

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 fresh-water 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 (GJIKNURI, 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; KOVĀČIĆ *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). This fact can be used as support to a common opinion that Albania shares the

Adriatic and the Ionian sea. However, KOVAČIĆ *et al.* (2020) used some records of the species that have been recorded only in the southern Albanian areas (e.g. *Hexanchus nakamurai* Teng, 1962) 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). Nevertheless, it is obvious that this new checklist of the Albanian marine fishes will impact the Adriatic checklist and probably the Ionian. Also, it has to be noted that the number of the Albanian fishes is considerably lower than the number of Adriatic species as LIPEJ & DULČIĆ (2010) listed 440 species while KOVAČIĆ *et al.* (2020) ten years after confirmed, using evidence approach, 444 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. *Heptanchias perlo* (Bonnaterre, 1788)

HEXANCHUS Rafinesque & Schmaltz, 1810

3. *Hexanchus griseus* (Bonnaterre, 1788)4. *Hexanchus nakamurai* Teng, 1962 *¹**ORDER: LAMNIFORMES****CARCHARIIDAE**

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, 182118. *Mustelus mustelus* (Linnaeus, 1758)19. *Mustelus punctulatus* Risso, 1827***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)**SPHYRNIDAE**

SPHYRNA Rafinesque, 1810

24. *Sphyrna zygaena* (Linnaeus, 1758)**ORDER: SQUALIFORMES****DALATIIDAE**

DALATIAS Rafinesque, 1810

25. *Dalatias licha* (Bonnaterre, 1778)**ETMOPTERIDAE**

ETMOPTERUS Rafinesque, 1810

26. *Etomopterus 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, 175830. *Squalus blainvilie* (Risso, 1827)

ORDER: ECHINORHINIFORMES**ECHINORHINIDAE**

ECHINORHINUS Blainville, 1816

31. *Echinorhinus brucus* (Bonnaterre, 1788)**ORDER: SQUATINIFORMES****SQUATINIDAE**

SQUATINA Duméril, 1810

32. *Squatina aculeata* Cuvier, 182933. *Squatina squatina* (Linnaeus, 1758)**ORDER: TORPEDINIFORMES****RHINOBATIDAE**

RHINOBATOS Klein, 1776

34. *Rhinobatos rhinobatos* (Linnaeus, 1758)**TORPEDINIDAE**

TORPEDO Houttuyn, 1764

35. *Torpedo marmorata* Risso, 181036. *Torpedo torpedo* (Linnaeus, 1758)

TETRONARCE Gill, 1862

37. *Tetronarce nobiliana* (Bonaparte, 1835) *⁴**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, 180942. *Raja clavata* Linnaeus, 175843. *Raja miraletus* Linnaeus, 175844. *Raja radula* Delaroche, 180945. *Raja undulata* Lacepède, 1803

ROSTRORAJA Hulley, 1758

46. *Rostroraja alba* Lacepède, 1803**ORDER: MYLIOBATIFORMES****DASYATIDAE**

BATHYTOSHIA Whitley, 1933

47. *Bathytoshia centroura* (Mitchill, 1815)

DASYATIS Rafinesque, 1810

48. *Dasyatis pastinaca* (Linnaeus, 1758)**GYMNURIDAE**

GYMNURA Van Hasselt, 1823

49. *Gymnura altavela* (Linnaeus, 1758)**MYLIOBATIDAE**

MYLIOBATIS Cuvier, 1816

50. *Myliobatis aquila* (Linnaeus, 1758)

AETOMYLAEUS Garman, 1908

51. *Aetomylaeus 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 = OSTEICHTHYES****ORDER: ACIPENSERIFORMES****ACIPENSERIDAE**

ACIPENSER [Artedi, 1738] Linnaeus, 1758

54. *Acipenser naccarii* Bonaparte, 183055. *Acipenser stellatus* Pallas, 177156. *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
- CONGRIDAE**
 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)
 SARDINELLA Valenciennes, 1847
 68. *Sardinella aurita* Valenciennes, 1847
 SPRATTUS Girgensohn, 1846
 69. *Sprattus sprattus* (Linnaeus, 1758)
- ENGRAULIDAE**
 ENGRAULIS Cuvier, 1816
 70. *Engraulis encrasiculus* (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 lessepsianus* 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: TRACHICHTHYFORMES**
- TRACHICHTHYIDAE**
 HOPLOSTETHUS Cuvier, 1829
 84. *Hoplostethus mediterraneus* 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)
- MACROOURIDAE**
 COELORINCHUS Giorna, 1809
 88. *Coelorinchus caelorhincus* (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

GOBIESOCIDAE

LEPADOGASTER Goüan, 1770

98. *Lepadogaster lepadogaster* (Bonnaterre, 1788)

ORDER: ATHERINIFORMES

ATHERINIDAE

ATHERINA Linnaeus, 1758

99. *Atherina boyeri* Risso, 1810

100. *Atherina hepsetus* 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 heterurus* (Rafinesque, 1810)

HIRUNDICHTHYS Breder, 1928

109. *Hirundichthys rondeletii* (Valenciennes, 1846)

SCOMBERESOCIDAE

SCOMBERESOX 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: SYNGNATHIFORMES

CENTRISCIDAE

MACRORAMPHOSUS Lacepède, 1803

119. *Macroramphosus scolopax* (Linnaeus, 1758)

SYNGNATHIDAE

HIPPOCAMPUS Rafinesque, 1810

120. *Hippocampus hippocampus* (Linnaeus, 1758)

121. *Hippocampus guttulatus* Cuvier, 1829
SYNGNATHUS Linnaeus, 1758
122. *Syngnathus acus* Linnaeus, 1758
123. *Syngnathus tenuirostris* Rathke, 1837
124. *Syngnathus typhle* Linnaeus, 1758
- ORDER: SCORPAENIFORMES**
- PERISTEDIIDAE**
- PERISTEDION Lacepède, 1801
125. *Peristedion cataphractum* (Linnaeus, 1758)
- SEBASTIDAE**
- HELICOLENUS Goode & Bean, 1896
126. *Helicolenus dactylopterus* (Delaroche, 1809)
- SCORPAENIDAE**
- SCORPAENA Linnaeus, 1758
127. *Scorpaena porcus* Linnaeus, 1758
128. *Scorpaena notata* Rafinesque, 1810
129. *Scorpaena scrofa* Linnaeus, 1758
- DACTYLOPTERIDAE**
- DACTYLOPTERUS Lacepède, 1801
130. *Dactylopterus volitans* (Linnaeus, 1758)
- TRIGLIDAE**
- ASPITRIGLA Fowler, 1925
131. *Aspitrigla cuculus* (Linnaeus, 1758)
- CHELIDONICHTHYS Kaup, 1873
132. *Chelidonichthys lucerna* (Linnaeus, 1758)
133. *Chelidonichthys lastoviza* (Bonnaterre, 1788)
134. *Chelidonichthys obscurus* (Bloch & Schneider, 1801)
- LEPIDOTRIGLA Günther, 1860
135. *Lepidotrigla cavillone* (Lacepède, 1801)
- TRIGLA Linnaeus, 1758
136. *Trigla lyra* Linnaeus, 1758
- ORDER: PERCIFORMES**
- MORONIDAE**
- DICENTRARCHUS Gill, 1860
137. *Dicentrarchus labrax* (Linnaeus, 1758)
138. *Dicentrarchus punctatus* (Bloch, 1792)
- POLYPRIONIDAE**
- POLYPRION Oken, 1817
139. *Polyprion americanus* (Bloch & Schneider, 1801)

- SERRANIDAE**
- ANTHIAS Bloch, 1792
140. *Anthias anthias* (Linnaeus, 1758)
- EPINEPHELUS Bloch, 1793
141. *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)
142. *Epinephelus caninus* (Valenciennes, 1843)
143. *Epinephelus costae* (E. Geoffroy, 1817)
144. *Epinephelus marginatus* (Lowe, 1834)
- SERRANUS Cuvier, 1816
145. *Serranus cabrilla* (Linnaeus, 1758)
146. *Serranus hepatus* (Linnaeus, 1758)
147. *Serranus scriba* (Linnaeus, 1758)
- CALLANTHIDAE**
- CALLANTHIAS Lowe, 1839
148. *Callanthias ruber* (Rafinesque, 1810)
- APOGONIDAE**
- APOGON Lacepède, 1801
149. *Apogon imberbis* (Linnaeus, 1758)
- ECHENEIDAE**
- REMORA Gill, 1862
150. *Remora remora* (Linnaeus, 1758)
151. *Remora brachyptera* (Lowe, 1839)
- CARANGIDAE**
- LICHIA Cuvier, 1816
152. *Lichia amia* (Linnaeus, 1758)
- NAUCRATES Rafinesque, 1810
153. *Naucrates ductor* (Linnaeus, 1758)
- SERIOLA Cuvier, 1817
154. *Seriola dumerili* (Risso, 1810)
- TRACHINOTUS Lacepède, 1801
155. *Trachinotus ovatus* (Linnaeus, 1758)
- TRACHURUS Rafinesque, 1810
156. *Trachurus mediterraneus* (Steindachner, 1868)
157. *Trachurus picturatus* (T.E. Bowdich, 1825)
158. *Trachurus trachurus* (Linnaeus, 1758)
- CORYPHAEINIDAE**
- CORYPHAEENA Linnaeus, 1758
159. *Coryphaena hippurus* Linnaeus, 1758
- SPARIDAE**
- BOOPS Cuvier, 1814

160. *Boops boops* (Linnaeus, 1758)
DENTEX Cuvier, 1814
161. *Dentex gibbosus* (Rafinesque, 1810)
162. *Dentex dentex* (Linnaeus, 1758)
163. *Dentex macrophtalmus* (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)
- SARPA Bonaparte, 183
176. *Sarpa salpa* (Linnaeus, 1758)
- SPARUS Linnaeus, 1758
177. *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)
- POMACENTRIDAE
- 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. *Syphodus cinereus* (Bonnaterre, 1788)
194. *Syphodus doderleini* Jordan, 1891
195. *Syphodus mediterraneus* (Linnaeus, 1758)
196. *Syphodus ocellatus* (Forsskål, 1775)
197. *Syphodus roissali* (Risso, 1810)
198. *Syphodus rostratus* (Bloch, 1797)
199. *Syphodus tinca* (Linnaeus, 1758)
- THALASSOMA Swainson, 1839
200. *Thalassoma pavo* (Linnaeus, 1758)
- XYRICHTHYS Cuvier, 1814
201. *Xyrichtys 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. *Parablennius gattorugine* (Linnaeus, 1758)
 210. *Parablennius sanguinolentus* (Pallas, 1814)
 211. *Parablennius 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 buccichii* Steindachner, 1870
 219. *Gobius niger* Linnaeus, 1758
- KNIPOWITSCHIA 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**
- RUVENTTUS Cocco, 1833
 225. *Ruvettus pretiosus* Cocco, 1833*⁵
- TRICHIURIDAE**
- LEPIDOPUS Goüan, 1770
 226. *Lepidopus caudatus* (Euphrasen, 1788)
- TRICHIURUS Linnaeus, 1758
 227. *Trichiurus lepturus* Linnaeus, 1758
- XIPHIIDAE**

- XIPHIAS Linnaeus, 1758
 228. *Xiphias gladius* Linnaeus, 1758
- SCOMBRIDAE**
- AUXIS Cuvier, 1829
 229. *Auxis rochei* (Risso, 1810)
- EUTHYNNUS Lütken, 1883
 230. *Euthynnus alletteratus* (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* (Bonnaterre, 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) *⁶

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