Cost of 1600 m rope with fibre coating @
₹ 90/metre of rope 1,44,000
Cost of equipments and electronic
gadgets on board
Wireless set 39,000
Echosounder 96,000
GPS 24,000
Batteries (2 numbers) 19,000
Wire ropes = 190 m @ ₹ 78/meter 14,820
Steel propeller 1,37,500
Nets (8-12 types) 7,00,000
Syntex tank (1000 litre capacity) 14,000
Gas cylinders (2 numbers) 9,500
Boat trial run 45,000
Labour charges (for 9 carpenters @ ₹ 750/day
x 25 days/month x 4 months) +
₹ 1,20,000 for 1 supervisor
(@ ₹ 1,200/day x 25 days x 4 months) 7,95,000
Interest paid by owner for a loan of
₹ 70 lakhs/boat building =
(@ ₹ 1.75 lakh/month x 4 months) 7,00,000
Total cost incurred for one boat 7609070
Selling price/boat 85,60,000
Net profit/boat builder 9,50,930
Income earned per labourer (@ ₹ 750/day
x 25 days/month x 4 months) 75,000

Thus the net profit earned per boat builder
accrues to ₹ 9,50,930 and the income earned per
labourer for a period of four months (duration of
boat building) is ₹ 75,000. Fisher folk who work as
labourers in boat building yards are from nearby
places such as Pinnakayal, Chettikulam, neighbouring
district of Tuticorin as well as migrants from other
states such as Andhra Pradesh.

Wetland floral diversity of Devagad Island

*Divya Viswambharan¹, P. Laxmilatha², Miriam Paul Sreeram³
Mangalore Research Centre of ICAR-Central Marine Fisheries Research Institute, Mangaluru
Chennai Research Centre of ICAR-Central Marine Fisheries Research Institute, Chennai
ICAR-Central Marine Fisheries Research Institute, Kochi
*e-mail: divyavis@yahoo.co.in

There are eight islands around Karwar in the
Uttara Kannada District of Karnataka which are
located between 14° 45’ N to 14° 55’ N and 74° 00’
to 74° 07’ 30” E. The Devagad Island, regionally
known as Devagadagudda Island, is one such island
with a reserve forest that covers 2.5 sq. km. with
41m elevation above Mean Sea Level (MSL). The
climate is wet monsoon type, with average total
rainfall of around 3000 mm/year and temperature
range between 20 °C to 38 °C. Post-monsoon survey
was conducted in the island for 5 months during
September 2015 to January 2016 and a monsoon
survey during August 2016 to assess the diversity of
wetland flora associated with the island. The
vegetation in the island is similar to that found in
the Western Ghats. A small rock pool near the north
western side of the island harbours the single
mangrove species *Avicennia officinalis* (Family
Avicenniaceae) present in the Island. Along with this
mangrove, seven mangrove associates were present
(Table 1).

Table 1. Mangrove associates in Devagad Island

<table>
<thead>
<tr>
<th>Common name</th>
<th>Scientific Name</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rattle Pod</td>
<td>Crotalaria sagittalis</td>
<td>Fabaceae</td>
</tr>
<tr>
<td>Poison Wine</td>
<td>Duris trifoliata</td>
<td>Fabaceae</td>
</tr>
<tr>
<td>Portia Plant</td>
<td>Thespesia populnea</td>
<td>Malvaceae</td>
</tr>
<tr>
<td>Crown Flower</td>
<td>Calotropis gigantea</td>
<td>Apocynaceae</td>
</tr>
<tr>
<td>Flat Edges</td>
<td>Cyperus malaccensis</td>
<td>Cyperaceae</td>
</tr>
<tr>
<td>Bush-Grapes</td>
<td>Cayratia trifolia</td>
<td>Vitaceae</td>
</tr>
<tr>
<td>Glory-Bower</td>
<td>Volkameria inermis</td>
<td>Lamiaceae</td>
</tr>
</tbody>
</table>