Checklist of marine fishes of Albania

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This paper presents an updated checklist of marine fishes of Albania and the first one published in the English language. The checklist contains 262 species compiled from published literature and personal surveys.

Key words: checklist; fish; Albania; Adriatic; Ionian Sea

INTRODUCTION

The Albanian coastline has a total length of about 380 km (excluding the internal shore of coastal lagoons), with about 284 km stretching along the South Adriatic Sea and the remaining 96 km, south of the Gulf of Vlore, facing the North Ionian Sea. The two seas have quite distinct physical and chemical characteristics: the Adriatic Sea shows large seasonal variations in temperature and productivity, with levels of nutrients and salinity largely controlled by freshwater inputs. The Ionian Sea has instead a more uniform physical and chemical oceanography throughout the year (SIMEONI et al., 1997).

The Albanian littoral is of a particular interest from a bio-geographical point of view, as it is located near or on the boundaries of three bio-geographical subdivisions: Eastern Mediterranean, Western Mediterranean and the Adriatic (GIJKNURI, 1995). However, fish fauna was very rarely investigated and the first and only list of marine fishes recorded in Albania was made in 1995 when a total of 250 species was counted (RAKAJ, 1995). Hence, as the list was published in the Albanian language it was rarely used and acknowledged by the international scientific community. Considering the constant and rapid change of climatic and other environmental factors that are influencing ichthyofauna assemblages, it is not surprising that a rising number of new records of fish was observed in all Mediterranean, e.g. in the Adriatic the number of species from 1996 to 2010 was raised by 33 new fish species and 23 new species were added to the list from 2010 to 2020 (LIPEJ & DULČIĆ, 2010; KOVAČIĆ et al., 2020). Therefore, the main objective of this paper is to present the updated checklist of marine fishes of Albania after the period of 25 years since the last one (RAKAJ, 1995), which will be, also, the first one published in the English language and the first one broadly available considering limited edition in Albanian language of RAKAJ’s (1995) book.
MATERIAL AND METHODS

Orders and families were arranged according to Eschmeyer’s Catalog of Fishes (FRICKE et al., 2020; VAN DER LAAN et al., 2020) and Fishbase (www.fishbase.com). Only those marine species which were documented in the scientific literature were taken into consideration. Hence, fish species with typical freshwater habits were excluded from the list while species from brackish waters were included as they were originally reported in RAKAJ’s (1995) list.

This checklist of marine fishes of Albania is compiled using a previous list of RAKAJ (1995) and new records and evidence of fish species by checking ichthyological scientific literature and by recent ichthyofauna surveys conducted by authors of this paper.

RESULTS AND DISCUSSION

The total number of 262 fish species inhabiting the seas of Albania was counted (Agnatha 1, Elasmobranchii 51, Holocephali 1 and Actinopterygii 209) from 106 fish families increasing the known fish diversity for 12 species compared to the last review in RAKAJ (1995) where 250 species were reported. Six of these species have published records for Albanian waters in the last few years (i.e. 2017-2019), while six of them are the first records in Albania originally reported in the present work. Out of this number 19 species from this list are not listed in the recently revised checklist of the Adriatic species (KOVAČIĆ et al., 2020) which can be explained by the bordering position of the southern part of Albania between two seas, the Adriatic and the Ionian. E.g. Carcharhinus melanopterus (Quoy & Gaimard, 1824) and Diplodus cervinus (Lowe, 1838) are typically species that are inhabiting warmer waters than it is the Adriatic, while three cyprinid species (Cyprinidae) are recorded in the southern Albanian brackish lagoons. Even higher number of species that are not recorded in the Adriatic can be counted if we compare this list with the checklist of LIPEJ & DULČIĆ (2010) which are usually considered as the part of the Ionian Sea, and listed them as the Adriatic species due to the certain opinions that the border between the Adriatic and Ionian Sea is more south which results with a situation that whole Albanian waters are part of the Adriatic only and not the Ionian Sea (IHO, 1953).

However, KOVAČIĆ et al. (2020) used some records of the species that have been recorded only in the southern Albanian areas (e.g. Hexanchus nakamura Teng, 1962) which are usually considered as the part of the Ionian Sea, and listed them as the Adriatic species to a common opinion that Albania shares the Adriatic and the Ionian sea. However, KOVAČIĆ et al. (2020) listed 444 species while KOVAČIĆ et al. (2020) ten years after confirmed, using evidence approach, 440 species out of 466 reported species. Although such a high difference may be explained by different geographical and geomorphological factors it is more likely a result of a lack of focused fish surveys in Albania. E.g. KOVAČIĆ et al. (2020) listed 46 goby species and 16 blenny species for the Adriatic while this list reports only 3 goby and 6 blenny species. Moreover, a large portion of deepwater species is missing in the Albanian list. Thus, it can be concluded that the current list can be easily updated with a new species from the future surveys focusing more on some particular habitats which are not traditional fishing grounds, from where most of this list is compiled, such as deep waters and very shallow sandy and rocky bottoms. Hence, a critical assessment of each species’ presence following a protocol of the evidence approach proposed by KOVAČIĆ et al. (2020) would also be beneficial.
List of marine fish species of Albania

**CLASS: PETROMYZONTI**
**ORDER: PETROMYZONTIFORMES**
PETROMYZONTIDAE
PETROMYZON Linnaeus, 1758
1. *Petromyzon marinus* Linnaeus, 1758

**CLASS: ELASMOBRANCHII**
**ORDER: HEXANCHIFORMES**
HEXANCHIDAE
HEPTRANCHIAS Rafinesque & Schmaltz, 1810
2. *Heptranchias perlo* (Bonnaterre, 1788)
HEXANCHUS Rafinesque & Schmaltz, 1810
3. *Hexanchus griseus* (Bonnaterre, 1788)
4. *Hexanchus nakamurai* Teng, 1962 *

**ORDER: LAMNIFORMES**
CARCHARIDAE
CARCHARIAS Rafinesque, 1810
5. *Carcharias taurus* Rafinesque, 1810
ODONTASPIDIDAE
ODONTASPIS Agassiz, 1838
6. *Odontaspis ferox* (Risso, 1810)
LAMNIDAE
CARCHARODON Smith, 1838
7. *Carcharodon carcharias* (Linnaeus, 1758)
ISURUS Rafinesque, 1810
8. *Isurus oxyrinchus* Rafinesque, 1810
LAMNA Cuvier, 1817
9. *Lamna nasus* (Bonnaterre, 1788)

**CETORHINIDAE**
CETORHINUS Blainville, 1816
10. *Cetorhinus maximus* (Günnerus, 1765)

**ALOPIIDAE**
ALOPIAS Rafinesque, 1810
11. *Alopias vulpinus* (Bonnaterre, 1788)
12. *Alopias superciliosus* Lowe, 1841*2

**ORDER: CARCHARHINIFORMES**
PENTANCHIDAE
GALEUS Rafinesque, 1810
13. *Galeus melastomus* Rafinesque, 1810

**SCYLIORHINIDAE**
SCYLIORHINUS Blainville, 1816
14. *Scyliorhinus canicula* (Linnaeus, 1758)
15. *Scyliorhinus stellaris* (Linnaeus, 1758)

**TRIAKIDAE**
GALEORHINUS Blainville, 1816
16. *Galeorhinus galeus* (Linnaeus, 1758)
MUSTELUS Linck, 1790
17. *Mustelus asterias* Cloquet, 1821
18. *Mustelus mustelus* (Linnaeus, 1758)
19. *Mustelus punctulatus* Risso, 1827*1

**CARCHARHINIDAE**
CARCHARHINUS Blainville, 1816
20. *Carcharhinus melanopterus* (Quoy & Gaimard, 1824)
21. *Carcharhinus plumbeus* (Nardo, 1827)
RHIZOPRIONODON Whitley, 1929
22. *Rhizoprionodon acutus* (Rüppell, 1837)*3
PRIONACE Cantor, 1849
23. *Prionace glauca* (Linnaeus, 1758)

**SPHYRINIDAE**
SPHYRNA Rafinesque, 1810
24. *Sphyrna zygaena* (Linnaeus, 1758)

**ORDER: SQUALIFORMES**
DALATIIDAE
DALATIAS Rafinesque, 1810
25. *Dalatias licha* (Bonnaterre, 1778)
ETMOPTERIDAE
ETMOPTERUS Rafinesque, 1810
26. *Etmopterus spinax* (Linnaeus, 1758)

**OXYNOTIDAE**
OXYNOTUS Rafinesque, 1810
27. *Oxynotus centrina* (Linnaeus, 1758)

**CENTROPHORIDAE**
CENTROPHORUS Müller & Henle, 1841
28. *Centrophorus granulosus* (Bloch & Schneider, 1801)

**SQUALIDAE**
SQUALUS Linnaeus, 1758
29. *Squalus acanthias* Linnaeus, 1758
30. *Squalus blainvillei* (Risso, 1827)
ORDER: ECHINORHINIFORMES
ECHINORHINIDAE
ECHINORHINUS Blainville, 1816
31. *Echinorhinus brucus* (Bonnaterre, 1788)

ORDER: SQUATINIFORMES
SQUATINIDAE
SQUATINA Duméril, 1810
32. *Squatina aculeata* Cuvier, 1829
33. *Squatina squatina* (Linnaeus, 1758)

ORDER: TORPEDINIFORMES
RHINOBATIDAE
RHINOBATOS Klein, 1776
34. *Rhinobatos rhinobatos* (Linnaeus, 1758)

TORPEDINIDAE
TORPEDO Houttuyn, 1764
35. *Torpedo marmorata* Risso, 1810
36. *Torpedo torpedo* (Linnaeus, 1758)
TETRONARCE Gill, 1862
37. *Tetronarce nobiliana* (Bonaparte, 1835)*

ORDER: RAJIFORMES
RAJIDAE
DIPTURUS Rafinesque, 1810
38. *Dipturus batis* (Linnaeus, 1758)
39. *Dipturus oxyrinchus* (Linnaeus, 1758)
LEUCORAJA Malm, 1877
40. *Leucoraja fullonica* (Linnaeus, 1758)
RAJA Linnaeus, 1758
41. *Raja asterias* Delaroche, 1809
42. *Raja clavata* Linnaeus, 1758
43. *Raja miraletus* Linnaeus, 1758
44. *Raja radula* Delaroche, 1809
45. *Raja undulata* Lacepède, 1803
ROSTRORAJA Hulley, 1758
46. *Rostroraja alba* Lacepède, 1803

ORDER: MYLIOBATIFORMES
MYLIOBATIDAE
MYLIOBATIS Cuvier, 1816
50. *Myliobatis aquila* (Linnaeus, 1758)
AETOMYLAES Garman, 1908
51. *Aetomyalaes bovinus* (Geoffroy St.Hilaire, 1817)*

MOBULIDAE
MOBULA Rafinesque, 1810
52. *Mobula mobular* (Bonnaterre, 1788)

CLASS: HOLOCEPHALI
ORDER: CHIMAERIFORMES
CHIMAERIDAE
CHIMAERA Linnaeus, 1758
53. *Chimaera monstrosa* Linnaeus, 1758

CLASS: ACTINOPTERYGII = OSTEOICH-THYES
ORDER: ACIPENSERIFORMES
ACIPENSERIDAE
ACIPENSER [Artedi, 1738] Linnaeus, 1758
54. *Acipenser naccarii* Bonaparte, 1830
55. *Acipenser stellatus* Pallas, 1771
56. *Acipenser sturio* Linnaeus, 1758
HUSO Brandt, 1869
57. *Huso huso* (Linnaeus, 1758)

ORDER: ANGUILLIFORMES
ANGUILLIDAE
ANGUILLA Schrank, 1798
58. *Anguilla anguilla* (Linnaeus, 1758)

CHLOPSIDAE
CHLOPSIS Rafinesque, 1810
59. *Chlopsis bicolor* Rafinesque, 1810

MURAENIDAE
MURAENA Linnaeus, 1758
60. *Muraena helena* Linnaeus, 1758

OPHICHTIDAE
DALOPHIS Rafinesque, 1810
61. *Dalophis imberbis* (Delaroche, 1809)
ECHELUS Rafinesque, 1810
62. *Echelus myrus* (Linnaeus, 1758)
OPHISURUS Lacepède, 1800

63. Ophisurus serpens Linnaeus, 1758

CONGERIDAE

CONGER Oken, 1817

64. Conger conger (Linnaeus, 1758)

ORDER: CLUPEIFORMES

CLUPEIDAE

ALOSA Linck, 1790

65. Alosa agone (Scopoli, 1786)

66. Alosa fallax (Lacepède, 1803)

SARDINA Antipa, 1906

67. Sardina pilchardus (Walbaum, 1792)

68. Sardinella aurita Valenciennes, 1847

SPRATTUS Girgensohn, 1846

69. Sprattus sprattus (Linnaeus, 1758)

ENGRaulidae

ENgraulis Cuvier, 1816

70. Engraulis encrasicolus (Linnaeus, 1758)

ORDER: CYPRINIFORMES

CYPRINIDAE

ALBURNUS Rafinesque, 1820

71. Alburnus chalcoides (Güldenstädt, 1772)

SCARDINIUS (subgenus of Leuciscus) Bonaparte, 1837

72. Scardinius scardafa (Bonaparte, 1837)

TINCA Garsault, 1764

73. Tinca tinca (Linnaeus, 1758)

ORDER: ARGENTINIFORMES

ARGENTINIDAE

ARGENTINA Linnaeus, 1758

74. Argentina sphyraena Linnaeus, 1758

GLOSSANODON Guichenot, 1867

75. Glossanodon leioglossus (Valenciennes, 1848)

MICROSTOMATIDAE

Microstoma Cuvier, 1816

76. Microstoma microstoma (Risso, 1810)

NANSENIA Jordan & Evermann, 1896

77. Nansenia oblita (Facciola, 1887)

ORDER: AULOPIFORMES

AULOPIDAE

AULOPUS Cloquet, 1816

78. Aulopus filamentosus (Bloch, 1792)

CHLOROPHTALMIDAE

CHLOROPHTHALMUS Bonaparte, 1840

79. Chlorophthalmus agassizii Bonaparte, 1840

SYNODONTIDAE

SAURIDA Valenciennes, 1849

80. Saurida lesepsianus Russell, Golani & Tikochinski, 2015

SYNODUS Scopoli, 1777

81. Synodus saurus (Linnaeus, 1758)

ORDER: LAMPRIFORMES

TRACHIPTERIDAE

TRACHIPTERUS Goian, 1770

82. Trachipterus trachypterus (Gmelin, 1789)

ZU Walters & Fitch, 1960

83. Zu cristatus (Bonelli, 1829)

ORDER: TRACHICHTHYIFORMES

TRACHICHTHYIDAE

HOPLOSTETHUS Cuvier, 1819

84. Hoplostethus cucullatus Cuvier, 1829

ORDER: GADIFORMES

GADIDAE

MICROMESISTIUS Gill, 1863

85. Micromesistius poutassou (Risso, 1826)

TRISOPTERUS Rafinesque, 1814

86. Trisopterus capelanus (Lacepède, 1800)

LOTIDAE

GAIDROPSARUS Rafinesque, 1810

87. Gaidropsarus mediterraneus (Linnaeus, 1758)

MACROURIDAE

COELORINCHUS Giorna, 1809

88. Coelorinchus caelorhinchus (Risso, 1810)

MERLUCCIIDAE

MERLUCCIUS Rafinesque, 1810

89. Merluccius merluccius (Linnaeus, 1758)

PHYCIDAE
PHYCIS Artedi, 1792
90. Phycis blennoides (Brünnich, 1768)
91. Phycis phycis (Linnaeus, 1758)

ORDER: OPHIDIIFORMES

OPHIDIIDAE
OPHIDION Linnaeus, 1758
92. Ophidion barbatum Linnaeus, 1758
93. Ophidion rochei Müller, 1845
PAROPHIDION Tortonese, 1954
94. Parophidion vassali (Risso, 1810)

CARAPIDAE
CARAPUS Rafinesque, 1810
95. Carapus acus (Brünnich, 1768)

ORDER LOPHIIFORMES

LOPHIIDAE
LOPHIUS Linnaeus, 1758
96. Lophius budegassa Spinola, 1807
97. Lophius piscatorius Linnaeus, 1758

ORDER: GOBIESOCIFORMES

GOBIIDAE
LEPADOGASTER Goüan, 1770
98. Lepadogaster lepadogaster (Bonnaterre, 1788)

ORDER: ATERINIFORMES

ATERINI

ATERINA Linnaeus, 1758
99. Atherina boyeri Risso, 1810
100. Atherina hepetus Linnaeus, 1758

ORDER: CYPRINODONTIFORMES

CYPRINODONTIDAE
APHANIUS Nardo, 1827
101. Aphanius fasciatus Nardo, 1827
102. Aphanius dispar (Rüppell, 1829)
103. Aphanius iberus (Valenciennes, 1846)

POECILIIDAE
POECILIA Bloch & Schneider, 1801
104. Poecilia reticulata Peters, 1859

ORDER: BELONIFORMES

BELONIDAE
BELONE Cuvier, 1817
105. Belone belone (Linnaeus, 1760)

EXOCOETIDAE
EXOCOETUS Linnaeus, 1758
106. Exocoetus volitans Linnaeus, 1758
CHEILOPOGON Lowe, 1840
107. Cheilopogon exsiliens (Linnaeus, 1771)
108. Cheilopogon heterus (Rafinesque, 1810)
HIRUNDICHTHYS Breder, 1928
109. Hirundichthys rondeletii (Valenciennes, 1846)

SCOMBEROSOCIDAE
SCOMBEROSOX Lacepède, 1803
110. Scomberesox saurus (Walbaum, 1792)

ORDER: MUGILIFORMES

MUGILIDAE
CHELON Artedi, 1793
111. Chelon labrosus (Risso, 1827)
112. Chelon ramada (Risso, 1827)
LIZA Jordan & Swain, 1884
113. Liza aurata (Risso, 1810)
114. Liza saliens (Risso, 1810)
MUGIL Linnaeus, 1758
115. Mugil cephalus Linnaeus, 1758
OEDALECHILUS Fowler,
116. Oedalechilus labeo (Cuvier, 1829)

ORDER: ZEIFORMES

ZEIDAE
ZEUS Linnaeus, 1758
117. Zeus faber Linnaeus, 1758

ORDER: ACANTHURIFORMES

CAPROIDAE
CAPROS Lacepède, 1802
118. Capros aper (Linnaeus, 1758)

ORDER: SYGNATHIFORMES

CENTRISCIDAE
MACRORAMPHOSUS Lacepède, 1803
119. Macroramphosus scolopax (Linnaeus, 1758)

SYGNATHIDAE
HIPOCAMPUS Rafinesque, 1810
120. Hippocampus hippocampus (Linnaeus, 1758)
121. *Hippocampus guttulatus* Cuvier, 1829

**SYNGNATHIDAE**

122. *Syngnathus acus* Linnaeus, 1758
123. *Syngnathus tenuirostris* Rathke, 1837
124. *Syngnathus typhle* Linnaeus, 1758

**ORDER: SCORPAENIFORMES**

**PERISTEIDAE**

125. *Peristedion cataphractum* (Linnaeus, 1758)

**SEBASTIDAE**

126. *Helicolenus dactylopterus* (Delaroche, 1809)

**SCORPAENIDAe**

127. *Scorpaena porcus* Linnaeus, 1758
128. *Scorpaena notata* Rafinesque, 1810
129. *Scorpaena scrofa* Linnaeus, 1758

**DACTYLOPTERIDAE**

130. *Dactylopterus volitans* (Linnaeus, 1758)

**TRIGLIDAE**

131. *Aspitrigla cuculus* (Linnaeus, 1758)
132. *Chelidonichthys lucerna* (Linnaeus, 1758)
133. *Chelidonichthys lastoviza* (Bonnaterre, 1788)
134. *Chelidonichthys obscurus* (Bloch & Schneider, 1801)

**LEPIDOTRIGLA**

135. *Lepidotrigla güntheri* Günther, 1860
136. *Trigla lyra* Linnaeus, 1758

**ORDER: PERCIFORMES**

**MORONIDAE**

137. *Dicentrarchus labrax* (Linnaeus, 1758)
138. *Dicentrarchus punctatus* (Bloch, 1792)

**POLYPRIONIDAE**

139. *Polyprion americanus* (Bloch & Schneider, 1801)

**SERRANIDAE**

140. *Anthias anthias* (Linnaeus, 1758)
141. *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)
142. *Epinephelus caninus* (Valenciennes, 1843)
143. *Epinephelus costae* (E. Geoffroy, 1817)
144. *Epinephelus marginatus* (Lowe, 1834)

**SEBASTIDAE**

145. *Serranus cabrilla* (Linnaeus, 1758)
146. *Serranus hepatus* (Linnaeus, 1758)
147. *Serranus scriba* (Linnaeus, 1758)

**CALLANTHIDAE**

148. *Callanthias ruber* (Rafinesque, 1810)

**APOGONIDAE**

149. *Apogon imberbis* (Linnaeus, 1758)

**ECHENEIDAE**

150. *Remora remora* (Linnaeus, 1758)
151. *Remora brachyptera* (Lowe, 1839)

**CARANGIDAE**

152. *Lichia amia* (Linnaeus, 1758)

**NAUCRATES**

153. *Naucrates ductor* (Linnaeus, 1758)

**SERIOLA**

154. *Seriola dumerili* (Risso, 1810)
155. *Trachinotus ovatus* (Linnaeus, 1758)
156. *Trachurus mediterraneus* (Steindachner, 1868)
157. *Trachurus picturatus* (T.E. Bowdich, 1825)
158. *Trachurus trachurus* (Linnaeus, 1758)

**CORYPHAENIDAE**

159. *Coryphaena hippurus* (Linnaeus, 1758)

**SERRANIDAE**

160. *Boops Boops* (Cuvier, 1814)
160. *Boops boops* (Linnaeus, 1758)
   DENTEX Cuvier, 1814
161. *Dentex gibbosus* (Rafinesque, 1810)
162. *Dentex dentex* (Linnaeus, 1758)
163. *Dentex macrophthalmus* (Bloch, 1791)
   DIPLODUS Rafinesque, 1810
164. *Diplodus annularis* (Linnaeus, 1758)
165. *Diplodus puntazzo* (Cetti, 1777)
166. *Diplodus sargus* (Linnaeus, 1758)
167. *Diplodus vulgaris* (Geoffroy Saint-Hilaire, 1817)
168. *Diplodus cervinus* (Lowe, 1838)
   LITHOGNATHUS Swainson, 1839
169. *Lithognathus mormyrus* (Linnaeus, 1758)
   OBLADA Cuvier, 1829
170. *Oblada melanura* (Linnaeus, 1758)
   PAGELLUS Valenciennes, 1830
171. *Pagellus acarne* (Risso, 1826)
172. *Pagellus bogaraveo* (Brünnich, 1768)
173. *Pagellus erythrinus* (Linnaeus, 1758)
   PAGRUS Cuvier, 1816
174. *Pagrus caeruleostictus* (Valenciennes, 1830)
175. *Pagrus pagrus* (Linnaeus, 1758)
   SPARUS Linnaeus, 1758
176. *Sparus aurata* Linnaeus, 1758
   SPICARA Rafinesque, 1810
178. *Spicara flexuosa* Rafinesque, 1810
179. *Spicara maena* (Linnaeus, 1758)
180. *Spicara smaris* (Linnaeus, 1758)
   SPONDYLIOSOMA Cantor, 1849
181. *Spondyliosoma cantharus* (Linnaeus, 1758)
   SCIAENIDAE
   ARGYROSOMUS De La Pylaie, 1835
182. *Argyrosomus regius* (Asso, 1801)
   SCIAENA Linnaeus, 1758
183. *Sciaena umbra* Linnaeus, 1758
   UMBRINA Cuvier, 1816
184. *Umbrina cirrosa* (Linnaeus, 1758)
   MULLIDAE
   MULLUS Linnaeus, 1758
185. *Mullus barbatus* Linnaeus, 1758
186. *Mullus surmuletus* Linnaeus, 1758
   CEPOLIDAE
   CEPOLA Linnaeus, 1766
187. *Cepola macrophthalmus* (Linnaeus, 1758)
   POMACENTRIDAЕ
   CHROMIS Cuvier, 1814
188. *Chromis chromis* (Linnaeus, 1758)
   LABRIDAE
   CORIS Lacepède, 1801
189. *Coris julis* (Linnaeus, 1758)
   LABRUS Linnaeus, 1758
190. *Labrus merula* Linnaeus, 1758
191. *Labrus mixtus* Linnaeus, 1758
192. *Labrus viridis* Linnaeus, 1758
   SYMPHODUS Rafinesque, 1810
193. *Symphodus cinereus* (Bonnaterre, 1788)
194. *Symphodus doderleini* Jordan, 1891
195. *Symphodus mediterraneus* (Linnaeus, 1758)
196. *Symphodus ocellatus* (Forsskål, 1775)
197. *Symphodus roissali* (Risso, 1810)
198. *Symphodus rostratus* (Bloch, 1797)
199. *Symphodus tinca* (Linnaeus, 1758)
   THALASSOMA Swainson, 1839
200. *Thalassoma pavo* (Linnaeus, 1758)
   XYRICHTHYS Cuvier, 1814
201. *Xyrichthus novacula* (Linnaeus, 1758)
   SCARIDAE
   SPARISOMA Swainson, 1839
202. *Sparisoma cretense* (Linnaeus, 1758)*
   TRACHINIDAE
   ECHICHTHYS Bleeker, 1861
203. *Echichthys vipera* (Cuvier, 1829)
   TRACHINUS Linnaeus, 1758
204. *Trachinus araneus* Cuvier, 1829
205. *Trachinus draco* Linnaeus, 1758
206. *Trachinus radiatus* Cuvier, 1829
   TETRAGONURIDAE
   TETRAGONURUS Risso, 1810
207. *Tetragonurus cuvieri* Risso, 1810
   URANOSCOPIDAE
URANOSCOPUS Linnaeus, 1758

208. Uranoscopus scaber Linnaeus, 1758

**BLENNIIDAE**

PARABLENNIUS Miranda-Ribeiro, 1915

209. Parablellnius gattorugine (Linnaeus, 1758)
210. Parablellnius sanguinolentus (Pallas, 1814)
211. Parablellnius tentacularis (Brünnich, 1768)

SALARIA Forsskål, 1775

212. Salaria basilisca (Valenciennes, 1836)
213. Salaria pavo (Risso, 1810)

SCARTELLA Jordan, 1886

214. Scartella cristata (Linnaeus, 1758)

**CALLIONYMIDAE**

CALLIONYMUS Linnaeus, 1758

215. Callionymus lyra Linnaeus, 1758
216. Callionymus maculatus Rafinesque, 1810
217. Callionymus risso Lesueur, 1814

GOBIIDAE

GOBIUS Linnaeus, 1758

218. Gobius bucchichi Steindachner, 1870
219. Gobius niger Linnaeus, 1758

KNIPOWITSCHA Iljin, 1927

220. Knipowitschia panizzae (Verga, 1841)

SIGANIDAE

221. Siganus rivulatus Forsskål, 1775*
222. Siganus luridus (Rüppell, 1829)*

**LUVARIDAE**

LUVARUS Rafinesque, 1810

223. Luvarus imperialis Rafinesque, 1810

**SPHYRAENIDAE**

SPHYRAENA Artedi, 1793

224. Sphyraena sphyraena (Linnaeus, 1758)

**GEMPYLIDAE**

RUVETTUS Cocco, 1833

225. Ruvettus pretiosus Cocco, 1833**

**TRICHIURIDAE**

LEPIDOPUS Goüan, 1770

226. Lepidopus caudatus (Euphrasen, 1788)

TRICHIURUS Linnaeus, 1758

227. Trichiurus lepturus Linnaeus, 1758

**XIPHIIDAE**

XPHIAS Linnaeus, 1758

228. Xiphias gladius Linnaeus, 1758

**SCOMBRIDAE**

AUXIS Cuvier, 1829

229. Auxis rochei (Risso, 1810)

EUTHYNNUS Lütken, 1883

230. Euthynnus allletteratus (Rafinesque, 1810)

SARDA Cuvier, 1829

231. Sarda sarda (Bloch, 1793)

SCOMBER Linnaeus, 1758

232. Scomber colias Gmelin, 1789
233. Scomber scombrus Linnaeus, 1758

THUNNUS South, 1845

234. Thunnus thynnus (Linnaeus, 1758)

**CENTROLOPHIDAE**

CENTROLOPHUS Lacepède, 1802

235. Centrolophus niger (Gmelin, 1789)

**STROMATEIDAE**

STROMATEUS Linnaeus, 1758

236. Stromateus fiatiola Linnaeus, 1758

**ORDER: PLEURONECTIFORMES**

**CITHARIDAE**

CITHARUS Rose, 1793

237. Citharus linguatula (Linnaeus, 1758)

**SCOPHTHALMIDAE**

LEPIDORHOMBUS Günther, 1862

238. Lepidorhombus boscii (Risso, 1810)
239. Lepidorhombus whiffiagonis (Walbaum, 1792)

ZEUGOPTERUS Gottsche, 1835

240. Zeugopterus regius (Bonnatere, 1788)

SCOPHTHALMUS Rafinesque, 1810

241. Scophthalmus maximus (Linnaeus, 1758)
242. Scophthalmus rhombus (Linnaeus, 1758)

**BOTHIDAE**

ARNOGLOSSUS Bleeker, 1862

243. Arnoglossus imperialis (Rafinesque, 1810)
244. Arnoglossus kessleri Schmidt, 1915
245. Arnoglossus laterna (Walbaum, 1792)
246. Arnoglossus rueppelli (Cocco, 1844)
247. Arnoglossus thori Kyle, 1913
BOTHUS Rafinesque, 1810
248. Bothus podas (Delaroche, 1809)

PLEURONECTIDAE

PLATICHTHYS Girard, 1856
249. Platichthys flesus (Pallas, 1811)

SOLEIDAE

BUGLOSSIDIUM Chabanaud, 1930
250. Buglossidium luteum (Risso, 1810)

MICROCHIRUS Bonaparte, 1833
251. Microchirus ocellatus (Linnaeus, 1758)
252. Microchirus variegatus (Donovan, 1808)

MONOCHIRUS Rafinesque, 1814
253. Monochirus hispidus (Rafinesque, 1814)

PEGUSA Günther, 1862
254. Pegusa lascaris (Risso, 1810)
255. Pegusa nasuta (Pallas, 1814)
256. Pegusa impar Bennett, 1831

SOLEA Quensel, 1806
257. Solea solea (Linnaeus, 1758)

SYNAPTURICHTHYS Chabanaud, 1927
258. Synapturichthys kleini (Risso, 1827)

ORDER: TETRAODONTIFORMES

BALISTIDAE

BALISTES Linnaeus, 1758
259. Balistes carolinensis Gmelin, 1789

TETRAODONTIDAE

LAGOCEPHALUS Swainson, 1839
260. Lagocephalus sceleratus (Gmelin, 1789)

MOLIDAE

MOLA Koelreuter, 1770
261. Mola mola (Linnaeus, 1758)

RANZANIA Nardo, 1840
262. Ranzania laevis (Pennant, 1776)

* New species records - personal observations except 1 BAKIU et al. (2018); 2 GIOVOS & CAKALLI (2017); 3 BAKIU (2019); 4 BAKIU & TROPLINI (2018); 5 GIOVOS & BAKIU (2017); 6 BAKIU & DURMISHAJ (2019).

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Pregledna lista morskih riba Albanije

Alen SOLDO i Rigers BAKIU

SAŽETAK

U ovom se radu prezentira nova pregledna lista morskih riba koje žive u morima Albanije, a ujedno je i prva takva lista publicirana na engleskom jeziku. Lista sadrži 262 vrste riba i sastavljena je korištenjem objavljene literature te podacima iz istraživanja autora.

Ključne riječi: lista; ribe; Albanija; Jadransko i Jonsko more