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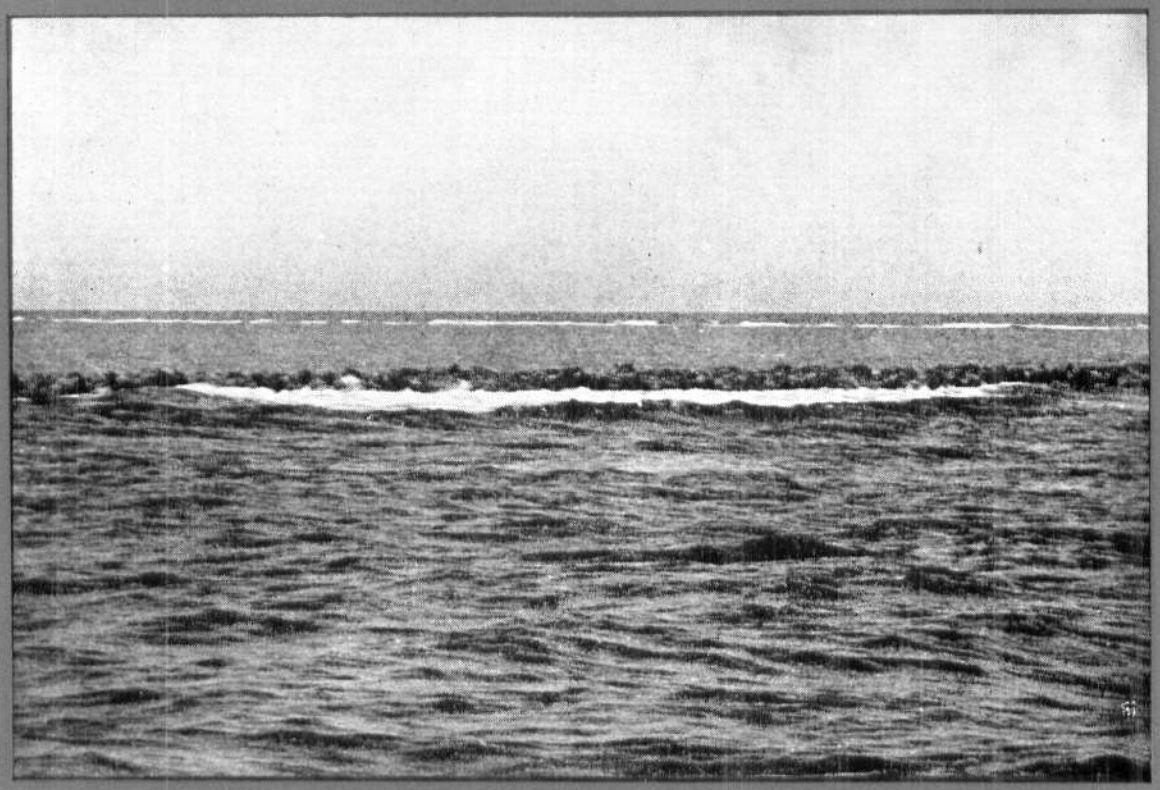

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CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

COCHIN, INDIA

INDIAN COUNCIL OF AGRICULTURAL RESEARCH

RECOVERY OF A RINGED 'DUSKY SHARK' *CARCHARHINUS OBSCURUS**

A 'Dusky shark' belonging to the genus *Carcharhinus* was landed on 28-3-1987 at Veraval with a ring pierced through the first dorsal fin and the right pectoral fin around the girth of body (Figs. 1 and 2). The shark was caught by gill net (28 mm mesh), 65 km southeast of Veraval at a depth of about 80 m. The morphometric measurements (in cm) of the shark are as follows:

Morphometric measurements (cm) of Carcharhinus obscurus

1.	Total length	185
2.	Fork length	147
3.	Pre caudal length	119
4.	Pre second dorsal length	120
5.	Pre first dorsal length	53
6.	Diameter of eye	2.7
7.	Length of pectoral	36.9
8.	Dorsal caudal margin	52
9.	Height of first dorsal	25
10.	Height of second dorsal	7.2
11.	Height of pelvic	4.7
12.	Height of anal	7.7
13.	Height of trunk	22
14.	Height of caudal peduncle	7.0
15.	Pre oral length	11.0
16.	Width of mouth	17.3
17.	Inter-narial space	10.4
18.	Length of right clasper	23.2
19.	Length of left clasper	20.5
20.	Inter orbital space	18.6

Dental formula

i.	Upper jaw (4 rows)	
	a. Right upper	14 (I row)
	b. Left upper	14 (I row)
ii.	Lower jaw (4 rows)	
	a. Right lower	12 (I row)
	b. Left lower	12 (I row)

*Prepared by A. P. Lipton, S. G. Raje, Ravi Fotedar and Ranjit Singh, Veraval Research Centre of CMFRI with the technical assistance of Thumber and Zala.

The gut was almost empty but with traces of bones of ribbon fish.

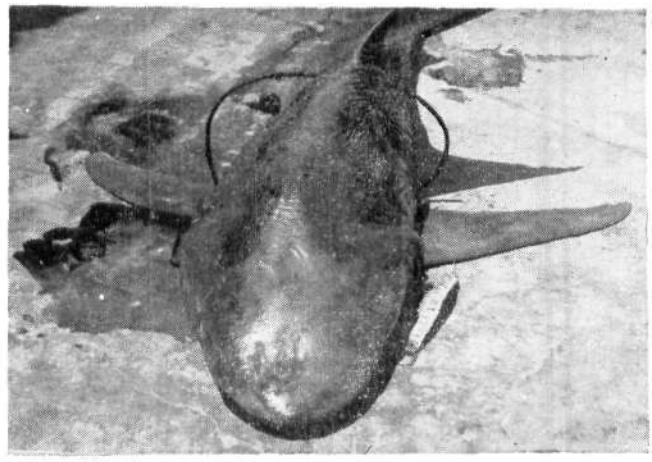

Fig. 1. Close frontal view of *C. obscurus*.

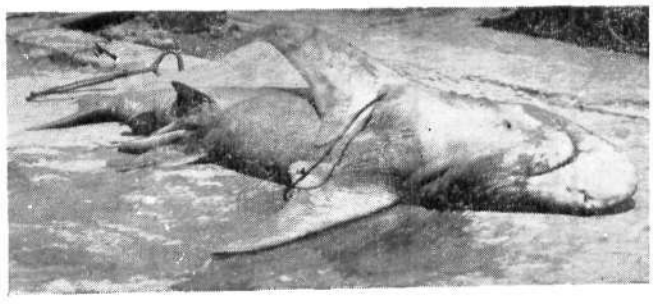

Fig. 2. Ventral view of *C. obscurus* showing the ring pierced through the pectoral fin.

The ring around the specimen was black and had no joint or marking. Tag or label was not present. The diameter of the ring was 28.64 cm and the thickness was 0.56 cm. The ring is preserved in the Veraval Research Centre of CMFRI.

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