

FIEH, MOLLUSC AND CRUSTACEAN CYTOGENETICS IN INDIA :  
A BIBLIOGRAPHY

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INTRODUCTION

It has been increasingly recognised that the existing literature in any subject always provide a feed back and form a base for future research needs.

This bibliography includes all contributions which have been published on cytogenetics and cytotaxonomy of Fishes, Crustacea and Mollusca between 1953 to 1991. It also brings together material published or discussed at seminar symposia. The literature has been alphabetically arranged. We have attempted to make the bibliography entirely complete and correct, but some lapses in a work of such nature is obvious. The lapses pointed out will be thankfully acknowledged, and correction of any errors will be appreciated. This bibliography will serve as a reference tool for scientists, university graduates, researchers and for all those who are concerned with the study of cytogenetics and systematic zoology of these groups.

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All the species are listed alphabetically under the genera to which they have been assigned in the most recent literature : the genera are also alphabetically arranged.

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100. *Labeo pangusia* 150.
101. *Labeo rohita* 56, 62, 65, 75, 82, 144, 181.
102. *Labeo* sp. 61.
103. *Osteobrama cotio* 53, 62, 65, 70, 72, 110.
104. *Puntius conchonus* 48, 62, 65, 92, 152.
105. *Puntius javanicus* 33, 62, 65.
106. *Puntius melanampyx* 4, 48, 62, 65.
107. *Puntius sarana* 14, 62, 119.
108. *Puntius sophore* 46, 48, 62, 65, 75, 92, 105, 133, 134, 143, 183, 194.
109. *Puntius ticto* 62, 65, 75.
110. *Puntius* sp. 78.
111. *Rasbora daniconius* 39, 40, 62, 65, 183.
112. *Salmostoma bacaila* 53, 62, 65, 70, 72, 92, 135, 194, 200.

113. *Schizopyge niger* 59, 62, 65, 90.
114. *Schizopyge progastus* 62, 142.
115. *Securicula gora* 62, 163.
116. *Tor khudree* 44, 62, 65.
117. *Tor mosal mahanadicus* 48, 62.
118. *Tor putitora* 40, 41, 62, 65.
119. *Tor tor* 42, 44, 62, 65.
120. *Tor* sp. 44.

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121. *Aplocheilus blochii* 62.
122. *Aplocheilus lineatus* 62.
123. *Aplocheilus panchax* 37, 38, 62, 65, 66.
124. *Aplocheilus* sp. 183.
125. *Oryzias melastigma* 62, 168.

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126. *Remora remora* 62, 65, 112.

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127. *Thrissina baelama* 62, 111, 112.

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128. *Gerreomorpha setifer* 24.
129. *Gerres filamentosus* 109.
130. *Gerres oblongus* 112.

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131. *Acentrogobius reichei* 24.
132. *Acentrogobius viridipunctatus* 24.
133. *Apocryptichthys cantoris* 24, 65, 66.
134. *Awaous grammepomus* 46, 62.
135. *Boleophthalmus boddarti* 62, 65, 66, 172.
136. *Boleophthalmus dentatus* 45, 62.
137. *Boleophthalmus dussumieri* 62, 65.
138. *Boleophthalmus glaucus* 62, 65, 75, 80, 105.
139. *Glossogobius giuris* 24, 32, 62, 65, 75, 80, 105, 137, 184.
140. *Gobiodon citrinus* 66.
141. *Oxyurichthys microlepis* 24.
142. *Pseudapocryptes lanceolatus* 24.
143. *Scartelaos viridis* 24.

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144. *Odontamblyopus rubicundus* 46, 62, 65, 75, 80, 105.  
145. *Trypauchen vagina* 35, 37, 62, 65.

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146. *Hemiramphus lutkei* 25, 65, 112.  
147. *Rhynchorhamphus georgii* 62, 65, 112.

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148. *Heteropneustes fossilis* 16, 62, 65, 75, 83, 94, 105, 107, 114, 116, 150, 189, 190, 195.  
149. *Heteropneustes* sp. 66.

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150. *Gazza minuta* 62, 65.  
151. *Leiognathus bindus* 62, 65, 112.

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152. *Lobotes surinamensis* 62, 184, 185.

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153. *Lutjanus argentimaculatus* 62, 65.  
154. *Lutjanus kashmira* 20, 62, 65.  
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156. *Macrogathus aculeatus* 46, 62, 65, 75, 81, 105, 174, 175, 176, 177, 178, 179, 180, 194.  
157. *Mastacembelus armatus* 62, 65, 73.  
158. *Mastacembelus pancalus* 46, 62, 65, 75, 81, 105.

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159. *Megalops cyprinoides* 62, 130.

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161. *Moringua linearis* 202.

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165. *Mugil cephalus* 174.  
166. *Rhinomugil corsula* 55, 62, 65, 94.  
167. *Valamugil speigleri* 62, 65, 137.

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168. *Upeneus tragula* 62, 65, 112.

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169. *Muraenesox cinereus* 24.

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170. *Siderea picta* 62, 65, 111, 112.

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171. *Badis badis* 62, 185.  
172. *Badis buchani* 54, 62, 65, 70, 72.  
173. *Nandus nandus* 32, 62, 65, 75, 81, 105.

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175. *Notopterus notopterus* 62, 65, 108, 139, 145, 162, 200.  
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177. *Pisodonophis boro* 46, 62, 174.

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178. *Pangassius pangassius* 46, 62, 65, 75,

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179. *Wattsia mossambicus* 67, 98, 99, 188.

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180. *Callionymus sagitta* 24, 65, 66.  
181. *Platycephalus indicus* 20, 62, 65, 174.

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182. *Plotosus canius* 62, 65, 89, 138.



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183. *Gambusia affinis* 62, 65.
184. *Gambusia affinis holbrooki* 27, 65, 158.
185. *Mollienesia latipinna* 53, 57, 62, 65.
186. *Mollienesia sphenops* 62, 65, 66, 123.

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187. *Eleutheronema tetradactylum* 46, 62.

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188. *Dascyllus trimaculatus* 66.
189. *Pomacentrus bicellatus* 62, 65, 112.

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191. *Pomadasys opercularis* 62, 65, 127.

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193. *Psilorhynchus sucatio* 47, 62.

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195. *Scatophagus argus* 20, 24, 62, 65, 66, 174.

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196. *Clupisoma garua* 62, 65, 84, 94.
197. *Eutropiichthys vacha* 53, 62, 65, 73.
198. *Pseudeutropius atherinoides* 62, 65, 138.

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203. *Otolithes cuvieri* 7, 62.
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205. *Protonibea diacanthus* 7, 62.

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206. *Rastrelliger kanagurta* 25.

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207. *Gymnapistus niger* 24, 174.

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208. *Epinephelus coeruleopunctatus* 62, 65, 127, 129.

209. *Epinephelus diacanthus* 124.

210. *Epinephelus tauvina* 24, 62, 65, 66.

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211. *Siganus javus* 20, 62, 65.

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213. *Ompok bimaculatus* 62, 65, 66, 94, 115, 150.

214. *Ompok pabda* 47, 62.

215. *Wallago attu* 62, 65, 94, 140, 154, 160, 200.

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218. *Nangra viridescens* 62, 65, 156.

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219. *Heteromycteris oculus* 101.

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221. *Monopterus albus* 65, 128, 131.

222. *Monopterus cuchia* 54, 62, 65, 128.

223. *Ophisternon bengalensis* 174.

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224. *Saurida gracilis* 25

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227. *Terapon puta* 19.
228. *Terapon theraps* 19, 109.
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231. *Arothron immaculatus* 21, 24, 62, 65.
232. *Arothron leopardus* 21, 24, 62, 65.
233. *Arothron reticularis* 21, 24, 62, 65.
234. *Lagocephalus inermis* 31, 62.
235. *Lagocephalus lunaris* 21, 24, 62, 65.
236. *Tetraodon cutcutia* 46, 62.

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3. *Anadenus altivagus* 21.

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4. *Cryptozona belangeri* 16.
5. *Cryptozona bistrialis* 13, 14, 15.
6. *Cryptozona ligulata* 13, 14.
7. *Cryptozona semirugata* 13, 14, 16.
8. *Euplecta subdecussata* 18.
9. *Euplecta travancorica* 16.
10. *Macrochlamys vilipensa* 16.
11. *Mariella dussumieri* 16.

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12. *Cryptophthalmus olivaceous* 17.
13. *Haminea crocata* 17.

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14. *Thordisa crosslandi* 17.

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15. *Cassidula mustelina* 12, 16.
16. *Melampus ceilonicus* 12, 16.
17. *Pythia plicata* 12, 16.

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18. *Rhachis punctata* 16.

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19. *Hydatina velum* 17.

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20. *Lymnaea luteola* 2, 16.

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21. *Clithon oualaniensis* 23.
22. *Nerita chamaeleon* 23.
23. *Nerita insculpta* 23.
24. *Nerita plicata* 23.
25. *Nerita polita* 23.
26. *Neritina* (*Dostia*) *crepidularia* 23.
27. *Neritina layadri* 23.
28. *Neritina retifera* 23.
29. *Septaria compressa* 23.
30. *Septaria tessellata* 23.

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31. *Notarchus leachii* 17.

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32. *Onchidium verraculatum* 15.

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33. *Pila virens* 24, 25, 26.

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34. *Indoplanorbis exustus* 16.

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36. *Paludomus tanschauricus* 3, 6, 10, 11, 27.  
37. *Thiara crenulate* 3, 6, 11.  
38. *Thiara lineatus* 3, 5, 6, 8, 11.  
39. *Thiara* (*Thiara*) *scabra* 6, 11.  
40. *Thiara* (*Melanoides*) *tuberculata* 3, 5, 6, 8, 11.

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43. *Bellamyia dissimilis* 19, 20.

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4. *Gelasimus annulipes* 11.  
5. *Ocypoda platytarsis* 11.

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6. *Cubaris robusta* 10.  
7. *Philoscia loolnensis* 8.  
8. *Porcellio laevis* 8.  
9. *Porcellio rathkei* 8.

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10. *Clibanarius olivaceus* 9.

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11. *Macrobrachium lamarrei* 7, 11.  
 12. *Macrobrachium malcomsonii* 1, 7.  
 13. *Macrobrachium rosenbergii* 1, 7.  
 14. *Macrobrachium rude* 1.  
 15. *Macrobrachium scabriculum* 1.  
 16. *Macrobrachium siwalikensis* 3, 5, 7.

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17. *Penaeus indicus* 6.

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18. *Charybdis* (Goniosoma) *annulata* 11.  
 19. *Charybdis natator* 11.  
 20. *Scylla serrata* 11.

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21. *Paratelphusa* (Barytelphusa) *guerinis* 8.  
 22. *Paratelphusa* (Barytelphusa) *jacquemontii* 11.  
 23. *Paratelphusa* (Barytelphusa) *masoniana* 4, 5, 7, 8.  
 24. *Potamon koolooense* 5, 7, 8.

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25. *Acanthotelphusa* (Potamon) *martensi* 11.

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26. *Trichoniscus* sp. 8.

## ERRATA

## FISH CYTOGENETICS

## Ref. No.

17. Chromosomal study not reported.  
 28. Deals only with an amphibian species.  
 174. Natarajan, R. and Subrahmanyam, K. 1974.