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CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

COCHIN, INDIA

(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)
1070  Landing of *Rachycentron canadum* (Linnaeus, 1766) by the purse seines at New Ferry Wharf, Mumbai

On 10/10/2003 *Rachycentron canadum* was caught along with *Scomberomorus commerson* and *Euthynemus affinis* at New Ferry Wharf by purse seines.

Estimated catch was 2t. The fishing area was about 50-70 km. south west of Mumbai at a depth of 35-45 metres. Total catch of the purse seines was estimated at 3.5t. *R.canadum* constituted 60%, followed by *E.affinis* 25% and *S.commerson* 12%. The catch consisted of 72 fishes weighing from 8-20 kg. each. It was sold at the rate of Rs. 34/- per kg realizing Rs.68,900/- at the landing centre.

The length ranged from 100-169 cm with a mode at 130 cm -139 cm. It grows to 200 cm., but commonly recorded size is 110 cm.

Reported by : D.G. Jadhav, B.B. Chavan, Mumbai Research Centre of CMFRI, Mumbai - 400 001.

1071  Record of oceanic squid *Symplectoteuthis ovalaniensis* (Lesson, 1830) off Maharashtra Coast

On 18.11.2003 about 350 kg. of *Symplectoteuthis ovalaniensis* was landed at Sassoon Dock by *Gagra jal* (Gill net) along with hooks and line.

The dorsal mantle length ranged between 300 mm and 400 mm. The single specimen brought to the laboratory measured 360 mm in length and weighed 1.450 Kg. The gut was full with thoroughly macerated and pulpy food material, which could not be identified. The specimen was a female with the gonad in maturing condition.

This squid is a prospective candidate for oceanic exploitation. The morphometric measurements (mm) of the specimen are:

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
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<tbody>
<tr>
<td>Dorsal mantle length</td>
<td>360</td>
</tr>
<tr>
<td>Dorsal mantle breadth</td>
<td>160</td>
</tr>
<tr>
<td>Ventral mantle length</td>
<td>344</td>
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<tr>
<td>Largest mantle breadth with fin</td>
<td>330</td>
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</tbody>
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Length of single fin  - 160
Length of head  - 60

*Symplectoteuthis ovalaniensis* (Ventral view)