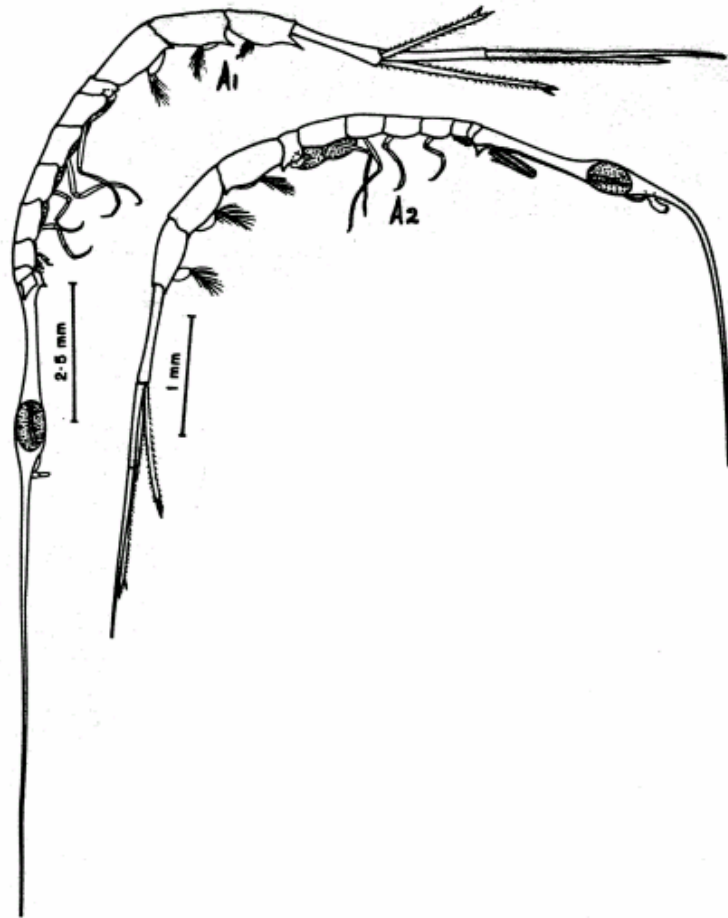


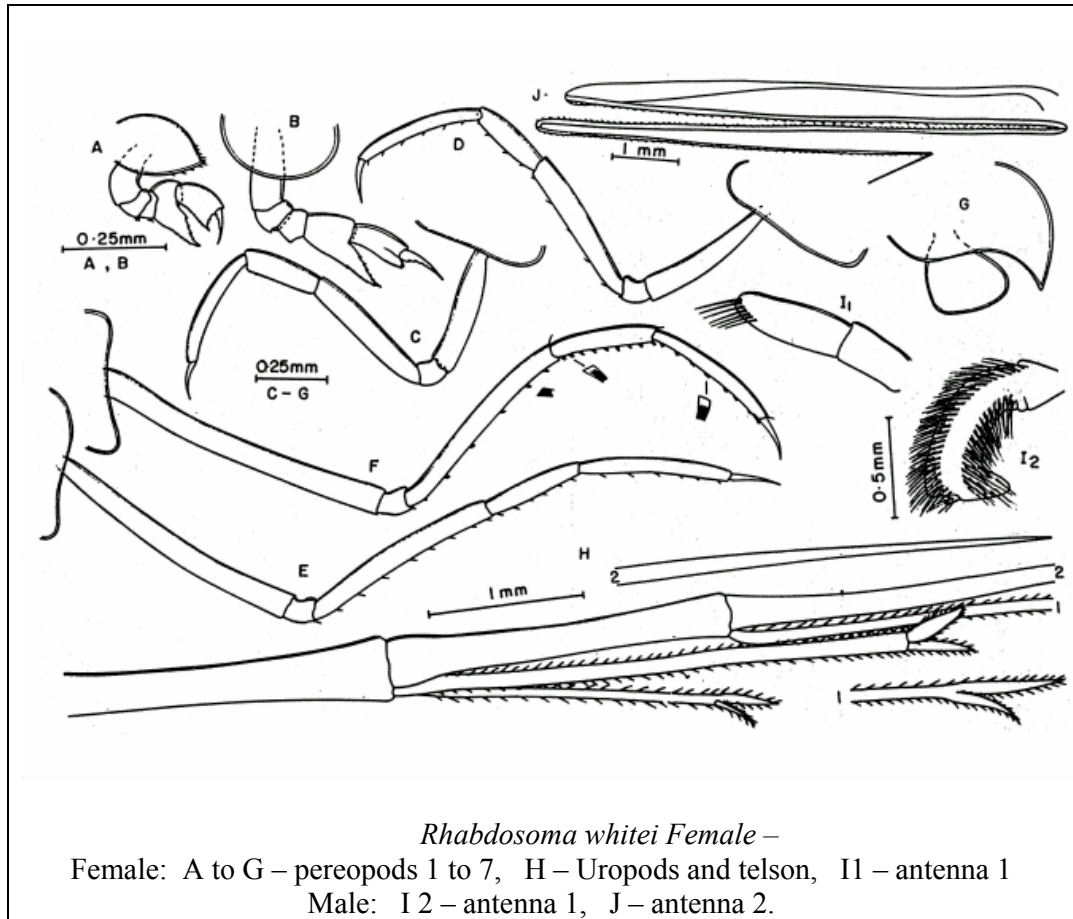
Environment

Freshwater:	Yes/ No	Habitat: Marine	Salinity:33-35%
Brackish:	Yes/No	Migrations:	Temperature:20-28°C
Salt Water:	Yes√/ No	Depth range : 0-200m	

Picture (scanned images or photographs of adult/ larval stages)



Rhabdosoma whitei
A1 – female, A2 - male



DATA ENTRY FORM: Form -2 (Fish/ Shell fish/ Others) Ref. No.:
(Please answer only relevant fields; add additional fields if you require)
Form- 1 Ref. No.:

IMPORTANCE

Landing statistics (t/y): from to Place: Ref. No.:
Main source of landing: Yes/ No Coast: east/ west
Importance to fisheries:
Main catching method:
Used for aquaculture: yes/ never/ rarely
Used as bait: yes/no/ occasionally
Aquarium fish: yes/ no/ rarely
Game fish: yes/ no
Dangerous fish: poisonous/ harmful/ harmless
Bioactivity: locally known/ reported/ not known Details:
Period of availability: Throughout the year – yes/ no If no, months:

SALIENT FEATURES:

Morphological:
Diagnostic characteristics: rostrum one third of the total length of the body. Posterolateral corners of the first 3-pleon segments produced into slender apically pointed process. Carpal process of pereopod 1 longer than the segment proper, edges serrated. Coxal plates of 7 the pereopod posteriorly drawn out into conical process, basis a pear shaped lamina, rest of the segments absent. Exopods of urpods not very small. Third uropod reaching the distal third of the telson.

Sex attributes: Dimorphic

Male: The 1st segment of the flagellum of antenna 1 in males has a characteristic projection in the distal part of the anterior margin.

Female: First antenna reduced, second absent.

Descriptive characters:

Meristic characteristics:

Feeding habit: Feeds on micro zooplanktons

Main food:

Feeding type:

Additional remarks: *R.whitei* is much shorter than *R.armatum*. In addition to the size difference these two species can be distinguished by several other characters, some of which have been mentioned in the remarks under *R. armatum*. To recapitulate, they are: (1) The absence of an accessory spine on the carpal process of the first pereopod. (2) The slender nature of peropods three to six (basis and merus flattened in *R. armatum*). (3) The prolongation of the posterior part of the coxal plate of the seventh pereopod and the reduction of the limb to a one- segmented lamina (there is a two-segmented appendix in *R. armatum*). (4.) Much reduced exopods of uropods two to three. (5) In *R.whitei* the first urpod is as long as the third or even longer (always shorter in *R. armatum*). (6) In males there are only two pairs of branchiae (there are three pairs in *R. armatum*)

Size and age:

Maximum length (mm) (male/ female/ unsexed)

Ref. No.:

Male 35.8 to 85.0, Female 39.4 to 60.6, Juvenile 10.04 to 35.0

Average length (cm) (male/female/unsexed)

Ref. No.:

Maximum weight: (g) (male/female/unsexed)

Ref. No.:

Average weight: (g) (male/female/unsexed)

Ref. No.:

Longevity (y) (wild): (captivity)

Ref. No.:

Length/ weight relation ships:

Eggs and larvae: Ref. No.
Eggs are stored in the brood pouch and fully developed juveniles hatch out from the brood pouch.
Characteristics:
Abundance:
Biochemical aspects:
Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Ref. No.
Electrophoresis: Ref. No.

SPAWNING INFORMATION:

Locality: Main Ref:
Season:
Fecundity:
Comment:

MAJOR PUBLICATIONS (INDIAN):

(Include review articles, monographs, books etc.)

Pillai, N.K., 1966a. Pelagic Amphipoda in the collections of the Central Marine Fisheries Research Institute, India, Part 1, Oxycephalidae. In *Proceedings of the Symposium on Crustacea, I. Marine. Biological. Association of India*: 169-204.

Nair, K.K.C. and K.V. Jayalakshmy, 1992. Distribution of oxycephalidae (Hyperiidia – Amphipoda) in the Indian Ocean – A Statistical Study. *Oceanography of the Indian Ocean*, Oxford and IBH Publications, 201-210. Ed. By B.N. Desai.

Nair, K.K.C (1995) Taxonomic Features And Identification Of Oxycephalidae, *Mahasagar*, Vol.28. No 1&2.

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