1896
450. *Remorina albescens* (Temminck & Schlegel, 1850)

CARANGIDAE
ALECTIS Rafinesque, 1815
451. *Alectis ciliaris* (Bloch, 1788)
452. *Alectis indica* (Rüppell, 1830)
ALEPES Swainson, 1839
453. *Alepes djedaba* (Forsskål in Niebuhr, 1775)
ATULE Jordan & Jordan, 1922
454. *Atule mate* (Cuvier, 1833)
CARANGOIDES Bleeker, 1851
455. *Carangoides armatus* (Rüppell, 1830)
456. *Carangoides bajad* (Forsskål in Niebuhr, 1775)
457. *Carangoides chrysophrys* (Cuvier, 1833)
458. *Carangoides coeruleopinnatus* (Rüppell, 1830)
459. *Carangoides equula* (Temminck & Schlegel, 1844): 111
Pisces, Fauna Japonica Parts 5-6 (as *Caranx equula*)
Carangoides equula: Baranes & Golani, 1993; Khalaf & Disi, 1997; Khalaf, 2004
456. *Carangoides ferdau* (Forsskål in Niebuhr, 1775)
461. *Carangoides fulvoguttatus* (Forsskål in Niebuhr, 1775)
462. *Carangoides plagiotaenia* Bleeker, 1857
CARANX Lacepède, 1801
463. *Caranx heberi* (Bennett, 1830): Pl. 26
Fishes of Cylon, 1st Edition (as *Scomber heberi*)
Caranx heberi: Khalaf & Krupp, 2003; Khalaf, 2004
464. *Caranx ignobilis* (Forsskål in Niebuhr, 1775)
465. *Caranx melampygus* Cuvier, 1833
466. *Caranx sexfasciatus* Quoy & Gaimard, 1825

DECAPTERUS Bleeker, 1851

467. *Decapterus macarellus* (Cuvier, 1833)
468. *Decapterus macrosoma* Bleeker, 1851
469. *Decapterus russelli* (Rüppell, 1830)

ELAGATIS Bennett, 1840

470. *Elagatis bipinnulata* (Quoy & Gaimard, 1825)

GNATHANODON Bleeker, 1851

471. *Gnathanodon speciosus* (Forsskål in Niebuhr, 1775)

MEGALASPIS Bleeker, 1851

472. *Megalaspis cordyla* (Linnaeus, 1758)

NAUCRATES Rafinesque, 1810

473. *Naucrates ductor* (Linnaeus, 1758)

SCOMBEROIDES Lacepède, 1801

474. *Scomberoides commersonnianus* Lacepède, 1801
475. *Scomberoides lysan* (Forsskål in Niebuhr, 1775)

SELAR Bleeker, 1851

476. *Selar crumenophthalmus* (Bloch, 1793)

SERIOLA Cuvier, 1816

477. *Seriola dumerili* (Risso, 1810)

SERIOLINA Wakiya, 1924

478. *Seriolina nigrofasciata* (Rüppell, 1829)

TRACHINOTUS Lacepède, 1801

479. *Trachinotus baillonii* (Lacepède, 1801)
480. *Trachinotus blochii* (Lacepède, 1801)

TRACHURUS Rafinesque, 1810

481. *Trachurus indicus* Nekrasov, 1966

ULUA Jordan & Snyder, 1908

482. *Ulua mentalis* (Cuvier, 1833)

URASPIS Bleeker, 1855

483. *Uraspis helvola* Forster, 1801

CORYPHAENIDAE

CORYPHAENA Linnaeus, 1758

484. *Coryphaena hippurus* Linnaeus, 1758

LEIOGNATHIDAE

AURIGEQUULA Fowler, 1918

485. *Aurigequula fasciata* (Lacepède, 1803)*

EQUULITES Fowler, 1904

486. *Equulites klunzingeri* (Steindachner, 1898)*

EUBLEEKERIA Fowler, 1904

487. *Eubleekeria splendens* (Cuvier, 1829)*

GAZZA Rüppell, 1835

488. *Gazza minuta* (Bloch, 1795)

LEIOGNATHUS Lacepède, 1802

489. *Leiognathus equulus* (Forsskål in Niebuhr, 1775)

PHOTOPECTORALIS Sparks, Dunlap & Smith, 2005

490. *Photopectoralis bindus* (Valenciennes, 1835)*

PHOTOPLAGIOS Sparks, Dunlap & Smith, 2005

491. *Photoplagios oblongus* (Valenciennes, 1835): 85

Hist. Poiss. 10 (as *Equula oblonga*)
Photoplagios oblongus: Randall, 1995, Sparks *et al.*, 2005
SECUTOR Gistel, 1848
492. *Secutor insidator* (Bloch, 1787)

LOBOTIDAE
LOBOTES Cuvier, 1830
493. *Lobotes surinamensis* Bloch, 1790

BRAMIDAE
TARACTICHTHYS Mead & Maul, 1958
494. *Taractichthys steindachneri* (Döderlein, 1883)

LUTJANIDAE
ETELINAE
APHAREUS Cuvier, 1830
495. *Aphareus furca* (Lacepède, 1801)
496. *Aphareus rutilans* Cuvier, 1830
APRION Valenciennes, 1830
497. *Aprion virescens* Valenciennes, 1830
PRISTIPOMOIDES Bleeker, 1852
498. *Pristipomoides filamentosus* (Valenciennes, 1830)
499. *Pristipomoides multidens* (Day, 1871)
500. *Pristipomoides sieboldii* (Bleeker, 1854)
APSILINAE
PARACAESIO Bleeker, 1875
501. *Paracaesio sordidus* Abe & Shinohara, 1962
LUTJANINAE
LUTJANUS Bloch, 1790
502. *Lutjanus argentimaculatus* (Forsskål in Niebuhr, 1775)
503. *Lutjanus bengalensis* (Bloch, 1790)
504. *Lutjanus bohar* (Forsskål in Niebuhr, 1775)
505. *Lutjanus coeruleolineatus* (Rüppell, 1838)
506. *Lutjanus ehrenbergii* (Peters, 1869)
507. *Lutjanus fulviflamma* (Rüppell, 1830)
508. *Lutjanus fulvus* (Forster, 1801)
509. *Lutjanus gibbus* (Forsskål in Niebuhr, 1775)
510. *Lutjanus kasmira* (Forsskål in Niebuhr, 1775)
511. *Lutjanus lutjanus* Bloch, 1790
512. *Lutjanus monostigma* (Cuvier, 1828)
513. *Lutjanus rivulatus* (Cuvier, 1828)
514. *Lutjanus russellii* (Bleeker, 1849)
515. *Lutjanus sanguineus* (Cuvier, 1828)
516. *Lutjanus sebae* (Cuvier, 1816)
MACOLOR Bleeker, 1860
517. *Macolor niger* (Forsskål in Niebuhr, 1775)

CAESIONIDAE
CAESIONINAE
CAESIO Lacepède, 1801
518. *Caesio caerulaurea* Lacepède, 1801

519. *Caesio lunaris* Cuvier, 1830
520. *Caesio striata* Rüppell, 1830
521. *Caesio suevica* Klunzinger, 1884
522. *Caesio varilineata* Carpenter, 1987
523. *Caesio xanthonota* Bleeker, 1853
PTEROCAESIO Bleeker, 1876
524. *Pterocaesio chrysozona* (Cuvier, 1830)
GYMNOCAESIONINAE
GYMNOCAESIO Bleeker, 1876
525. *Gymnocaesio gymnoptera* (Bleeker, 1856)

NEMIPTERIDAE
NEMIPTERUS Swainson, 1839
526. *Nemipterus bipunctatus* (Valenciennes, 1830)
527. *Nemipterus japonicus* (Bloch, 1791)
528. *Nemipterus peronii* (Valenciennes, 1830)
529. *Nemipterus randalli* Russell, 1986
530. *Nemipterus zysron* (Bleeker, 1857)
PARASCOLOPSIS Boulenger, 1901
531. *Parascolopsis aspinosa* (Rao & Rao, 1981)
532. *Parascolopsis baranesi* Russell & Golani, 1993: 341
Isr. J. Zool. 39.
Parascolopsis baranesi: Russell & Golani, 1993
533. *Parascolopsis eriomma* (Jordan & Richardson, 1909)
SCOLOPSIS Cuvier, 1814
534. *Scolopsis bimaculatus* Rüppell, 1828
535. *Scolopsis ghanam* (Forsskål in Niebuhr, 1775)
536. *Scolopsis taeniatus* (Cuvier, 1830)
537. *Scolopsis vosmeri* (Bloch, 1792)

GERREIDAE
GERRES Quoy & Gaimard, 1824
538. *Gerres filamentosus* Cuvier, 1829
539. *Gerres longirostris* (Lacepède, 1801): 427, 468
Historie naturelle des poissons. v. 3 (as *Labrus longirostris*)
Gerres longirostris: Iwatsuki *et al.*, 1999
540. *Gerres macracanthus* Bleeker, 1854: 195
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Gerres macracanthus: Iwatsuki *et al.*, 1996
541. *Gerres oblongus* Cuvier, 1830
542. *Gerres oyena* (Forsskål in Niebuhr, 1775)

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PLECTORHINCHINAE
DIAGRAMMA Oken, 1817
543. *Diagramma punctata* Cuvier, 1830
PLECTORHINCHUS Lacepède, 1801
544. *Plectorhinchus albovittatus* (Rüppell, 1838): 125
Fische Rothen Meeres 1835-38 (as *Diagramma albovittatum*)
Plectorhinchus albovittatus: McKay, 2001

545. *Plectorhinchus flavomaculatus* (Cuvier, 1830)
546. *Plectorhinchus gaterinus* (Forsskål in Niebuhr, 1775)
547. *Plectorhinchus gibbosus* (Lacepède, 1802)
548. *Plectorhinchus schotaf* (Forsskål in Niebuhr, 1775)
549. *Plectorhinchus sordidus* (Klunzinger, 1870)

HAEMULINAE

POMADASYS Lacepède, 1802

550. *Pomadasys argenteus* (Forsskål in Niebuhr, 1775)
551. *Pomadasys kaakan* (Cuvier, 1830)
552. *Pomadasys punctulatus* (Rüppell, 1838): 124
Fische Rothen Meeres 1835-38 (as *Pristipoma punctulatum*)
Pomadasys punctulatus: Randall, 1995
553. *Pomadasys stridens* (Forsskål in Niebuhr, 1775)

LETHRINIDAE

LETHRININAE

LETHRINUS Cuvier, 1829

554. *Lethrinus borbonicus* Valenciennes, 1830
555. *Lethrinus harak* (Forsskål in Niebuhr, 1775)
556. *Lethrinus lentjan* (Lacepède, 1802)
557. *Lethrinus mahsena* (Forsskål in Niebuhr, 1775)
558. *Lethrinus microdon* Valenciennes, 1830
559. *Lethrinus nebulosus* (Forsskål in Niebuhr, 1775)
560. *Lethrinus obsoletus* (Forsskål in Niebuhr, 1775)
561. *Lethrinus olivaceus* Valenciennes, 1830: 295
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Lethrinus olivaceus: Carpenter & Allen, 1989; Carpenter, 2001
562. *Lethrinus variegatus* Valenciennes, 1830
563. *Lethrinus xanthochilus* Klunzinger, 1870

MONOTAXINAE

GYMNOCRANIUS Klunzinger, 1870

564. *Gymnocranius grandoculis* (Valenciennes, 1830)

MONOTAXIS Bennett, 1830

565. *Monotaxis grandoculis* (Forsskål in Niebuhr, 1775)

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ACANTHOPAGRUS Peters, 1855

566. *Acanthopagrus berda* (Forsskål in Niebuhr, 1775)
567. *Acanthopagrus bifasciatus* (Forsskål in Niebuhr, 1775)

ARGYROPS Swainson, 1839

568. *Argyrops filamentosus* (Valenciennes, 1830)
569. *Argyrops megalommatus* (Klunzinger, 1870)
570. *Argyrops spinifer* (Forsskål in Niebuhr, 1775)

CHEIMERIUS Smith, 1938

571. *Cheimerius nufar* (Valenciennes, 1830)

CRENIDENS Valenciennes, 1830

572. *Crenidens crenidens crenidens* (Forsskål in Niebuhr, 1775)

DIPLODUS Rafinesque, 1810

573. *Diplodus noct* (Valenciennes, 1830)

POLYSTEGANUS Klunzinger, 1870

574. *Polysteganus coeruleopunctatus* (Klunzinger, 1870)

RHABDOSARGUS Fowler, 1933

575. *Rhabdosargus haffara* (Forsskål in Niebuhr, 1775)

576. *Rhabdosargus sarba* (Forsskål in Niebuhr, 1775)

SPARUS Linnaeus, 1758

577. *Sparus aurata* Linnaeus, 1758: 277
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Sparus aurata: Golani, 1993; Khalaf & Disi, 1997; Khalaf, 2004; Golani & Lerner, 2007

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ARGYROSOMUS De la Pylaie, 1835

578. *Argyrosomus regius* (Asso, 1801)

ATROBUCCA Chu, Lo & Wu, 1963

579. *Atrobucca geniae* Ben-Tuvia & Trewavas, 1987

MULLIDAE

MULLOIDICHTHYS Whitley, 1929

580. *Mulloidichthys flavolineatus* (Lacepède, 1801)*

581. *Mulloidichthys vanicolensis* (Valenciennes, 1831)*

PARUPENEUS Bleeker, 1863

582. *Parupeneus cyclostomus* (Lacepède, 1801)

583. *Parupeneus forsskali* (Fourmanoir & Guèzè, 1976)

584. *Parupeneus heptacanthus* (Lacepède, 1802)

585. *Parupeneus macronemus* (Lacepède, 1801)

586. *Parupeneus rubescens* (Lacepède, 1801)

UPENEUS Cuvier, 1829

587. *Upeneus davidaromi* Golani, 2001:112
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Upeneus davidaromi: Golani, 2001; Khalaf, 2004; Uiblein & Heemstra, 2010

588. *Upeneus guttatus* (Day, 1868): 938
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Upeneus guttatus: Uiblein & Heemstra, 2010

589. *Upeneus margarethae* Uiblein & Heemstra, 2010: 44
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590. *Upeneus moluccensis* (Bleeker, 1855)

591. *Upeneus pori* Ben-Tuvia & Golani, 1989

592. *Upeneus suahelicus* Uiblein & Heemstra, 2010: 50
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Upeneus suahelicus: Uiblein & Heemstra, 2010

593. *Upeneus sulphureus* Cuvier, 1829

594. *Upeneus tragula* Richardson, 1846

595. *Upeneus vittatus* (Forsskål in Niebuhr, 1775)

MONODACTYLIDAE

MONODACTYLUS Lacepède, 1801

596. *Monodactylus argenteus* (Linnaeus, 1758)

PEMPHERIDAE

PARAPRIACANTHUS Steindachner, 1870

597. *Parapriacanthus guentheri* (Klunzinger, 1871): 470
Verh. K.-K. Zool.-Bot Ges. Wien, 21 (as *Pempherichthys guentheri*)
Parapriacanthus guentheri: R. Mooi (pers. comm.)

PEMPHERIS Cuvier, 1829

598. *Pempheris rhomboidea* Kossmann & Räuber, 1877: 398
Verh. Naturh.Med. Ver. Heidelb. 1
Pempheris rhomboidea: Kossmann & Räuber, 1877; R. Mooi (pers. comm.)

599. *Pempheris schwenkii* Bleeker, 1855

KYPHOSIDAE

KYPHOSUS Lacepède, 1801

600. *Kyphosus bigibbus* Lacepède, 1801
601. *Kyphosus cinerascens* (Forsskål in Niebuhr, 1775)
602. *Kyphosus vaigiensis* (Quoy & Giamard, 1825)

EPHIPPIDAE

PLATAX Cuvier, 1816

603. *Platax orbicularis* (Forsskål in Niebuhr, 1775)
604. *Platax teira* (Forsskål in Niebuhr, 1775)

DREPANEIDAE

DREPANE Cuvier, 1831

605. *Drepane longimana* (Bloch & Scheinder, 1801): 229
Systema Ichthol. (as *Chaetodon longimanus*)
Drepane longimana: Randall, 1994a; Heemstra, 2001

CHAETODONTIDAE

CHAETODON Linnaeus, 1758

606. *Chaetodon auriga* Forsskål in Niebuhr, 1775
607. *Chaetodon austriacus* Rüppell, 1836
608. *Chaetodon fasciatus* Forsskål in Niebuhr, 1775
609. *Chaetodon larvatus* Cuvier, 1831
610. *Chaetodon leucopleura* Playfair, 1866
611. *Chaetodon lineolatus* Cuvier, 1831
612. *Chaetodon melannotus* Bloch & Schneider, 1801
613. *Chaetodon melapterus* Guichenot, 1862
614. *Chaetodon mesoleucos* Forsskål in Niebuhr, 1775
615. *Chaetodon paucifasciatus* Ahl, 1923
616. *Chaetodon pictus* Forsskål in Niebuhr, 1775: 65
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Chaetodon pictus: Forsskål in Niebuhr, 1775; Kuiter, 2002
617. *Chaetodon semilarvatus* Cuvier, 1831
618. *Chaetodon trifascialis* Quoy & Gaimard, 1825*

FORCIPIGER Jordan & McGregor, 1898

619. *Forcipiger flavissimus* Jordan & McGregor, 1898

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620. *Heniochus diphreutes* Jordan, 1903
621. *Heniochus intermedius* Steindachner, 1893

ROA Jordan, 1923
622. *Roa jayakari* (Norman, 1939)*

POMACANTHIDAE
APOLEMICHTHYS Burton, 1934
623. *Apolemichthys xanthotis* (Fraser-Brunner, 1950)
CENTROPYGE Kaup, 1860
624. *Centropyge multispinis* (Playfair, 1867)
GENICANTHUS Swainson, 1839
625. *Genicanthus caudovittatus* (Günther, 1860)
POMACANTHUS Lacepède, 1802
626. *Pomacanthus asfur* (Forsskål in Niebuhr, 1775)*
627. *Pomacanthus imperator* (Bloch, 1787)
628. *Pomacanthus maculosus* (Forsskål in Niebuhr, 1775)
PYGOPLITES Fraser-Brunner, 1933
629. *Pygoplites diacanthus* (Boddaert, 1772)

PENTACEROTIDAE
HISTIOPTERUS Temminck & Schlegel, 1844
630. *Histiopterus typus* Temminck & Schlegel, 1844

CICHLIDAE
TILAPIA Smith, 1840
631. *Tilapia zillii* (Gervais, 1848)

POMACENTRIDAE
AMPHIPRIONINAE
AMPHIPRION Bloch & Schneider, 1801
632. *Amphiprion bicinctus* Rüppell, 1830
CHROMINAE
CHROMIS Cuvier, 1814
633. *Chromis dimidiata* (Klunzinger, 1871)
634. *Chromis flavaxilla* Randall, 1994: 40
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Chromis flavaxilla: Randall, 1994b
635. *Chromis pelloura* Randall & Allen, 1982
636. *Chromis pembae* Smith, 1960
637. *Chromis trialpha* Allen & Randall, 1980
638. *Chromis viridis* (Cuvier, 1830)
639. *Chromis weberi* Fowler & Bean, 1928
DASCYLLUS Cuvier, 1829
640. *Dascyllus aruanus* (Linnaeus, 1758)
641. *Dascyllus marginatus* (Rüppell, 1829)
642. *Dascyllus trimaculatus* (Rüppell, 1829)
POMACENTRINAE
ABUDEFDUF Forsskål in Niebuhr, 1775
643. *Abudefduf sexfasciatus* (Lacepède, 1801)
644. *Abudefduf sordidus* (Forsskål in Niebuhr, 1775)
645. *Abudefduf vaigiensis* (Quoy & Gaimard, 1825)

AMBLYGLYPHIDODON Bleeker, 1877
646. *Amblyglyphidodon flavilatus* Allen & Randall, 1981
647. *Amblyglyphidodon indicus* Allen & Randall, 2002: 140
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Amblyglyphidodon indicus: Allen & Randall, 2002
CHRYSIPTERA Swainson, 1839
648. *Chrysiptera annulata* (Peters, 1855)
649. *Chrysiptera unimaculata* (Cuvier, 1830)
NEOGLYPHIDODON Allen, 1991
650. *Neoglyphidodon melas* (Cuvier, 1830)*
NEOPOMACENTRUS Allen, 1975
651. *Neopomacentrus cyanomos* (Bleeker, 1856)
652. *Neopomacentrus miryae* Dor & Allen, 1977
653. *Neopomacentrus xanthurus* Allen & Randall, 1980
PLECTROGLYPHIDODON Fowler & Ball, 1924
654. *Plectroglyphidodon lacrymatus* (Quoy & Gaimard, 1825)
655. *Plectroglyphidodon leucozonus cingulus* Klunzinger, 1871
POMACENTRUS Lacepède, 1802
656. *Pomacentrus albicaudatus* Baschieri-Salvadori, 1955
657. *Pomacentrus aquilus* Allen & Randall, 1980
658. *Pomacentrus leptus* Allen & Randall, 1980
659. *Pomacentrus sulfureus* Klunzinger, 1871
660. *Pomacentrus trichourus* Günther, 1867
661. *Pomacentrus trilineatus* Cuvier, 1830
PRISTOTIS Rüppell, 1838
662. *Pristotis cyanostigma* Rüppell, 1838
663. *Pristotis obtusirostris* (Günther, 1862): 24
Cat. Fishes 4 (as *Pomacentrus obtusirostris*)
Pristotis obtusirostris: Randall, 1995; Kuiter & Tonozuka, 2001
STEGASTES Jenyns, 1840
664. *Stegastes nigricans* (Lacepède, 1802)
665. *Stegastes punctatus* (Quoy & Gaimard, 1825): 395
Voyage Uranie, Zool. (as *Pomacentrus punctatus*)
Stegastes punctatus: Randall, 2004b, 2005
TEIXEIRICHTHYS Smith, 1953
666. *Teixeirichthys jordani* (Rutter, 1897)

CIRRHITIDAE
CIRRHITICHTHYS Bleeker, 1857
667. *Cirrhitichthys oxycephalus* (Bleeker, 1855)
CIRRHITUS Lacepède, 1803
668. *Cirrhitus pinnulatus* (Forster, 1801)
OXYCIRRHITES Bleeker, 1857
669. *Oxycirrhites typus* Bleeker, 1857
PARACIRRHITES Bleeker, 1875
670. *Paracirrhites forsteri* (Schneider, 1801)

MUGILIDAE
CRENIMUGIL Schultz, 1946
671. *Crenimugil crenilabis* (Forsskål in Niebuhr, 1775)

ELLOCHELON Whitley, 1930

672. *Ellochelon vaigiensis* (Quoy & Gaimard, 1825)*

LIZA Jordan & Swain, 1884

673. *Liza carinata* (Cuvier & Valenciennes, 1836)

674. *Liza planiceps* (Valenciennes, 1836): 122
Hist. Nat. Poss. 11 (as *Mugil planiceps*)
Liza planiceps: Harrison & Senou, 1999

675. *Liza subviridis* (Valenciennes, 1836)

MUGIL Linnaeus, 1758

676. *Mugil cephalus* Linnaeus, 1758

OEDALECHILUS Fowler, 1903

677. *Oedalechilus labiosus* (Valenciennes, 1836)

VALAMUGIL Smith, 1948

678. *Valamugil cunnesius* (Valenciennes, 1836)

679. *Valamugil seheli* (Forsskål in Niebuhr, 1775)

SPHYRAENIDAE

SPHYRAENINAE

SPHYRAENA Artedi, 1793

680. *Sphyraena barracuda* (Edwards, 1771)

681. *Sphyraena forsteri* Cuvier, 1829

682. *Sphyraena jello* Cuvier, 1829

683. *Sphyraena obtusata* Cuvier, 1829
Note: The replacement of *Sphyraena flavicauda* by *S. obtusata* (see Doiuchi & Nakabo, 2005) is taken with caution and need further study.

684. *Sphyraena pinguis* Günther, 1874: 157
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Sphyraena pinguis: Doiuchi & Nakado, 2005
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685. *Sphyraena putnamiae* Jordan & Seale, 1905

686. *Sphyraena qenie* Klunzinger, 1870

LABRIDAE

ANAMPSES Quoy & Gaimard, 1824

687. *Anampses caeruleopunctatus* Rüppell, 1829

688. *Anampses lineatus* Randall, 1972

689. *Anampses meleagrides* Valenciennes, 1840

690. *Anampses twistii* Bleeker, 1856

BODIANUS Bloch, 1790

691. *Bodianus anthioides* (Bennett, 1832)

692. *Bodianus axillaris* (Bennett, 1832)

693. *Bodianus diana* (Lacepède, 1801)

694. *Bodianus opercularis* (Guichenot, 1847)

695. *Bodianus trilineatus* (Fowler, 1934): 492
Proc. Acad. Nat. Sci. Phil. 86 (as *Lepidaplois trilineatus*)
Bodianus trilineatus: Khalaf & Zajonz, 2007

CHEILINUS Lacepède, 1801

696. *Cheilinus abudjubbe* Rüppell, 1835

697. *Cheilinus fasciatus* (Bloch, 1791)

698. *Cheilinus lunulatus* (Forsskål in Niebuhr, 1775)
699. *Cheilinus undulatus* Rüppell, 1835
CHEILIO Lacepède, 1802
700. *Cheilio inermis* (Forsskål in Niebuhr, 1775)
CHOERODON Bleeker, 1849
701. *Choerodon robustus* (Günther, 1862)
CIRRHILABRUS Temminck & Schlegel, 1845
702. *Cirrhilabrus blatteus* Springer & Randall, 1974
703. *Cirrhilabrus rubriventralis* Springer & Randall, 1974
CORIS Lacepède, 1801
704. *Coris aygula* Lacepède, 1801
705. *Coris caudimacula* (Quoy & Gaimard, 1834)
706. *Coris cuvieri* (Bennett, 1831): 128
Proc. Zool. Soc. Lond. 1830-31 (as *Julis cuvieri*)
Coris cuvieri: Randall, 1999; Parenti & Randall, 2000
707. *Coris formosa* (Bennett, 1830): Pl. 16
Fishes of Ceylon First Edition (as *Labrus formosus*)
Coris formosa: Parenti & Randall, 2000
708. *Coris variegata* (Rüppell, 1835)
EPIBULUS Cuvier, 1815
709. *Epibulus insidiator* (Pallas, 1770)
GOMPHOSUS Lacepède, 1801
710. *Gomphosus caeruleus klunzingeri* Klausewitz, 1962
HALICHOERES Rüppell, 1835
711. *Halichoeres hortulanus* (Lacepède, 1801)
712. *Halichoeres iridis* Randall & Smith, 1982: 17
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Halichoeres iridis: Randall, 1994a
713. *Halichoeres marginatus* Rüppell, 1835
714. *Halichoeres nebulosus* (Valenciennes, 1839)
715. *Halichoeres scapularis* (Bennett, 1832)
716. *Halichoeres zeylonicus* (Bennett, 1833)
HEMIGYMNUS Günther, 1861
717. *Hemigymnus fasciatus* (Bloch, 1792)
718. *Hemigymnus melapterus* (Bloch, 1791)
HOLOGYMNOSUS Lacepède, 1801
719. *Hologymnosus annulatus* (Lacepède, 1801)
720. *Hologymnosus doliatus* (Lacepède, 1801): 429
Hist. Nat. Poiss. v. 3. (as *Labrus doliatus*)
Hologymnosus doliatus: Randall, 1994a
INIISTIUS Gill, 1862
721. *Iniistius baldwini* (Jordan & Evermann, 1903): 192
Bull. U.S. Fish Comm. 22. (as *Hemipteronotus baldwini*)
Iniistius baldwini: Randall & Earle, 2002
722. *Iniistius bimaculatus* (Rüppell, 1829)*
723. *Iniistius javanicus* (Bleeker, 1862)*
724. *Iniistius pavo* (Valenciennes, 1840)*
725. *Iniistius pentadactylus* (Linnaeus, 1758)*
LABROIDES Bleeker, 1851
726. *Labroides dimidiatus* (Valenciennes, 1839)

LARABICUS Randall & Springer, 1973
727. *Larabicus quadrilineatus* (Rüppell, 1835)
MACROPHARYNGODON Bleeker, 1862
728. *Macropharyngodon bipartitus marisrubri* Randall, 1978
MINILABRUS Randall & Dor, 1980
729. *Minilabrus striatus* Randall & Dor, 1980
NOVACULICHTHYS Bleeker, 1862
730. *Novaculichthys taeniourus* (Lacepède, 1801)
NOVACULOIDES Randall & Earle, 2004
731. *Novaculoides macrolepidotus* (Bloch, 1791)*
OXYCHEILINUS Gill, 1862
732. *Oxycheilinus arenatus* (Valenciennes, 1840)*
733. *Oxycheilinus digramma* (Lacepède, 1802)*
734. *Oxycheilinus mentalis* (Rüppell, 1828)*
735. *Oxycheilinus orientalis* (Günther, 1862):132
Cat. Fishes 4 (as *Cheilinus orientalis*)
Oxycheilinus orientalis: Randall & Khalaf, 2003; Khalaf, 2004
PARACHEILINUS Fourmanoir, 1955
736. *Paracheilinus octotaenia* Fourmanoir, 1955
PSEUDOCHEILINUS Bleeker, 1862
737. *Pseudocheilinus evanidus* Jordan & Evermann, 1903
738. *Pseudocheilinus hexataenia* (Bleeker, 1857)
PSEUDODAX Bleeker, 1861
739. *Pseudodax moluccanus* (Valenciennes, 1840)
PTERAGOGUS Peters, 1855
740. *Pteragogus cryptus* Randall, 1981
741. *Pteragogus flagellifer* (Valenciennes, 1839): 249
Hist. Nat. Poiss. 13 (as *Ctenolabrus flagellifer*)
Pteragogus flagellifer: Parenti & Randall, 1998
742. *Pteragogus pelycus* Randall, 1981
STETHOJULIS Günther, 1861
743. *Stethojulis albovittata* (Bonnaterre, 1788)
744. *Stethojulis interrupta* (Bleeker, 1851)
SUEZICHTHYS Smith, 1958
745. *Suezichthys caudavittatus* (Steindachner, 1898)
746. *Suezichthys russelli* Randall, 1981
THALASSOMA Swainson, 1839
747. *Thalassoma lunare* (Linnaeus, 1758)
748. *Thalassoma purpureum* (Forsskål in Niebuhr, 1775)
749. *Thalassoma rueppellii* (Klunzinger, 1871): 536
Var. K.-K. Zoo.-Bot Ges. Wien
Thalassoma rueppellii: Randall & Miroz, 2001; Khalaf, 2004
WETMORELLA Fowler & Bean, 1928
750. *Wetmorella nigropinnata* (Seale, 1901)

SCARIDAE
SCARINAE
BOLBOMETOPON Smith, 1956
751. *Bolbometopon muricatum* (Valenciennes, 1840)

CETOSCARUS Smith, 1956
752. *Cetoscarus bicolor* (Rüppell, 1829)
CHLORURUS Swainson, 1839
753. *Chlorurus genazonatus* (Randall & Bruce, 1983)*
754. *Chlorurus gibbus* (Rüppell, 1829)*
755. *Chlorurus sordidus* (Forsskål in Niebuhr, 1775)*
HIPPOSCARUS Smith, 1956
756. *Hipposcarus harid* (Forsskål in Niebuhr, 1775)
SCARUS Forsskål in Niebuhr, 1775
757. *Scarus collana* Rüppell, 1835
758. *Scarus ferrugineus* Forsskål in Niebuhr, 1775
759. *Scarus frenatus* Lacepède, 1802
760. *Scarus fuscopurpureus* (Klunzinger, 1871)
761. *Scarus ghobban* Forsskål in Niebuhr, 1775
762. *Scarus niger* Forsskål in Niebuhr, 1775
763. *Scarus psittacus* Forsskål in Niebuhr, 1775
764. *Scarus rubroviolaceus* Bleeker, 1847: 162
Natuur. Geneesk Arch. Neerl. Ind. V. 4. (no. 2)
Scarus rubroviolaceus: Randall, 1994a
765. *Scarus scaber* Valenciennes, 1840
766. *Scarus viridifucatus* (Smith, 1956): 12
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. no. 1. (as *Callyodon viridifucatus*)
Scarus viridifucatus: Randall, 1994a
SPARISOMATINAE
CALOTOMUS Gilbert, 1890
767. *Calotomus viridescens* (Rüppell, 1835)
LEPTOSCARUS Swainson, 1839
768. *Leptoscarus vaigeinsis* (Quoy & Gaimard, 1824)

OPISTOGNATHIDAE
OPISTOGNATHUS Cuvier, 1816
769. *Opistognathus nigromarginatus* Rüppell, 1830
STALIX Jordan & Snyder, 1902
770. *Stalix davidsheni* Klausewitz, 1985

PINGUIPEDIDAE
PARAPERCIS Bleeker, 1863
771. *Parapercis hexophtalma* (Cuvier, 1829)
772. *Parapercis simulata* Schultz, 1968
773. *Parapercis somaliensis* Schultz, 1968: 10
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Parapercis somaliensis: Khalaf & Disi, 1997

PERCOPHIDAE
BEMBROPS Steindachner, 1876
774. *Bembrops adenensis* Norman, 1939

TRICHONOTIDAE
TRICHONOTUS Bloch & Schneider, 1801
775. *Trichonotus nikii* Clark & von Schmidt, 1966

CREEDIIDAE

LIMNICHTHYS Waite, 1904

776. *Limnichthys nitidus* Smith, 1958

URANOSCOPIDAE

URANOSCOPUS Linnaeus, 1758

777. *Uranoscopus bauchotae* Brüss, 1986
778. *Uranoscopus dahlakensis* Brüss, 1987
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780. *Uranoscopus guttatus* Cuvier, 1829
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782. *Uranoscopus scaber* Linnaeus, 1758
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784. *Champsodon capensis* Regan, 1908
785. *Champsodon omanensis* Regan, 1908

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SALARIINAE

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786. *Alloblennius jugularis* (Klunzinger, 1871)
787. *Alloblennius pictus* (Lotan, 1969)

ALTICUS Lacepède, 1800

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789. *Antennablennius adenensis* Fraser-Brunner, 1951
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791. *Antennablennius hypenetes* (Klunzinger, 1871)

ATROSALARIAS Whitley, 1933

792. *Atrosalarias fuscus* (Rüppell, 1838)

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793. *Blenniella periophthalmus* (Valenciennes, 1836)*

CIRRIPECTES Swainson, 1839

794. *Cirripectes castaneus* (Valenciennes, 1836)
795. *Cirripectes filamentosus* (Alleyne & Macleay, 1877)

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799. *Ecsenius gravieri* (Pellegrin, 1906)
800. *Ecsenius midas* Starck, 1969

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801. *Exallias brevis* (Kner, 1868)

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802. *Hirculops cornifer* (Rüppell, 1830)

ISTIBLENNIUS Whitley, 1943
803. *Istiblennius edentulus* (Forster & Schneider, 1801)
804. *Istiblennius flaviumbrinus* (Rüppell, 1830)
805. *Istiblennius pox* Springer & Williams, 1994: 96
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806. *Istiblennius rivulatus* (Rüppell, 1830)
807. *Istiblennius unicolor* (Rüppell, 1838)
MIMOBLENNIUS Smith-Vaniz & Springer, 1971
808. *Mimoblennius cirrosus* Smith-Vaniz & Springer, 1971
PARABLENNIUS Miranda-Ribeiro, 1915
809. *Parablennius cyclops* (Rüppell, 1830)
SALARIAS Cuvier, 1816
810. *Salarias fasciatus* (Bloch, 1786)
OMOBRANCHINAE
ENCHELYURUS Peters, 1869
811. *Enchelyurus kraussii* (Klunzinger, 1871)
812. *Enchelyurus petersi* (Kossmann & Räuber, 1877)
OMOBRANCHUS Valenciennes, 1836
813. *Omobranchus fasciolatus* (Valenciennes, 1836)
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815. *Omobranchus steinitzi* Springer & Gomon, 1975
NEMOPHINAE
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816. *Aspidontus dussumieri* (Valenciennes, 1836)
817. *Aspidontus tractus* Fowler, 1903*
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818. *Meiacanthus nigrolineatus* Smith-Vaniz, 1969
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819. *Petroscirtes ancylodon* Rüppell, 1835
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821. *Plagiotremus rhinorhynchos* (Bleeker, 1852)
822. *Plagiotremus tapeinosoma* (Bleeker, 1857)
823. *Plagiotremus townsendi* (Regan, 1905)
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824. *Xiphasia setifer* Swainson, 1839

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826. *Enneapterygius clarkae* Holleman, 1982
827. *Enneapterygius destai* Clark, 1980
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834. *Helcogramma steinitzi* Clark, 1980
NORFOLKIA Fowler, 1953
835. *Norfolkia brachylepis* (Schultz, 1960)

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836. *Lepadichthys erythraeus* Briggs & Link, 1963
837. *Lepadichthys lineatus* Briggs, 1966

CALLIONYMIDAE
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839. *Callionymus delicatulus* Smith, 1963
840. *Callionymus erythraeus* Ninni, 1934
841. *Callionymus filamentosus* Valenciennes, 1837
842. *Callionymus flavus* Fricke, 1983
843. *Callionymus gardineri* Regan, 1908
844. *Callionymus muscatensis* Regan, 1906
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846. *Diplogrammus gruveli* Smith, 1963
847. *Diplogrammus infulatus* Smith, 1963
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849. *Synchiropus sechellensis* Regan, 1908

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OXUDERCINAE
PERIOPHTHALMUS Bloch & Schneider, 1801
850. *Periophthalmus argentilineatus* Valenciennes, 1837
851. *Periophthalmus kalolo* Lesson, 1831
GOBIONELLINAE
GNATHOLEPIS Bleeker, 1874
852. *Gnatholepis anjerensis* (Bleeker, 1851)
853. *Oxyurichthys petersii* (Klunzinger, 1871): 480
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855. *Acentrogobius nebulosus* (Forsskål in Niebuhr, 1775)*
AMBLYELEOTRIS Bleeker, 1874
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859. *Amblyeleotris sungami* (Klausewitz, 1969)
860. *Amblyeleotris triguttata* Randall, 1994: 321
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861. *Amblyeleotris wheeleri* (Polunin & Lubbock, 1977): 88
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AMBLYGOBIUS Bleeker, 1874
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863. *Amblygobius esakiae* Herre, 1939: 306
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Amblygobius nocturnus: Randall *et al.*, 1994
865. *Amblygobius sewardii* (Playfair, 1867): 71
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Amblygobius sewardii: H. Larson, (pers. com.)
ARCYGOBIUS Larson & Wright, 2003
866. *Arcygobius baliurus* (Valenciennes, 1837)*
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867. *Asterropteryx semipunctata* Rüppell, 1830
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868. *Bathygobius cyclopterus* (Valenciennes, 1837)
869. *Bathygobius fuscus* (Rüppell, 1830)
BRYANINOPS Smith, 1959
870. *Bryaninops natans* Larson, 1985
871. *Bryaninops ridens* Smith, 1959
872. *Bryaninops yongei* (Davis & Cohen, 1968)
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873. *Callogobius amikami* Goren, Miroz & Baranes, 1991
874. *Callogobius bifasciatus* (Smith, 1958): 147
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875. *Callogobius dori* Goren, 1980
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878. *Coryogalops anomolus* Smith, 1958: 144
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882. *Coryphopterus maximus* Randall, 2001: 215
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Coryphopterus maximus: Randall, 2001b
883. *Coryphopterus neophytus* (Günther, 1877)*
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884. *Cryptocentroides arabicus* (Gmelin, 1789)
CRYPTOCENTRUS Valenciennes, 1837
885. *Cryptocentrus caeruleopunctatus* (Rüppell, 1830)
886. *Cryptocentrus cryptocentrus* (Valenciennes, 1837)
887. *Cryptocentrus fasciatus* (Playfair, 1867): 72
Fish. Zanzibar (as *Gobiosoma fasciatum*)
Cryptocentrus fasciatus: Randall, 1995
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889. *Ctenogobiops crocineus* Smith, 1959
890. *Ctenogobiops feroculus* Lubbock & Polunin, 1977
891. *Ctenogobiops maculosus* (Fourmanoir, 1955)
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892. *Discordipinna griessingeri* Hoese & Fourmanoir, 1978
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893. *Eviota distigma* Jordan & Seale, 1906
894. *Eviota guttata* Lachner & Karnella, 1978
895. *Eviota pardalota* Lachner & Karnella, 1978
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897. *Eviota sebreei* Jordan & Seale, 1906
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FEIA Smith, 1959
900. *Feia nympha* Smith 1959: 206
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901. *Gladiogobius rex* Shibukawa & Allen, 2007: 204
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902. *Glossogobius giuris* (Hamilton, 1822)
GOBIODON Bleeker, 1856
903. *Gobiodon citrinus* (Rüppell, 1838)
904. *Gobiodon histrio* (Valenciennes, 1837): 132
Hist. Nat. Poiss. 12 (as *Gobius histrio*)
Gobiodon histrio: Herler & Hilgers, 2005
905. *Gobiodon prolixus* Winterbottom & Harold 2005: 583
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906. *Gobiodon reticulatus* Playfair, 1867
907. *Gobiodon rivulatus* (Rüppell, 1830)

GOBIUS Linnaeus, 1758

908. *Gobius cobitis* Pallas, 1811

909. *Gobius paganellus* Linnaeus, 1758

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910. *Hetereleotris bipunctata* Tortonese, 1976

911. *Hetereleotris diademata* (Rüppell, 1830)

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ISTIGOBIUS Whitley, 1932

913. *Istigobius decoratus* (Herre, 1927)

914. *Istigobius ornatus* (Rüppell, 1830)

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915. *Koumansetta hectori* (Smith, 1957)*

LOTILIA Klausewitz, 1960

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919. *Obliquogobius turkayi* Goren, 1992

OPLOPOMOPS Smith, 1959

920. *Oplopomops elati* Goren, 1984

OPLOPOMUS Valenciennes, 1837

921. *Oplopomus oplopomus* (Valenciennes, 1837)

PALUTRUS Smith, 1959

922. *Palutrus scapulopunctatus* (de Beaufort, 1912): 137
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Palutrus scapulopunctatus: D. Hoese (pers. comm.)

PAPILLOGOBIUS Gill & Miller, 1990

923. *Papillogobius melanobranchus* (Fowler, 1934): 82
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Papillogobius melanobranchus: Bogorodsky, Kovacic & Randall (in prep.). Based on two specimens (PMR VP2218).

924. *Papillogobius reichei* (Bleeker, 1853)

PARAGOBIODON Bleeker, 1873

925. *Paragobiodon echinocephalus* (Rüppell, 1830)

926. *Paragobiodon xanthosoma* (Bleeker, 1852)

PLEUROSICYA Weber, 1913

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Pleurosicya micheli: Herler & Hilgers, 2005

928. *Pleurosicya mossambica* Smith, 1959

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930. *Pleurosicya prognatha* Goren, 1984

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931. *Priolepis cincta* (Regan, 1908)

932. *Priolepis goldshmidtae* Goren & Baranes, 1995: 344
Cybium, 19
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933. *Priolepis randalli* Winterbottom & Burridge, 1992: 1942
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Priolepis randalli: Winterbottom & Burridge, 1992

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PSILOGOBIUS Baldwin, 1972

935. *Psilogobius randalli* (Goren & Karplus, 1983)
SILHOUETTEA Smith, 1959

936. *Silhouettea aegyptia* (Chabanaud, 1933)

937. *Silhouettea insinuans* Smith, 1959
TOMIYAMICHTHYS Smith, 1956

938. *Tomiyamichthys fourmanoiri* (Smith, 1956): 553
Ann. Mag. Nat. His. (ser. 12), 9 (as *Flabellgoobius fourmanoiri*)
Tomiyamichthys fourmanoiri: Bogorodsky, Kovacic & Randall (in prep.). Based on two specimens (BPBM 21861 and AMS I.1953-001).

939. *Tomiyamichthys latruncularia* (Klausewitz, 1974)*
TRIMMA Jordan & Seale, 1906

940. *Trimma avidori* (Goren, 1978)

941. *Trimma barralli* Winterbottom, 1995: 93
Rev. Fr. Aquariol. 22
Trimma barralli: Winterbottom, 1995

942. *Trimma filamentosum* Winterbottom, 1995: 94
Rev. Fr. Aquariol. 22
Trimma filamentosus: Winterbottom, 1995

943. *Trimma fishelsoni* Goren, 1985

944. *Trimma flammeum* (Smith, 1959): 209
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. No 13. (as *Zonogogius flammeus*)
Trimma flammeum: Randall, 1994a

945. *Trimma flavicaudatum* (Goren, 1982)

946. *Trimma mendelssohni* (Goren, 1978)

947. *Trimma sheppardi* Winterbottom, 1984: 709
Can J. Zool. 62
Trimma sheppardi Winterbottom, 1995

948. *Trimma taylori* Lobel, 1979: 2
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Trimma taylori: Randall, 1994a

949. *Trimma tevegae* Cohen & Davis, 1969: 321
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Trimmatom nanus: Bogorodsky, Kovacic & Larson (in prep.). Based on one specimen (ROM 84988).

VALENCIENNEA Bleeker, 1856

951. *Valenciennea helsdingenii* (Bleeker, 1858): 212

Natuurkd. Tijdschr. Neder. Indië v. 15 (as *Eleotriodes helsdingenii*)
Valenciennea helsdingenii: Randall, 1994a

952. *Valenciennea puellaris* (Tomiyama, 1956)

953. *Valenciennea sexguttata* (Valenciennes, 1837)

954. *Valenciennea wardii* (Playfair, 1867): 73
Fish. Zanzibar
Valenciennea wardii: Hoese & Larson, 1994

VANDERHORSTIA Smith, 1949

955. *Vanderhorstia ambanoro* (Fourmanoir, 1957): 245
Mem. Inst. Rech. Madagascar, Ser F Oceeanogr. 1 (as *Cryptocentrus ambanoro*)
Vanderhorstia ambanoro: Randall & Goren, 1993

956. *Vanderhorstia delagoae* (Barnard, 1937)

957. *Vanderhorstia mertensi* Klausewitz, 1974

958. *Vanderhorstia opercularis* Randall, 2007: 20
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Vanderhorstia opercularis: Randall, 2007a

959. *Vanderhorstia ornatissima* Smith, 1959: 192
Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol. 13
*Vanderhorstia ornatissima***:** Bogorodsky, Kovacic & Randall (in prep.). Based on one specimen (USNM 00339586).

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Gunnellichthys monostigma: Randall & Goren, 1993; Randall & Shen, 2002

PARAGUNNELLICHTHYS Dawson, 1967

961. *Paragunnellichthys springeri* Dawson, 1970

PTERELEOTRIDAE

NEMATELEOTRIS Fowler, 1938

962. *Nemateleotris decora* Randall & Allen, 1973: 361
Q.J. Taiwan Mus. (Taipei) 26
Nemateleotris decora Randall & Shen, 2002

PTERELEOTRIS Gill, 1863

963. *Ptereleotris arabica* Randall & Hoese, 1985

964. *Ptereleotris evides* (Jordan & Hubbs, 1925)

965. *Ptereleotris heteroptera* (Bleeker, 1855)

966. *Ptereleotris microlepis* (Bleeker, 1856)

967. *Ptereleotris zebra* (Fowler, 1938)

KRAEMERIIDAE

KRAEMERIA Steindachner, 1906

968. *Kraemeria samoensis* Steindachner, 1906: 1409
Sitzungsber. Akad. Wiss. Wien 115
Kraemeria samoensis: Randall, 2005

XENISTHMIDAE

XENISTHMUS Snyder, 1908

969. *Xenisthmus polyzonatus* (Klunzinger, 1871)

SCHINDLERIIDAE

SCHINDLERIA Giltay, 1934

970. *Schindleria* sp.

Schindleria sp.: Abu El-Regal & Kon, 2008

ACANTHURIDAE

ACANTURINAE

ACANTHURUS Forsskål, 1775

971. *Acanthurus gahhm* (Forsskål, 1775)

Note: Author given as *Acanthurus gahhm* (Gmelin [ex. Forsskål], 1789) by Fricke (2008).

972. *Acanthurus mata* Cuvier, 1829: 54

Hist. Nat. Poiss. 9 (as *Caranx mata*)

Acanthurus mata: Randall, 2002

973. *Acanthurus nigrofuscus* (Forsskål, 1775)

974. *Acanthurus sohal* (Forsskål, 1775)

Note: Author given as *Acanthurus sohal* (Gmelin [ex. Forsskål], 1789) by Fricke (2008).

CTENOCHAETUS Gill, 1884

975. *Ctenochaetus striatus* (Quoy & Gaimard, 1825)

ZEBRASOMA Swainson, 1839

976. *Zebrasoma desjardinii* (Bennett, 1836): 207

Proc. Zool. Lond. 1835 (as *Acanthurus desjardinii*)

Zebrasoma desjardinii: Randall, 2002

977. *Zebrasoma xanthurum* (Blyth, 1852)

NASINAE

NASO Lacepède, 1801

978. *Naso annulatus* (Quoy & Gaimard, 1825)

979. *Naso brevirostris* (Cuvier, 1829)

980. *Naso elegans* (Rüppell, 1829): 61

Fische Rothen Meeres 1828-30 (as *Aspisurus elegans*)

Naso elegans: Randall, 2002

981. *Naso hexacanthus* (Bleeker, 1855)

982. *Naso unicornis* (Forsskål, 1775)

SIGANIDAE

SIGANUS Forsskål, 1775

983. *Siganus argenteus* (Quoy & Gaimard, 1825)

984. *Siganus luridus* (Rüppell, 1829)

985. *Siganus rivulatus* Forsskål, 1775

986. *Siganus stellatus stellatus* (Forsskål, 1775)

TRICHIURIDAE

TENTORICEPS Whitley, 1948

987. *Tentoriceps cristatus* (Klunzinger, 1884)

TRICHIURUS Linnaeus, 1758

988. *Trichiurus auriga* Klunzinger, 1884

989. *Trichiurus lepturus* Linnaeus, 1758

GEMPYLIDAE

THYRSITOIDES Fowler, 1929

990. *Thyrsitoides marleyi* Fowler, 1929

SCOMBRIDAE

AUXIS Cuvier, 1829

991. *Auxis thazard thazard* (Lacepède, 1800)

EUTHYNNUS Lütken, 1883

992. *Euthynnus affinis* (Cantor, 1849)

GRAMMATORCYNUS Gill, 1862

993. *Grammatorcynus bilineatus* (Rüppell, 1836)

GYMNOSARDA Gill, 1862

994. *Gymnosarda unicolor* (Rüppell, 1836)

KATSUWONUS Kishinouye, 1915

995. *Katsuwonus pelamis* (Linnaeus, 1758)

RASTRELLIGER Jordan & Starks, 1908

996. *Rastrelliger kanagurta* (Cuvier, 1816)

SARDA Cuvier, 1829

997. *Sarda orientalis* (Temminck & Schlegel, 1844)

SCOMBER Linnaeus, 1758

998. *Scomber australasicus* Cuvier, 1832: 49
Hist. Nat. Poiss. 8
Scomber australasicus: Baker & Collette, 1998

SCOMBEROMORUS Lacepède, 1801

999. *Scomberomorus commerson* (Lacepède, 1800)

THUNNUS South, 1845

1000. *Thunnus alalunga* (Bonnaterre, 1788): 139
Tabl. encyclop. method. Ichthyol.
Thunnus alalunga: Khalaf *et al.*,1996; Khalaf, 2004

1001. *Thunnus albacares* (Bonnaterre, 1788)

1002. *Thunnus tonggol* (Bleeker, 1851)

ISTIOPHORIDAE

ISTIOPHORUS Lacepède, 1801

1003. *Istiophorus platypterus* (Shaw, 1792)

XIPHIIDAE

XIPHIAS Linnaeus, 1758

1004. *Xiphias gladius* Linnaeus, 1758

ARIOMMATIDAE

ARIOMMA Jordan & Snyder, 1904

1005. *Ariomma brevimanum* (Klunzinger, 1884)

1006. *Ariomma indicum* (Day, 1871): 690
Proc. Zool. Soc. Lond. 1870 (as *Cubiceps indicus*)
Ariomma indica: Parin & Piotrovsky, 2004

PLEURONECTIFORMES

PSETTODIDAE

PSETTODES Bennett, 1831

1007. *Psettodes erumei* (Bloch & Schneider, 1801)

BOTHIDAE

ARNOGLOSSUS Bleeker, 1862

1008. *Arnoglossus macrolophus* Alcock, 1889: 280
J. Asiatic Soc. Bengal 58
Arnoglossus macrolophus: Arai & Amaoka, 1996

1009. *Arnoglossus marisrubri* Klausewitz & Schneider, 1986

ASTERORHOMBUS Tanaka, 1915

1010. *Asterorhombus intermedius* (Bleeker, 1865)*

BOTHUS Rafinesque, 1810

1011. *Bothus pantherinus* (Rüppell, 1830)

ENGYPROSOPON Günther, 1862

1012. *Engyprosopon grandisquama* (Temminck & Schlegel, 1846)

1013. *Engyprosopon hureaui* Quèro & Golani, 1990

1014. *Engyprosopon latifrons* (Regan, 1908)

1015. *Engyprosopon macrolepis* (Regan, 1908): 233
Trans. Linn. Soc. London (Ser. 2 Zool.) (as *Scaeops macrolepis*)
Engyprosopon macrolepis: Hensley & Randall, 1990; Randall, 2005

LAEOPS Günther, 1880

1016. *Laeops sinusarabici* Chabanaud, 1968: 838
Bull. Mus. Natl. Hist. Nat. (Sér. 2) 39
Laeops sinusarabici: Chabanaud, 1968

PARABOTHUS Norman, 1931

1017. *Parabothus budkeri* (Chabanaud, 1942)*

PARALICHTHYIDAE

PSEUDORHOMBUS Bleeker, 1862

1018. *Pseudorhombus elevatus* Ogilby, 1912

SAMARIDAE

SAMARIS Gray, 1831

1019. *Samaris cristatus* Gray, 1831

SAMARISCUS Gilbert, 1905

1020. *Samariscus inornatus* (Lloyd, 1909): 160
Mem. India Mus 2 (as *Smaris inornatus*)
Samariscus inornatus: Hensley, 1993

SOLEIDAE

AESOPIA Kaup, 1858

1021. *Aesopia cornuta* (Kaup, 1858)

ASERAGGODES Kaup, 1858

1022. *Aseraggodes sinusarabici* Chabanaud, 1931

1023. *Aseraggodes steinitzi* Joglekar, 1970: 166
J. Mar. Biol. Assoc. India 12 (1).
Aseraggodes steinitzi: Joglekar, 1970; Randall & Gon, 2005

PARDACHIRUS Günther, 1862

1024. *Pardachirus marmoratus* (Lacepède, 1802)

SOLEICHTHYS Bleeker, 1860

1025. *Soleichthys dori* Randall & Munroe, 2008: 77
Electr. J. Ichthyol. 2
Soleichthys dori: Randall & Munroe, 2008

CYNOGLOSSIDAE

CYNOGLOSSUS Hamilton, 1822

1026. *Cynoglossus acutirostris* Norman, 1939
1027. *Cynoglossus bilineatus* (Lacepède, 1802)
1028. *Cynoglossus dollfusi* (Chabanaud, 1931)
1029. *Cynoglossus lachneri* Menon, 1977
1030. *Cynoglossus lingua* Hamilton, 1822
1031. *Cynoglossus pottii* Steindachner, 1902
1032. *Cynoglossus sinusarabici* (Chabanaud, 1931)

PARAPLAGUSIA Bleeker, 1865

1033. *Paraplagusia bilineata* (Bloch, 1787)

TETRAODONTIFORMES

BALISTIDAE

ABALISTES Jordan & Seale, 1906

1034. *Abalistes stellatus* (Anonymous [Lacepède], 1798)

BALISTAPUS Tilesius, 1820

1035. *Balistapus undulatus* (Park, 1797)

BALISTOIDES Fraser-Brunner, 1935

1036. *Balistoides viridescens* (Bloch & Schneider, 1801)

CANTHIDERMIS Swainson, 1839

1037. *Canthidermis macrolepis* (Boulenger, 1888): 666
Proc. Zool. Soc. Lond. 1887
Canthidermis macrolepis: Gill & Randall, 1997; Baranes, 2005

ODONUS Gistel, 1848

1038. *Odonus niger* (Rüppell, 1836)

PSEUDOBALISTES Bleeker, 1865

1039. *Pseudobalistes flavimarginatus* (Rüppell, 1829)
1040. *Pseudobalistes fuscus* (Bloch & Schneider, 1801)

RHINECANTHUS Swainson, 1839

1041. *Rhinecanthus assasi* (Forsskål in Niebuhr, 1775)

SUFFLAMEN Jordan, 1916

1042. *Sufflamen albicaudatum* (Rüppell, 1829)
1043. *Sufflamen fraenatum* (Latreille, 1804)

MONACANTHIDAE

ALUTERUS Cloquet, 1816

1044. *Aluterus monoceros* Linnaeus, 1758
1045. *Aluterus scriptus* (Osbeck, 1765)

AMANSES Gray, 1835

1046. *Amanses scopas* (Cuvier, 1829)

BRACHALUTERES Bleeker, 1865

1047. *Brachaluteres fahaqa* Clark & Gohar, 1953*

CANTHERHINES Swainson, 1839

1048. *Cantherhines pardalis* (Rüppell, 1830)

OXYMONACANTHUS Bleeker, 1865

1049. *Oxymonacanthus halli* Marshall, 1952

PARALUTERES Bleeker, 1865

1050. *Paraluteres arqat* Clark & Gohar, 1953

PARAMONACANTHUS Bleeker, 1865

1051. *Paramonacanthus nematophorus* (Günther, 1870): 241
Cat. Fishes 8 (as *Monacanthus nematophorus*)
Paramonacanthus nematophorus: Hutchins, 1997

1052. *Paramonacanthus pusillus* (Rüppell, 1829)*

PERVAGOR Whitley, 1930

1053. *Pervagor randalli* Hutchins, 1986

STEPHANOLEPIS Gill, 1861

1054. *Stephanolepis diaspros* Fraser-Brunner, 1940

THAMNACONUS Smith, 1949

1055. *Thamnaconus modestoides erythraeensis* Bauchot & Maugé, 1978

OSTRACIIDAE

LACTORIA Jordan & Fowler, 1902

1056. *Lactoria cornuta* (Linnaeus, 1758)

OSTRACION Linnaeus, 1758

1057. *Ostracion cubicus* Linnaeus, 1758

1058. *Ostracion cyanurus* Rüppell, 1829

TETROSOMUS Swainson, 1839

1059. *Tetrosomus gibbosus* (Linnaeus, 1758)

TETRAODONTIDAE

TETRAODONTINAE

AROTHRON Müller, 1841

1060. *Arothron diadematus* (Rüppell, 1829): 65
Fische Rothen Meeres 1828-30 (as *Tetraodon diadematus*)
Tetraodon diadematus: Rüppell, 1829; Khalaf, 2004, (other citation: see Dor, 1984 as synonyms of *Arothron nigropunctatus* Bloch & Schneider, 1801)

1061. *Arothron hispidus* (Linnaeus, 1758)

1062. *Arothron immaculatus* (Bloch & Schneider, 1801)

1063 *Arothron reticularis* (Bloch & Schneider, 1801)

1064. *Arothron stellatus* (Bloch & Schneider, 1801)

LAGOCEPHALUS Swainson, 1839

1065. *Lagocephalus lunaris* (Bloch & Schneider, 1801)

1066. *Lagocephalus sceleratus* (Gmelin, 1789)

1067. *Lagocephalus spadiceus* (Richardson, 1845)

1068. *Lagocephalus suezensis* Clark & Gohar, 1953

TORQUIGENER Whitley, 1930

1069. *Torquigener flavimaculosus* Hardy & Randall, 1983

CANTHIGASTRINAE

CANTHIGASTER Swainson, 1839

1070. *Canthigaster cyanospilota* Randall, Williams & Rocha, 2008: 7
Smiths. Pub. Aquat. Biodiv. Bull. 9
Canthigaster cyanospilota: Randall, Williams & Rocha, 2008

1071. *Canthigaster margaritata* (Rüppell, 1829)

1072. *Canthigaster pygmaea* Allen & Randall, 1977

DIODONTIDAE

CYCLICHTHYS Kaup, 1855

1073. *Cyclichthys orbicularis* (Bloch, 1785)*

1074. *Cyclichthys spilostylus* (Leis & Randall, 1982)*
DIODON Linnaeus, 1758
1075. *Diodon hystrix* Linnaeus, 1758
1076. *Diodon liturosus* Shaw, 1804: 436
Genral Zool. v. 5
Diodon liturosus: Randall, 1994a

MOLIDAE
MASTURUS Gill, 1884
1077. *Masturus lanceolatus* (Liénard, 1841)
MOLA Koelreuter, 1766
1078. *Mola mola* (Linnaeus, 1758): 334
Syst. Nat. ed X.
Mola mola: Khalaf, 2005

An annotated list of species previously included in CLOFRES II and other later literature, but now excluded

ODONTASPIDIDAE

***Eugomphodus taurus* (Rafinesque, 1810)**

Junior synonym of *Carcharias taurus* Rafinesque, 1810 as of Compagno (2001).

GINGLYMOSTOMATIDAE

***Nebrius concolor* Rüppell, 1837**

Junior synonym of *Nebrius ferrugineus* (Lesson, 1831) as of Compagno (2001).

LAMNIDAE

***Carcharodon carcharias* (Linnaeus, 1758)**

Dor 1984 included this species (as *Squalus carcharias*) and mentioned that it is "probably mistaken" based on Fowler's list (1956). Therefore Compagno (1983, 1984a, 1984 b, 2001) included the Red Sea in the distribution maps of this species, although no specimen was recorded for verification.

ALOPIIDAE

***Alopias vulpinus* (Bonnaterre, 1810)**

The only record from the Red Sea (Gohar and Mazhar, 1964) was evidently a misidentification. Therefore Compagno (2001) did not include the Red Sea in the distribution map.

HEMISCYLLIIDAE

***Hemiscyllium colax* Fowler, 1941**

Its inclusion in the CLOFRES list was based on an erroneous statement by Fowler (1941). It is a junior synonym of *Chiloscyllium indicus* (Gmelin, 1789) which does not occur in the Red Sea (Compagno, 1983).

***Hemiscyllium griseum* Fowler, 1941**

Its inclusion in the list is based on an erroneous mentioning by Fowler (1941). This species is placed in the genus *Chiloscyllium* and does not occur in the Red Sea (Compagno, 2001).

CARCHARHINIDAE

***Carcharhinus dussumieri* (Valenciennes, 1841)**

According Compagno (1983) the single record of this species from the Red Sea (Ben-Tuvia, 1968) is based on a misidentification.

***Carcharhinus menisorrah* (Valenciennes, 1841)**

Junior synonym of *C. falciformis* (Müller & Henle, 1839) as of Compagno (1984b) and Randall (2005).

***Carcharhinus spallanzani* (Péron & Lesueur, 1822)**

Junior synonym of *C. sorrah* (Müller & Henle, 1839) as of Compagno (1984) and Randall (1995).

***Carcharhinus wheeleri* Garrick, 1982**

Junior synonym of *C. amblyrhynchos* (Bleeker, 1856) as of Randall (1995); Bonfil & Abdallah (2004); Compagno *et al*. (2005).

TRIAKIDAE

***Mustelus manazo* Bleeker, 1854**

This species does not occur in the Red Sea. All previous records (see Dor, 1984) are misidentifications (Baranes, pers. comm.).

SQUATINIDAE

***Squatina squatina* (Linnaeus, 1758)**

The inclusion of this Atlanto-Mediterranean species was based on Fowler (1956) and an evidently erroneous record by Kossmann and Räuber (1877).

PRISTIDAE

***Pristis pectinata* Latham, 1794**

According to Compagno *et al.* (2005) "….the presence of this species in the Indo-West Pacific seems unlikely" therefore all Red Sea records (see Dor, 1984) are misidentifications of *Pristis zijsron* Bleeker, 1851.

RHINOBATIDAE

***Rhinobatos cemiculus* Geoffroy Saint-Hilaire, 1817**

Bertin (1939) reported this Atlanto-Mediterranean species from the Red Sea based on a specimen collected by Geoffroy Saint-Hilaire in the Mediterranean (Dor, 1984).

***Rhinobatos granulatus* Cuvier, 1829**

The reports of this species from the Red Sea were not confirmed (Compagno & Last, 1999).

***Rhinobatos obtusus* Müller & Henle, 1841**

The reports of this species from the Red Sea were not confirmed (Compagno & Last, 1999).

***Rhinobatos schlegelii* Müller & Henle, 1841**

The reports of this species from the Red Sea were not confirmed (Compagno & Last, 1999).

RAJIDAE

***Raja pastinaca* Linnaeus, 1758**

Gmelin (1789) mistakenly mentioned the variety 'uarnak' of this Atlanto-Mediterranean species as occurring in the Red Sea, based on *Himantura uarnak* (Forsskål in Niebur, 1775). Later Misra (1969) referred to *Dasyatis (Dasyatis) pastinaca* as being quoted to occur in the Red Sea.

DASYATIDAE

***Taeniura grabata* (Geoffroy Saint-Hilaire, 1817)**

Fowler (1956) reported this Atlanto-Mediterranean species from the Red Sea based on a specimen collected by Geoffroy Saint-Hilaire in Alexandria, Egypt (Dor, 1984).

***Taeniura melanospilos* Bleeker, 1853**

Junior synonym of *T. meyeni* Müller & Henle, 1841 as of Last & Compagno (1999) and Bonfil & Abdallah (2004).

***Urogymnus africanus* Fowler, 1956**

Junior synonym of *U. asperrimus* (Bloch & Schneider, 1801) as of Last & Compagno (1999) and Bonfil & Abdallah (2004).

GYMNURIDAE

***Gymnura tentaculata* (Müller & Henle, 1841)**

This species, now placed in the genus *Aetoplatea*, does not occur in the Red Sea. Dor (1984) included it in the list based only on erroneous quotations.

MYLIOBATIDAE

***Aetobatus ocellata* (Kuhl, 1823)**

The species was mentioned by Misra (1969) as occurring in the Red Sea but no specimen was recorded for confirmation. The taxonomic status of this western Pacific species is not clear (Compagno and Last, 1999).

MOBULIDAE

***Manta ehrenbergii* (Müller & Henle, 1841)**

Junior synonym of *Manta birostris* (Walbaum, 1792) as of Compagno (1999), Marshall *et al.* (2009).

***Mobula diabolus* (Shaw, 1804)**

Synonym of *Mobula mobular* (Bonnaterre, 1788) as of Eschmeyer (1998).

ALBULIDAE

***Albula vulpes* (Linnaeus, 1758)**

This species occurs in the Atlantic Ocean (Randall & Bauchot, 1999); in the Red Sea it is replaced by *A. glossodonta* (Forsskål in Niebuhr, 1775).

ANGUILLIDAE

***Anguilla anguilla* (Linnaeus, 1758)**

Several specimens were recorded erroneously as originating from the Red Sea. This species does not exist in the Red Sea (Dor, 1984).

MURAENIDAE

***Gymnothorax afer* (Bloch, 1795)**

Pellegrin (1912) recorded erroneously this eastern Atlantic species from Massawa probably as misidentification of *G. hepaticus* (see Randall and Golani, 1995).

***Gymnothorax corallinus* (Klunzinger, 1871)**

Junior synonym of *G. buroensis* (Bleeker, 1857) as of Randall and Golani (1995).

***Gymnothorax herrei* Beebe & Tee-Van, 1933**

According to Böhlke (2000) this species is restricted to the western Pacific Ocean; the record of Randall & Golani (1995) is a misidentification of *Gymnothorax pseudoherrei* Böhlke, 2000.

***Gymnothorax meleagris* (Shaw & Nodder, 1795)**

Several authors reported this species from the Red Sea (Ben-Tuvia and Steinitz, 1952; Marshall, 1952; Tortonese, 1955; Fowler and Steinitz, 1956). However Randall and Golani (1995) showed that all should be considered as invalid records.

***Gymnothorax monochrous* (Bleeker, 1856)**

In his revision of the moray eels of the Red Sea and western Indian Ocean, Smith (1962) mentioned this species as being in the Red Sea, but no record was found for substantiation. Probably a misidentification of *Gymnothorax hepaticus* (D. Smith, pers. comm.)

***Gymnothorax punctatofasciatus* Bleeker, 1856**

Randall & Golani (1995) reported this species from the Red Sea as a misidentification of *Gymnothorax randalli* Smith & Böhlke, 1997.

***Leptocephalus erythraeus* D'Ancona, 1928**

D'Ancona (1928) described this unidentifiable species from a postlarvae collected in Assab.

***Leptocephalus grassianus* D'Ancona, 1928**

D'Ancona (1928) described this unidentifiable species from a postlarvae collected in the southern Red Sea.

***Leptocephalus muraenoides* D'Ancona, 1928**

D'Ancona (1928) described this unidentifiable species from a postlarvae collected in Assab.

Siderea thyrsoidea (Richardson, 1845)

Debelius (1998) presented a photograph of this species allegedly taken in the Red Sea. However this species does not occur in the Red Sea and the photograph was taken elsewhere (D. Smith, pers. comm). It is now placed in the genus *Gymnothorax.*

***Thyrosidea macrura* (Bleeker, 1854)**

Junior synonym of *Strophidon sathete* (Hamilton, 1822) as of Randall & Golani (1995) and Böhlke (1997). The generic name is now spelled *Thyrsoidea*.

***Uropterygius makatei* Gosline, 1958**

This species was reported by Randall & Golani (1995) but now it is considered as a junior synonym of *Uropterygius macrocephalus* (Bleeker, 1865) (D. Smith, pers. comm.).

CONGRIDAE

***Ariosoma balearicum* (Delaroche, 1809)**

All Red Sea records previously identified as *Ariosoma balearicum* are a misidentification of *Ariosoma sanzoi* (D'Ancona, 1928) (D. Smith, pers. comm.)

***Ariosoma mauritianum* (Pappenheim, 1914)**

All previous Red Sea records of this species (see: Dor, 1984) are evidently misidentifications. This species was included by Castle (1968) on the basis of *Leptocephalus macrenteron* described from the Red Sea and placed tentatively in synonymy of *A. mauritianum*. No adults are known for this species from the Red Sea.

The type is in poor condition (Eschmeyer, 1998; Eschmeyer & Fricke, 2009) and not identifiable (D. Smith, pers. comm.), so that the species need a neotype designation.

***Ariosoma scheelei* (Strömman, 1896)**

All Red Sea records of this Indo-Pacific species are probably misidentifications of *A. sanzoi*; therefore Castle (1986) did not include it in the Red Sea.

OPHICHTHIDAE

***Callechelys striata* Smith, 1957**

It is a junior synonym of *Callechelys catostoma* (Schneider and Forster, 1801) as of McCosker (1998) which is found in the Red Sea.

***Lamnostoma orientalis* (McClelland, 1844)**

The inclusion of this species in the Red Sea was based merely on a distribution map (Castle, 1984) but no specimen was recorded for verification.

***Leptocephalus arabicus* D'Ancona, 1928**

Despite clear and explicit indications that this species does not exist in the Red Sea, it was included in CLOFRES (Dor, 1984). This western Indian Ocean species is placed in the genus *Gavialiceps* (see, Karmovskaya, 1994).

***Leptocephalus synaphobranchoides* D'Ancona, 1928**

This species is of uncertain identity from an unknown family (Dor, 1984).

***Leptocephalus vermicularis* Southwell and Prashad, 1919**

This species is of uncertain identity from an unknown family (Dor, 1984).

***Ophichthus retifer* Fowler, 1935**

Junior synonym of *Ophichthys erabo* (Jordan & Snyder, 1901) as of (McCosker & Castle, 1986).

CLUPEIDAE

***Amblygaster leiogaster* (Valenciennes, 1847)**

This Indo- Pacific species is not found in the Red Sea (Whitehead, 1985).

***Dussumieria acuta* Valenciennes, 1847**

This Indo- Pacific species is not found in the Red Sea (Whitehead, 1985).

***Herklotsichthys lossei* Wongratana, 1983**

There is no substantiated record from the Red Sea (Whitehead, 1985).

***Hilsa kelee* (Cuvier, 1829)**

The inclusion of this species in the Red Sea was based merely on (an erroneous) distribution map (Whitehead & Wongratana, 1984) but no specimen was recorded for verification. In his later work Whitehead (1985) did not include the Red Sea in the distribution of this species.

***Sardinella gibbosa* (Bleeker, 1849)**

Several reports of this species from the Red Sea (Bertin, 1943; Demidov & Viskrebentsev, 1970) were based on misidentifications and therefore according to Whitehead (1985) this species is not found in the Red Sea.

ENGRAULIDAE

***Thryssa setirostris* (Broussonet, 1782)**

Several authors mentioned the occurrence of this species in the Red Sea based only on literature (Shaw, 1804; Day, 1878; Weber & Beaufort, 1913; Fowler, 1941). Whitehead *et al.* (1988) concluded that it is not found in the Red Sea.

STERNOPTYCHIDAE

***Maurolicus muelleri* (Gmelin, 1789)**

According to Parin & Kobyliansky (1993) all Red Sea records of this species (Post & Svoboda, 1980) are misidentification of *Maurolicus mucronatus* Klunzinger, 1871.

CHAULIODONTIDAE

***Chauliodus sloani* Bloch & Schneider, 1801**

The inclusion of this species by Dor (1984) was based on an unknown source. This species is not found in the Red Sea (Gibbs, 1984).

SYNODONTIDAE

***Saurida undosquamis* (Richardson, 1848)**

According to Inoue & Nakabo (2006), all previous records of this species from the Red Sea are misidentifications of *Saurida macrolepis* Tanaka, 1917.

Saurus nebulosus (non Cuv. Val.) **Tillier, 1902**

This genus is type by absolute tautonymy. Considered as a synonym of *Synodus*. A non-valid species.

Saurus melasma [Dollfus MS] **Gruvel & Chabanaud, 1937**

This genus is type by absolute tautonymy. Considered as a synonym of *Synodus*. A non-valid species.

Saurus japonicus (not *Cobitus japonicus* Houttuyn)

This genus is type by absolute tautonymy. Considered as a synonym of *Synodus*. A non-valid species.

***Synodus doaki* Cressey, 1981**

The reported of this species from the Red Sea by Baranes & Golani (1993) was based on a misidentification of *S. randalli* Cressey, 1981 (Randall, 2009).

***Synodus englemani* Schultz, 1953**

Junior synonym of *S. variegatus* (Lacepède, 1803) as of Heemstra (1995).

***Synodus macrops* Tanaka, 1917**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Cressey & Waples, 1984).

PARALEPIDIDAE

***Lestrolepis pofi* (Harry, 1953)**

The inclusion of this central Pacific species in the Red Sea is based on an apparent misidentification by Dor (1970).

GOBIESOCIDAE

***Cotylis fimbriata* Müller & Troschel, 1849**

The locality of the original description of this Atlantic and Central Pacific species is clearly erroneous (Dor, 1984)

ANTENNARIIDAE

***Antennarius hispidus* (Bloch & Schneider, 1801)**

The inclusion of this species is based on an erroneous record from Elat (Le Danois, 1970), therefore the Red Sea was not included in the distribution map of this species (Pietsch & Grobecker, 1987).

***Antennarius maculatus* (Desjardins, 1840)**

Lieske & Myers (2004) published an underawater photograph of a presumably specimen of this species from the Red Sea. However, this record is based on misidentification (R. Arnold, pers.comm.).

***Antennarius notophthalmus* Bleeker, 1853**

Junior synonym of western Pacific species *A. biocellatus* (Cuvier, 1817). The single record of this species from the Red Sea (Le Danois, 1970) was a misidentification of *A. nummifer* (Cuvier, 1817) (Pietsch & Grobecker, 1987).

***Antennatus tuberosus* (Cuvier, 1817)**

The inclusion of this species under the genus *Histiophryne* is based on erroneous records from Elat, Dahab and Nabek (Le Danois, 1970), therefore the Red Sea was not included in the distribution map of this species (Pietsch & Grobecker, 1987).

BREGMACEROTIDAE

***Bregmaceros macclellandi* Thompson, 1840**

The inclusion of this species is based on Fuchs (1901) and Marshall & Bourne (1964) which were probably misidentifications of *B. arabicus* (Dor, 1984). According to Belyanina (1974) and Torii *et al.* (2003) this species is not found in the Red Sea.

***Bregmaceros nectabanus* Whitley, 1941**

The inclusion of this species by Kotthaus (1967) is based probably on misidentifications. Therefore Belyanina (1974) did not include the Red Sea in its distribution map.

CARAPIDAE

***Carapus variegatus* Fowler & Steinitz, 1956**

Junior synonym of *C. mourlani* (Petit, 1934) (Nielsen *et al.*, 1999).

EXOCOETIDAE

***Cypselurus altipennis* (Valenciennes, 1847)**

The inclusion of this species is based on an uncertain identification of Tortonese (1955). The occurrence of this species in the western Indian Ocean and the Red Sea is doubtful (Parin, 1984).

***Cypselurus oligolepis* (Bleeker, 1866)**

The inclusion of this species in the list was based only on distribution maps (Parin, 1984) but no specimen was documented for verification.

***Exocoetus volitans* Linnaeus, 1758**

According to Parin & Shakhovskoy (2000), this species is absent from the Red Sea. The only Red Sea record (Forsskål in Niebuhr, 1775) is apparently erroneous.

***Hirundichthys rondeletii* (Valenciennes, 1847)**

The only record of this species from the Red Sea (Tortonese, 1955) was apparently a misidentification; the specimen was not retained for examination. Therefore Parin (1984) did not include the Red Sea in the distribution map.

***Hirundichthys socotranus* (Steindachner, 1902)**

The status of this species is uncertain (Parin, pers. comm.)

HEMIRAMPHIDAE

***Hyporhamphus acutus* Günther, 1871**

This species divided into two sub-species, *H. acutus acutus* and *H. acutus pacificus*, both confined to the Pacific plate of central Oceania and Hawaii (Collette, 1999). Randall's (1983) reference to this species in the Red Sea was mistaken.

***Hyporhamphus xanthopterus* (Valenciennes, 1847)**

The occurrence of this species in the Red Sea was mentioned only once by Saunders (1960) in his study of fish blood parasites. The record is apparently erroneous and the specimen was not retained for verification.

***Oxyporhamphus convexus* (Weber & Beaufort, 1922)**

According to Parin *et al.* (1980) the Red Sea population consists of the sub-species *Oxyporhamphus convexus bruuni* Parin, Collette & Shcherbachev 1980; therefore it is unnecessary to mention the species *O. convexus* in addition.

BELONIDAE

***Platybelone argalus* (Le Sueur, 1821)**

Rüppell (1837) described *Belone platura* from the Red Sea. Later Parin (1967) placed the Red Sea, Gulf of Aden and the Arabian Gulf populations in the subspecies *Platybelobe argalus platura*; therefore it is unnecessary to mention the species *P. argalus*.

***Tylosurus acus* (Lacepède, 1803)**

Bleeker (1851) described *Belone melanotus* from Indonesia. Later (see: Collette & Parin, 1970) the Indo-West Pacific populations were placed in the sub-species *Tylosurus acus melanotus*; therefore it is unnecessary to mention the species *T. acus*.

SCOMBERESOCIDAE

***Scomberesox saurus* (Walbaum, 1792)**

The single record of this Atlanto-Mediterranean species from the Red Sea (Borodin, 1930) is apparently erroneous.

ATHERINIDAE

***Hypoatherina barnesi* Schultz, 1953**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Ivantsoff, 1984).

TRACHICHTHYIDAE

***Hoplostethus mediterraneus* Cuvier, 1829**

This species does not occur in the Red Sea, where it is replaced by *H. marisrubri* Kotlyar, 1986.

HOLOCENTRIDAE

***Ostichthys hypsipterygion* Randall, Shimizu & Yamakawa, 1982**

Golani (1984) described the Red Sea population as the sub-species *O. hypsipterygion sufensis*: therefore it is unnecessary to mention the species *Ostichthys hypsipterygion*.

***Sargocentron melanospilus* (Bleeker, 1858)**

All references of this species in the Red Sea (Randall & Heemstra, 1985; Randall & Heemstra, 1986) were mistaken. This Indo-Pacific species is replaced in the Red Sea by *Sargocentron marisrubri* Randall, Golani & Diamant, 1989.

***Beanea trivittata* Steindachner, 1902**

This species is considered a *nomen dubium*. Type not found. Randall *et al.* (1982) speculated that it is a misidentification of the apogonid *Siphamia permutata* Klausewitz, 1966.

CENTRISCIDAE

***Centriscus scutatus* Linnaeus, 1758**

There is no confirmed record of this species from the Red Sea. All previous records (see Dor, 1984) are apparently misidentifications of *Aeoliscus punctulatus.*

SYNGNATHIDAE

***Doryrhamphus dactyliophorus* (Bleeker, 1853)**

Kuiter (1998) stated that *Dunckerocampus dactyliophorus* is restricted to the western Pacific Ocean and all Indian Ocean and Red Sea records were based on misidentifications of *Dunckerocampus boylei* Kuiter, 1998.

***Doryrhamphus multiannulatus* (Regan, 1903)** and
***Doryrhamphus multiannulatus bentuviae* Fowler & Steinitz, 1956**

Fowler & Steinitz (1956) designated the Red Sea population of this species as *Dunckerocampus bentuviae.* Later Dawson (1985) considered it as a junior synonym of *Doryrhamphus multiannulatus* (Regan, 1903).

***Syngnathus crinitus* Jenyns, 1842**

Duméril (1870) mentioned erroneously this western Atlantic species from the Red Sea (Dawson, 1985). This species is currently placed in the genus *Halicampus.*

***Syngnathus phlegon* Risso, 1826**

Kaup (1856) mentioned erroneously this Mediterranean species from Quseir, Red Sea (Dor, 1984).

***Hippocampus histrix* Kaup, 1856**

According to Lourie *et al.* (1999, 2004) all records of this species from the Red Sea are based on misidentifications of *H. jayakari* Boulenger, 1900.

***Hippocampus kuda* Bleeker, 1852**

According to Lourie *et al.* (2004) all records of this species from the Red Sea are based on misidentifications of *H. suezensis* Duncker, 1940.

***Hippocampus lichtensteinii* Kaup, 1856**

The origin of the type specimen is not known and its validity is questionable (Lourie *et al.*, 1999).

SCORPAENIDAE

***Parascorpaena mossambica* (Peters, 1855)**

Bamber (1915) reported this species from the Red Sea, under its junior synonym *Scorpaena longirostris* Playfair & Günther, 1866 based on a misidentification. Randall (2005) did not include the Red Sea in its distribution range. In addition there is no confirmed record in the Red Sea (H. Motomura, perss comm.).

***Pteroidichthys amboinensis* Bleeker, 1856**

The single record of this species from Elat (Frøiland, 1972) can not be confirmed.

***Pterois russelli* Bennett, 1831**

Frøiland (1972) reported this species from the Red Sea based on a misidentification of a single specimen of *P. miles*.

***Scorpaena porcus* Linnaeus, 1758**

This Atlanto-Mediterranean species does not occur in the Red Sea. All citations of this species from the Red Sea (Klunzinger, 1870 [under *S. erythraea*], Frøiland 1972) are misidentifications (Dor, 1984).

***Scorpaena scrofa* Linnaeus, 1758**

This Atlanto-Mediterranean species does not occur in the Red Sea. Frøiland (1972) reported this species based on a misidentification of a single specimen probably of *Scorpaenopsis* sp. from Elat.

***Scorpaenodes corallinus* Smith, 1957**

This Indo-Pacific species does not occur in the Red Sea. Frøiland (1972) reported this species based on a misidentification of a single specimen of *Scorpaenodes guamensis* (Quoy & Gaimard, 1824) from Ras Muhammed.

***Scorpaenodes varipinnis* Smith, 1957**

This Indo-Pacific species does not occur in the Red Sea. Frøiland (1972) reported this species based on a misidentification of 4 specimens of *Scorpaenodes steinitzi* Klausewitz & Fröiland, 1970 from Ras Muhammed, Elat and Farasan, Sarad-Sarso.

***Scorpaenodes scaber* (Ramsay & Ogilby, 1886)**

This Indo-Pacific species does not occur in the Red Sea. Frøiland (1972) included this species in the Red Sea but failed to provide a specimen for verification.

***Scorpaenopsis gibbosa* Bloch & Schneider, 1801**

According to Randall & Eschmeyer (2001) this species does not occur in the Red Sea. It is often confused with *S. diabolus*, which led Poss & Rama-Rao (1984) and Smith & Heemstra (1986a) to include it erroneously in the Red Sea

***Scorpaenopsis rosea* (Day, 1867)**

Saunders (1960) recorded this Indo-Pacific species from the Red Sea based on a misidentification. This species is a junior synonym of *Scorpaenopsis venosa* (Cuvier, 1829) which does not occur in the Red Sea (Randall & Eschmeyer, 2001)

***Sebastapistes maderensis* (Valenciennes, 1833)**

This is an Atlanto-Mediterranean species and a junior synonym of *Scorpaena maderensis* Valenciennes, 1833 as of Eschmeyer (1998). Frøiland's (1972) record from Elat (as *S. maderensis*) is a misidentification. Shpigel & Fishelson (1991) reported this species from Na'ama Bay based on an unreliable underwater observation.

***Sebastapistes tristis* (Klunzinger, 1870)**

Junior synonym of *Sebastapistes strongia* (Cuvier, 1829) as of Eschmeyer (1998).

TETRAROGIDAE

***Vespicula bottae* (Sauvage, 1878)**

This species was mentioned erroneously twice as occurring in the Red Sea (Smith, 1958; Frøiland, 1972). It is a junior synonym of *V. trachinoides* (Cuvier, 1829) (S. Poss, pers. comm.; Eschmeyer & Fricke, 2009)

SYNANCEIIDAE

***Minous inermis* Alcock, 1889**

Kotthaus' (1979) record from Bab-el-Manbeb is not considered as the Red Sea proper. Therefore Randall (1995) did not include the Red Sea in its distribution range.

***Minous pictus* Günther, 1880**

Frøiland (1972) reported this species from the Red Sea based on a misidentification.

***Minous trachycephalus* (Bleeker, 1854)**

Frøiland (1972) reported this species from the Red Sea evidently based on misidentification.

PLATYCEPHALIDAE

***Cociella crocodila* (Tilesius, 1812)**

Knapp (1996) reviewed the genus *Cociella* and concluded that all previous records of this species from the Red Sea (see: Dor, 1984; Goren & Dor 1994 and Baranes & Golani, 1993) are misidentifications of *C. punctata* (Cuvier in Cuvier & Valenciennes, 1829).

***Papilloculiceps grandidieri* (Sauvage, 1878)**

Junior synonym of *P. longiceps* (Cuvier, 1829) as of Knapp (1986).

***Platycephalus micracanthus* Sauvage, 1873**

Junior synonym of *P. longiceps* (Cuvier, 1829) as of L. Knapp (pers. comm.).

***Rogadius asper* (Cuvier, 1829)**

Junior synonym of *R. pristiger* (Cuvier, 1829) as of Knapp (1999).

AMBASSIDAE

Ambassis urotaenia (not Bleeker) **Fowler & Bean, 1930**

Fowler & Bean (1930) referred erroneously to this Indo-Pacific species as occurring in the Red Sea based on Rüppell's (1838) and Klunzinger's (1870) records of *A. commersoni* (= *A. ambassis*) and *A. denticulata* (= *A. gymnocephalus*), respectively.

***Chanda commersonii* Cuvier, 1828**

Junior synonym of *Ambassis dussumieri* Cuvier, 1828 as of Anderson & Heemstra (2003).

***Chanda gymnocephalus* (Lacepède, 1801)**

Junior synonym of *Ambassis dussumieri* Cuvier, 1828 as of Anderson & Heemstra (2003).

***Chanda safgha* (Forsskål in Niebuhr, 1775)**

There is no type and therefore the status of this species is uncertain (Eschmeyer, 1999). Anderson & Heemstra (2003) considered it as *nomen dubium*.

SERRANIDAE

***Cephalopholis boenack* (Bloch, 1790)**

Day (1875, 1889) mentioned this species as occurring in the Red Sea but no specimen was documented for verification. According Randall & Heemstra (1991) and Heemstra & Randall (1993) this species does not occur in the Red Sea.

***Cephalopholis pachycentron* (Valenciennes, 1828)**

Saunders' (1960) record of this species from the Red Sea was apparently mistaken. According Randall & Heemstra (1991) and Heemstra & Randall (1993) this species is a junior synonym of *C. boenack* which does not occur in the Red Sea.

***Epinephelus caeruleopunctatus* (Bloch, 1790)**

This species does not occur in the Red Sea. Tortonese's (1935-36) record from Massawa was a misidentification of the Red Sea endemic *E. summana* (Forsskål in Niebuhr, 1775) (see: Heemstra & Randall, 1993).

***Epinephelus merra* (Bloch, 1793)**

This species is absent from the Red Sea (Heemstra & Randall, 1993).
Tortonese's (1935-36) record from Massawa was a misidentification of the *E. tauvina* (Forsskål in Niebuhr, 1775) (see: Dor, 1984).

***Plectropomus pessuliferus* Fowler, 1904**

Randall & Hoese (1986) recognized the Red Sea population as subspecies *P. pessuliferus marisrubri*: therefore it is unnecessary to mention the species *Plectropomus pessuliferus* in addition.

***Plectropomus leopardus* (Lacepède, 1802)**

This western Pacific species is absent from the Red Sea (Randall & Heemstra, 1991; Heemstra & Randall, 1993). This species was only mentioned as occurring in the Red Sea (Günther, 1859; Day, 1875, 1889; Fowler & Bean, 1930) but no specimen was recorded for verification.

***Holocentrus hexagonatus* Bloch & Schneider, 1801**

Day (1875) erroneously quoted Klunzinger (1870) as mentioning this species from the Red Sea. This species is now named *Epinephelus hexagonatus* (Forster *in* Bloch & Schneider, 1801) and does not occur in the Red Sea.

PSEUDOCHROMIDAE

***Chlidichthys johnvoelkeri* Smith, 1953**

According to Gill & Edwards (2004) this species is known only from the eastern Africa coasts. Abel's (1960) record from the Red Sea is almost certainly a misidentification of *Pseudochromis fridmani* Klausewitz, 1968.

CAPROIDAE

***Antigonia rubescens* (Günther, 1860)**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Heemstra, 1984a).

PRIACANTHIDAE

***Cookeolus boops* (Bloch & Schneider, 1801)**

Junior synonym of *Heteropriacanthus cruentatus* (Lacepède, 1801) which does not occur in the Red Sea (Starnes, 1988). Gruvel & Chabanaud's (1937) record is apparently a misidentification.

APOGONIDAE

***Apogon angustatus* (Smith & Radcliffe, 1911)**

All previous records of this species from the Red Sea (Ben-Tuvia *et al.*, 1983; Dafni & Diamant, 1984; Gon, 1986) are misidentifications of *Apogon nigrofasciatus* Lachner, 1953, which was overlooked by Goren & Dor (1994) (Gon & Randall, 2003).

***Apogon bandanensis* Bleeker, 1854**

All previous records of this species from the Red Sea (Roux-Estève & Fourmanoir, 1955; Steinitz & Ben-Tuvia, 1955; Roux-Estève, 1956) are misidentifications of either *Apogon zebrinus* or *A. guamensis* (see Gon & Randall, 2003).

***Apogon cupreus* [Ehrenberg MS] Cuvier, 1828**

Gon & Randall (2003) determined that this species is a *nomen dubium* due to the loss of the types and too general and short descriptions, providing no diagnostic characters, in the original description by Cuvier.

***Apogon endekataenia* Bleeker, 1852**

This species is not found in the Red Sea. All previous records from the Red Sea are misidentifications probably of *Apogon cookii* (see Goren & Dor, 1994; Gon & Randall, 2003).

***Apogon guamensis* Valenciennes, 1832**

Synonym of *Nectamia fusca* (Quoy & Gaimard, 1824) as of Fraser (2008).

***Apogon hungi* (Fourmanoir, 1967)**

Fourmanoir (1967) described this species as *Jaydia hungi* from the Gulf of Suez, which is subjectively invalid and secondarily preoccupied (when in *Apogon*) by *Apogon hungi* Fourmanoir & Do-Thi, 1965 (see Eschmeyer & Fricke, 2009); Red Sea populations are therefore in the synonymy of *A. smithi* (see Gon, 1996; Gon & Randall, 2003).

***Apogon hyalosoma* Bleeker, 1856**

According to Gon & Randall (2003) this western Pacific species, that was recorded only once in the Red Sea (Fowler & Steinitz, 1956), is probably based on a misidentification of a specimen that could not be found in the Hebrew University Fish Collection.

***Apogon kienesis* Jordan & Snyder, 1901**

All Red Sea records of this species are misidentifications of *Apogon bryx* Fraser, 1998 (Gon & Randall, 2003).

***Apogon latus* [Ehrenberg MS] Cuvier, 1828**

Gon & Randall (2003) determined that this species is *nomen dubium* due to the loss of the types and too general and short descriptions, providing no diagnostic characters, in the original description by Cuvier.

***Apogon micromaculatus* Kotthaus, 1970**

All Red Sea records of this species are misidentifications of *Apogon spilurus* Regan, 1905 (Gon & Randall, 2003b).

***Apogon nigripinnis* Cuvier, 1828**

All Red Sea and Mediterranean records of this species are misidentifications of *Apogon pharaonis* Bellotti, 1874 (Gon, 2000; Gon & Randall, 2003).

***Apogon quadrifasciatus* Cuvier, 1928**

Gon & Randall (2003) mentioned this species as occurring in the Red Sea but according to Fraser (2005) it is a junior synonym of *Apogon fasciatus* (White, 1790).

***Apogon savayensis* Günther, 1871**

According Gon & Randall (2003) this species is not found in the Red Sea. All previous records are based on misidentifications of either *Apogon guamensis* Valenciennes, 1832 or *A. zebrinus* Fraser, Randall & Lachner, 1999.

***Apogon spongicolus* (Smith, 1956)**

Junior synonym of *Apogon guamensis* Valenciennes, 1832 as of Fraser *et al*. (1999) and Gon & Randall (2003). According to Fraser (2008) it is synonym of *Nectamia fusca* (Quoy & Gaimard, 1824).

***Apogon taeniophorus* Regan, 1908**

According Gon & Randall (2003) the Red Sea record of this species given by Randall & Lachner (1986) is a misidentification of *Apogon cookii* Macleay, 1881.

***Cheilodipterus bipunctatus* (Lachner, 1951)**

Junior synonym of *Ceilodipterus novemstriatus* (Rüppell, 1838) as of Gon & Randall (2003).

***Cheilodipterus caninus* Smith, 1949**

Junior synonym of *Cheilodipterus arabicus* (Gmelin [ex Forsskål], 1789) as of Gon & Randall (2003) and Fricke (2008).

***Cheilodipterus lineatus* (Forsskål in Neibuhr, 1775)**

The incorrect use of *Perca lineata* (non Linnaeus, 1758) by Forsskål in Neibuhr (1775) was based on a misidentification which was later proposed by several authors to be an independent species. The first available name for this species is *Cheilodipterus arabicus* (Gmelin [ex Forsskål], 1789) (Fricke, 2008).

***Foa brachygramma* (Jenkins, 1903)**

Khalaf & Krupp (2003) reported the occurrence of this species in the Gulf of Aqaba as a result of misidentification of *Foa fo.* Gon & Randall (2003) discussed the confusions regarding species identification of the genus *Foa* and consequently they did not include *F. brachygramma* as part of the Red Sea ichthyofauna. Later Randall (2007b) considered *F. brachygramma* to be endemic to Hawai'i.

***Fowleria abocellata* Goren & Karplus, 1980**

Junior synonym of *Fowleria vaiulae* (Jordan & Seale, 1906) as of. Gon & Randall (2003).

CARANGIDAE

***Alepes vari* (Cuvier, 1833)**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Smith-Vaniz, 1984).

***Apolectus niger* (Bloch, 1795)**

The only record of this species from the Red Sea (Dor, 1970) is unsubstantiated. There are no preserved specimens for confirmation.

***Carangoides chrysoptera* (Cuvier, 1833)**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Smith-Vaniz, 1984). The correct specific name is *C. chrysophrys*.

***Carangoides ciliarius* (Rüppell, 1830)**

According to Williams *et al*. (1980) this species is indeterminate and must be considered as a *nomen dubium*.

***Carangoides dinema* Bleeker, 1851**

The inclusion of this Indo-Pacific species in the list (Dor, 1984; Goren & Dor, 1994) is unclear since it was never recorded in the Red Sea.

***Carangoides gymnostethoides* Bleeker, 1851**

Junior synonym of *Carangoides gymnostethus* (Cuvier, 1833) as of Eschmeyer & Fricke (2009).

***Carangoides gymnostethus* (Cuvier, 1833)**

Not occurring in the Red Sea according to W. Smith-Vaniz (pers. comm.)

***Carangoides malabaricus* (Bloch & Schneider, 1801)**

This species was recorded from the Red Sea by Klunzinger (1871, 1884) based on a misidentification. Therefore Smith-Vaniz (1984) did not include the Red Sea in his distribution map.

***Carangoides rectipinnus* Williams, 1958**

Junior synonym of *Carangoides malabaricus* (Bloch & Schneider, 1801) as of Eschmeyer & Fricke (2009).

***Caranx elongatus* Klunzinger, 1871**

The description of this species is based on young specimens of *Caranx* sp. (Dor, 1984).

***Caranx oblongus* Cuvier** in Cuvier & Valenciennes, 1833

The inclusion of this Indo-Pacific species in the list (Dor, 1984) is unclear since it was never recorded in the Red Sea. This species is placed in the genus *Carangoides*.

***Caranx rhabdolepis* Klunzinger, 1871**

The description of this species is based on young specimens of *Caranx* sp. (Dor, 1984).

***Caranx sanctaehelenae* Cuvier in Cuvier & Valenciennes, 1833**

Bayoumi & Gohar's (1967) record of this Atlantic species from the Red Sea is based on a misidentification (Dor, 1984). It is a junior synonym of *Decapterus punctatus* (Cuvier, 1829) as of Smith-Vaniz (1986a).

***Scomber sansum* Forsskål** (Gmelin [ex Forsskål], 1789)**, 1775**

According to Smith (1968) this is *nomen dubium* (Dor, 1984).

***Scomberoides tol* (Cuvier, 1832)**

Although this species was recorded several times from the Red Sea (see: Dor, 1984) these were apparently based on misidentifications and therefore Smith-Vaniz (1984) did not include the Red Sea in its distribution map.

***Seriola aureovittata* Temminck & Schlegel, 1845**

Klunzinger's (1871) doubtful record was apparently based on a misidentification and therefore Smith-Vaniz (1984) did not include the Red Sea in its distribution map. Junior synonym of *Seriola lalandi* Valenciennes, 1833 as of Eschmeyer (1998).

***Trachinotus russelli* Cuvier in Cuvier & Valenciennes, 1831**

The inclusion of this Indo-Pacific species in the list (Dor, 1984) is unclear since it was never recorded in the Red Sea and therefore Smith-Vaniz (1984) did not include the Red Sea in its distribution map. This species is a junior synonym of *Trachinotus botla* (Shaw, 1803).

LACTARIIDAE

***Lactarius lactarius* (Bloch & Schneider, 1801)**

The inclusion of this species in the Red Sea list is based only on (an erroneous) distribution map (Kumaran, 1984) (erroneously quoted as Fourmanoir, 1984 in Goren & Dor, 1994).

LEIOGNATHIDAE

***Leiognathus berbis* (Valenciennes, 1835)**

This species is considered as a *nomen nudum* (Chakrabarty and Sparks, 2008).

***Leiognathus lineolatus* (Valenciennes, 1835)**

The inclusion of this species in the Red Sea by James (1984) may result from erroneous synonymies with *Equulites klunzingeri* (Steindachner, 1898).

***Secutor ruconius* (Hamilton, 1822)**

Its inclusion the Red Sea was based only on (an erroneous) distribution map (James, 1984) or possibly a misidentification of *Leiognathus equulus* (Forsskål in Niebuhr, 1775)

LUTJANIDAE

***Apsilus fuscus* Valenciennes 1830**

The inclusion of the Red Sea in the distribution map of this species by Allen (1984) is based on a misidentification, probably of *Paracaesio sordidus* Abe & Shinohara, 1962 (Goren & Dor, 1994). Later he acknowledged this mistake stating that this species is restricted to the western shores of Africa (Allen, 1985).

***Lutjanus erytropterus* Bloch, 1790**

This species was mentioned mistakenly from the Red Sea by several authors (Day, 1875; Fowler, 1931; Tortonese, 1935-36). Allen (1984) included the Red Sea in the distribution map of this species although Allen & Talbot (1985) doubt its existence there. Subsequently, Allen & Talbot (1985) excluded this fish from the Red Sea.

***Lutjanus johnii* (Bloch, 1792)**

The only record of this species in the Red Sea by Ben-Tuvia (1968) was apparently mistaken and therefore Allen (1984) and Allen & Talbot (1985) did not include it there.

***Lutjanus lemniscatus* (Valenciennes, 1828)**

The records of this species from the Red Sea by Ben-Tuvia (1968) (as *L. janthinuropterus*) and Ben-Tuvia & Steinitz (as *L. lineolatus*) were based on misidentifications. Therefore Allen (1985, 1986) and Allen & Talbot (1985) did not include the Red Sea in the distribution map of this species.

***Lutjanus malabaricus* (Bloch & Schneider, 1801)**

Many authors reported this species from the Red Sea (see: Dor, 1984) leading Allen (1984) to include the Red Sea and east Africa in the distribution map. Later, he (Allen & Talbot, 1985) realized that all these records were apparently misidentifications and consequently the Red Sea and East Africa were excluded.

***Lutjanus quinquelineatus* (Bloch, 1790)**

The only record of this species from the Red Sea (Bamber, 1915) was apparently a misidentification. Therefore Allen (1984) and Allen & Talbot (1985) did not include the Red Sea in the distribution map.

Lutjanus spilurus (not Bennett) **Fowler, 1931**

Junior synonym of *Lutjanus quinquelineatus* (Bloch, 1970) as of Allen (1985) and Allen & Talbot (1985).

***Pinjalo pinjalo* (Bleeker, 1850)**

The inclusion of this species in the list was based on (an erroneous) distribution map (Allen, 1984, 1985). In their revision of the Indo-Pacific genus *Pinjalo*, Randall *et al.* (1987) did not include the Red Sea in the distribution map.

CAESIONIDAE

***Caesio xanthurus* Bleeker, 1869**

This species is known as *Paracaesio xanthura* (family Lutjanidae). Its records by Klunzinger (1870, 1884) as *Apsilus fuscus* and *Paracaesio xanthurus*, respectively, are mistaken.

***Pterocaesio pisang* (Bleeker, 1853)**

The inclusion of this species in the list was based only on (an erroneous) distribution map (Carpenter, 1984) but no specimen was documented for verification. In his later work Carpenter (1988) excluded the Red Sea from the distribution map.

NEMIPTERIDAE

***Nemipterus celebicus* (Bleeker, 1854)**

This species is restricted to northern Australia and Indonesia (Russell, 1990). All Red Sea records by Klunzinger (1870, 1884) as *Synagris tolu* and *S. celebicus*, respectively, and Rüppell (1838) as *Dentex tolu*, are misidentifications.

***Nemipterus marginatus* (Valenciennes, 1830)**

This species is restricted to northern Australia, the Solomon Islands, Indonesia to the southern China Sea (Russell, 1990). The only Red Sea record (Bayoumi, 1972) is a misidentification, probably of *N. japonicus* (see: Goren & Dor, 1994) or *N. randalli*.

***Parascolopsis inermis* (Temminck & Schlegel, 1843)**

This species is restricted to the eastern Indian Ocean and the western Pacific (Russell, 1990). Klunzinger's (1884) record from the Red Sea was a misidentification.
Therefore Russell & Golani (1993) did not include it in their review of the genus *Parascolopsis* of the Red Sea and the western Indian Ocean.

***Parascolopsis townsendi* Boulenger, 1901**

The inclusion of this species in the Red Sea list was based only on a distribution map (Russell, 1990) but no specimen was recorded for confirmation. Therefore, Russell & Golani (1993) did not consider it as occurring in the Red Sea.

***Scolopsis ciliatus* (Lacepède, 1802)**

This species is restricted to the Andaman Sea and the western Pacific (Russell, 1990). Kotthaus' (1975) doubtful record is probably a misidentification of *S. ghanam* (see: Goren & Dor, 1994).

GERREIDAE

***Gerres acinaces* Bleeker, 1854**

Junior synonym of *Gerres longirostris* (Lacepède, 1801) as of Iwatsuki *et al*. (2001) which does occur in the Red Sea.

***Gerres argyreus* (Bloch & Schneider, 1801)**

Junior synonym of *G. oyena* (Forsskål in Neibuhr, 1775) as of Iwatsuki *et al.* (1999).

***Gerres poeti* Cuvier, 1829**

Junior synonym of *Gerres longirostris* (Lacepède 1801) as of Iwatsuki *et al*. (2001) which does occur in the Red Sea. (see: count of *G. acinaces*). It is also spelled *G. poieti*.

***Gerres rappi* (Barnard, 1927)**

Junior synonym of *Gerres methueni* Regan, 1920 as of Iwatsuki & Kimura (1997) which is restricted to South Africa, Mozambique and Madagascar (Iwatsuki & Kimura, 1997).

HAEMULIDAE

***Plectorhinchus diagramma* (Linneaus, 1758)**

This western Pacific species (Randall *et al*., 1990) now spelled *Plectorhinchus diagrammus*, was reported from the Red Sea by Rüppell (1838) and Klunzinger (1870) under *Diagramma albovittatum.*

***Plectorhinchus harrawayi* (Smith, 1952)**

Junior synonym of *Plectorhinchus albovittatus* (Rüppell, 1830) as of McKay (2001).

***Plectorhinchus playfairi* (Pellegrin, 1914)**

All previous Red Sea records (Dor, 1984; Goren & Dor, 1994) were based on quotations but not on collected specimens.

***Plectorhinchus umbrinus* (Klunzinger, 1870)**

Junior synonym of *Plectorhinchus sordidus* (Klunzinger, 1870) as of Smith (1956)

***Pomadasys furcatus* (Bloch & Schneider, 1801)**

Junior synonym of *P. punctulatus* (Rüppell, 1838) as of Randall (1995).

***Pomadasys maculatus* (Bloch, 1797)**

This species does not occur in the Red Sea. All previous records (see Dor, 1984) are probably misidentifications of *Pomadasys kaakan* (Heemstra pers. comm.).

***Pomadasys multimaculatus* (Playfair, 1866)**

The inclusion of this species in the list was based on (an erroneous) distribution map (McKay, 1984).

***Pomadasys olivaceus* (Day, 1875)**

This species does not occur in the Red Sea (McKay, 1984). Gruvel & Chabanaud's (1937) record was apparently a misidentification.

***Pomadasys opercularis* (Playfair in Playfair & Günther, 1867)**

Junior synonym of *P. commersonnii* (Lacepède, 1802) as of McKay (1984) which is not found in the Red Sea (McKay, 1984)

***Pomadasys striatus* (Gilchrist & Thompson, 1908)**

This species is restricted to South Africa (Heemstra & Heemstra, 2004). The only record from the Red Sea (Roux-Estève & Fourmanoir, 1955) was based on a misidentification, probably of *Pomadasys stridens* (Forsskål in Niebuhr, 1775).

***Sciaena faetela* (Forsskål in Niebuhr, 1775)**

The status of this species is uncertain since the type is not known (Dor, 1984), therefore McKay (1984) did not include it in the list of haemulids from the Red Sea.

LETHRINIDAE

***Gymnocranius griseus* (Temminck & Schlegel, 1843)**

This species is found only in the eastern Indian Ocean and western Pacific (Carpenter & Allen, 1989). All Red Sea records (see: Dor, 1984) are apparently misidentifications of *G. grandoculis* [see: Carpenter & Allen (1989), Goren & Dor (1994)].

***Lethrinus ehrenbergi* Valenciennes in Cuvier & Valenciennes, 1830**

The validity of this species is doubtful since the holotype is apparently lost (Dor, 1984; Eschmeyer, 1999).

***Lethrinus elongatus* Valenciennes, 1830**

Junior synonym of *Lethrinus microdon* Valenciennes, 1830 as of Carpenter & Allen (1989).

***Lethrinus kallopterus* Bleeker, 1856**

Junior synonym of *Lethrinus erythracanthus* Valenciennes, 1830 as of Carpenter & Allen (1989) and Goren & Dor (1994), which does not occur in the Red Sea

***Lethrinus mahsenoides* Valenciennes, 1830**

Junior synonym of *L. lentjan* (Lacepède, 1802) as of Carpenter & Allen (1989).

SPARIDAE

***Acanthopagrus latus* (Houttuyn, 1782)**

The only record of this species from the Red Sea (Pellegrin, 1912) was apparently a misidentification (Bauchot in Dor, 1984). This species does not occur in the Red Sea and therefore Bauchot & Smith (1984) did not include the Red Sea in its distribution map.

***Dentex multidens* Valenciennes, 1830**

The validity of this species is doubtful (Goren & Dor, 1994).

***Lithognathus mormyrus* (Linnaeus, 1758)**

Fowler & Steinitz (1956) reported this Atlanto-Medierranean species (as *Pagellus mormyrus)* based on misidentification (see Dor, 1984). As a result several authors (Bauchot & Smith, 1984; Bauchot & Hureau, 1986; Smith & Smith, 1986) mentioned it occurrence in the Red Sea.

SCIAENIDAE

***Umbrina cirrosa* (Linnaeus, 1758)**

Steinitz (1967) erroneously recorded this Atlanto-Mediterranean species from the Red Sea.

MENIDAE

***Mene maculata* (Bloch & Schneider, 1801)**

The inclusion of this species in the list was based on (an erroneous) distribution map (Heemstra, 1984b).

MULLIDAE

***Upeneus indicus* Shaw, 1803**

This species was not recorded from the Red Sea. Its inclusion in the list was the result of it being erroneously mentioned as occurring there by Day (1875) and Thomas (1969).

***Upeneus subvittatus* (Temminck & Schlegel, 1843)**

This species is replaced in the Red Sea by *Upeneus davidaromi* Golani, 2001. (see: Golani, 2001)

MONODACTYLIDAE

***Monodactylus falciformis* Lacepède, 1801**

The Red Sea records of this species (see Dor, 1984) are based on misidentification. According to Heemstra & Heemstra (2004) this species is restricted to the east coast of Africa.

PEMPHERIDAE

***Parapriacanthus ransonneti* Steindachner, 1870**

This species does not occur in the Red Sea. Goren & Dor (1994) followed Heemstra (1986a) which erroneously considered the previously recorded *P. guentheri* (see Dor, 1984) as a junior synonym (R. Mooi, pers. comm.).

***Pempheris mangula* Cuvier, 1829**

This species does not occur in the Red Sea (R. Mooi, pers. comm.).

***Pempheris molucca* Cuvier, 1829**

This species does not occur in the Red Sea (R. Mooi, pers. comm.).

***Pempheris oualensis* Cuvier, 1831**

This species does not occur in the Red Sea (R. Mooi, pers. comm.).

***Pempheris vanicolensis* Cuvier, 1831**

According R. Mooi (pers. comm.), all previous Red Sea records of this species (see Dor, 1984; Goren & Dor, 1994) were misidentifications of *P. rhomboidea* Kossmann and Räuber, 1877.

EPHIPPIDAE

***Platax pinnatus* (Linnaeus, 1758)**

Several authors reported erroneously that this species was from the Red Sea (see Dor, 1984). Therefore it was not included by Maugé (1984a) as part of the western Indian Ocean ichthyofauna.

***Tripterodon orbis* Playfair & Günther, 1866**

The only record of this species from the Red Sea (Klunzinger, 1884) was based on a misidentification. Therefore Maugé (1984a) did not include the Red Sea in the distribution map of this species.

DREPANEIDAE

***Drepane punctata* (Linnaeus, 1758)**

Maugé (1984b) included the Red Sea in the distribution map of this species based on a single record (Tortonese, 1935-37 [1937]) that was apparently a misidentification. The description was too general and no specimen was documented for verification. Randall's (1995) mention of it from the Red Sea was based on Blegvad's (1944) study of the Arabian Gulf fishes.

CHAETODONTIDAE

***Chaetodon collare* Bloch, 1787**

This Indo-Pacific species does not occur in the Red Sea (Allen *et al.*, 1998).

***Chaetodon falcula* Bloch, 1795**

This Indian Ocean species does not occur in the Red Sea (Allen *et al*., 1998).

***Chaetodon guttatissimus* Bennett, 1832**

This Indian Ocean species does not occur in the Red Sea (Allen *et al.*, 1998).

***Chaetodon kleinii* Bloch, 1790**

This Indo-Pacific species does not occur in the Red Sea (Allen *et al.*, 1998).

***Chaetodon vugabundus* Linnaeus, 1758**

This Indo-Pacific species does not occur in the Red Sea (Allen *et al.*, 1998). Tortonese's (1983) observation was probably a misidentification of *C. pictus* Forsskål in Niebuhr, 1775 (Kuiter, 2002).

POMACANTHIDAE

***Pomacanthus semicirculatus* (Cuvier, 1831)**

This Indian Ocean species does not occur in the Red Sea (Allen *et al.*, 1998). All Red Sea records are misidentifications of *P. maculatus* or *P. rhomboides*.

***Pomacanthus striatus* (Rüppell, 1836)**

Junior synonym of *P. maculosus* (Forsskål in Niebuhr, 1775) as of Randall (1988).

POMACENTRIDAE

***Abudefduf bengalensis* (Bloch, 1787)**

Allen & Randall (1980) and Allen (1991) could not verify the occurrence of this Indo-Pacific species in the Red Sea.

***Amblyglyphidodon leucogaster* (Bleeker, 1847)**

According Allen & Randall (2002) all previous records from the Red Sea (see Dor, 1984) are base on misidentifications of *Amblyglyphidodon indicus* Allen & Randall, 2002.

***Glyphisodon septemfasciatus* Cuvier in Cuvier & Valenciennes, 1830**

The inclusion of this species, now placed in the genus *Abudefduf*, in the Red Sea list is based only on it being mentioned as present there (Günther, 1881; Fowler & Bean, 1928). Allen (1991) did not include the Red Sea in its distribution range.

***Chromis axillaris* (Bennett, 1831)**

Allen & Randall (1980) included this species with some reservations in Red Sea. Later Allen (1991) excluded the Red Sea from its distribution range.

***Chromis nigrura* Smith, 1960**

This Indo-Pacific species does not occur in the Red Sea (Allen & Randall, 1980; Allen, 1991). Allen & Randall (1980) assumed that Dor's (1970) single record was based on a misidentification of *C. weberi* or *C. ternatensis*.

***Cromis ternatensis* (Bleeker, 1850)**

Randall (1994b) noted that all the records reporting the occurrence of this species in the Red Sea were misidentifications of *Chromis flavaxilla.*

***Dascyllus marginatus marginatus* (Rüppell, 1828)**

Marshall (1952) split *D. marginatus* into two subspecies. This separation was accepted (Allen & Randall, 1980; Allen, 1991): therefore it is unnecessary to mention it [in addition to *D. marginatus*].

***Neopomacentrus anabatoides* (Bleeker, 1847)**

This species is confined to the Indonesian-Malaysian region and the South China Sea (Allen & Randall, 1980; Allen, 1991). They assumed that Roux-Estève & Fourmanoir's (1955) record from the Red Sea was based on another *Neopomacentrus* species, probably *N. xanthurus* Allen & Randall, 1980 (see: Dor, 1984).

***Plectroglyphidodon leucozona* (Bleeker, 1859)**

Allen & Randall (1980) and Allen (1991) recognized that the Red Sea population is distinct from the Indo-Pacific and placed it as a sub-species *P. leucozona cingulum* Klunzinger, 1871 as compared to nominal *P. leucozona leucozona.* Therefore it is unnecessary to mention the species *P. leucozona*.

***Pomacentrus opercularis* Abel, 1960**

An unidentifiable species (Dor, 1984). Allen (1991) did not consider it as a valid species.

***Pomacentrus pavo* (Bloch, 1787)**

This Indo-Pacific species does not occur in the Red Sea (Allen & Randall, 1980; Allen, 1991). The only Red Sea record (Rüppell, 1828) could not be verified by Allen & Randall (1980).

***Pomacentrus taeniurus* Bleeker, 1856**

This Indo-Pacific species does not occur in the Red Sea (Allen & Randall, 1980). The only Red Sea record (Abel, 1960) is apparently a misidentification (Dor, 1984). It is currently placed in the genus *Neopomacentrus*.

***Pristotis jerdoni* (Day, 1873)**

Junior synonym of *P. obtusirostris* (Günther, 1862) as of Randall (1995) and Kuiter & Tonozuka (2001)

CIRRHITIDAE

***Cirrhitichthys calliurus* Regan, 1905**

This species is restricted to the Gulf of Oman and the Gulf of Aden (Randall, 1995). Kotthaus' (1976) only record from the Red Sea was apparently a misidentification (Dor, 1984).

MUGILIDAE

***Liza aurata* (Risso, 1810)**

Ben-Tuvia (1975) and Tortonese (1984) mentioned the occurrence of this species in the Red Sea but no specimens were recorded for confirmation. Therefore Thomson & Luther (1984) did not include it in the region's ichthyofauna.

***Liza macrolepis* (Smith, 1849)**

Bamber's (1915) and Saunders' (1968) reports of this species as *Mugil smithii* and *M. troscheli* respectively from the Red Sea were apparently misidentifications. Therefore Thomson & Luther (1984) did not include the Red Sea in the distribution map of this species. Based on the old records, Randall (1995) mentioned it from the Red Sea.

***Liza oligolepis* (Bleeker, 1858-1859)**

The only record of this species from the Red Sea (Tortonese, 1968) was 'with query' (Dor, 1984). It is a junior synonym of *Liza parmata* (Cantor, 1850) [see: Harrison & Senou (1999)] which is restricted to Malaysia, Indonesia, New Guinea, the Philippines and the South China Sea.

***Liza tade* (Forsskål in Niebuhr, 1775)**

Junior synonym of *L. planiceps* (Valenciennes, 1836) as of Harrison & Senou (1999).

***Myxus trimaculatus* Klunzinger, 1870**

An unidentifiable species (Eschmeyer, 1999). Dor (1984) assumed that its description was probably based on a young specimen of *Mugil* sp.

POLYNEMIDAE

***Polydactylus plebeius* (Broussonet, 1782)**

This species does not occur in the Red Sea (Feltes, 2001). Its inclusion in the list was based on (an erroneous) distribution map (Menon & Babu Rao, 1984).

***Polydactylus sextarius* (Bloch & Schneider, 1801)**

This species does not occur in the Red Sea (Randall, 1995). The inclusion of this species in the list was based on (an erroneous) distribution map (Menon & Babu Rao, 1984).

SPHYRAENIDAE

***Sphyraena chrysotaenia* Klunzinger, 1884**

Synonym of *Sphyraena pinguis* Günther, 1874 as of Doiuchi & Nakabo (2006)

***Sphyraena flavicauda* Rüppell, 1838**

Synonym of *Sphyraena obtusata* Cuvier, 1829 as of Doiuchi & Nakabo (2006)

LABRIDAE

***Bodianus leucosticticus* (Bennett, 1832)**

According to Khalaf & Zajonz (2007) all the previous records of this species from the Red Sea (Baranes & Golani, 1993; Khalaf *et al.*, 1996) were misidentifications of *B. trilineatus* (Fowler, 1934).

***Cheilinus bimaculatus* Valenciennes, 1840**

This species, now placed in the genus *Oxycheilinus*, does not occur in the Red Sea (Randall, 1995). The single record from the Red Sea (Pellegrin, 1912) was apparently a misidentification.

Cheilinus trilobatus Lacepède, 1801

According to Randall & Khalaf, 2003, all Red Sea records of this species are misidentification of *C. abudjubbe* Rüppell, 1835.

***Coris gaimard* Quoy & Gaimard, 1824** and ***Coris gaimard africana* Smith, 1957**

According to Perenti & Randall (2000) these species and sub-species do not occur in the Red Sea. All previous Red Sea records (see: Dor, 1984; Goren and Dor, 1994) are misidentifications of *C. cuvieri* (Bennett, 1831).

***Coris frerei* Playfair & Günther, 1867**

Junior synonym of *C. formosa* (Bennett, 1830) as of Parenti & Randall (2000).

***Gomphosus caeruleus* Lacepède, 1801**

Klausewitz (1962) described the Red Sea population as sub-species *G. caeruleus klunzingeri*: therefore it is unnecessary to mention the species *Gomphosus caeruleus*.

***Halichoeres bimaculatus* Rüppell, 1835**

Junior synonym of *H. zeylonicus* (Bennett, 1832) as of Parenti & Randall (2000)

***Halichoeres margaritaceus* (Valenciennes, 1839)**

This eastern Indian Ocean and western Pacific species (Westneat, 2001) is not found in the Red Sea (Randall & Smith, 1982) where it was replaced in the western Indian Ocean and the Red Sea by *H. nebulosus* (see; Kuiter & Randall, 1981).

***Hologymnosus semidiscus* (Lacepède, 1801)**

Junior synonym of *H. annulatus* (Lacepède, 1801) as of Randall (1982) and Eschmeyer (1999) which occur in the Red Sea (Randall, 1982).

***Macropharyngodon bipartitus* Smith, 1957**

Randall (1978) described the Red Sea population as a subspecies *M. bipartitus marisrubri*: therefore it is unnecessary to mention the species *Macropharyngodon bipartitus*.

Stethojulis striventer (non Bennett) **Roux-Estève & Fourmanoir, 1955**

Roux-Estève & Fourmanoir (1955) and Clark *et al.* (1968) records of this species from the Red Sea were based on misidentifications (Dor, 1984).

***Stethojulis trilineata* Bloch & Schneider, 1801**

This species was only mentioned from the Red Rea (Smith, 1957) but no specimen was recorded for confirmation.

***Suezichthys gracilis* (Steindachner & Döderlein, 1887)**

This species is confined to Japan to Australia and New Caledonia (Russell, 1985; Kuiter, 2002). The only record of this species from the Red Sea (Randall, 1994) was based on a substandard underwater photograph, probably of a congeneric species.

***Thalassoma fuscum* (Lacepède, 1801)**

Junior synonym of *T. trilobatus* (Lacepède, 1801) as of Randall & Edwards (1984) which does not occur in the Red Sea (Goren & Dor, 1994)

***Thalassoma hebraicum* (Lacepède, 1801)**

The only record of this species from the Red Sea (Günther, 1862) as *Julis genivittata* was a misidentification (Randall & Smith, 2001).

***Thalassoma klunzingeri* Fowler & Steinitz, 1956**

Junior synonym of *T. rueppellii* (Klunzinger, 2001) as of Randall & Miroz (2001)

***Xyrichtys melanopus* Bleeker, 1857**

Dor & Fraser-Brunner (1977) reported this species from Eritrea based on a misidentification of *Iniistius baldwini* (Jordan & Evermann, 1903) (Randall & Earle, 2002). This species is currently placed in the genus *Iniistius* (Allen *et al.*, 2003; Randall, 2005).

***Xyrichtys niger* (Steindachner, 1901)**

Junior synonym of *Iniistius pavo* (Valenciennes, 1840) as of (Randall & Earle, 2002; Randall, 2005).

SCARIDAE

***Scarus caudofasciatus* (Günther, 1862)**

Randall & Bruce (1982) reported this species as probably very rare in the Red Sea but later Randall (pers. comm.) in Dor (1984) affirmed that "it does not penetrate the Red Sea". Despite that affirmation, Goren & Dor (1994) included this species under the number 1040.040.01a.

***Scarus lunulatus* Valenciennes in Cuvier & Valenciennes,** 1840

This species is not identifiable (Randall & Bruce, 1982) since no type exists.

***Xanothon fowleri* Smith, 1956**

Junior synonym of *Scarus russelli* Valenciennes 1840 as of Eschmeyer (1999) which is absent from the Red Sea (Randall, 1986).

OPISTOGNATHIDAE

Opisthognathus muscatensis (not Boulenger) **Dor, 1970**

This species does not occur in the Red Sea (Smith-Vaniz, 1986b). This record is based on misidentification of *Opistognathus* n.sp. known only from the Dahlak Archipelago (Smith-Vaniz, pers.comm).

***Stalix histrio* Jordan & Snyder, 1902**

This western Pacific Ocean species does not occur in the Red Sea (Smith-Vaniz, 1989). Smith-Vaniz' (1974) record is based on a misidentification of *Stalix davidsheni* Klausewitz, 1985 (Smith-Vaniz, 1989).

PINGUIPEDIDAE

***Parapercis nebulosa* (Quoy & Gaimard, 1824)**

This species is restricted to Australian waters (Randall, 2001a). Heemstra (1984c) included it erroneously in the Red Sea in its distribution map based on Bayoumi's (1972) misidentification.

URANOSCOPIDAE

***Uranoscopus oligolepis* Bleeker, 1878**

This species is restricted to Banda Sea to Saya de Malha Bank (Kishimoto, 2001). Halstead (1970) mentioned this species from the Red Sea was misidentification and therefore Brüss (1986) did not included among the Red Sea stargazers.

BLENNIIDAE

***Alticus kirkii* (Günther, 1868)**

Klausewitz (1964a) described the Red Sea population as sub-species *A. kirkii magnusi*: therefore it is unnecessary to mention the species *Alticus kirkii* in addition.

***Alticus saliens* Lacepède, 1800**

All the records of this species from the Red Sea (see Dor, 1984) were misidentifications, probably of *Alticus kirkii magnusi* Klausewitz, 1964. Dor & Goren (1994) quoted Springer (pers. comm.) stating that "this species does not occur in the Red Sea"; despite this, they included it in their list.

***Antennablennius velifer* Smith, 1959**

Junior synonym of *A. variopunctatus* (Jatzow & Lenz, 1898) which does not occur in the Red Sea (Bath, 1983; Goren & Dor, 1994; Randall, 1995).

***Aspidontus taeniatus tractus* Fowler, 1903**

Fowler (1903) described *Aspidontus tractus* from Zanzibar. Later it was considered a subspecies of *A. taeniatus* (Smith-Vaniz, 1987). More recently, Hastings & Springer (2009) elevated it to a specific level.

***Atrosalarias fuscus fuscus* (Rüppell, 1838)**

Springer & Smith-Vaniz (1968) recognized two subspecies, *A. fuscus fuscus* in the Red Sea and the Indian Ocean and *A. fuscus holomelas* in the central and western Pacific Ocean. Later Hastings & Springer (2009) elevated them to a specific level.

***Ecsenius nalolo* Smith, 1959**

This species does not occur in the Red Sea; all previous records from the Red Sea are misidentifications of *E. dentex* Springer, 1988 (V. Springer, pers. comm.).

***Entomacrodus epalzeocheilus* (Bleeker, 1859)**

The inclusion of this species in the list by Goren & Dor (1994) was based on unpublished material.

***Istiblennius andamanensis* (Day, 1869)**

This Indian Ocean species is a junior synonym of *Blenniella cyanostigma* (Bleeker, 1849) which does not occur in the Red Sea (Springer & Williams, 1994). Pfeffer's (1893) record was a misidentification (Dor, 1984).

***Istiblennius* sp.**

Goren & Dor (1994) included it (no. 1100.170.040) as a replacement for *Istiblennius lineatus* (Valenciennes, 1836) which does not occur in the Red Sea (Springer & Williams, 1994).

TRIPTERYGIIDAE

***Enneapterygius* n. sp. 1 Clark, 1980**

Goren & Dor (1994) included it (no. 1120.010.03) based on an undescribed species (Clark, 1980).

***Enneapterygius altipinnis* Clark, 1980**

Junior synonym of *Enneapterygius tutuilae* (Jordan & Seal, 1906) as of Holleman (2005).

AMMODYTIDAE

***Embolichthys mitsukutii* (Jordan & Evermann, 1902)**

This species is now placed in the genus *Bleekeria* but does not occur in the Red Sea (Ida *et al.*, 1994). The only record from the Red Sea (Kotthaus, 1977) is apparently a misidentification.

CLINIDAE

***Cristiceps argentatus* Kossmann, 1879**

This Atlanto-Mediterranean species does not occur in the Red Sea. The locality of Kossmann (1879) record is mistaken (Dor, 1984). This species is placed in the genus *Clinitrachus*.

CALLIONYMIDAE

***Callionymus marleyi* Regan, 1919**

Goren & Dor (1994) quoted R. Fricke (pers. comm.) that Smith's (1963) mentioning of this species from the Red Sea is probably a misidentification of *C. erythraeus* Ninni, 1934.

GOBIIDAE

***Amblygobius klausewitzi* Goren, 1978**

Junior synonym of *Amblygobius nocturnus* (Herre, 1955) as of Randall *et al.* (1993).

***Amblygobius magnusi* (Klausewitz, 1968)**

Junior synonym of *Amblygobius sewardii* (Playfair, 1867) as of H. Larson (pers. comm.).

***Amblyeleotris periophthalma* (Bleeker, 1853)**

Randall (1995) mentioned its occurrence in the Red Sea based on a single erroneous record (Borsieri, 1904). Goren & Dor (1994) did not include it in their list. Later Randall (pers. comm.) acknowledged its absence from the Red Sea.

***Amoya signatus* (Peters, 1855)**

Goren (1979) reported this species as *Yongeichthys pavidus* (Smith, 1959) from Nabek. However, according to Hoese (1986) this species is restricted to Mozambique.

***Bathygobius fishelsoni* Goren, 1978**

Junior synonym of *Bathygobius fuscus* (Rüppell, 1830) as of H. Larson (pers. comm.).

***Bathygobius meteori* (Klausewitz & Zander, 1967)**

Junior synonym of *Palutrus scapulopunctatus* (de Beaufort, 1912) as of D. Hoese (pers. comm.).

***Bryaninops erythrops* (Jordan & Seale, 1906)**

Randall's (1994a) record of this species from the Red Sea was a misidentification of *B. youngei* (Davis & Cohen, 1969) (Herler, pers. comm.).

***Callogobius clarki* (Goren, 1978)**

Junior synonym of *C. bifasciatus* (Smith, 1958) as of Randall *et al.* (1994).

***Coryogalops sufensis* Goren, 1979**

Junior synonym of *Coryogalops anomolus* Smith, 1958 as of Randall *et al.* (1994).

***Gladiogobius ensifer* Herre, 1933**

This species is restricted to the Philippines, Indonesia, Palau and the Ryukyu Islands (Shibukawa & Allen, 2007). All previous records from the Red Sea (see Goren & Dor, 1994) are misidentifications of *G. rex* Shibukawa & Allen, 2007.

***Oxyurichthys papuensis* (Valenciennes, 1837)**

This species does not occur in the Red Sea (H. Larson and F. Pezold, pers. comm.). All previous records of this species from the Red Sea are misidentifications of *O. petersii* (Klunzinger, 1871).

***Pleurosicya sinaia* Goren, 1984**

Junior synonym of *Pleurosicya mossambica* Smith, 1959 as of Larson (1990).

ACANTHURIDAE

***Acanthurus bleekeri* Günther, 1861**

Junior synonym of *Acanthurus mata* (Cuvier, 1829) as of Randall (2002).

***Acanthurus nigricans* (Linnaeus, 1758)**

According to Randall (2002) it is absent from the Red Sea.

***Acanthurus tennenti* Günther, 1861**

This species does not occur in the Red Sea. The records of Roux-Estève & Fourmanoir, 1955 and Roux-Estève (1956) are misidentifications (Randall, 2001c).

***Acanthurus xanthopterus* Valenciennes, 1835**

Several authors mistakenly report this Indo-Pacific species from the Red Sea (see: Dor, 1984). It is absent from the Red Sea (Randall, 2001c). Therefore Randall (1984) did not include the Red Sea in its distribution map.

***Naso annularis* (Quoy & Gaimard, 1825)**

This species does not occur in the Red Sea (Randall, 1984, 2001c). Klunzinger's (1871,1884) records are apparently misidentifications.

***Naso lituratus* (Bloch & Schneider, 1801)**

According to Randall (2002) all Red Sea records of this species are misidentifications of *Naso elegans* (Rüppell, 1829).

***Naso vomer* (Klunzinger, 1871)**

Junior synonym of *Naso hexacanthus* (Bleeker, 1855) as of Randall & Bell (1992) and Randall (2002).

***Zebrasoma veliferum* (Bloch, 1795)**

According to Randall (2002) this species occurs in the western Indian Ocean, Australia, Okinawa, Micronesia and Polynesia. In the Red Sea a similar species, *Zebrasoma desjardinii* (Bennett, 1835), is found.

***Acronurus aegyptius* Gray, 1854**

An unidentifiable species (see Eschmeyer & Fricke, 2009).

SIGANIDAE

***Siganus albopunctatus* (Temminck & Schlegel, 1845)**

Junior synonym of *Siganus fuscescens* (Houttuyn, 1782) as of Woodland (1990). It is restricted to the Indo-Malayan region from northern Australia and New Caledonia to Southern Japan (Woodland, 2001). Its inclusion in the Red Sea list was based only on citations of Fowler & Bean (1929) and Fowler (1945).

***Siganus javus* (Linnaeus, 1766)**

The Arabian Gulf is the westernmost distribution of this Indo-Pacific species (Woodland, 1984, 2001).

GEMPYLIDAE

***Thyrsitoides jordanus* Aijad, Jafari & Mahasneh, 1987**

Junior synonym of *Thyrsitiodes marleyi* Fowler, 1929 as of Baranes & Golani (1993).

SCOMBRIDAE

***Grammatorcynus bicarinatus* (Quoy & Gaimard, 1825)**

This species is restricted to Australia and southern Papua New Guinea (Collette & Nauen, 1983). Tortonese's (1983) recored is probably a misidentification of *Grammatorcynus bilineatus* (Rüppell, 1836).

***Scomber japonicus* Houttuyn, 1782**

According to Baker & Collette (1998) all Red Sea reports of *Scomber japonicus* are misidentifications of *S. australasicus* Cuvier, 1831

ISTIOPHORIDAE

***Makaira indica* (Cuvier, 1832)**

The inclusion of this species to the list was based on a distribution map adding the southern tip of the Red Sea (Nakamura, 1985), however no specimen was recorded for confirmation.

***Tetrapturus audax* (Philippi, 1887)**

The inclusion of this species to the list was based on distribution map adding the southern tip of the Red Sea (Nakamura, 1985), however no specimen was recorded for confirmation.

STROMATEIDAE

***Stromateus fiatola* Linnaeus, 1758**

This Atlanto-Mediterranean species does not occur in the Red Sea. The single record (Gruvel & Chabanaud, 1937) was from the Suez region.

ARIOMMATIDAE

***Ariomma dollfusi* (Chabanaud, 1930)**

Junior synonym of *Ariomma indica* (Day, 1871) as of Parin & Piotrovsky (2004).

BOTHIDAE

***Arnoglossus tapeinosoma* (Bleeker, 1866)**

This species is restricted to Sumatra and China. Dor's (1970) record from the Red Sea is based on a misidentification (Arai & Amaoka, 1996).

***Bothus myriaster* (Temminck & Schlegel, 1846)**

The inclusion of this species to the list was based on (an erroneous) distribution map (Nielsen, 1984).

***Bothus tricirrhitus* Kotthaus, 1977**

Junior synonym of *Bothus pantherinus* (Rüppell, 1830) as of D. Hensley (pers. comm.).

***Engyprosopon maldivensis* (Regan, 1908)**

This species is found from the Maldive Islands to Australia and Japan (Amaoka *et al.*, 1993; Hensley & Amaoka, 2001). Chabanaud's (1942) and Budker & Fourmanoir's (1954) records are misidentifications.

***Laeops kitharae* (Smith & Pope, 1907)**

This species does not occur in the Red Sea and therefore Nielsen (1984) did not include it as part of the region's ichthyofauna. Dor's (1970) record was apparently based on a misidentification.

PARALICHTHIDAE

***Pseudorhombus arsius* (Hamilton, 1822)**

Nielsen (1984) included the Red Sea in the distribution map of this species based on a single erroneous record by Dor (1970).

PLEURONECTIDAE

***Pleuronectes platessa* Linnaeus, 1758**

Hensley (1993) record is questionable and based on damaged specimen.

SOLEIDAE

***Aesopia heterorhina* (Bleeker, 1856)**

The inclusion of this species, now placed in the genus *Soleichthys*, in the list was based on Dor's (1970) misidentification of *Soleichthys dori* Randall & Munroe, 2008.

***Solea elongata* Day, 1877**

The inclusion of this species by Goren & Dor (1994) was based only on a distribution map (Menon, 1984a) but no specimen is available for confirmation.

***Solea vulgaris* Quensel, 1806**

Junior synonym of Atlanto-Mediterranean species *Solea solea* (Linnaeus, 1758). Its inclusion in the list is based on a checklist (Steinitz, 1967) with no specimen for confirmation.

***Synaptura commersonnii* (Lacepède, 1802)**

The inclusion of this species, now placed in the genus *Dagetichthys*, by Goren & Dor (1994) was based only on (an erroneous) distribution map (Menon, 1984a).

***Zebrias quagga* (Kaup, 1858)**

The inclusion of this species in the Red Sea was based only on (an erroneous distribution map by Menon (1984a).

***Zebrias regani* (Gilchrist, 1902)**

This species is known only from the coast of Natal, South Africa (Heemstra & Gon, 1986). Its inclusion in the Red Sea was based on a misidentification by Dor (1970).

CYNOGLOSSIDAE

***Cynoglossus arel* (Bloch & Schneider, 1801)**

Dor (1984) included this species in the Red Sea list only on the basis of other authors' mentioning its occurrence but no specimens are available for confirmation.

***Cynoglossus gilchristi* Regan, 1920**

According to Heemstra (1986) this species is restricted to eastern Africa and Madagascar. The single record from the Red Sea (Bayoumi, 1972) is apparently a misidentification.

***Cynoglossus kopsi* (Bleeker, 1851)**

The spelling of this species is *Cynoglossus kopsii*. The inclusion of this species in the Red Sea by Dor (1984) was based on (an erroneous) distribution map (Menon, 1977) and the assumption that Chabanaud's (1951) record of *Cynoglossus (Cynoglossus) brachycephalus brachycephalus* is a junior synonym.

***Cynoglossus quadrilineatus* (Bleeker, 1851)**

Junior synonym of *Cynoglossus bilineatus* (Lacepède, 1802) as of Eschmeyer (1999), which is not found in the Red Sea (Munroe, 2001). Rüppell (1830) and Klunzinger's (1871) records are apparently misidentifications.

***Cynoglossus sealarki* Regan, 1908**

The occurrence of this species was only mentioned (Chabanaud, 1947) but no specimen was recorded for confirmation.

***Plagusia puncticeps* Richardson, 1846**

This species is currently placed in the genus *Cynoglossus* but does not occur in the Red Sea (Munroe, 2001). The identity of its Red Sea record (Pellegrin, 1912) is doubtful (Dor, 1984).

BALISTIDAE

***Canthidermis maculatus* (Bloch, 1786)**

According to Gill & Randall (1997) all previous Red Sea records were based on misidentifications of *Canthidermis macrolepis* (Boulenger, 1888).

***Melichthys indicus* Randall & Klausewitz, 1973**

Sanzo (1930) recorded *Melichthys ringens* from Quseir and Assab respectively. Dor (1984) considered this species to be a synonym of *Melichthys indicus* Randall & Klausewitz, 1973 and included it in CLOFRES despite his remark that according to Randall & Klausewitz, Sanzo's records were misidentifications.

***Rhinecanthus rectangulus* (Bloch & Schneider, 1801)**

The inclusion of this species by Dor (1984) and Goren & Dor (1994) was based on Red Sea being quoted by Playfair & Günther (1866). Clark & Gohar (1953) stated that this species doesn't exist in the Red Sea.

***Rhinecanthus verrucosus* (Linnaeus, 1758)**

This species occur from the Chagos Archipelago to southern Japan and Vanuatu (Matsuura, 2001). Ben-Tuvia & Steinitz (1952) record from Elat was evidently a misidentification of *Rhinecanthus assasi* (Forsskål in Niebuhr, 1775).

MONACANTHIDAE

***Brachaluteres baueri fahaqa* Richardson, 1848**

Clark & Gohar (1953) described the Red Sea population as subspecies *Brachaluteres baueri fahaqa.* Hutchins & Swainson (1985) elevated it to a specific level.

***Cantherhines dumerilii* (Holland, 1853)**

The inclusion of this species was based on (an erroneous) distribution map (Hutchins, 1984).

***Monacanthus cirrosus* Kossmann & Räuber, 1877**

Junior synonym of *Paramonacanthus nematophorus* (Günther, 1870) as of Hutchins (1997).

***Paramonacanthus barnardi* Fraser-Brunner, 1941**

Junior synonym in part of *Paramonacanthus nematophorus* (Günther, 1870) as of Hutchins (1997).

***Paramonacanthus falcatus* Kotthaus, 1979**

Junior synonym of *Paramonacanthus pusillus* (Rüppell, 1829) as of Hutchins (1997).

***Pseudomonacanthus macrurus* (Bleeker, 1857)**

This Indo-Pacific species does not occur in the Red Sea and therefore Hutchins (1984) did not include it as part of the regions' ichthyofauna. Dor (1984) stated that the Picaglia's (1894) only record is "with query".

***Stephanolepis oblongus* Temminck & Schlegel, 1850**

This species is placed in the genus *Paramonacanthus.* Hutchins (1997) considered it to be a synonym of *P. japonicus.*

***Thamnaconus modestoides* (Barnard, 1927)**

Bauchot & Maugé (1978) described the Red Sea population as subspecies *Thamnaconus modestoides erythraeensis* therefore it is unnecessary to mention the species *Thamnaconus modestoides.*

TETRAODONTIDAE

***Amblyrhinchotes spinosissimus* (Regan, 1908)**

This species which is placed in the genus *Tylerius* (see: Smith & Heemstra, 1986b) does not occur in the Red Sea (Hardy, 1984). Budker & Fourmanoir's (1954) record is evidently a misidentification of *Arothron diadematus* (Rüppell, 1829). Note: a juvenile specimen was recently recorded near the Island of Rhodes in the Mediterranean and considered to be a possible Lessepsian migrant (Corsini *et al*., 2005).

***Arothron hispidus perspicillaris* (Rüppell, 1829)**

Rüppell (1829) described *Tetraodon perspicillaris* which was synonymous with *Arothron hispidus* (Linnaeus, 1758). Klausewitz (1960) and Tortonese (1968) resurrected it unjustifiably to the level of a subspecies.

***Arothtron nigropunctatus* (Bloch & Schneider, 1801)**

This species does not occur in the Red Sea, where it is replaced by *Arothron diadematus* (Rüppell, 1829) (see: Myers, 1999).

***Canthigaster coronata* (Vaillant & Sauvage, 1875)**

According Randall *et al*. (2008) the *Canthigaster coronata* does not occur in the Red Sea where it is replaced by *Canthigaster cyanospilota* Randall, Williams & Rocha, 2008.

DIODONTIDAE

***Diodon holacanthus* Linnaeus, 1758**

This species does not occur in the Red Sea and therefore Leis (1984) did not include the Red Sea in its distribution map. Tortonese's (1935-36) record from Massawa was evidently a misidentification, most likely of *Diodon hystrix* Linnaeus, 1758.

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