REFERENCES


Devadoss, P., 1969. Maturity and spawning in Otolithus ruber (Schn.) and Johnius dussumieri (C & V) Indian J. Fish. 16: 117-128.


FAO/UN., 1974. FAO species identification sheets for fishery purposes, 3. (Family Sciaenidae)


Kesteven, G.L., 1947. On the ponderal index, or condition factor, as employed in fisheries biology, Ecology, 17: 78-80


Luther, G., 1963. Some observations on the biology of Liza macrolepis (Smith) and Mugil cephalus Linnaeus (Mugilidae) with notes on the fishery of grey mullets near Mandapam. Indian J. Fish., 10: 642-65


Prabhu, M.S., 1954. The perch fishery by special traps in the area around Mandapam in the Gulf of Mannar and Palk Bay. *Indian J. Fish.* 1: 94-129.


Rangarajan, K., 1970. Food and feeding habits of the snapper, *Lutianus kasmira* (Forskal) from the Andaman sea. *Indian J. Fish.* 17: 43-52


Sarojini, K.K., 1954. The food and feeding habits of the grey mullets, *Muqil parsia* (Ham) and *M. speigleri* (Bleek). *Indian J. Fish.* 1:67


Seshappa, G., 1970. Some morphometric studies on five species of Cynoglossus (Family Cynoglossidae, Order. Heterosomata) from the West coast, Indian J. Fish. 17: 149-158.


Tandon, K.K., 1961. Biology and fishery of Chao parai, Seleneoides leptolepis (Cuv. & Val) Indian J. Fish.


Varghese, T.J., 1961. Some observations on the biology of Coilia borneesis (Blkr) Indian J. Fish. 8: 312-325


Fig. 45 Map showing the sciaenid landing centres along the Uttara Kannada coast. Sciaenid landings during 1972 to 1981 are also shown.
Fig. 46 The seasonal distribution of sciaenids along the Uttara Kannada coast (1979-80)
FIG 47  Scioend landings in relation to total fish landings of the Uttaro Kannada district.

Value of total fish and sciaenids in each month during 1980-81

<table>
<thead>
<tr>
<th>Month</th>
<th>Value of total fish (in Rs.)</th>
<th>Value of sciaenids (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>36,74,545</td>
<td>2,86,100</td>
</tr>
<tr>
<td>May</td>
<td>39,64,530</td>
<td>3,11,750</td>
</tr>
<tr>
<td>June</td>
<td>47,84,900</td>
<td>31,980</td>
</tr>
<tr>
<td>July</td>
<td>20,32,350</td>
<td>90,250</td>
</tr>
<tr>
<td>August</td>
<td>22,14,520</td>
<td>2,26,780</td>
</tr>
<tr>
<td>September</td>
<td>50,20,255</td>
<td>2,32,250</td>
</tr>
<tr>
<td>October</td>
<td>53,92,735</td>
<td>1,39,190</td>
</tr>
<tr>
<td>November</td>
<td>53,01,335</td>
<td>1,4,200</td>
</tr>
<tr>
<td>December</td>
<td>60,03,420</td>
<td>1,43,350</td>
</tr>
<tr>
<td>January</td>
<td>66,30,780</td>
<td>1,43,200</td>
</tr>
<tr>
<td>February</td>
<td>66,19,165</td>
<td>1,45,300</td>
</tr>
<tr>
<td>March</td>
<td>63,52,980</td>
<td>1,57,800</td>
</tr>
</tbody>
</table>