

OCCASIONAL PAPER NO. 216

**RECORDS OF THE
ZOOLOGICAL SURVEY OF INDIA**

Marine fishes of Pondichery and Karaikal

**S. S. MISHRA
S. KRISHNAN**

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S. S. MISHRA and S. KRISHNAN

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CONTENTS

INTRODUCTION 1

LIST OF MARINE FISHES KNOWN FROM PONDICHERY AND KARAIKAL..... 1

SYSTEMATIC ACCOUNT 17

SUMMARY..... 52

ACKNOWLEDGEMENT 52

REFERENCE 52

INTRODUCTION

The state of Pondicherry is discontinuously distributed in the east and west coasts of India and covers an area of 492 square kilometres. It comprises of four far flung pockets *viz.*, Pondicherry (11°46' to 12°30' N and 79°36' to 79°53' E) ; Karaikal (10°49' to 11°01' N and 75°43' to 75°52' E) ; Mahe (11°42' to 11°43' N and 75°31' to 75°33' E) and Yanam (16°42' to 16°46' N and 82°11' to 82°19' E). Pondicherry, Karaikal and Yanam are located in the Coromandel coast while Mahe is on the Malabar coast.

In this paper we concentrate only on Pondicherry and Karaikal which have a coast line of 45 kms and 20 kms respectively. In these two regions brackish water resources are spread out to 745 hectares in Pondicherry and 125 hectares in Karaikal. The coast line is mostly sandy and has the common geological features of Coromandel coast. From the ichthyotaxonomic point of view Pondicherry is unique due to reporting of many fish species as new to science in the last two centuries. Major works pertaining to this area are by Cuvier and Valenciennes (1828-49), Cuvier (1829), Muller and Henle (1838-41), Menon (1961, 1966) and Wongratana (1983), though Day (1875-78) has provided information about a few species based on earlier work. Perusal of literature reveals paucity of taxonomic inputs during the present century. It may be of great interest to note that a number of fishes have been described from Pondicherry, a small ubiquitous place where infrastructural facilities for fishing were lacking. In the present work material accumulated in the M. B. S. and S. R. S. of Z. S. I., Madras have been studied. Classification and arrangement of families is after Nelson (1984) and presentation of species is in alphabetical order.

Abbreviations used : KVL— Dr. K. V. Lakshminarayana; MS— Dr. M. Srinivasan ; SK— Dr. S. Krishnan; SSM— S. S. Mishra ; TES— T. E. Sivaprakasam ; MBS— Marine Biological station at Madras ; SRS— Southern Regional station at Madras ; ZSI— Zoological Survey of India ; Coll.— collected by ; Regn. No.— registration number ; SL— standard length.

LIST OF MARINE FISHES KNOWN FROM PONDICHERRY AND KARAİKAL

Species recorded for the first time are marked with asterisk (*), those originally described from Pondicherry and Karaikal are marked with the sign (@) and those examined by us, apart from the new records, are marked with the sign (+) ; the rest are from literature.

Class **CHONDRICHYTHYES**
 Order **ORECTOLOBIFORMES**
 Family **HEMISCYLLIDAE**

1. *Chiloscyllium griseum* Muller & Henle, 1841

Order **CARCHARHINIFORMES**
 Family **CARCHARHINIDAE**

@ 2. *Carcharhinus dussumieri* (Valenciennes, 1841)

@ 3. *C. hemiodon* (Valenciennes, 1841)

@ 4. *C. sorrah* (Valenciennes, 1841)

@ 5. *Galeocerdo cuvier* (Parson & Le Sueur, 1822)

@ 6. *Lamiopsis temmincki* (Muller & Henle, 1839)

Order **TORPEDINIFORMES**
 Family **NARCINIDAE**

+ 7. *Narcine brunnea* Annandale, 1909

8. *N. timlei* (Bloch & Schneider, 1801)

Family **NARKIDAE**

+ 9. *Narke dipterygia* (Bloch & Schneider, 1801)

Order **RAJIFORMES**
 Family **RHINOBATIDAE**

@ 10. *Rhinobatos granulatus* Cuvier, 1929

@ 11. *R. obtusus* Muller & Henle, 1841

Order **MYLIOBATIFORMES**
 Family **DASYATIDAE**

* 12. *Dasyatis imbricata* (Schneider, 1801)

* 13. *D. kuhli* (Muller & Henle, 1841)

+@ 14. *D. zugei* (Muller & Henle, 1841)

15. *Gymnura micrura* (Schneider, 1801),

16. *G. poecilura* (Shaw, 1804)

17. *Himantura uarnak* (Forsskal, 1775)

Family MYLIOBATIDAE

18. *Aetobatus narinari* (Euphrasen. 1790)

Class OSTEICHTHYES

Order ELOPIFORMES

Family ELOPIDAE

19. *Elops machnata* (Forsskal, 1775)

Family MEGALOPIDAE

20. *Megalops cyprinoides* (Broussonet, 1782)

Order ANGUILLIFORMES

Family MURAENIDAE

21. *Gymnothorax punctata* (Bloch & Schneider, 1801)

* 22. *G. reticularis* Bloch, 1795

* 23. *Thyrsoidea macrura* (Bleeker, 1854)

Family CONGRIDAE

* 24. *Ariosoma anago* (Temminck & Schlegel, 1844)

* 25. *Uroconger lepturus* (Richardson, 1848)

Family OPHICHTHIDAE

@ 26. *Bascanichthys deraniyagalai* Menon, 1961

* 27. *Ophichthus cephalozona* (Bleeker, 1865)

Family MURAENESOCIDAE

* 28. *Muraenesox bagio* (Hamilton-Buchanan, 1822)

Order CLUPEIFORMES

Family CLUPEIDAE

* 29. *Amblygaster clupeioides* Bleeker, 1849

30. *A. sirm* (Walbaum, 1792)

31. *Anodontosoma chacunda* (Hamilton-Buchanan, 1822)

- + 32. *Dussumieria acuta* Valenciennes, 1847
- @ 33. *Escualosa thoracata* (Valenciennes, 1847)
- * 34. *Hilsa kelee* (Cuvier, 1829)
- + 35. *Nematalosa nasus* (Bloch, 1795)
- +@36. *Sardinella albella* (Valenciennes, 1847)
- * 37. *S. dayi* Regan, 1917
- + 38. *S. fimbriata* (Valenciennes, 1847)
- * 39. *S. gibbosa* (Bleeker, 1849)
- +@40. *S. longiceps* Valenciennes, 1847
 - 41. *S. melanura* (Cuvier, 1829)
 - 42. *S. sindensis* (Day, 1878)
 - 43. *Tenualosa ilisha* (Hamilton-Buchanan, 1822)
- @ 44. *T. toli* (Valenciennes, 1847)

Family PRISTIGASTERIDAE

- 45. *Ilisha elongata* (Bennett, 1830)
- * 46. *I. megaloptera* (Swainson, 1839)
- + 47. *I. melastoma* (Schneider, 1801)
- @ 48. *I. obfuscata* Wongratana, 1983
 - 49. *Opisthopterus tardoor* (Cuvier, 1829)
 - 50. *Pellona ditchela* Valenciennes, 1847

Family ENGRAULIDIDAE

- @ 51. *Coilia dussumieri* (Valenciennes, 1848)
- * 52. *Encrasicholina heteroloba* (Ruppell, 1837)
- @ 53. *Setipinna taty* (Valenciennes, 1848)
- * 54. *Stolephorus andhraensis* Babu Rao, 1966
 - 55. *S. commersonii* Lacepede, 1803
 - 56. *S. indicus* (van Hasselt, 1823)
- + 57. *Thryssa dussumieri* (Valenciennes, 1848)
- + 58. *T. hamiltonii* (Gray, 1835)
 - 59. *T. malabarica* (Bloch, 1795)
 - 60. *T. mystax* (Bloch & Schneider, 1801)
 - 61. *T. purava* (Hamilton-Buchanan, 1822)
- + 62. *T. setirostris* (Broussonet, 1782)

Family CHIROCENTRIDAE

63. *Chirocentrus dorab* (Forsskal, 1775)* 64. *C. nudus* Swainson, 1839

Order GONORYNCHIFORMES

Family CHANIDAE

65. *Chanos chanos* (Forsskal, 1775)

Order SILURIFORMES

Family BAGRIDAE

66. *Mystus gulio* (Hamilton-Buchanan, 1822)

Family ARLLDAE

67. *Arius arius* (Hamilton-Buchanan, 1822)68. *A. caelatus* Valenciennes, 184069. *A. jella* Day, 187870. *A. sagor* (Hamilton-Buchanan, 1822)71. *A. thalassinus* (Ruppell, 1837)

Family PLOTOSIDAE

@ 72. *Plotosus limbatus* Valenciennes, 1840+ 73. *P. lineatus* (Thunberg, 1787)

Order AULOPIFORMES

Family SYNODONTIDAE

74. *Saurida tumbil* (Bloch, 1795)* 75. *S. undosquamis* (Richardson, 1848)+ 76. *Trachynocephalus myops* (Forster, 1801)

Family HARPADONTIDAE

77. *Harpadon nehereus* (Hamilton-Buchanan, 1822)

Order LOPHIIFORMES

Family ANTENNARIIDAE

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

* 79. *A. nummifer* (Cuvier, 1817)

Order CYPRINODONTIFORMES

Family EXOCOETIDAE

@ 80. *Parexocoetus mento* (Valenciennes, 1846)

Family HEMIRAMPHIDAE

81. *Euleptorhamphus viridis* (van Hasselt, 1823)

82. *Hyporhamphus gaimardi* (Valenciennes, 1846)

@ 83. *H. limbatus* (Valenciennes, 1846)

Family BELONIDAE

84. *Strongylura strongylura* (van Hasselt, 1823)

85. *Tylosurus crocodilus crocodilus* (Peron & LeSeuer, 1821)

Order BERYCIFORMES

Family HOLOCENTRIDAE

* 86. *Myripristis melanosticta* Bleeker, 1863

+ 87. *Sargocentron rubrum* (Forsskal, 1775)

Order SYNGNATHIFORMES

Family FISTULARIIDAE

* 88. *Fistularia petimba* Lacepede, 1803

Family SYNGNATHIDAE

* 89. *Trachyrhamphus serratus* (Schlegel, 1847)

Order DACTYLOPTERIFORMES

Family DACTYLOPTERIDAE

* 90. *Dactyloptena macracanthus* (Bleeker, 1854)

Order SCORPAENIFORMES

Family SCORPAENIDAE

- + 91. *Apistes carinatus* (Bloch, 1801)
- * 92. *Choridactylus multibarbus* Richardson, 1848
- * 93. *Minous monodactylus* (Bloch, 1801)
- + 94. *Pterois miles* (Bennett, 1828)
- + 95. *P. volitans* (Linnaeus, 1758)
- 96. *Scorpaenopsis cirrhosa* (Thunberg, 1793)
- * 97. *S. gibbosa* (Bloch & Schneider, 1801)
- @ 98. *S. venosa* (Cuvier, 1829)
- 99. *Trachicephalus uranoscopus* (Bloch & Schneider, 1801)

Family TETAROGIDAE

- @ 100. *Tetraroge niger* (Cuvier, 1829)

Family PLATYCEPHALIDAE

- 101. *Grammoplites scaber* (Linnaeus, 1758)
- * 102. *Inegocia japonica* (Tilesius, 1812)
- 103. *Platycephalus indicus* (Linnaeus, 1758)
- * 104. *Rogadius serratus* (Cuvier, 1829)
- * 105. *Sorsogona melanoptera* Knapp & Wongratana, 1987
- * 106. *S. tuberculata* (Cuvier, 1829)
- * 107. *Thysanophrys celebica* (Bleeker, 1854)

Order PERCIFORMES

Family CENTROPOMIDAE

- 108. *Lates calcarifer* (Bloch, 1790)

Family AMBASSIDAE

- @ 109. *Ambassis commersoni* (Cuvier, 1828)

- 110. *A. gymnocephalus* (Lacepede, 1802)

Family SERRANIDAE

- 111. *Cephalopholis formosa* (Shaw & Noder, 1812)
- @ 112. *C. sonnerati* (Valenciennes, 1828)

113. *Epinephelus lanceolatus* (Bloch, 1790)
 114. *E. malabaricus* (Bloch & Schneider, 1801)
 115. *E. undulosus* (Quoy & Gaimard, 1824)

Family TERAPONIDAE

116. *Pelates quadrilineatus* (Bloch, 1790)
 117. *Terapon jarbua* (Forsskal, 1775)
 +@118. *T. puta* Cuvier, 1829

Family PRIACANTHIDAE

- * 119. *Priacanthus hamrur* (Forsskal, 1775)

Family APOGONIDAE

- * 120. *Apogon aureus* (Lacepede, 1802)
 +@121.A. *nigripinnis* Cuvier, 1828
 * 122. *A. novemfasciatus* Cuvier, 1828
 +@123.A. *quadrifasciatus* Cuvier, 1828
 * 124. *Apogonichthys poecilopterus* (Kuhl & van Hasselt, 1828)

Family SILLAGINIDAE

125. *Sillaginopsis panijus* (Hamilton-Buchanan, 1822)
 + 126. *Sillago sihama* (Forsskal, 1775)

Family LACTARIIDAE

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

Family RACHYCENTRIDAE

128. *Rachycentron canadus* (Linnaeus, 1766)

Family ECHENEIDIDAE

- + 129. *Echeneis naucratus* Linnaeus, 1758

Family CARANGIDAE

- + 130. *Alectis indicus* (Ruppell, 1830)
 * 131. *Alepes djedaba* (Forsskal, 1775)
 @ 132. *A. vari* (Cuvier, 1833)

133. *Atropus atropos* (Schneider, 1801)
 @ 134. *Atule mate* (Cuvier, 1833)
 + 135. *Carangoides armatus* (Ruppell, 1830)
 * 136. *C. chrysophrys* (Cuvier, 1833)
 137. *C. malabaricus* (Bloch & Schneider, 1801)
 138. *C. praeustus* (Bennett, 1830)
 + 139. *Caranx carangus* (Bloch, 1793)
 * 140. *C. ignobilis* (Forsskal, 1775)
 * 141. *C. melampygus* Cuvier, 1833
 + 142. *C. para* Cuvier, 1833
 @ 143. *C. sem* Cuvier, 1833
 * 144. *C. sexfasciatus* Quoy & Gaimard, 1825
 @ 145. *C. tille* Cuvier, 1833
 146. *Chloroscombrus chrysurus* (Linnaeus, 1776)
 + 147. *Decapterus russellii* (Ruppell, 1830)
 + 148. *Megalaspis cordyla* (Linnaeus, 1758)
 + 149. *Parastromateus niger* (Bloch, 1795)
 150. *Scomberoides commersonianus* Lacepede, 1801
 151. *S. lysan* (Forsskal, 1775)
 152. *S. tala* (Cuvier, 1832)
 @ 153. *S. tol* (Cuvier, 1832)
 * 154. *Selaroides leptolepis* (Cuvier, 1833)
 155. *Seriolina nigrofasciata* (Ruppell, 1829)
 @ 156. *Trachinotus mookalee* Cuvier, 1832

Family CORYPHAENIDAE

157. *Coryphaena hippurus* Linnaeus, 1758

Family MENIDAE

158. *Mene maculata* (Bloch, 1801)

Family LEIOGNATHIDAE

- + 159. *Gazza minuta* (Bloch, 1797)
 * 160. *Leiognathus berbis* (Valenciennes, 1835)
 * 161. *L. brevirostris* (Valenciennes, 1835)

- * 162. *L. dussumieri* (Valenciennes, 1835)
- * 163. *L. elongatus* (Gunther, 1874)
- 164. *L. equulus* (Forsskal, 1775)
- 165. *L. fasciatus* (Lacepede, 1803)
- 166. *L. lineolatus* (Valenciennes, 1835)
- + 167. *L. splendens* (Cuvier, 1829)
- + 168. *Secutor insidiator* (Bloch, 1787)
- + 169. *S. ruconius* (Hamilton-Buchanan, 1822)

Family LUTJANIDAE

- 170. *Lutjanus aregentimaculatus* (Forsskal, 1775)
- 171. *L. erythropterus* Bloch, 1790
- * 172. *L. fulviflamma* (Forsskal, 1775)
- + 173. *L. fulvus* (Schneider, 1801)
- 174. *L. johnii* (Bloch, 1792)
- * 175. *L. lutjanus* Bloch, 1790
- +@ 176. *L. rivulatus* (Cuvier, 1828)
- @ 177. *L. sebae* (Cuvier, 1828)

Family CAESIONIDAE

- @ 178. *Dipterygonotus balteatus* (Valenciennes, 1830)
- * 179. *Pterocaesio chrysozona* (Cuvier, 1830)

Family LOBOTIDAE

- 180. *Lobotes surinamensis* (Bloch, 1790)

Family GERREIDAE

- + 181. *Gerres filamentosus* Cuvier, 1829
- @ 182. *G. limbatus* Cuvier, 1830
- @ 183. *G. lucidus* Cuvier, 1830

Family HAEMULIDAE

- + 184. *Diagramma pictum* (Thunberg, 1792)
- @ 185. *Pomadasyys kaakan* (Cuvier, 1830)
- * 186. *P. maculatum* (Bloch, 1797)

Family SPARIDAE

187. *Acanthopagrus berda* (Forsskal, 1775)
 188. *Argyrops spinifer* (Forsskal, 1775)
 189. *Rhabdosargus sarba* (Forsskal, 1775)

Family LETHRINIDAE

- * 190. *Gymnocranius griseus* (Schlegel, 1844)
 191. *Lethrinus nebulosus* (Forsskal, 1775)

Family NEMIPTERIDAE

- * 192. *Nemipterus bipunctatus* (Ehrenberg, 1830)
 * 193. *N. furcosus* (Valenciennes, 1830)
 194. *N. japonicus* (Bloch, 1791)
 195. *N. peronii* (Valenciennes, 1830)
 * 196. *Scolopsis bimaculatus* Ruppell, 1828
 + 197. *S. vosmeri* (Bloch, 1792)

Family SCIAENIDAE

- @ 198. *Daysciaena albida* (Cuvier, 1830)
 +@ 199. *Johnieops sina* (Cuvier, 1830)
 @ 200. *Johnius belangeri* (Cuvier, 1830)
 201. *J. carutta* Bloch, 1793
 + 202. *J. dussumieri* (Valenciennes, 1833)
 + 203. *Nibea maculata* (Schneider, 1801)
 + 204. *Otolithes ruber* (Schneider, 1801)
 @ 205. *Paranibea semiluctuosa* (Cuvier, 1830)
 206. *Protonibea diacanthus* (Lacepede, 1802)

Family MULLIDAE

- * 207. *Upeneus bensasi* (Temminck & Schlegel, 1842)
 * 208. *U. lozonius* Jordan & Seale, 1907
 * 209. *U. moluccensis* (Bleeker, 1855)
 * 210. *U. sulphureus* Cuvier, 1829
 + 211. *U. vittatus* (Forsskal, 1775)

Family MONODACTYLIDAE

212. *Monodactylus argenteus* (Linnaeus, 1758)

Family KYPHOSIDAE

213. *Kyphosus cinerascens* (Forsskal, 1775)

Family EPHIPPIDIDAE

214. *Ephippus orbis* (Bloch, 1788)215. *Platax orbicularis* (Forsskal, 1775)216. *Platax teira* (Forsskal, 1775)

Family DREPANIDAE

+ 217. *Drepane longimanus* (Bloch & Schneider, 1801)218. *D. punctatus* (Linnaeus, 1758)

Family CHAETODONTIDAE

+@219. *Chaetodon decussatus* Cuvier, 1831220. *Heniochus acuminatus* Linnaeus, 1758.

Family POMACANTHIDAE

* 221. *Apolemichthys xanthurus* (Bennett, 1832)222. *Pomacanthus annularis* (Bloch, 1787)

Family CICHLIDAE

+ 223. *Etroplus suratensis* (Bloch, 1785)

Family POMACENTRIDAE

224. *Amphiprion ephippium* (Bloch, 1790)* 225. *Pristotis jerdoni* (Day, 1873)

Family CIRRHITIDAE

226. *Cirrhitichthys aprinus* (Cuvier, 1829)

Family MUGILIDAE

@ 227. *Liza carinata* (Valenciennes, 1836)228. *L. parsia* (hamilton-Buchanan, 1822)

@ 229. *L. subviridis* (Valenciennes, 1836)

230. *Mugil cephalus* Linnaeus, 1758

+ 231. *Valamugil cunnesius* (Valenciennes, 1836)

Family SPHYRAENIDAE

* 232. *Sphyraena forsteri* Cuvier, 1829

@ 233. *S. jello* Cuvier, 1829

@ 234. *S. obtusata* Cuvier, 1829

* 235. *S. putnamiae* Jordan & Seale, 1905

Family POLYNEMIDAE

236. *Eleutheronema tetradactylum* (Shaw, 1804)

@ 237. *Filimanus xanthonema* (Valenciennes, 1831)

238. *Polydactylus indicus* (Shaw, 1804)

239. *P. plebeius* (Broussonet, 1782)

240. *P. sextarius* (Schneider, 1801)

241. *Polynemus paradiseus* Linnaeus, 1758

Family LABRIDAE

242. *Halichoeres hortulanus centriquadrus* (Lacepede, 1801)

+@ 243. *Xyrichtys cyanifrons* Valenciennes, 1840

Family OPISTOGNATHIDAE

+ 244. *Opistognathus nigromarginatus* Ruppell, 1830

* 245. *O. rosenbergii* Bleeker, 1856

Family URANOSCOPIDAE

+@ 246. *Ichthyoscopus inermis* (Cuvier, 1829)

* 247. *Uranoscopus cognatus* Cantor, 1850

@ 248. *U. guttatus* Cuvier, 1829

Family MUGILOIDIDAE

* 249. *Parapercis pulchella* (Temminck & Schlegel, 1843)

Family CALLIONYMIDAE

* 250. *Callionymus filamentosus* Valenciennes, 1837

* 251. *C. japonicus* Houttuyn, 1782

@ 252. *Eleutherochir opercularis* (Valenciennes, 1837)

Family GOBIIDAE

253. *Acentrogobius viridipunctatus* Valenciennes, 1837

254. *Boleophthalmus boddarti* (Pallas, 1770)

@ 255. *Glossogobius biocellatus* (Valenciennes, 1837)

256. *G. giuris* (Hamilton-Buchanan, 1822)

257. *Oligolepis acutipennis* Valenciennes, 1837

* 258. *Oxyurichthys papuensis* (Valenciennes, 1837)

@ 259. *Parapocryptes rictuosus* (Valenciennes, 1837)

260. *Pseudoapocryptes lanceolatus* (Bloch & Schneider, 1801)

Family GOBIOIDIDAE

261. *Taenioides anguillaris* (Linnaeus, 1758)

262. *T. cirratus* (Blyth, 1860)

Family TRYPAUCHENIDAE

263. *Trypauchen vagina* (Bloch & Schneider, 1801)

Family KURTIDAE

264. *Kurtus indicus* Bloch, 1786

Family ACANTHURIDAE

265. *Acanthurus xanthopterus* Valenciennes, 1835

* 266. *Naso tuberosus* lacepede, 1802

Family SIGANIDAE

+ 267. *Siganus canaliculatus* (Park, 1797)

+ 268. *S. javus* (Linnaeus, 1766)

Family TRICHIURIDAE

+ 269. *Lepturacanthus savala* (Cuvier, 1829)

+ 270. *Trichiurus lepturus* Linnaeus, 1758

Family SCOMBRIDAE

- + 271. *Rastrelliger kanagurta* (Cuvier 1817)
- 272. *Scomberomorus commerson* (Lacepede, 1800)
- 273. *S. guttatus* (Bloch & Schneider, 1801)
- 274. *S. lineatus* (Cuvier, 1831)

Family STROMATEIDAE

- 275. *Pampus argenteus* (Euphrasen, 1788)
- 276. *P. chinensis* (Euphrasen, 1788)

Order PLEURONECTIFORMES

Family PSETTODIDAE

- * 277. *Psettodes erumei* (Schneider, 1801)

Family BOTHIDAE

- * 278. *Bothus myriaster* (Temminck & Schlegel, 1846)
- * 279. *B. pantherinus* (Ruppell, 1828)
- * 280. *Crossorhombus azureus* (Alcock, 1889)
- * 281. *C. valderostratus* (Alcock, 1890)
- * 282. *Engyprosopon grandisquama* (Temminck & Schlegel, 1846)
- * 283. *Pseudorhombus elevatus* Ogilby, 1912
- * 284. *P. javanicus* (Bleeker, 1853)
- 285. *P. triocellatus* (Bloch & Schneider, 1801)

Family PLEURONECTIDAE

- * 286. *Samaris cristatus* Gray, 1831

Family CYNOGLOSSIDAE

- * 287. *Cynoglossus arel* (Schneider, 1801)
- * 288. *C. itinus* (Snyder, 1909)
- 289. *C. lida* (Bleeker, 1851)
- 290. *C. lingua* (Hamilton-Buchanan, 1822)
- 291. *C. macrolepidotus* (Bleeker, 1850)
- * 292. *C. puncticeps* (Richardson, 1846)
- * 293. *C. semifasciatus* Day, 1877

Family SOLEIDAE

294. *Aesopia cornuta* (Kaup, 1858)
 295. *Heteromycteris oculus* (Alcock, 1889)
 296. *Synaptura commersoniana* (Lacepede, 1802)
 * 297. *Zebrias altipinnis* (Alcock, 1890)
 + 298. *Z. quagga* (Kaup, 1858)

Order TETRAODONTIFORMES

Family TRIACANTHIDAE

299. *Triacanthus brevirostris* Schlegel, 1850

Family BALISTIDAE

- * 300. *Abalistes stellatus* (Lacepede, 1798)
 + 301. *Sufflamen fraenatus* (Latrielle, 1804)

Family MONACANTHIDAE

- * 302. *Paramonacanthus choirocephalus* (Bleeker, 1852)

Family OSTRACIIDAE

- * 303. *Lactoria cornuta* (Linnaeus, 1758)
 * 304. *Tetrosomus gibbosus* (Linnaeus, 1758)

Family TETRAODONTIDAE

- + 305. *Arothron stellatus* (Bloch & Schneider, 1801)
 306. *Chelonodon fluviatilis* (Hamilton-Buchanan, 1822)
 * 307. *C. patoca* (Hamilton-Buchanan, 1822)
 + 308. *Lagocephalus inermis* (Schlegel, 1847)
 + 309. *L. lunaris* (Bloch & Schneider, 1801)
 * 310. *L. scleratus* (Forster, 1788)
 311. *Takifugu oblongus* (Bloch, 1786)
 * 312. *Torquigener florealis* (Cope, 1871)

Family DIODONTIDAE

- * 313. *Cylichthys orbicularis* (Bloch, 1785)
 * 314. *Diodon holocanthus* Linnaeus, 1758.

SYSTEMATIC ACCOUNT

Family NARCINIDAE

1. *Narcine brunnea* Annandale1909 *Narcine brunnea* Annandale, *Mem. Indian Mus.*, 2 : 45, pl. 3a, fig. 2, 2a (Hooghly river mouth)*Material* : 2, 102 & 168 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 3, 103-149mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.*Distribution* : Coasts of India, Sri Lanka; the Philippines.

Family NARKIDAE

2. *Narke dipterygia* (Bloch & Schneider)1801. *Raja dipterygia* Bloch & Schneider, *Syst. Ichth.* : 359 (Tranquebar)1955. *Narke dipterygia* : Munro, *Marine and freshwater fishes of Ceylon* : 17, pl. 2, fig. 49.*Material* : 2, 86 & 93 mm SL, Pondicherry, Coll. SK & SSM. 11.09.1994.*Distribution* : Coasts of India, Sri Lanka to Malaysia, the Philippines, China, Japan.

Family DASYATIDAE

3. *Dasyatis imbricata* (Schneider)1801. *Raja imbricata* Schneider, *Syst. Ichth. Bloch* : 366 (Coromandel coast).1984. *Dasyatis imbricata* : Talwar & Kacker, *Commercial Sea Fishes of India* : 94.*Material* : 1, 145 mm disc width, Pondicherry, coll. SK & SSM, 11.09.1994.*Distribution* : India, Sri Lanka, Indonesia, the Philippines,*Remarks* : This is the first record of occurrence from Pondicherry.4. *Dasyatis kuhlii* (Muller & Henle)1841. *Trygon kuhlii* Muller & Henle, *Syst. Besch. Plagiost.* : 164, pl. 51, Fig. 2 (Vanicoro, New Guinea; India)1984. *Dasyatis kuhlii* : Talwar & Kacker, *Commercial Sea Fishes of India* : 95.*Material* : 1, 310 mm disc width, Pondicherry, coll. SK & SSM, 11.09.1994.*Distribution* : Indo-west Pacific.*Remarks* : This is the first record of occurrence from Pondicherry.

5. *Dasyatis zugei* (Muller & Henle)

1841. *Trygon zugei* Muller & Henle, *Syst. Besch. Plagiost.* : 165, pl. 54 (Japan : China: Pondicherry, India)

1991. *Dasyatis zugei* : Talwar & Jhingran, *Inland Fishes of India.*, 1 : 40, fig. 17.

Material : 3, 101-105 mm disc width, Pondicherry, coll. SK & SSM, 11.09.1994 ; 2, 66 & 72 mm disc width, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Family MURAENIDAE

6. *Gymnothorax reticularis* Bloch

1795. *Gymnothorax reticularis* Bloch, *Naturges. ausland. Fische*, 9 : 85 (Tranquebar).

Material : 2, 284 & 298 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994

Distribution : Indo-west pacific.

Remarks : This is the first record of occurrence from Pondicherry.

7. *Thyrsoidea macrura* (Bleeker)

1854. *Muraena macrurus* Bleeker, *Nat. Tijdschr. Ned. Indie*, 7 : 324 (Java).

1984. *Thyrsoidea macrura* : Talwar & Kacker, *Commercial Sea Fishes of India* : 228.

Material : 1, 1330 mm SL, Kilinjalmadu, Karaikal, coll. MS, 23.02.1991.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family CONGRIDAE

8. *Ariosoma anago* (Schlegel)

1846. *Conger anago* Schlegel, in Temminck & Schlegel, *Fauna Japonica* : 259 (Japan).

1955. *Ariosoma anago* : Munro, *The Marine and Freshwater Fishes of Ceylon* : 64, pl. 12, fig. 180.

Material : 4, 200-252 mm SL, Pondicherry, Coll. SK & SSM, 11.09.1994.

Distribution : India; Sri Lanka to Malaysia; Indonesia; Japan.

Remarks : This is the first record of occurrence from Pondicherry.

9. *Uroconger lepturus* (Richardson)

1845. *Congrus lepturus* Richardson, *Zool. Voy. Sulphur* : 106, pl. 56, figs. 1-6 (Canton, China)

1984. *Uroconger lepturus* : Talwar & Kacker, *Commercial Sea Fishes of India* : 232.

Material : 1, 329 mm SL, Pondicherry, Coll. SK & SSM, 11.09.1994

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family OPHICHTHIDAE

10. *Ophichthus cephalozona* Bleeker

1865. *Ophichthus cephalozona* Bleeker, *Atlas Ichth*, 4: 49, pl. 12, fig. 2 (no locality).

Material : 1, 580 mm total length, Pondicherry, coll., SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family MURAENESOCIDAE

11. *Muraenesox bagio* (Hamilton-Buchanan)

1822. *Muraena bagio* Hamilton-Buchanan, *Fish. Ganges* : 364 (Ganges estuary).

1986. *Muraenesox bagio* : Castle, in Smith & Heemstra, *Smith's Sea Fishes* : 188, Fig. 45.1.

Material : 1, 625 mm SL, Pondicherry, Coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family CLUPEIDAE

12. *Amblygaster clupeioides* Bleeker

1849. *Amblygaster clupeioides* Bleeker, *J. Ind. Arch.*, 3 : 73 (*Macassar*).

Material : 2, 153 & 160 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991
Regn. No. ZSI / SRS-F-3591.

Distribution : Southern coasts of India; Indonesia eastward to Fiji.

Remarks : This is the first record of occurrence from Pondicherry.

13. *Dussumieria acuta* Valenciennes

1847. *Dussumieria acuta* Valenciennes, *Hist. nat. poiss.*, 20 : 467, pl. 606 (Bombay, Coromandel).

Material : 1, 124 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991

Distribution : From Gulf of Oman through India, Indonesia to the Philippines.

14. *Hilsa kelee* (Cuvier)

1829. *Clupea kelee* Cuvier, *Regne animal* (2nd ed.), 2 : 320 (Vizagapatnam).

1985. *Hilsa kelee* : Whitehead, *FAO Fish Synop.*, (125) 7 (1) : 220.

Material : 1, 134 mm SL, Pondicherry, coll. TES, 21.01.1965.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

15. *Nematalosa nasus* (Bloch)

1795. *Clupea nasus* Bloch, *Naturges. ausland. Fische*, 9 : 116, pl. 429, fig. 1. (Malabar).

1985. *Nematalosa nasus* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 248.

Material : 1, 113 mm SL, Kilinjalmadu, Karaikal, Coll. SK & SSM, 17.09.1994.

Distribution : Persian Gulf, India to Singapore, Gulf of Thailand, South China Sea, the Philippines to southern Japan.

16. *Sardinella albella* (Valenciennes)

1847. *Kowala albella* Valenciennes, *Hist. nat. poiss.*, 20 : 362 (Pondicherry).

1985. *Sardinella albella* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 91.

Material : 1, 90 mm SL, Veerampatnam, Pondicherry, Col. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

17. *Sardinella dayi* Regan

1917. *Sardinella dayi* Regan, *Ann. Mag. Nat. Hist.*, (8) 19 : 381 (Karwar, India)

Material : 1, 108 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Coasts of India, Sri Lanka.

Remarks : This is the first record of occurrence from Pondicherry.

18. *Sardinella fimbriata* (Valenciennes)

1847. *Spratella fimbriata* Valenciennes, *Hist. nat. poiss.*, 20 : 359 (Malabar).

1985. *Sardinella fimbriata* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 98.

Material : 2, 94 & 109 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991.

Distribution : From the east coast of India to the Philippines, Papua New Guinea.

19. *Sardinella gibbosa* (Bleeker)

1849. *Clupea gibbosa* Bleeker, *J. Ind. Arch.*, 3: 72 (Macassar).

1985. *Sardinella gibbosa* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 100.

Material : 5, 125 - 131 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

20 *Sardinella longiceps* Valenciennes

1847. *Sardinella longiceps* Valenciennes, *Hist. nat. poiss.*, 20 : 273 (Pondicherry)

Material : 1, 155 mm SL, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : From the Gulf of Aden to the south east coast of India, Andamans.

Family PRISTIGASTERIDAE

21. *Ilisha megaloptera* (Swainson)

1839. *Platygaster megalopterus* Swainson, *Nat. Hist. Anim.*, 2 : 294 (Vizagapatnam)

1985. *Ilisha megaloptera* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 270.

Material : 3, 75-84 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Coasts of India, Sri Lanka to Java.

Remarks : This is the first record of occurrence from Pondicherry.

22. *Ilisha melastoma* (Schneider)

1801. *Clupea melastoma* Schneider, *Syst. Ichth. Bloch* : 427 (Coromandel).

1985. *Ilisha melastoma* : Whitehead, *FAO Fish. Synop.*, (125) 7 (1) : 272.

Material : 2, 72 & 87 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991.

Distribution : South-west and east coast of India, Sri Lanka; Java Sea, South China Sea; East China Sea.

Family ENGRAULIDIDAE

23. *Encrasicholina heteroloba* (Ruppell)

1837. *Engraulis heteroloba* Ruppell, *Neue Wirbelth., Fische* : 79, pl. 21, fig. 4 (Massawa, Red Sea).

1988. *Encrasicholina heteroloba* : Whitehead *et al.*, *Fao Fish. Synop.*, (125) 7 (2) : 397.

Material : 1, 69 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

24. *Stolephorus andhraensis* Babu Rao

1966. *Stolephorus andhraensis* Babu Rao, *Ann. Mag. nat. Hist.*, 9 (13) : 103, pl. 3, 4 (Waltair, Kakinada).

Material : 2, 50 & 68 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991; 4, 58-82 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994 ; 2, 80 & 92 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : East coast of India, Andaman and Nicobar Islands; Singapore; Gul of Papua.

Remarks : This is the first report of occurrence from Pondicherry.

25. *Thryssa dussumieri* (Valenciennes)

1848. *Engraulis dussumieri* Valenciennes, *Hist. nat. poiss.*, 21: 69 (no locality).

1988. *Thryssa dussumieri* : Whitehead *et al.*, *FAO Fish. Synop.*, (125) 7 (2) : 429.

Material : 2, 85 & 86 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994 ; 3, 89-97 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Pakistan to Indonesia, north to Taiwan.

26. *Thryssa hamiltonii* (Gray)

1835. *Thryssa hamiltonii* Gray, *Illustr. Ind. zool.*, *Hardwicke*, 2 : pl. 92, fig. 3 (no locality).

1988. *Thryssa hamiltonii* : Whitehead *et al.*, *FAO Fish. Synop.*, (125) 7 (2) : 432.

Material : 1, 140 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991, Regn. No. ZSI/SRS-F-3592 ; 3, 104-117 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : From Persian Gulf to northern coast of Australia, northward to Taiwan.

Family CHIROCENTRIDAE

27. *Chirocentrus nudus* Swainson

1839. *Chirocentrus nudus* Swainson, *Nat. Hist. Anim.*, 2 : 294 (Vizagapatnam).

Material : 1, 230 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family PLOTOSIDAE

28. *Plotosus lineatus* (Thunberg)

1787. *Silurus lineatus* Thunberg, *Mus. nat. Acad. Upsal.* : 31 (no locality).

1986. *Plotosus lineatus* : Gomon, in Smith & Heemstra, *Smith's Sea Fishes* : 213, pl. 10, fig. 60.1.

Material : 3, 83-130 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 3, 120-142 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Family SYNODONTIDAE

29. *Saurida undosquamis* (Richardson)

1848. *Saurus undosquamis* Richardson, in Adams, *zool. Voy., Samarang, Fishes* : 138, pl. 51, Figs. 1-6 (North-west Australia).

1984. *Saurida undosquamis* : Talwar & Kacker, *Commercial Sea Fishes of India* : 285.

Material : 1, 215 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Indo-west pacific; Mediterranean.

Remarks : This is the first record of occurrence from Pondicherry.

30. *Trachynocephalus myops* (Forster)

1801. *Salmo myops* Forster, in Bloch & Schneider, *Syst Ichth.* : 421 (St. Helena).

1984. *Trachynocephalus myops* : Talwar & Kacker, *Commercial Sea Fishes of India* : 289.

Material : 1, 135 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991, Regn. No. ZSI / SRS-F-3593; 2, 107 & 163 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Worldwide in tropical and warm temperate waters with the exception of Eastern Pacific.

Family ANTENNARIIDAE

31. *Antennarius nummifer* (Cuvier)

1817. *Chironectes nummifer* Cuvier, *Mem. Mus. Hist. nat., Paris*, 3: 430, pl.17, fig. 4 (no locality).

1986. *Antennarius nummifer* : Pietsch, in Smith & Heemstra, *Smith's Sea Fishes* : 368.

Material : 2, 78 & 108 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west pacific; Red Sea.

Remarks : This is the first record of occurrence from Pondicherry.

Family HOLOCENTRIDAE

32. *Myripristis melanosticta* bleeker

1863. *Myripristis melanostictus* Bleeker, *Ned. Tijdschr. Dierk.*, 1 : 237 (Ternate).

1986. *Myripristis melanosticta* : Randall & Heemstra, in Smith & Heemstra, *Smith's Sea Fishes* : 424, pl. 19, fig. 132.25.

Material : 2, 118 & 127 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : East coast of Africa; Madagascar; Maldives; Sri Lanka, South-east coast of India.; Southern Japan to New Caledonia, the New Hebrides and Fiji,

Remarks : This is the first record of occurrence from Pondicherry.

33. *Sargocentron rubrum* (Forsskal)

1775. *Sciaena rubra* Forsskal, *Descript. Anim.* : 48 (Djedda, Red Sea).

1984. *Sargocentron rubrum* : Randall, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)* : HOLOC Sargo 3.

Material : 1, 157 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-Pacific.

Family FISTULARIIDAE

34. *Fistularia petimba* Lacepede

1803. *Fistularia petimba* Lacepede, *Hist. nat. poiss.*, 5 : 89 (New Britain; Reunion and equatorial Pacific).

Material : 3, 265-545 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Tropical Indo-Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family SYNGNATHIDAE

35. *Trachyrhamphus serratus* (Schlegel)

1847. *Syngnathus serratus* Schlegel, *Fauna Japonica, Pisces* : 272 (Japan).

1922. *Trachyrhamphus serratus* : Weber & de Beaufort, *Fish. Indo-Aust. Archip.*, 4 : 99, fig. 41.

Material : 1, 262 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994 ; 1, 230 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka; Thailand; Singapore; China; Japan.

Remarks : This is the first record of occurrence from Pondicherry.

Family DACTYLOPTERIDAE

36. *Dactyloptena macracanthus* (Bleeker)

1854. *Dactylopterus macracanthus* Bleeker, *Nat. Tijdschr. Ned. Indie*, 7 : 449 (Celebes).

1984. *Dactyloptena macracanthus* : Poss, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 2 : DACTYL Dact 1.

Material : 1, 138 mm SL, Pondicherry, coll., SK & SSM, 12.09.1994.

Distribution : India; Sri Lanka; Singapore; Ambon; Banda; Makassar; Menado; the Philippines.

Remarks : This is the first record of occurrence from Pondicherry.

Family SCORPAENIDAE

37. *Apistes carinatus* (Bloch)

1801. *Scorpaena carinata* Bloch, in Bloch & Schneider, *Syst. Ichth* : 193 (no locality).

1986. *Apistes carinatus* : Eschmeyer, in Smith & Heemstra, *Smith's Sea Fishes* : 464, Fig. 149.1.

Material : 2, 87 & 91 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994, 3, 74-100 mm SL, Pondicherry, coll, SK & SSM. 12.09.1994.

Distribution : Indo-west Pacific.

38. *Choridactylus multibarbus* Richardson

1848. *Choridactylus multibarbis* Richardson, *zool. Voy. Samarang, Fishes* : 8 (no locality).

1984. *Choridactylus multibarbus* : Poss & Rama Rao, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 4 : SCORP Chor 1.

Material : 3, 80-97 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Red Sea, Persian Gulf, through coasts of India to the Philippines, China.

Remarks : This is the first record of occurrence from Pondicherry.

39. *Minous monodactylus* (Bloch)

1801. *Scorpaena monodactyla* Bloch, in Bloch & Schneider, *Syst Ichth.* : 194 (no locality).

1984. *Minous monodactylus* : Poss & Rama Rao, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 4 : SCORP Mono. 1.

Material : 5, 71-92 mm SL. Pondicherry, coll. SK & SSM, 11.09.1994; 4, 80-96 mm SL. Pondicherry, coll. SK & SSM. 12.09.1994.

Distribution : Red Sea, Persian Gulf, through India to China.

Remarks : This is the first record of occurrence from Pondicherry.

40. *Pterois miles* (Bennett)

1828. *Scorpaena miles* Bennett, *Fish. Ceylon* : 9, pl. 9 (Ceylon).

1986. *Pterois miles* : Eschmeyer, in Smith & Heemstra, *Smith's Sea Fishes* : 467, pl. 25, fig. 149. 8.

Material : 1, 240 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Red Sea and Indian Ocean.

41. *Pterois volitans* (Linnaeus)

1758. *Gasterosteus volitans* Linnaeus, *Syst. nat.* (ed. 10) : 296 (no locality).

1955. *Pterois volitans* : Munro, *The Marine and Freshwater Fishes of Ceylon* : 245, pl. 47, fig. 711.

Material : 1, 180 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka, eastward to Western and Central Pacific.

42. *Scorpaenopsis gibbosa* (Bloch & Schneider)

1801. *Scorpaena gibbosa* Bloch & Schneider, *Syst. Ichth.* : 192 (no locality).

1986. *Scorpaenopsis gibbosa* : Eschmeyer, in Smith & Heemstra, *Smith's Sea Fishes* : 474, pl. 26, fig. 149.32.

Material : 1, 143 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family PLATYCEPHALIDAE

43. *Inegocia japonica* (Tilesius)

1812. *Platycephalus japonicus* Tilesius, *Krusenst. Reise* : pl. 59, fig. 1 (Nagasaki, Japan).

1984. *Inegocia japonica* : Knapp, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3 : PLATYC Ineg 1.

Material : 2, 142 & 151 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : East coast of India, Indonesia, Australia, the Philippines, Japan.

Remarks : This is the first record of occurrence from Pondicherry.

44. *Rogadius serratus* (Cuvier)

1829. *Platycephalus serratus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 4 : 259 (Trincomale, Sri Lanka).

1984. *Rogadius serratus* : Knapp, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3, *Platycephalidae* : 2 & 4 (name only).

Material : 1, 96 mm, Pondicherry, coll. SK & SSM, 11.09.1994 ; 1. 168 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Laccadive Sea; Sri Lanka, New Ireland.

Remarks : This is the first record of occurrence from Pondicherry.

45. *Sorsogona melanoptera* Knapp & Wongratana

1987. *Sorsogona melanoptera* Knapp & Wongratana, *Proc. Biol. Soc. Wash.*, 100 (2) : 381-5 (Cochin, India).

Material : 2, 91 & 95 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Gulf of Oman to the Andaman Sea off Thailand.

Remarks : This is the first record of occurrence from Pondicherry.

46. *Sorsogona tuberculata* (Cuvier)

1829. *Platycephalus tuberculata* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 4 : 258 (Sri Lanka).

1984. *Sorsogona tuberculata* : Knapp, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3 : PLATYC Sor 1.

Material : 11, 71-124 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 96 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India to Indonesia; the Philippines and Australia.

Remarks : This is the first record of occurrence from Pondicherry.

47. *Thysanophrys celebica* (Bleeker)

1854. *Platycephalus celebicus* bleeker, *Natuurk. Tijdschr. Net. Indie*, 7 : 450 (Menado).

1986. *Thysanophrys celebica* : Knapp in Smith & Heemstra, *Smith's Sea Fishes* : 485.

Material : 1, 96 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994 ; 1, 85 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : South Africa; Persian Gulf to the Philippines, Australia.

Remarks : This is the first record of occurrence from Pondicherry.

Family TERAPONIDAE

48. *Terapon puta* Cuvier

1829. *Therapon puta* Cuvier, *Hist. nat. poiss.*, 3 : 131 (Pondicherry, Mahe).

1984. *Terapon puta* : Talwar & Kacker, *Commercial Sea Fishes of India* : 408.

Material : 1, 115 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991,

Regn. No. ZSI/SRS. F-3594; 1, 115 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Family PRIACANTHIDAE

49. *Priacanthus hamrur* (Forsskal)

1775. *Sciaena hamrur* Forsskal, *Descript. Anim.*: 45 (Djedda, Red Sea).

1984. *Priacanthus hamrur* : Talwar & Kacker, *Commercial Sea Fishes of India* : 415.

Material : 1, 147 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family APOGONIDAE

50. *Apogon aureus* (Lacepede)

1802. *Centropomus aureus* Lacepede, *Hist. nat. poiss.*, 4 : 253, 273 (Mauritius).

1986. *Apogon aureus* : Gon, in Smith & Heemstra, *Smith's Sea Fishes* : 549, pl. 48, fig. 175.3.

Material : 2, 78 & 88 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west pacific.

Remarks : This is the first record of occurrence from Pondicherry.

51. *Apogon nigripinnis* Cuvier

1828. *Apogon nigripinnis* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 152 (Pondicherry).

Material : 2, 66 & 69 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

52. *Apogon novemfasciatus* Cuvier

1828. *Apogon novemfasciatus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 154.

Material : 5, 63-70 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

53. *Apogon quadrifasciatus* Cuvier

1828. *Apogon quadrifasciatus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 153 (Pondicherry).

Material : 1, 79 mm SL, Pondicherry, coll., SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

54. *Apogonichthys poecilopterus* (Kuhl & Van Hasselt)

1828. *Apogon poecilopterus* Kuhl & van Hasselt, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 114.

1929. *Apogon* (*Apogonichthys poecilopterus*) : Weber & de Beaufort, *Fish. Indo-Aust. Archip.*, 5 : 331.

Material : 1, 73 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : East coast of India to the Philippines; Japan.

Remarks : This is the first record of occurrence from Pondicherry.

Family SILLAGINIDAE

55. *Sillago sihama* (Forsskal)

1775. *Atherina sihama* Forsskal, *Descript. Anim.* : 70 (Lohaja, Red Sea).

1992. *Sillago sihama* : Mc Kay, *FAO Fish. Synop.*, (125) 14 : 59, fig. 130.

Material : 1, 111 mm SL., Veerampatnam, Pondicherry, coll., SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Family ECHENEIDIDAE

56. *Echeneis naucrates* Linnaeus

1758. *Echeneis naucrates* Linnaeus, *Syst. Nat.*, 1: 261 (*Pelago Indico*).

1986. *Echeneis naucrates* : Heemstra, in Smith & Heemstra, *Smith's Sea Fishes* : 662 pl. 82. fig. 213. 1.

Material : 1, 420 mm SL. Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : All tropical and temperate seas except eastern Pacific.

Family CARANGIDAE

57. *Alectis indicus* (Ruppell)

1830. *Scyris indicus* Ruppell, *Atlas Reise nordl. Afrika, Fische Rothen Meeres* : 128, pl. 33, fig. 1 (Djedda, Red Sea).

1984. *Alectis indicus* : Talwar & Kacker, *Commercial Sea Fishes of India* : 435.

Material : 1, 142 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

58. *Alepes djedaba* (Forsskal)

1775. *Scomber djedaba* Forsskal, *Descript. Anim.* : 56 (Djedda, Red Sea).

1984. *Alepes djedaba* : Talwar & Kacker, *Commercial Sea Fishes of India* : 438.

Material : 3, 65-100 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 3.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

59. *Carangoides armatus* (Ruppell)

1830. *Citula armata* Ruppell, *Atlas Reise nordl. Afrika, Fische Rothen Meeres* : 103 (Red Sea).

1984. *Carangoides armatus* : Talwar & Kacker, *Commercial Sea Fishes of India* : 447.

Material : 1, 63 mm SL. Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

60. *Carangoides chrysophrys* (Cuvier)

1833. *Caranx chrysophrys* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poissons.* 9 : 77, pl. 247 (Seychelles).

1984. *Carangoides chrysophrys* : Talwar & Kacker, *Commercial Sea Fishes of India* : 449.

Material : 1, 148 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

61. *Caranx carangus* (Bloch)

1793. *Scomber carangus* Bloch, *Naturges. ausland, Fische*, 7 : 69 (Antilles, Atlantic Ocean).

1991. *Caranx carangus* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 823..

Material : 1, 130 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka, through Indonesia to China, Japan, the Philippines; tropical Atlantic.

62. *Caranx ignobilis* (Forsskal)

1775. *Scomber ignobilis* Forsskal, *Descript. Anim.* : 55 (Djedda and Lohaja, Red Sea).

1991. *Caranx ignobilis* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 823

Material : 2, 92 & 97 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

63. *Caranx melampygus* Cuvier

1833. *Caranx melampygus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 9 : 116 (Waigiou, Bourou, Vanicola, Mauritius).

Material : 1, 102 mm SL, Kilinjalmedu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Indo-west pacific.

Ramarks : This is the first record of occurrence from Pondicherry.

64. *Caranx para* Cuvier

1833. *Caranx para* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 9 : 58 (Malabar).

Material : 1, 106 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM. 13.09.1994.

Distribution : Pakistan, India, eastward to Papua New Guinea, Australia, north to Japan,

65. *Caranx sexfasciatus* Quoy & Gaimard

1825. *Caranx sexfasciatus* Quoy & Gaimard, *Voy. Uranie Physic., zool. Poiss.* : 358, pl. 65, fig. 4 (Waigeo, Indonesia)

Material : 1, 76 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994 ; 1, 78 mm SL, Kilinjalmedu, Karaikal, coll., SK & SSM, 17.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

66. *Decapterus russellii* (Ruppell)

1830. *Caranx russellii* Ruppell, *Atlas Reise nordl. Afrika, Fische Rothen Meeres* : 99 (Red Sea).

1984. *Decapterus russellii* : Talwar & Kacker. *Commercial Sea Fishes of India* : 468.

Material : 1, 113 mm SL, Pondicherry, coll, SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

67. *Megalaspis cordyla* (Linnaeus)

1758. *Scomber cordyla* Linnaeus, *Syst. Nat.*, 1 (ed. 10) : 298 (no locality).

1991. *Megalaspis cordyla* : Talwar & Jhingran. *Inland Fishes of India*, 2 : 824.

Material : 1, 82 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : Tropical Indo-west Pacific.

68. *Parastromateus niger* (Bloch)

1795. *Stromateus niger* Bloch. *Naturges, ausland, Fische*, 9 : 93, pl. 422 (no locality).

1986. *Parastromateus niger* : Smith-Vaniz, in Smith & Heemstra, *Smith's Sea Fishes* : 654, Pl. 81, fig. 210. 36.

Material : 1, 76 mm SL, Veerampatnam, pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

69. *Selaroides leptolepis* (Cuvier)

1833. *Caranx leptolepis* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 9 : 63 (Java).

1984. *Selaroides leptolepis* : Talwar & Kacker, *Commercial Sea Fishes of India* : 482, fig. 186.

Material : 1, 128 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994; 1, 105 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : From Persian Gulf to Indonesia in Indian Ocean; West pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family LEIOGNATHIDAE

70. *Gazza minuta* (Bloch)

1797. *Scomber minutus* Bloch, *Ichthyologie* : 110, pl, 429, fig. 2 (Malabar).

1991. *Gazza minuta* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 827, fig. 255.

Material : 1, 102 mm SL, Pondicherry, coll, TES, 21.01.1965; 1, 80 mm SL, Kilinjalmedu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Indo-west Pacific.

71. *Leiognathus berbis* (Valenciennes)

1835. *Equula berbis* Valenciennes, *Hist. nat. poiss.*, 10 : 85 (Red Sea)

1984. *Leiognathus berbis* : Talwar & Kacker, *Commercial Sea Fishes of India* : 503.

Material : 5, 63-89 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994; 2, 58 & 62 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994; 1, 83 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Madagascar; India, Sri Lanka, through Indonesia to Japan and Queensland Australia.

Remarks : This is the first record of occurrence from Pondicherry.

72. *Leiognathus brevirostris* (Valenciennes)

1835. *Equula brevirostris* Valenciennes, *Hist. nat. poiss*, 10 : 83 (Malabar).

1984. *Leiognathus brevirostris* : Talwar & Kacker. *Commercial Sea Fishes of India* : 506.

Material : 1, 59 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994; 1, 71 mm SL, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : India, Sri Lanka, through Indonesia to China and the Philippines.

Remarks : This is the first record of occurrence from Pondicherry.

73. *Leiognathus dussumieri* (Valenciennes)

1835. *Equula dussumieri* Valenciennes, *Hist. nat. poiss.*, 10 : 77, pl. 283 (Coromandel).

1984. *Leiognathus dussumieri* : Talwar & Kacker, *Commercial Sea Fishes of India* : 509.

Material : 3, 82-95 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991. Regn. No. ZSI/SRS-F-3590; 3, 51-67 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994; 1, 61 mm SK, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Madagascar; Pakistan, India, Sri Lanka; Celebes; Singapore and the Philippines.

Remarks : This is the first record of occurrence from Pondicherry.

74. *Leiognathus elongatus* (Gunther)

1874. *Equula elongatus* Gunther, *Ann. Mag. nat. Hist.*, 14 (4) : 369 (north Celebes).

1984. *Leiognathus elongatus* : James, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 2 : LEIOG Leio 4.

Material : 1, 71 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific excluding northern Arabian Sea and Persian Gulf.

Remarks : This is the first record of occurrence from Pondicherry.

75. *Leiognathus splendens* (Cuvier)

1829. *Equula splendens* Cuvier, *Regne anim.* (2nd ed.), 2 : 212 (based on account and figure in Russell, 1803. pl. 61).

1991. *Leiognathus splendens* : Talwar & Jhingran, *Inland Fishes of India*, 2: 832.

Material : 1, 92 mm SL, Pondicherry, coll. TES, 21.01.1965; 1, 35 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991, Regn. No. ZSI/SRS-F-3589; 9, 56-64 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994; 1, 61 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994; 2, 85 & 87 mm SL, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Tropical Indo-west Pacific.

76. *Secutor insidiator* (Bloch)

1787. *Zeus insidiator* Bloch, *Naturges. ausland, Fische*, 8 : 41, pl. 192 figs. 2 & 3 (Suratte, India).

1991. *Secutor insidiator* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 833.

Material : 1, 73 mm SL, Pondicherry, coll. TES, 21.01.1965; 1, 79 mm SL, Periakuppam, Pondicherry, coll. MS, 08.03.1991 ; 3, 80-83 mm SL, Kanagachettykulam, Pondicherry, coll. KVL, 10.03.1991, Regn. No. ZSI/SRS-F. 3588 ; 3, 74-83 mm SL, Veerampatnam Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

77. *Secutor ruconius* (Hamilton-Buchanan)

1822. *Chanda ruconius* Hamilton-Buchanan, *Fishes of Ganges* : 106, 371, pl. 12, fig. 35 (estuaries of Ganges)

1991. *Secutor ruconius* : Talwar & Jhingran, *Inland fishes of India*, 2 : 833.

Material : 2, 44 & 52 mm SL, Periyakuppam, Pondicherry, coll., MS, 08.03.1991; 2, 51 & 52 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

Family LUTJANIDAE

78. *Lutjanus fulviflamma* (Forsskal)

1775. *Sciaena fulviflamma* Forsskal, *Descript. Anim.* xi, 45 (Arabia).

1985. *lutjanus fulviflamma* : Allen, *FAO Fish. Synop.*, (125) 6 : 80.

Material : 1, 147 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

79. *Lutjanus fulvus* (Schneider)

1801. *Holocentrus fulvus* Schneider, in Bloch & Schneider, *Syst. Ichth.* : 318 (Tahiti).

1985. *Lujanus fulvus* : Allen, *FAO Fish. Synop.*, (125) 6 : 82.

Material : 1, 90 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

80. *Lutjanus lutjanus* Bloch

1790. *Lutjanus lutjanus* Bloch, *Naturges. ausland, Fische*, 4 : 107 (Japan).

Material : 2, 112 & 131 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

81. *Lutjanus rivulatus* (Cuvier)

1828. *Diacope rivulata* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 414 (Coromandel, Pondicherry Java; Red Sea Malabar).

1985. *Lutjanus rivulatus* : Allen, *FAO Fish. Synop.*, (125) 6 : 112, pl. 20, fig. 74 & 74a.

Material : 1, 109 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west pacific.

Family CAESIONIDAE

82. *Dipterygonotus balteatus* (Valenciennes)

1830. *Smaris balteatus* Valenciennes, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 6 : 424 (Sri Lanka).

1988. *Dipterygonotus balteatus* : Carpenter, *FAO Fish. Synop.*, (125) 8 : 47.

Material : 1, 87 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-Pacific, from East Africa to the Solomon Islands excluding the Red Sea and Persian Gulf.

Remarks : This is the first record of occurrence from Pondicherry. This species is often mistaken as an emmelichthyid due to the similarity in body and dorsal fin shape (Carpenter, 1988).

83. *Pterocaesio chrysozona* (Cuvier)

1830. *Caesio chrysozona* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 6 : 440 (Indonesia).

1988. *Pterocaesio chrysozona* : Carpenter, *FAO Fish. Synop.*, (125) 8 : 52.

Material : 1, 101 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family GERREIDAE

84. *Gerres filamentosus* Cuvier

1829. *Gerres filamentosus* Cuvier, *Regne Anim.* (2nd ed.), 2 ; 188 (Vizagapatnam).

Material : 1, 102 mm SL, Pondicherry, coll, TES, 21.01.1965; 1, 105 mm SL, Kanagachettykulam, Pondicherry, coll., KVL, 10.03.1991, Regn. No. ZSI/SRS-F-3595.

Distribution : Indo-west Pacific.

Family HAEMULIDAE

85. *Diagramma pictum* (Thunberg)

1792. *Perca picta* Thunberg, *Vet. Akad. Nya Handl.*, 13 : 141, pl. 5 (Japan).

1984. *Diagramma pictum* : Talwar & Kacker, *Commercial Sea Fishes of India* : 591.

Material : 5, 76-131 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Tropical Indo-west Pacific.

86. *Pomadasys maculatum* (Bloch)

1797. *Anthias maculatus* Bloch, *Naturges. ausland. Fische*, 7 : 9, pl. 326, fig. 2 (East Indies)

1986. *Pomadasys maculatum* : Smith & McKay, in Smith & Heemstra, *Smith's Sea Fishes* : 570, fig. 179, 15.

Material : 1, 59 mm SL, Veerampatnam, Pondicherry, coll, SK & SSM, 13.09.1994; 1, 78 mm SL, Pondicherry, coll., SK & SSM, 14.03.1994

Distribution : Tropical Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family LETHRINIDAE

87. *Gymnocranius griseus* (Schlegel)

1844. *Dentex griseus* Schlegel, in Temminck & Schlegel, *Fauna Japonica* : 72 (Japan).

1989. *Gymnocranius griseus* : Carpenter & Allen, *FAO Fish. Synop.*, (125) 9 : 30, fig. 56, pl. 2, fig. 7 & 8.

Material : 2, 90 & 105 mm SL, Pondicherry, coll, SK & SSM, 11.09.1994 ; 1, 86 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India to Indonesia, the Philippines, north to Southern Japan.

Remarks : This is the first record of occurrence from Pondicherry.

Family NEMIPTERIDAE

88. *Nemipterus bipunctatus* (Ehrenberg)

1830. *Dentex bipunctatus* Ehrenberg, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 6 ; 247 (Djedda, Red Sea).

1990. *Nemipterus bipunctatus* : Russell, *FAO Fish. Synop.*, (125) 12 : 31, fig. 60, pl. 1 d.

Material : 3, 63-100 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 103 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indian Ocean.

Remarks : This is the first record of occurrence from Pondicherry.

89. *Nemipterus furcosus* (Valenciennes)

1830. *Dentex furcosus* Valenciennes, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 6 : 244 (Trincomallee, Sri Lanka).

1990. *Nemipterus furcosus* : Russell, *FAO Fish. Synop.*, (125) 12 : 34, fig. 64, pl. 1 f.

Material : 1, 81 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Sri Lanka, Gulf of Mannar ; Andaman Sea, Strait of Malacca, northern Australia to southern Japan.

Remarks : This is the first record of occurrence from Pondicherry.

90. *Scolopsis bimaculatus* (Ruppell)

1828. *Scolopsis bimaculatus* Ruppell, *Fische des Rothen Meeres* : 8, pl. 2, fig. 2 (Massowah, Red Sea)

Material : 1, 129 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 127 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : From the east coast of Africa to southern coast of India, Sri Lanka,

Remarks : This is the first record of occurrence from Pondicherry.

91. *Scolopsis vosmeri* (Bloch)

1792. *Anthias vosmeri* Bloch, *Naturges. ausland, Fische*, 6 : 120, pl. 321 (Japan Sea).

1990. *Scolopsis vosmeri* : Russell, *FAO Fish. Synop.*, (125) 12 : 122, fig. 221, pl. 8g.

Material : 1, 76 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Family SCIAENIDAE

92. *Johnieops sina* (Cuvier)

1830. *Corvina sina* Cuvier, *Hist. nat. poiss.*, 5 : 122 (Pondicherry, Malabar).

1991. *Johnieops sina* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 854.

Material : 4, 78-90 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Gulf of Oman to India, Sri Lanka, through Indonesia to the Philippines and northern Australia.

93. *Johnius dussumieri* (Valenciennes)

1833. *Umbrina dussumieri* Valenciennes, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 9 : 481 (Coromandel).

1984. *Johnius dussumieri* : Mohan, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 4: SCIAEN John 4.

Material : 2, 56 & 58 mm SL, Veerampnam Pondicherry, coll, SK & SSM, 13.09.1994.

Distribution : Indo-west Pacific.

94. *Nibea maculata* (Schneider)

1901. *Johnius maculatus* Schneider, *Syst. Ichth. Bloch* : 75 (Tranquebar).

1984. *Nibea maculata* : Talwar & Kacker, *Commercial Sea Fishes of India* : 658, fig. 263.

Material : 1, 118 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994; 1, 65 mm SL, Veerampnam Pondicherry, coll. SK & SSM, 13.09.1994; 1, 64 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : India, Sri Lanka, extending to Myanmar.

95. *Otolithes ruber* (Schneider)

1801. *Johnius ruber* Schneider, *Syst. Ichth. Bloch* : 75, pl. 17 (Tranquebar).

1984. *Otolithes ruber* : Talwar & Kacker, *Commercial Sea Fishes of India* : 664, fig. 267.

Material : 1, 71 mm SL, Veerampnam, Pondicherry, coll. SK & SSM, 13.09.1994; 1, 110 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994; 1, 153 mm SL, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Indo-west pacific.

Family MULLIDAE

96. *Upeneus bensasi* (Schlegel)

1842. *Mullus bensasi* Schlegel, in Temminck & Schlegel, *Fauna Japonica, Pisces* : 30, pl. 1 fig. 2 (Bay of Nagasaki, Japan).

1984. *Upeneus bensasi* : Kumaran, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3 : MULL Upen 4.

Material : 5, 91-119 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 100 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

97. *Upeneus luzonius* Jordan & Seale

1907. *Upeneus luzonius* Jordan & Seale, *Bull. U. S. Bur. Fish.*, 26: 25, fig. 9 (Cavite).

Material : 1, 80 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Southern coasts of India, Andamans, Singapore, Borneo, the Philippines.

Remarks : This is the first record of occurrence from Pondicherry.

98. *Upeneus moluccensis* (Bleeker)

1855. *Upeneoides moluccensis* Bleeker, *nat. Tijdschr. Ned. - Indie*, 8 : 409 (Amboina).

1984. *Upeneus moluccensis* : Kumaran, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3 : MULL Upen 1.

Material : 1, 126 mm SL. Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific excluding Persian Gulf; eastern Mediterranean.

Remarks : This is the first record of occurrence from Pondicherry.

99. *Upeneus sulphureus* Cuvier

1829. *Upeneus sulphureus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 2 : 450 (Sunda, Indonesia).

Material : 1, 140 mm SL, Pondicherry, coll. TES, 21.01.1965; 1, 88 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

100. *Upeneus vittatus* (Forsskal)

1775. *Mullus vittatus* Forsskal, *Descript. Anim.* : 31 (Djedda, Red Sea)

1984. *Upeneus vittatus* : Kumaran, in Fischer & Bianchi, *FAO Species Identification Sheets for fishery purposes. Fishing Area 51 (W. Indian Ocean)*, 3 : MULL Upen 3.

Material : 1, 102 mm SL, Periyakuppam, Pondicherry, coll. MS, 08.03.1991,

Distribution : Indo-Pacific.

Family DREPANEDAE

101. *Drepane longimanus* (Bloch & Schneider)

1801. *Chaetodon longimanus* Bloch & Schneider, *Syst. Ichth.* : 229 (Tranquebar).

1986. *Drepane longimanus* : Smith, in Smith & Heemstra, *Smith's Sea Fishes* : 610, fig. 195. 1.

Material : 1, 93 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994; 3, 42-53 mm SL,

Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : Tropical Indo-west Pacific.

Family CHAETODONTIDAE

102. *Chaetodon decussatus* Cuvier

1831. *Chaetodon decussatus* Cuvier, in Cuvier & Valenciennes, *Hist. nat. poiss.*, 7 : 31 (Pondicherry).

Material : 1, 110 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka, eastward to Indonesia.

Family POMACANTHIDAE

103. *Apolemichthys xanthurus* (Bennett)

1832. *Holacanthus xanthurus* Bennett, *Proc. Zool. Soc.* : 183

1955. *Apolemichthys xanthurus* : Munro, *The Marine and Freshwater Fishes of Ceylon* : 171, pl. 33, fig. 503.

Material : 1, 96 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka.

Remarks : This is the first record of occurrence from Pondicherry.

Family CICHLIDAE

104. *Etroplus suratensis* (Bloch)

1785. *Chaetodon suratensis* Bloch, *Syst. Ichth.* : 217 (?Surat).

1991. *Etroplus suratensis* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 885.

Material : 1, 110 mm SL, Pondicherry, coll. TES, 21.01.1965.

Distribution : India, Sri Lanka.

Family POMACENTRIDAE

105. *Pristotis jerdoni* (Day)

1873. *Pomacentrus jerdoni* Day, *Proc. Zool. Soc.* : 237 (Madras).

1991. *Pristotis jerdoni* : Allen, *Damselfishes of the World* : 165.

Material : 2, 71 & 77 mm SL, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family MUGILIDAE

106. *Valamugil cunnesius* (Valenciennes)

1836. *Mugil cunnesius* Valenciennes, *Hist. nat. poiss.*, 11 : 114 (Vizagapatnam and Bombay; Moluccas).

1991. *Valamugil cunnesius* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 901.

Material : 1, 133 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : India, eastward to western Pacific.

Family SPHYRAENIDAE

107. *Sphyraena forsteri* Cuvier

1829. *Sphyraena forsteri* Cuvier, *Hist. nat. poiss.*, 3 : 261 (Tahiti).

Material : 1, 232 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution: Indo-Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

108. *Sphyraena putnamiae* Jordan & Seale

1905. *Sphyraena putnamiae* Jordan & Seale, *Proc. Davenport Acad.Sci.* : 4, pl. 13 (Hong Kong).

Material : 1, 308 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Tropical Indo-pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family LABRIDAE

109. *Xyrichtys cyanifrons* Valenciennes

1840. *Xyrichtys cyanifrons* Valenciennes, *Hist. nat. poiss.*, 14 : 46 (Pondicherry).

Material : 2, 166 & 170 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India.

Family OPISTOGNATHIDAE

110. *Opistognathus nigromarginatus* Ruppell

1830. *Opistognathus nigromarginatus* Ruppell, *Atlas Reise nordl Afrika, Fische Rothen Meeres* : 114, pl. 28.

fig. 4 (Red Sea).

Material : 2, each 86 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

111. *Opistognathus rosenbergii* bleeker

1856. *Opistognathus rosenbergii* bleeker, *Nat. Tijdschr. Ned. Indie*. 12: 220 (Nias).

Material : 2, 83 & 120 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India to Malay archipelago.

Remarks : This is the first record of occurrence from Pondicherry.

Family URANOSCOPIDAE

112. *Ichthyoscopus inermis* (Cuvier)

1829. *Uranoscopus inermis* Cuvier, *Hist. nat. poiss.*, 3 : 310, pl. 65 (Pondicherry).

1876. *Ichthyoscopus inermis* : Day, *Fish. India* : 261, pl. 55, fig. 5.

Material : 1, 305 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 100 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Seas of India; Japan; Australia.

Remarks : It conforms to the description of Gunther (1860), but markedly differs from figures given by Day (1876) and Munro (1955) on pectoral fin. The dark bar is absent in the pectoral fin but large ovate spots are present. Colour of the smaller sample is markedly different due to juvenile configuration.

113. *Uranoscopus cognatus* Cantor

1850. *Uranoscopus cognatus* Cantor, *Journ. Asiatic. Soc. Bengal*, 18 (2) : 1003 (Sea of Pinang).

Material : 3, 141-160 mm SL, Pondicherry, coll. SK & SSM. 11.09.1994.

Distribution : East coast of India to Malay archipelago.

Remarks : This is the first record of occurrence from Pondicherry.

114. *Uranoscopus guttatus* Cuvier

1829. *Uranoscopus guttatus* Cuvier, *Hist. nat. poiss.*, 3 ; 305 (Pondicherry).

Material : 1, 151 mm. Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Coasts of India.

Family MUGILOIDIDAE

115. *Parapercis pulchella* (Temminck & Schlegel)

1843. *Percis pulchella* Temminck & Schlegel, *Fauna Japonica, Pisces* : 24, Pl. 10, fig. 2 (? Japan)

1955. *Parapercis pulchella* : Munro, *The Marine and Freshwater Fishes of Ceylon* : 199, pl. 40, fig. 590.

Material : 2, 78 & 93 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family CALLIONYMIDAE

116. *Callionymus filamentosus* Valenciennes

1837. *Callionymus filamentosus* Valenciennes, *Hist. nat. poiss.* 12 : 303, pl. 359 (Celebes).

Material : 3, 50-137 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 82 mm SL, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

117. *Callionymus japonicus* Houttuyn

1782. *Callionymus japonicus* Houttuyn, *Verh. Holl. Maatsch., Wet haarlem*, 20 : 311 (?Japan).

Material : 6, 97-143 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific, apparently absent from west of India.

Remarks : This is the first record of occurrence from Pondicherry.

Family GOBIIDAE

118. *Oxyurichthys papuensis* (Valenciennes)

1837. *Gobius papuensis* Valenciennes, *Hist. nat. poiss.*, 12 : 106 (New Guinea)

1986. *Oxyurichthys papuensis* : Hoese, in Smith & Heemstra, *Smith's Sea Fishes* : 797, pl. 124, fig. 240. 71.

Material : 1, 109 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994 ; 1, 96 mm Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Indo-west pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family ACANTHURIDAE

119. *Naso tuberosus* Lacepede

1802. *Naso tuberosus* Lacepede, *Hist. nat. poiss.*, 3 : 105, 111, pl. 7, fig. 3 (Mauritius)

Material : 1, 190 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family SIGANIDAE

120. *Siganus canaliculatus* (Park)

1797. *Chaetodon canaliculatus* Park, *Trans. Linn. Soc. London*, 3 : 33 (Sumatra).

1990. *Siganus canaliculatus* : Woodland, *Indo-Pacific Fishes*, (19) : 51, pl. 3B, fig. 12.

Material : 2, 129 & 135 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west pacific, from Persian Gulf to Taiwan and western Australia, Papua New Guinea.

121. *Siganus javus* (Linnaeus)

1766. *Teuthis javus* Linnaeus, *Systema Naturae*, 1 (12th ed.) : 507 (Java).

1990. *Siganus javus* : Woodland, *Indo-Pacific Fishes*, (19) : 67, pl. 4C & 10J, figs. 4, 14.

Material : 1, 130 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific; from Persian Gulf.

Family TRICHIURIDAE

122. *Lepturacanthus savala* (Cuvier)

1829. *Trichiurus savala* Cuvier, *Regne Anim.*, 2 (2nd ed.) : 219 (Mar des Indes = Bombay, Malabar).

1993. *Lepturacanthus savala* : Nakamura & Parin, *FAO Fish. Synop.*, (125) 15 : 100, fig. 188.

Material : 1, 375 mm SL, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution.: From India, Sri Lanka to the Philippines, China, New Guinea and northern Australia.

123. *Trichiurus lepturus* Linnaeus

1758. *Trichiurus lepturus* Linnaeus, *Systema Naturae* (10th ed.), 1 : 246 (South Carolina).

Material : 1, 300 mm SL, Kilinjalmadu, Karaikal, coll. SK & SSM, 17.09.1994.

Distribution : Circumtropical and temperate waters of the world.

Family SCOMBRIDAE

124. *Rastrelliger kanagurta* (Cuvier)

1817. *Scomber kanagurta* Cuvier, *Regne Anim.*, 2 : 313 (India)

1983. *Rastrelliger kanagurta* : Collette *FAO Fish. Synop.*, (125) 2 : 48.

Material : 1, 190 mm SL, Kanagachettykulam, Pondicherry, coll. KVI, 10.03.1991, Regn. No. ZSI/SRS-F-3585; 2, 123 & 190 mm, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994; 1, 180 mm SL, Nallavadu, Pondicherry, coll. SK & SSM, 14.09.1994.

Distribution : Indo-west Pacific.

Family PSETTODIDAE

125. *Psettodes erumei* (Schneider)

1801. *Pleuronectes erumei* Schneider, *Syst. Ichth. Bloch.* 150 : (no locality)

1984. *Psettodes erumei* : Talwar & Kacker, *Commercial Sea Fishes of India* : 842, fig. 346.

Material : 1, 165 mm, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family BOTHIDAE

126. *Bothus myriaster* (Temminck & Schlegel)

1846. *Rhombus myriaster* Temminck & Schlegel, *Fauna Japonica, Pisces* : 181, pl. 42, fig. 2 (Japan).

1984. *Bothus myriaster* : Talwar & Kacker, *Commercial Sea Fishes of India* : 845.

Material : 2, 114 & 115 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 2, 113 & 140 mm SL, Pondicherry, coll. SK & SSM 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

127. *Bothus pantherinus* (Ruppell)

1828. *Rhombus pantherinus* Ruppell, *Atlas Reise nordl. Afrika, Fische Rothen Meeres* : 121, pl. 3, fig. 2 (Mohila, Red Sea).

1984. *Bothus pantherinus* : Talwar & Kacker, *Commercial Sea Fishes of India* : 846.

Material : 1, 135 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Tropical Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

128. *Crossorhombus azureus* (Alcock)

1889. *Rhomboidichthys azureus* Alcock. *J. Asiatic Soc. Bengal*, 58 : 283.

1955. *Crossorhombus azureus* : Munro, *The Marine and Fresh water Fishes of Ceylon* : 261, pl. 50, fig. 758.

Material : 3, 105-122 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 106 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, Sri Lanka.

Remarks : This is the first record of occurrence from Pondicherry.

129. *Crossorhombus valderostratus* (Alcock)

1890. *Rhomboidichthys valde-rostratus* Alcock, *Ann. Mag. nat.Hist.*, (6) 6 : 435 (Ceylon)

1986. *Crossorhombus valderostratus* : Hensley, in Smith & Heemstra, *Smith's Sea Fishes* : 857, fig. 259.7.

Material : 1, 90 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : East coast of Africa; India, Sri Lanka; Hong Kong, Japan.

Remarks : This is the first record of occurrence from Pondicherry.

130. *Engyprosopon grandisquama* (Temminck & Schlegel)

1846. *Rhombus grandisquama* Temminck & Schlegel, *Fauna Japonica, Pisces* : 183, pl. 92, fig. 3 & 4 (Nagasaki, Japan).

1986. *Engyprosopon grandisquama* : Hensley, in Smith & Heemstra, *Smith's Sea Fishes* : 858, fig. 259. 8.

Material : 2, 79 & 85 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distributio : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

131. *Pseudorhombus elevatus* (Ogilby)

1912. *Pseudorhombus elevatus* Ogilby, *Mem. Queensland Mus.*, 1 : 54 (Queensland, Australia).

Material : 1, 104 mm SL, Veerampatnam Pondicherry, coll. SK & SSM 13.09.1994.

Distribution : From Red Sea, Persian Gulf through India, Indonesia to north-eastern Australia.

Remarks : This is the first record of occurrence from Pondicherry.

132. *Pseudorhombus javanicus* (Bleeker)

1853 *Rhombus javanicus* Bleeker, *Nat. Tijdschr. Ned. India*, 4 : 502 (Batavia, Java).

1984. *Pseudorhombus javanicus* : Talwar & Kacker, *Commercial Sea Fishes of India* : 854.

Material : 4, 135-192 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 144 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : East coast of India, through Indonesia to the Philippines.

Remarks : This is the first record of occurrence from Pondicherry.

Family PLEURONECTIDAE

133. *Samaris cristatus* Gray

1831. *Samaris cristatus* Gray, *zool. Miscell.* : 5 (China)

Material : 1, 106 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Family CYNOGLOSSIDAE

134. *Cynoglossus arel* (Schneider)

1801. *Pleuronectes arel* Schneider, *Syst. Ichth. Bloch* : 159 (Tranquebar).

1977. *Cynoglossus arel* : Menon, *Smithson. Contr. zool.*, (238) : 60.

Material : 1, 205 mm SL, Pondicherry, coll. TES, 21.01.1965.

Distribution : From Persian Gulf through India, Indonesia to the Philippines, Taiwan.

Remarks : This is the first record of occurrence from Pondicherry.

135. *Cynoglossus itinus* (Snyder)

1909. *Trulla itina* Snyder, *Proc. U. S. nat. Mus.*, 36 : 609 (Naha, Okinawa, Japan).

1984. *Cynoglossus itinus* : Rama Murty & Srinivasa Rao, *Rec. zool. Surv. India*, 81(3-4) : 181.

Material : 3, 126-144 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : East coast of India, Hong Kong, China, Japan.

Remarks : This is the first record of occurrence from Pondicherry.

136. *Cynoglossus puncticeps* (Richardson)

1846. *Plagusia puncticeps* Richardson, *Rept. Br. Assoc. Adv. Sci.* 280 (China).

1977. *Cynoglossus puncticeps* : Menon, *Smithson. Contr. zool.*, (238) : 75.

Material : 1, 155 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Seas of India through Indonesia to the Philippines, South China Sea, Taiwan, north-western Australia.

Remarks : This is the first record of occurrence from Pondicherry.

137. *Cynoglossus semifasciatus* Day,

1877. *Cynoglossus semifasciatus* Day, *Fishes of India* : 346, pl. 97, fig. 5 (Madras).

Material : 1, 127 mm SL, Veerampatnam, Pondicherry, coll. SK & SSM, 13.09.1994.

Distribution : East coast of India, Sri Lanka.

Remarks : This is the first record of occurrence from Pondicherry.

Family SOLEIDAE

138. *Heteromycteris oculus* (Alcock)

1889. *Solea oculus* Alcock, *J. Asiatic. Soc. Bengal*, 58 (2) : 285, pl. 18, fig. 3

1955. *Heteromycteris oculus* : Munro, *Marine and Freshwater Fishes of Ceylon* : 262, pl. 50, fig. 759.

Material : 1, 113 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Coasts of India, Sri Lanka, possibly in Malay archipelago.

Remarks : This is the first record of occurrence from Pondicherry.

139. *Zebrias altipinnis* (Alcock)

1890. *Synaptura altipinnis* Alcock, *Ann. Mag. nat. Hist.*, 6(6) 441.

1984. *Zebrias altipinnis* : Talwar & Kacker, *Commercial Sea Fishes of India* : 868.

Material : 1, 116 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : East coast of India to Indonesia.

Remarks : This is the first record of occurrence from Pondicherry.

140. *Zebrias quagga* (Kaup)

1958. *Aesopia quagga* Kaup, *Arch. Naturges.* : 98 (no locality).

1984. *Zebrias quagga* : Talwar & Kacker, *Commercial Sea Fishes of India*: 869

Material : 4, 92-147 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994

Distribution : Persian Gulf, through India, Indonesia to China.

Family BALISTIDAE

141. *Abalistes stellatus* (Lacepede)

1998. *Balistes stellatus* Lacepede, *Allgemeine Literaturzeitung*, 3 (288) : 682 (Mauritius).

1986. *Abalistes stellatus* : Smith & Heemstra, *Smith's Sea Fishes* : 877, pl. 136, fig. 263.1.

Material : 3, 86-197 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific; Red Sea; eastern tropical Atlantic.

Remarks : This is the first record of occurrence from Pondicherry.

142. *Sufflamen fraenatus* (Latrielle)

1804. *Balistes fraenatus* Latrielle, *Nouv. Diet. Hist. Nat., Poissons* (ed.I.) 24:74 (no locality)

1996. *Sufflamen fraenatus* : Smith & Heemstra, *Smith's Sea Fishes* : 881, pl. 139, fig. 263.17.

Material : 1, 113 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo - Pacific.

Family MONACANTHIDAE

143. *Paramonacanthus choirocephalus* (Bleeker)

1852. *Monacanthus choirocephalus* Bleeker, *Verh. batav. Genoot. Kunst. Wet.*, 24. Bijdr kennis Balistini : 19 (? India)

1955. *Paramonacanthus choirocephalus* : Munro, *The Marine and Fresh water Fishes of Ceylon* : 274, pl. 53, fig. 799.

Material : 5, 70-98 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : East coast of India, Singapore, Indonesia.

Remarks : This is the first record of occurrence from Pondicherry.

Family OSTRACIIDAE

144. *Lactoria cornuta* (Linnaeus)

1758. *Ostracion cornutus* Linnaeus, *Syst. Nat.* (ed. 10) : 331 (India).

1986. *Lactoria cornuta* : Smith, in Smith & Heemstra, *Smith's Sea Fishes* : 891, pl. 141, fig. 266.3.

Material : 3, 39-46 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

145. *Tetrosomus gibbosus* (Linnaeus)

1758. *Ostracion gibbosus* Linnaeus, *Syst. Nat.* (ed. 10) : 332 (India).

1986. *Tetrosomus gibbosus* : Smith, in Smith & Heemstra, *Smith's Sea Fishes* : 893, fig. 266.10.

Material : 1, 96 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

Family TETRAODONTIDAE

146. *Arothron stellatus* (Bloch & Schneider)

1801. *Tetrodon lagocephalus* var. *stellatus* Bloch & Schneider, *Syst. Ichth.* : 503 (Hawaii).

1991. *Arothron stellatus* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 1054.

Material : 1, 135 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 1, 101 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

147. *Chelonodon patoca* (Hamilton-Buchanan)

1822. *Tetrodon patoca* Hamilton-Buchanan, *Fishes of Ganges* : 7, 362, pl. 18, fig. 2 (estuaries of Ganges).

1991. *Chelonodon patoca* : Talwar & Jhingran, *Inland Fishes of India*, 2 : 1057.

Material : 1, 135 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-west Pacific, apparently does not occur west of India.

Remarks : This is the first record of occurrence from Pondicherry.

148. *Lagocephalus inermis* (Schlegel)

1847. *Tetrodon inermis* Schlegel, in Temminck & Schlegel, *Fauna Japonica, Pisces* : 278, pl. 122, fig. 2 (Japan).

1986. *Lagocephalus inermis* : Smith & Heemstra, *Smith's Sea Fishes* : 901, pl. 143, fig. 268.20.

Material : 1, 215 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994.

Distribution : Indo-Pacific.

149. *Lagocephalus lunaris* (Bloch & Schneider)

1801. *Tetrodon lunaris* Bloch & Schneider, *Syst. Ichth.* : 505 (Malabar)

1991. *Lagocephalus lunaris* : Talwar & Jhingran, *Inland Fishes of India*, 2: 1058.

Material : 1, 161 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-West Pacific.

150. *Lagocephalus scleratus* (Forster)

1788. *Tetrodon scleratus* Forster, in Gmelin, *Linne, Syst. Nat.* : 1444 (American and Pacific Ocean).

1986. *Lagocephalus scleratus* : Smith & Heemstra, *Smith's sea Fishes* : 901, pl. 144, fig. 268.23.

Material : 1, 111 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 3, 87-109 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

151. *Torquigener florealis* (Cope)

1871. *Tetrodon florealis* Cope. *Trans. Am. Philos. Soc.*, 14 : 479.

1962. *Sphoeroides florealis* : de Beaufort, *Fish. Indo Aust. Archip.*, 11 : 387.

Material : 4, 77-92 mm SL, Pondicherry, coll. SK & SSM, 11.09.1994; 2, 67 & 82 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : India, through Indonesia, the Philippines to Hawaii.

Remarks : The samples conform to the descriptions by de Beaufort (1962) to that of *Sphoeroides florealis*. However, classification in vogue (Smith & Heemstra, 1986) leads us to assign the species to the genus *Torquigener* Whitley, 1930, tentatively. This is the first record of occurrence from Pondicherry.

Family DIODONTIDAE

152. *Cylichthys orbicularis* (Bloch)

1785. *Diodon orbicularis* Bloch, *Naturges, ausland, Fische* : 73, pl. 127 (Moluccas).

1986. *Cylichthys orbicularis* : Leis, in Smith & Heemstra, *Smith's Sea Fishes* : 904.

Material : 1, 71 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Indo-west Pacific.

Remarks : This is the first record of occurrence from Pondicherry.

153. *Diodon holocanthus* Linnaeus

1758. *Diodon holocanthus* Linnaeus, *Syst. Nat.* (ex. 10) : 335 (India).

Material : 1, 138 mm SL, Pondicherry, coll. SK & SSM, 12.09.1994.

Distribution : Circum-tropical.

Remarks : This is the first record of occurrence from Pondicherry.

SUMMARY

This paper provides a checklist of fishes assigned to 314 species brought under 193 genera and 94 families notifying their occurrence in Pondicherry and Karaikal. In addition, it contains systematic information on 153 species of fishes belonging to 107 genera and 62 families, on the basis of 359 samples examined by us. Occurrence of 93 species of fishes hitherto unrecorded has been reported.

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