

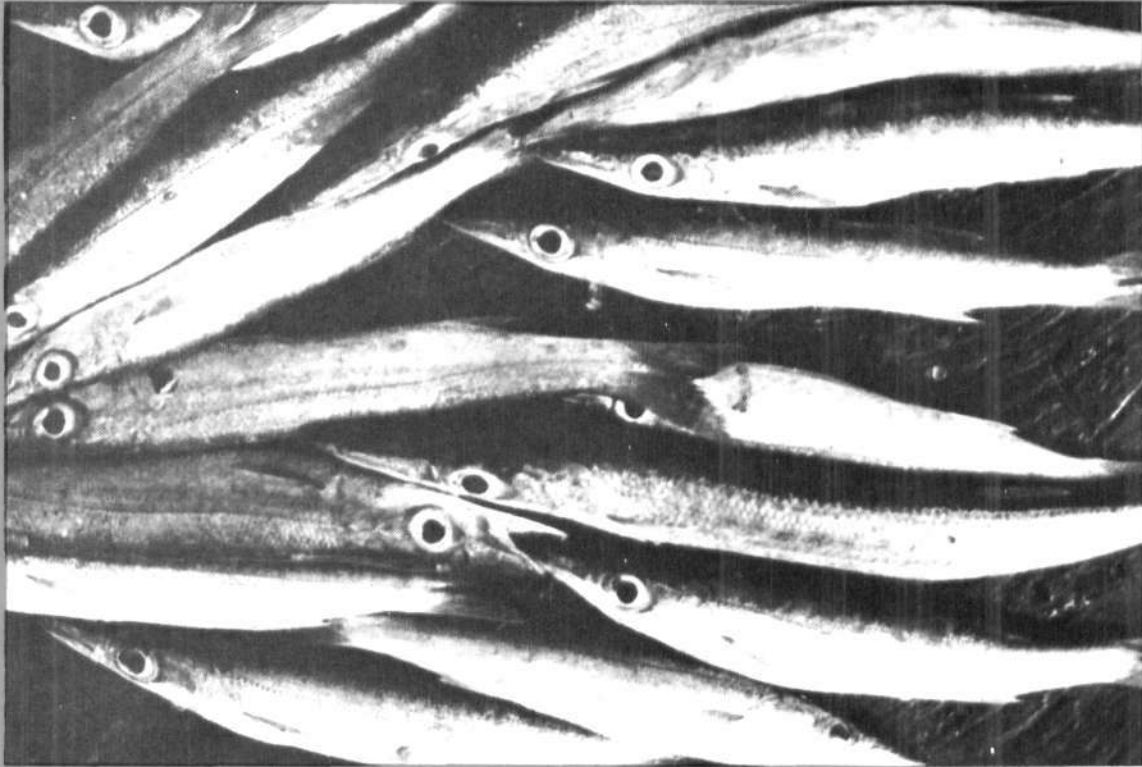


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भारतीय कृषि अनुसंधान परिषद
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**ON THE LANDING OF A LARGE SIZED BOTTLE—NOSE DOLPHIN
TURSIOPS ADUNCUS AT VISAKHAPATNAM, ALONG ANDHRA COAST***

A large sized male, bottle—nose dolphin *Tursiops aduncus* locally called "Karri gadumu" was caught accidentally during shrimp trawl operations at 50 m depth, 30 km south off Visakhapatnam. Although landings of dolphins in small trawlers are not uncommon in this area, the occurrence of the species *Tursiops aduncus* (bottle nose dolphin) has never been recorded from Visakhapatnam of Andhra coast.

The morphometric measurements taken in cm on this species are given below.

Total length (snout to notch of caudal flukes)	220
Length from tip of snout to blow hole	35.5
Length from tip of snout to centre of eye	36
Length from tip of snout to anterior insertion of the flipper	55.5
Length from tip of snout to origin of dorsal fin	101.5
Length from tip of snout to centre of umbilicus	111.5
Length from centre of umbilicus to centre of anus	55
Length from notch of flukes to posterior end of dorsal fin	91.5
Length from notch of flukes to centre of anus	64.5
Length of fluke on outer curvature	32.5
Length of fluke on inner curvature	27.4
Distance between extremities of flukes	49.5

Width at insertion of fluke	17.3
Length of dorsal fin base	29
Vertical height of dorsal fin	27
Length of flipper from anterior insertion to tip	40
Length of flipper along curve of lower border	29.5
Length of base of flipper	13
Greatest width of flipper	14.8
Vertical height of body at origin of dorsal fin	46
Vertical height of body at anal region	30
Length of upper jaw	28.8
Length of lower jaw	30.5
Diameter of the eye	1.9
Width between 2 eyes	24
Length of penis	29
Total number of teeth on one side of upper jaw	27
Total number of teeth on one side of lower jaw	26
Sex	Male
Approximate weight (kg)	180

The occurrence of *Tursiops aduncus* was reported from Calicut Cochin and Mandapam. The present record extends the area of its distribution to the northeast coast. The tender meat of smaller dolphins is preferred for consumption by fishermen themselves, whereas the meat of bigger ones is mainly used as baits in the long line fishery.

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