

base of the ventrals, and ends at a distance from the caudal equal to about two-thirds the length of the head. Pectorals pointed, the upper border the longest, but not so long as the head, and extending slightly further back than the points of the ventrals. Ventrals inserted behind the pectorals, and extending to a little more than half the distance to the vent, the lateral line extending on to the tail. Total length of the specimen, $15\frac{2}{10}$ in.

Canterbury, mouth of River Avon.

ART. XXXI.—*List of the New Zealand Fishes.*

By Professor F. W. HUTTON.

[Read before the Philosophical Institute of Canterbury, 5rd October, 1889.]

DURING the eighteen years that have passed since the publication by the Geological Department of the Catalogue of the Fishes of New Zealand, several active workers have been in the field, who have added a number of additional species to our fauna; also many errors in nomenclature have been corrected, principally by Dr. A. Gunther, of the British Museum; and, in order to facilitate further progress, it seems to me to be desirable to collect together the information we now possess. With this object in view I have drawn up the following list, the arrangement followed being that of Dr. Gunther's "Study of Fishes." I have not thought it necessary to give complete references to all descriptions, but only those which show the evidence for the species being included in the list. In the references, Cat. means the "Catalogue of the Fishes of New Zealand, 1872;" and vol. means the volume of the "Transactions of the New Zealand Institute." An asterisk prefixed to a reference indicates that a figure will be found there. A note of interrogation prefixed to a species means that it is doubtful whether it really occurs in the New Zealand seas.

ELASMOBRANCHII.

CARCHARIDÆ.

1. CARCHARIAS BRACHYURUS, Gunther; Catalogue, p. 75.
2. GALEUS AUSTRALIS, Macleay, Cat. Australian Fishes, p. 290; *G. canis*, Cat., p. 81.
3. ZYGÆNA MALLEUS, Risso; Cat., p. 76; vol. 5, p. 271.
4. MUSTELUS ANTARCTICUS, Gunth.; *Cat., p. 76; fig. 123; vol. 15, p. 219.

LIAMNIDÆ.

5. LIAMNA CORNUBICA, Gml. ; vol. 7, p. 237.
6. CARCHARODON RONDELETTII, Mull. and Henle ; Cat., p. 78.
7. ALOPECIAS VULPES, Gml. ; Cat., p. 78.

NOTIDANIDÆ.

8. NOTIDANUS INDICUS, Cuv. ; Cat., p. 79.

SCYLLIDÆ.

9. SCYLLIUM LATICEPS, Dumeril ; Cat., p. 79 ; vol. 8, p. 216.

SPINACIDÆ.

10. CENTRINA SALVIANA, Risso. A specimen is in the Christ-church Museum.
11. ANTHIAS VULGARIS, Risso ; Cat., p. 76.
12. SCYMNUS LICHIA, Cuv. ; *vol. 15, p. 223.
13. ECHINORHINUS SPINOSUS, Gml. ; vol. 16, p. 280.

RHINOBATIDÆ.

14. (?) RHINOBATIS BANKSII, Mull. and Henle ; Cat., p. 82.
15. (?) TRYGNORHINA FASCIATA, Mull. and Henle ; Cat., p. 82.

TORPEDINIDÆ.

16. TORPEDO FAIRCHILDII, Hutton ; *Cat., p. 83, fig. 134.
17. " FUSCA, Parker ; *vol. 16, p. 281.

RAJIDÆ.

18. RAJA NASUTA, Solander ; Cat., p. 84 ; vol. 8, p. 216.

TRYGNIDÆ.

19. TRYGN BREVICAUDATUS, Hutton ; vol. 8, p. 216.

MYLIOBATIDÆ.

20. MYLIOBATIS TENUICAUDATUS, Hector ; *vol. 9, p. 486.

CHIMÆRIDÆ.

21. CALLORHYNCHUS ANTARCTICUS, Lacep. ; Cat., p. 74.
22. " DASYCAUDATUS, Colenso ; *vol. 11, p. 299.

TELEOSTEI.

PERCIDÆ.

23. ANTHIAS LEPIDOPTERA, Forster ; *Scorpis hectori*, Hutton, *Cat., pp. 4 and 106, fig. 4.
24. ANTHIAS LONGIMANUS, Gunth. ; *Scorpis hectori*, Hutton, *vol. 5, p. 259 ; *S. fairchildi*, Hector, vol. 7, p. 241.
25. PLECTROPOMA HUNTII, Hector ; *vol. 7, p. 240.
26. POLYPRION PROGNAETHUS, Forst. ; *Oligorus gigas*, *Cat., pp. 1 and 102, fig. 1 ; Ann. Nat. Hist., Sept., 1887, p. 236.

27. PENTACEROS RICHARDSONII, Smith. Specimens in the Canterbury Museum.
 28. PLAGIOGENEION RUBIGINOSUS, Hutton (*Therapon*), vol. 8, p. 209; *Plagiogeneion*, Forbes, vol. 22, p. 273.
 29. ERYTHRICHTHYS NITIDUS, Richardson; Cat., p. 3.
 30. ARRIPIS SALAR, Rich.; *Cat., pp. 2 and 105, fig. 2.

SQUAMIPENNES.

31. ATYPICHTHYS STRIGATUS, Gunth.; *vol. 12, p. 308, *Atypus*.

MULLIDÆ.

32. UPENEICHTHYS VLAMINGII, C. and V.; Cat., p. 5, *Upeneoides*; *vol. 9, p. 465.

SPARIDÆ.

33. GIRELLA SIMPLEX, Rich.; *vol. 9, p. 468: *G. percoides*, Hector, *vol. 7, p. 243: *Ctenolabrus knoxi*, Hutton, *vol. 5, pp. 265 and 308.
 34. HAPLODACTYLUS MEANDRATUS, Rich.; *vol. 7, p. 241; vol. 8, p. 211: *H. donaldi*, Haast, *vol. 5, p. 272: *Chironemus georgianus*, Cat., p. 7.
 35. PAGRUS UNICOLOR, Quoy and Gaim.; *Cat., pp. 6 and 106, fig. 7.

CIRRHITIDÆ.

36. CHIRONEMUS FERGUSONI, Hector; *vol. 9, p. 467: *Haplodactylus*, vol. 7, p. 243.
 37. CHILODACTYLUS MACROPTERUS, Forst.; *Cat., pp. 8 and 107, fig. 10.
 38. CHILODACTYLUS SPECTABILIS, Hutton; Cat., p. 8; *vol. 5, p. 259: *C. allporti*, Gunth., vol. 9, p. 469.
 39. CHILODACTYLUS DOUGLASI, Hector; *vol. 7, p. 244.
 40. (?) " CARPONEMUS, Gunth.; Cat., p. 7.
 41. MENDOSOMA LINEATA, Gay; *vol. 5, p. 260. Not *Sciæna lineata*, Forst.
 42. LATRIS HECATEIA, Rich.; *Cat., pp. 8 and 107, fig. 12; *S. lineata*, Forst.
 43. LATRIS CILIARIS, Forst.; *Cat., pp. 9 and 108, fig. 13.
 44. " ÆROSA, Hutton; vol. 9, p. 353.

SCORPÆNIDÆ.

45. SEBASTES PERCOIDES, Solander; Cat., pp. 9 and 108; *vol. 5, p. 261.
 46. SCORPÆNA CRUENTA, Solander; Cat., p. 9; *vol. 5, p. 261.
 47. SCORPÆNA BARATHRI, Hector; *vol. 7, p. 245.
 48. " BYSSOENSIS, Rich.; vol. 16, p. 323.
 49. AGRIOPUS LEUCOPÆCILUS, Rich.; Cat., p. 11; vol. 8, p. 211.
 50. (?) PROSOPODASYS COTTOIDES, L.; Cat., p. 11.

BERYCIDÆ.

51. TRACHYICHTHYS ELONGATUS, Gunth.; Cat., p. 12.
 52. " INTERMEDIUS, Hector; *vol. 7, p. 245.
 53. " TRAILLI, Hutton; vol. 8, p. 212; *vol. 17,
 p. 162.
 54. BERYX AFFINIS, Gunth.; *vol. 9, p. 466; *Ann. Nat.
 Hist., ser. 5, vol. 20, p. 238.

XIPHIIDÆ.

55. XIPHIAS GLADIUS, L.; vol. 7, p. 246; vol. 8, p. 219.
 56. HISTIOPHORUS HERSCHELII, Gray; Cat., p. 14; *vol. 2,
 p. 13; vol. 8, p. 216.

TRICHIURIDÆ.

57. LEPIDOPUS CAUDATUS, Euphasen; *Cat., pp. 13 and 109,
 fig. 19; vol. 8, p. 218.
 58. LEPIDOPUS ELONGATUS, Clarke; *vol. 11, p. 294. Per-
 haps identical with *L. tenuis*, from Japan.
 59. THYRSITES ATUN, Euphasen; *Cat., pp. 13 and 109,
 fig. 20.
 60. THYRSITES PROMETHEUS, C. and V.; vol. 16, p. 322.

ACRONURIDÆ.

61. (?) ACANTHURUS TRIOSTEGUS, L.; Cat., p. 15.

CARANGIDÆ.

62. CARANX TRACHURUS, L.; *Cat., pp. 16 and 110, fig. 23,
Trachurus.
 63. CARANX GEORGIANUS, C. and V.; *Cat., pp. 16 and 110,
 fig. 24.
 64. CARANX KOHERU, Hector; *vol. 7, p. 247.
 65. SERIOLA LALANDII, C. and V.; *Cat., pp. 17 and 111,
 fig. 25.
 66. SERIOLELLA BRAMA, Gunth.; *Cat., pp. 21 and 112, fig. 31,
Neptomenus.
 67. SERIOLELLA BILINEATA, Hutton; *vol. 5, p. 261.
 68. " POROSA, Guichen; vol. 8, p. 211.
 69. NEPTOTICHTHYS VIOLACEUS, Hutton; *Ditrema violacea*,
 Hutton, *vol. 5, p. 261. As *Ditrema* has been placed
 near the *Labridæ*, I am compelled to make a new
 genus for this fish. It is distinguished from *Platy-*
stethus by its dorsal fin, its præoperculum, and its
 dentition.
 70. PLATYSTETHUS HUTTONI, Gunth.; Ann. Nat. Hist., ser. 4,
 vol. 17, p. 395; vol. 9, p. 470; * "Challenger," Pelagic
 Fishes, p. 13, pl. ii.
 71. NAUCRATES DUCTOR, L.; Cat., p. 18.

CYTTIDÆ.

72. ZEUS FABER, L. ; *Cat., pp. 18 and 111, fig. 27.
 73. " NOVÆ-ZEALANDIÆ, Arthur ; *vol. 17, p. 163.
 74. CYTTUS AUSTRALIS, Rich. ; *Cat., pp. 19 and 112, fig. 28.
 75. " TRAVERSI, Hutton ; Cat., p. 19 ; *vol. 5, p. 261.
 76. " ABBREVIATUS, Hector ; *vol. 7, p. 247, *Platy-
 thus*.

CORYPHÆNIDÆ.

77. BRAMA RAIL, Bleeker ; *vol. 9, p. 405 : *Toxotes squa-
 mosus*, Hutton, vol. 8, p. 210.
 78. LAMPRIUS LUNA, Risso ; vol. 16, p. 322.
 79. DISCUS AUREUS, Campbell ; *vol. 11, p. 297.

NOMEIDÆ.

80. GASTROCHISMA MELAMPUS, Rich. ; Cat., p. 20 ; *vol. 6,
 p. 104.

SCOMBRIDÆ.

81. SCOMBER AUSTRALASICUS, C. and V. ; *Cat., pp. 21 and
 112, fig. 32.
 82. LEPIDOTHYNNUS HUTTONI, Gunth. ; *"Challenger," Pelagic
 Fishes, p. 16, pl. vi.
 83. PELAMYS CHILENSIS, C. and V. (?) ; Cat., p. 22.
 84. ECHENEIS BRACHYPTERA, Lowe ; vol. 8, p. 217.

TRACHINIDÆ.

85. ANEMA MONOPTERYGIUM, Bleeker ; Cat., p. 23, *Kathe-
 tostoma* ; vol. 6, p. 104 ; vol. 9, p. 469 ; *Synnema*,
 Haast, vol. 5, p. 274 ; *K. giganteum*, Haast, *vol. 5,
 p. 274.
 86. KATHETOSTOMA LÆVE, Bleeker ; Cat., p. 23.
 87. " FLUVIATILIS, Hutton ; Cat., p. 24.
 88. LEPTOSCOPIUS MACROPYGIUS, Rich. ; *vol. 6, p. 116 ;
L. huttonii, Haast, *vol. 5, p. 275.
 89. CRAPATALUS NOVÆ-ZEALANDIÆ, Gunth., Ann. Nat. Hist.,
 ser. 3, vol. 7, p. 87 : *L. angusticeps*, Hutton, *vol. 6,
 p. 106 : *L. robsoni*, Hector, vol. 7, p. 248 : *L. canis*,
 Arthur, vol. 17, p. 165.
 90. PERCIS COLIAS, Forst. ; *Cat., pp. 25 and 113, fig. 38.
 91. " GILLIESII, Hutton ; Ann. Nat. Hist., ser. 5,
 vol. 3, p. 53.
 92. BOVICHTHYS VARIEGATUS, Rich. ; Cat., p. 24 ; *vol. 5,
 p. 262.
 93. CHEIMARRICHTHYS FORSTERI, Haast ; *vol. 6, p. 103.
 94. NOTOTHENIA MAORIENSIS, Haast ; *vol. 5, p. 276.
N. coriiceps of Catalogue.
 95. NOTOTHENIA ANGUSTATA, Hutton ; vol. 8, p. 213.

96. NOTOTHENIA CORNUCOLA, Rich.; Cat., p. 26; vol. 5, p. 262.
 97. NOTOTHENIA ARGUTA, Hutton; vol. 11, p. 339.
 98. " MICROLEPIDOTA, Hutton; vol. 8, p. 213.
 99. " PARVA, Hutton; vol. 11, p. 339.

PSYCHROLUTIDÆ.

100. NEOPHRYNICHTHYS LATUS, Hutton; *Psychrolutes latus*, Hutton, vol. 8, p. 214: *Neophrynichthys*, Gunth., Ann. Nat. Hist., ser. 4, vol. 17, p. 395; vol. 9, p. 470; *vol. 17, p. 166.

PEDICULATI.

101. SACCARIUS LINEATUS, Gunth.; Cat., p. 30.
 102. ÆGESNICHTHYS APPELLII, Clarke; *vol. 10, p. 245.

COTTIDÆ.

103. LEPIDOTRIGLA BRACHYOPTERA, Hutton; Cat., p. 27; *vol. 5, p. 263.
 104. TRIGLA KUMU, Less. and Garn.; *Cat., pp. 28 and 113, fig. 42.

GOBIIDÆ.

105. GOBIUS LENTIGINOSUS, Rich.; Cat., p. 29.
 106. ELEOTRIS GOBIOIDES, C. and V.; Cat., p. 29; *vol. 5, p. 263.
 107. ELEOTRIS RADIATA, Quoy and Gaim.; *vol. 5, p. 263.

TRICHONOTIDÆ.

108. HEMEROCÆTES ACANTHORHYNCHUS, Forst.; Cat., p. 37.

BLENNIIDÆ.

109. CLINUS RUBRUS, Hutton; *vol. 5, p. 264: *Sticharium rubrum*, Cat., p. 33.
 110. CLINUS FLAVESCENS, Hutton; *vol. 5, p. 264: *Sticharium flavescens*, Cat., p. 33.
 111. CRISTICEPS AUSTRALIS, C. and V.; vol. 5, p. 264.
 112. TRIPTERYGIUM FORSTERI, C. and V.; *Blennius tripennis*, Forst.
 113. TRIPTERYGIUM DECEMDIGITATUS, Clarke; *vol. 11, p. 292. Perhaps the same as the last.
 114. TRIPTERYGIUM MEDIUM, Gunth.; Cat., p. 32.
 115. " DORSALIS, Clarke; *vol. 11, p. 291.
 116. " VARIUM, Forst.; *T. nigripenne*, C. and V., vol. 5, p. 263.
 117. TRIPTERYGIUM ROBUSTUM, Clarke; *vol. 11, p. 292: *T. jenningsi*, Hutton, vol. 11, p. 339.

118. AUCHENOPTERUS FENESTRATUS, Forst. (*Blennius*);
T. compressum, Hutton; *vol. 5, p. 263; *vol. 17,
p. 168.

119. ACANTHOCLINUS LITTOREUS, Forst.; Cat., p. 34.

120. " TAUMAKA, Clarke; *vol. 11, p. 293.

SPHYRÆNIDÆ.

121. SPHYRÆNA OBTUSATA, C. and V.; *vol. 12, p. 310.

ATHERINIDÆ.

122. ATHERINA PINGUIS, Lacep.; *vol. 12, p. 309.

MUGILIDÆ.

123. MUGIL CEPHALOTUS, C. and V.; vol. 4, p. 189; *vol. 5,
p. 264: *M. perusii*, *Cat., pp. 36 and 113, fig. 57.

124. AGONOSTOMA FORSTERI, Bleeker; *Cat., pp. 37 and 114,
fig. 58.

CENTRISCIDÆ.

125. CENTRISCUS HUMEROSUS, Rich.; Cat., p. 38.

GOBIESOCIDÆ.

126. DIPLOCREPIS PUNICEUS, Rich.; Cat., p. 40; vol. 8, p. 214.

127. TRACHELOCHISMUS PINNULATUS, Forst.; Cat., p. 40;
vol. 8, p. 214.

128. TRACHELOCHISMUS GUTTULATUS, Hutton; Cat., p. 41.

129. CREPIDOGASTER HECTORIS, Gunth.; Ann. Nat. Hist.,
ser. 4, vol. 17, p. 396; vol. 9, p. 471.

TRACHYPTERIDÆ.

130. REGALECUS PACIFICUS, Haast; *vol. 10, p. 247; vol. 11,
p. 269.

131. REGALECUS ARGENTEUS, Parker; *vol. 16, p. 284; vol. 20,
p. 20.

132. TRACHYPTERUS ALTIVELIS, Kner.; vol. 5, p. 264; vol. 8,
p. 214.

133. TRACHYPTERUS ARAWATA, Clarke; *vol. 13, p. 195.

NOTACANTHI.

134. NOTACANTHUS SEXSPINIS, Rich.; Cat., p. 39.

POMACENTRIDÆ.

135. (?) DASYLLUS ARUANUS, L.; Cat., p. 42.

LABRIDÆ.

136. COSSYPHUS UNIMACULATUS, Gunth.; vol. 16, p. 323.

137. LABRICHTHYS FUCICOLOR, Rich.; vol. 5, p. 265; *Cat.,
fig. 68 (*bothryocosmus*).

138. LABRICHTHYS BOTHRYCOSMUS, Rich.; Cat., p. 43; *vol. 5, p. 265.
 139. LABRICHTHYS COCCINEA, Forst.; *L. psittacula*, Cat., p. 43; *vol. 5, p. 265.
 140. LABRICHTHYS CELIDOTA, Forst.; Cat., p. 42.
 141. " CINCTA, Hutton; vol. 9, p. 354.
 142. " LATICLAVIUS, Rich.; vol. 16, p. 323.
 143. CYMOLUTES SANDEYERI, Hector; vol. 16, p. 323.
 144. ODAX VITTATUS, Solander; Cat., p. 43; vol. 5, p. 266; vol. 8, p. 214; vol. 12, p. 310; *vol. 17, p. 169.
 145. CORIDODAX PULLUS, Forst.; *Cat., pp. 44 and 114, fig. 71; vol. 3, p. 130; vol. 5, p. 266.

LYCODIDÆ.

146. HYPOLYCODES HAASTII, Hector; vol. 13, p. 194.

GADIDÆ.

147. BATHYGADUS COTTOIDES, Gunth.; Ann. Nat. Hist., ser. 5, vol. 2, p. 23; *"Challenger," Deep-sea Fishes.
 148. MERLUCCIUS GAYI, Guichen; *Gadus australis*, Hutton, *Cat., pp. 45 and 115, fig. 72.
 149. HALARGYREUS JOHNSONII, Gunth.; Cat., p. 45.
 150. PSEUDOPHYCIS BACHUS, Forst.; *Cat., pp. 46 and 115, fig. 75.
 151. PSEUDOPHYCIS BREVIUSCULUS. Rich.; *Cat., p. 47, fig. 76.
 152. LOTELLA RHACINUS, Forst.; Cat., p. 46; vol. 5, p. 266; *vol. 6, plate 18.
 153. MOTELLA NOVÆ-ZEALANDIÆ, Hector; *vol. 6, p. 107.
 154. AUCHENOCEROS PUNCTATUS, Hutton, Gunth. in *"Challenger," Pelagic Fishes, p. 26, pl. iii.; *Calloptilum punctatum*, Hutton, *vol. 5, p. 267 (fig. wrong); *Bregmaceros punctatus*, Gunth., Ann. Nat. Hist., ser. 4; vol. 17, p. 398.

OPHIDIIDÆ.

155. DINEMATICHTHYS CONSOBRINUS, Hutton; vol. 8, p. 217; *vol. 9, p. 466.
 156. GENYPTERUS BLACODES, Forst.; *Cat., pp. 48 and 116, fig. 77.

GADOPSIDÆ.

157. GADOPSIS MARMORATUS, Rich.; Ann. Mag. Nat. Hist., ser. 4, vol. 1, p. 342.

MACRURIDÆ.

158. MACRURUS AUSTRALIS, Rich.; *Cat., p. 49, fig. 78; vol. 5, p. 267.

159. *MACRURUS ARMATUS*, Hector; *vol. 7, p. 249.
 160. " *LONGIROSTRIS*, Gunth.; Ann. Nat. Hist., ser. 5, vol. 2, p. 23; *"Challenger," Deep-sea Fishes.
 161. *MACRURORUS NOVÆ-ZEALANDIÆ*, Hector; *Cat., p. 49, fig. 79; *vol. 3, p. 136, *Coryphænoides*.
 162. *CORYPHÆNOIDES DENTICULATUS*, Rich.; *Cat., p. 49, fig. 80.
 163. *CORYPHÆNOIDES MURRAYI*, Gunth.; Ann. Nat. Hist., ser. 5, vol. 2, p. 26; *"Challenger," Deep-sea Fishes.
 164. *CORYPHÆNOIDES SERRULATUS*, Gunth.; *l.c.*, p. 26; *"Challenger," Deep-sea Fishes.

PLEURONECTIDÆ.

165. *BRACHYPLEURA NOVÆ-ZEALANDIÆ*, Gunth.; Cat., p. 50.
 166. *PSEUDORHOMBUS SCAPHUS*, Forst.; *Cat., p. 51, fig. 82.
 167. " *BOOPS*, Hector; *vol. 7, p. 249.
 168. *AMMOTRETIS ROSTRATUS*, Gunth.; vol. 8, p. 215.
 169. " *GUNTHERI*, Hutton; *vol. 5, p. 267.
 170. *RHOMBOLEA MONOPUS*, Gunth., *Cat., pp. 51 and 117, fig. 83: *Bowenia novæ-zealandiæ*, Haast, *vol. 5, p. 277, monstrosity.
 171. *RHOMBOLEA FLESOIDES*, Gunth.; vol. 8, p. 215: *R. leporina*, *vol. 5, p. 268.
 172. *RHOMBOLEA TAPIRINA*, Gunth.; *vol. 6, p. 106; vol. 8, p. 215; vol. 9, p. 471.
 173. *RHOMBOLEA RETIARIA*, Hutton; vol. 6, p. 107: *R. tapi-rina*, *vol. 5, p. 258.
 174. *PELTORHAMPHUS NOVÆ-ZEALANDIÆ*, Gunth.; *Cat., p. 52, fig. 84.

SCOPELIDÆ.

175. *SCOPELUS PARVIMANUS*, Gunth. (?); *vol. 5, p. 269.
 176. " *HECTORIS*, Gunth.; Ann. Nat. Hist., ser. 4, vol. 17, p. 399; vol. 9, p. 471.
 177. *SCOPELUS BOOPS*, Rich.; vol. 5, p. 269.
 178. " *CORUSCANS*, Rich. (*Myctophum*); vol. 5, p. 270.
 179. *BATHYSAURUS FEROX*, Gunth.; Ann. Nat. Hist., ser. 5, vol. 2, p. 182; *"Challenger," Deep-sea Fishes.
 180. *CHLOROPHTHALMUS GRACILIS*, Gunth.; *l.c.*, p. 182; *"Chal-lenger," Deep-sea Fishes.

SCOMBRESOCIDÆ.

181. *SCOMBRESOX FORSTERI*, C. and V.; Cat., p. 53.
 182. *HEMIRHAMPHUS INTERMEDIUS*, C. and V.; *Cat., pp. 53 and 118, fig. 86.
 183. *EXOCÆTUS MICROPTERUS*, C. and V. (?); Cat., p. 54.
 184. " *SPECULIGER*, C. and V.; Cat., p. 55.

GALAXIDÆ.

185. GALAXIAS ALEPIDOTUS, Forst. ; Cat., p. 58.
 186. " FASCIATUS, Gray ; *Cat., pp. 59 and 128, fig. 94.
 187. " BREVIPINNIS, Gunth. ; Cat., p. 59 : *G. grandis*,
 Haast, *vol. 5, p. 278.
 188. GALAXIAS OLIDUS, Gunth. ; vol. 5, p. 270.
 189. " ATTENUATUS, Jenyns ; *Cat., p. 60, fig. 96 ;
 *vol. 2, p. 84, fig. 2.
 190. NEOCHANNA APODA, Gunth. ; *Cat., pp. 61 and 130, fig. 97.

STERNOPTYCHIDÆ.

191. PHOTICHTHYS ARGENTEUS, Hutton ; Cat., p. 56 ; *vol. 5,
 p. 269.
 192. ARGYROPELECUS INTERMEDIUS, Clarke ; *vol. 10, p. 244.
 193. MAUROLICUS AMETHYSTINO-PUNCTATUS, Cocco ; vol. 9,
 p. 472 : *M. australis*, Hector, *vol. 7, p. 250.

SALMONIDÆ.

194. RETROPINNA RICHARDSONI, Gill ; *Cat., pp. 58 and 126,
 fig. 92 ; *vol. 2, p. 81, fig. 1 : *R. osmeroides*, Hector,
 *vol. 3, p. 134.
 195. ARGENTINA DECAGON, Clarke ; *vol. 11, p. 296 : *A. elongata*,
 Hutton, Ann. Nat. Hist., ser. 5, vol. 3, p. 53.

HAPLOCHITONIDÆ.

196. PROTOTROCTES OXYRHYNCHUS, Gunth. ; *Cat., pp. 57 and
 123, fig. 21 ; vol. 10, p. 250 ; vol. 17, p. 171 :
R. upokororo, Hector, *vol. 3, p. 134.

GONORHYNCHIDÆ.

197. GONORHYNCHUS GREYI, Rich. ; *Cat., pp. 62 and 119,
 fig. 98.

CLUPEIDÆ.

198. ENGRAULIS ENCRASICHOLUS, var. ANTIPODUM, Gunth. ;
 *Cat., p. 62, fig. 99 ; vol. 5, p. 270.
 199. CLUPEA SAGAX, Jenyns ; *Cat., p. 63, fig. 100 ; *vol. 15,
 p. 208.
 200. CLUPEA SPRATTUS, var. ANTIPODUM, Hector ; Cat., p. 133 ;
 *vol. 15, p. 203.
 201. CHANOS SALMONEUS, Forst. ; *Cat., p. 64, fig. 101.

MURÆNIDÆ.

202. ANGUILLA AUCKLANDICA, Rich. ; *Cat., pp. 64 and 131,
 fig. 102.
 203. ANGUILLA LATIROSTRIS, Risso ; Cat., p. 65 ; vol. 5, p. 271.
 204. " AUSTRALIS, Rich. ; *Cat., p. 65, fig. 104.

205. CONGER VULGARIS, Cuv. ; *Cat., p. 66, fig. 105.
 206. CONGROMURÆNA HABENTATA, Rich. ; *Cat., p. 66, fig. 106.
 207. OPHICHTHYS SERPENS, L. ; Cat., p. 66: *S. novæ-zealandiæ*,
 Hector, *vol. 2, p. 34.
 208. MURÆNA KRULLI, Hector ; *vol. 9, p. 468.

SYGNATHIDÆ.

209. SYGNATHUS PELAGICUS, L. ; Cat., p. 67.
 210. " BLAINVILLIANUS, Edy. and S. ; vol. 9, p. 472.
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