

## MARINE FISHERIES INFORMATION SERVICE

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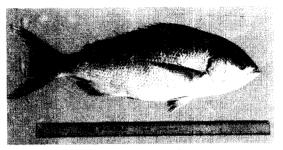
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

The Marine Fisheries Information Service: Technical and Extension Series envisages dissemination of information on marine fishery resources based on research results to the planners, industry and farmers and transfer of technology from laboratory to field.

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## Occurrence of pinjalo snapper, *Pinjalo pinjalo* in the fishery of Maharashtra

On 06.12.03, ten numbers of pinjalo snapper, *Pinjalo pinjalo* were landed in the



Pinjalo pinjalo

trawl catches at the New Ferry Wharf, Mumbai. Later two more numbers were recorded from Sassoon Dock, Mumbai on 11.12.03. The depth of fishing was 40-60 m in the fishing grounds off southwest of Mumabi.

A female specimen of *P. pinjalo* measuring 678mm and weighing 3.941 kg, obtained from New Ferry Wharf was examined for meristic, morphmetric characteristics. (Table 1)

Table: 1 Meristic and morphometric characters of P. pinjalo

## Meristic characters:

Lateral line	1	
Scales on the lateral line	56	
Scale rows above the lateral line	9	
Gill rakers:		
On lower limb of gill arch	15	
On upper limb of gill arch	6	
Fins:		
Dorsal fin	D.XI,15	
Caudal fin	C.28	
Anal fin	A, III, 10	
Pectoral fins	P.18	
Pelvic fins	V.1,5	
Branchiostegal rays	7	

## Morphometric characters (in mm):

	in mm	% of total length	% of head length
Total length	678		
Standard length	564	82.9	-
Fork length	611	90.1	-
Head length	148	21.8	-
Body depth	198	29.2	-

Body depth at first dorsal	180	26.6	-
Dorsal fin length	330	48.7	<u>-</u>
Caudal fin length	146	21.5	-
Anal fin length	62	9.1	-
Pectoral fin length	147	21.7	_
Pelvic fin length	84	12.4	-
Length of second anal spine	34	5	_
Depth of caudal peduncle	66	9.7	<del>-</del>
Length of caudal peduncle	93	13.8	_
Predorsal length	163	24	_
Preanal length	368	54.3	_
Prepectoral length	151	22.3	-
Prepelvic length	192	28.3	-
Base length of dorsal fin	155	22.9	-
Base length of pectoral fin	29	4.3	_
Eye diameter	30	4.4	20.3
Preorbital length	43	6.3	29.1
Inter orbital space	65	9.6	44
Snout length	54	8	36.5
Length of upper jaw	48	7	32.4
Length of lower jaw	49	7.2	33.1.

The ovary of the specimen obtained, weighing 91 g, was partially spent. The ova diameter ranged from 0.31-0.42 mm (average 0.38 mm).

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