# समुद्री मातिए्यिक्री सूचना सेबा MARINE FISHERIES INFORMATION SERVICE 


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## ON A JUVENILE WHALE SHARK RHINCODON TYPUS CAUGHT OFF KAYALPATNAM (GULF OF MANNAR)*

Stray individuals of the Whale shark Rhincodon typus (Smith) are caught occasionally along the Gulf of Mannar coast. On 15th April 1993 a male whale shark measuring 3.8 m and weighing approximately 650 kg got entangled in 'Paruvalai' (Nylon drift gill net, mesh size : 115 - 170 mm ) operated at a depth of 40 m off Kayalpatnam during the early hours of the day. The shark was towed ashore with the help of neighbouring crew. Locally this sahrk is known as 'Ammuni uluvai'. Since the meat is unpalatable and the fins does not fetch any fair price, it was auctioned for a very low price of Rs. 300/-. Necessary morphometric measurements taken are presented in Table 1.

Table 1. Morphometric measurements (mm) of whale shark Rhincodon typus (Smith). Measurements in mm

| Total length | 3870 |
| :--- | :--- |
| Standard length | 3300 |
| Snout to first dorsal | 1660 |
| Snout to second dorsal | 2440 |

Snout to pectoral ..... 1010
Snout to eye ..... 410
Snout to nostril ..... 520
Snout to anal ..... 2080
First dorsal fin
Height ..... 420
Breadth ..... 350
Curvature ..... 300
Inner curvature ..... 170
second dorsal
Height ..... 220
Base ..... 190
Curvature ..... 160
Inner curvature ..... 150
Pectoral
Length of pectoral ..... 640
Base ..... 330
Curvature ..... 330
${ }^{*}$ Reported by : S. Rajapacklam, K. M. S. Ameer Hamsa, T. S. Balasubramanian and H. Mohamad Kasim, Tuticorin Research Centre of CMFRI, Tuticorin - 628001.

| Inner curvature | 190 |
| :--- | ---: |
| Caudal length | 960 |
| Snout to first gill opening | 730 |
| Snout to second gill opening | 800 |
| Snout to third gill opening | 860 |
| Snout to fourth gill opening | 960 |
| Snout to fifth gill opening | 1010 |
| Eye diameter (vertical) | 35 |
| Eye diameter (horizontal) | 40 |

Inter orbital distance ..... 810
Inter nostril distance ..... 880
Mouth length ..... 510
Mouth width ..... 320
Girth at I dorsal ..... 2640
Girth at 2nd dorsal ..... 1080
Girth at caudal ..... 420

