



Environment

Freshwater: Yes/ No

Brackish: Yes/No

Salt Water: Yes/No

Habitat: Marine

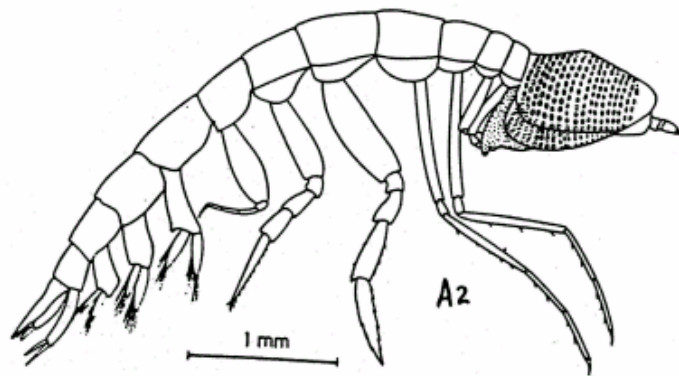
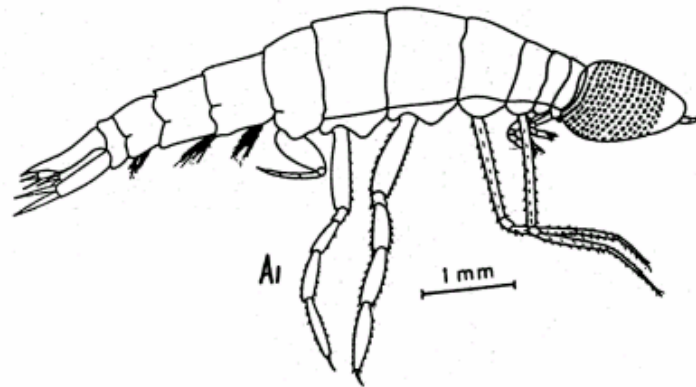
Migrations:

Depth range:0-200m

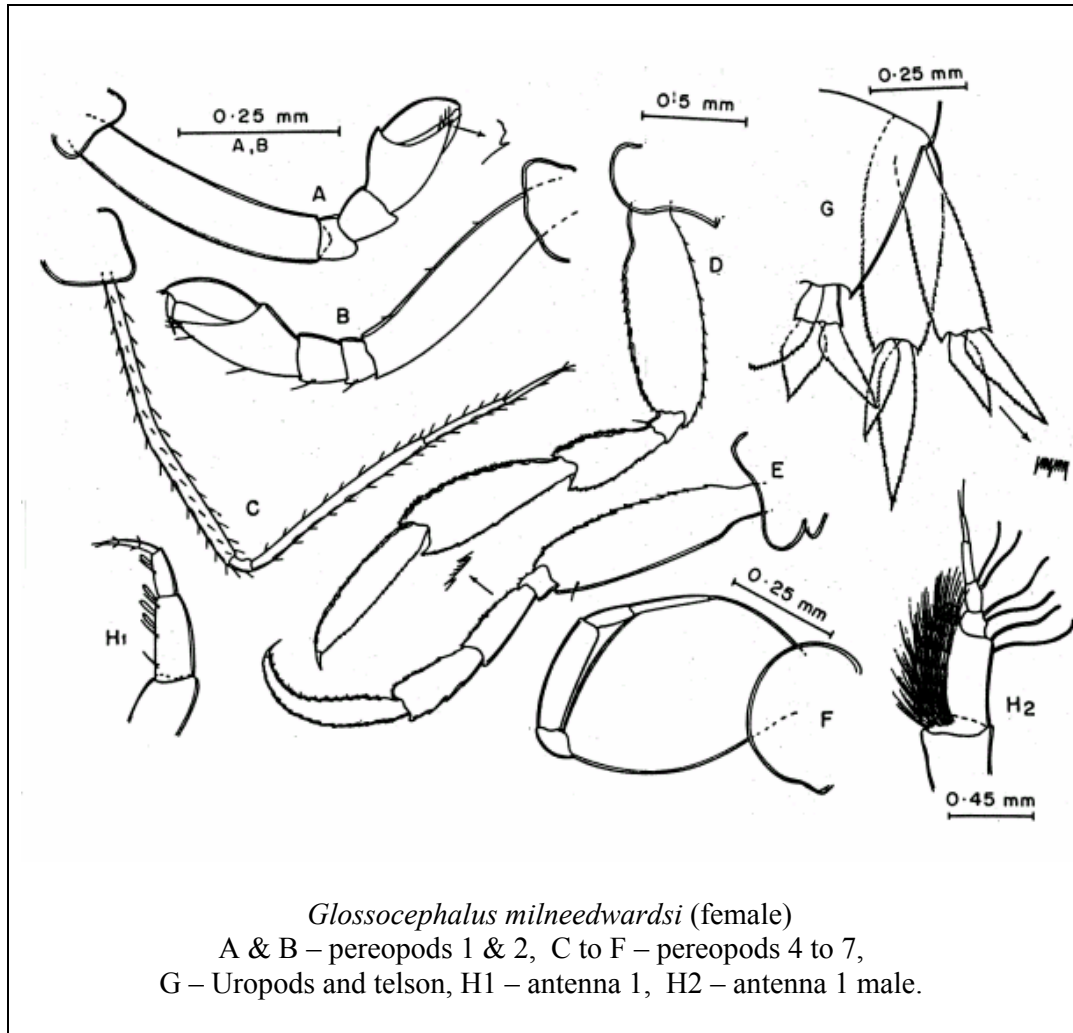
Salinity:33-35%

Temperature:20-28°C

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



*Glossocephalus milneedwardsi*  
A1 female, A2 – juvenile female.



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:

Cephalon in female produced into a short apically broadly rounded rostral lobe on snout; where as in male it is proportionately longer. Pereon segments 1 to 3 are relatively short and shallow producing a distinct neck. First antenna in female 6 segmented, in male the 1<sup>st</sup> flagellar segment not curved, as is the case in many species of oxycephalids. The carpus of 1<sup>st</sup> and 2<sup>nd</sup> pereopods widening distalwards and their inner distal part prolonged into a conical thumb armed apically with a few spine like setae. The basis of the pereopod highly flattened in females and more elongated in males. Uropod 1 clearly overreaches the tip of the telson. Peduncle of 3<sup>rd</sup> uropod short, nearly equal in length and width.

Sex attributes: Dimorphic

Male: The 1<sup>st</sup> 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 zooplankton

Main food:

Feeding type:

Additional remarks:

*G. milneedwardsi* has several unique characters such as the short blunt snout, long slender third and fourth legs, flattened paddle like fifth leg, uropods with the endopods of the first and second clearly smaller than the exopods, the reverse of what is found in the other genera. The fusing of the seventh coxal plate along with the pereon segment is very characteristic. The shape of the cephalon often varies depending on sex and the stage of development

Size and age:

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

Ref. No.:

Male 9.0 to 9.1, Female 7.2 to 11.46, Juvenile 3.89 to 6.7

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 relationships:

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 (Hyperidea – 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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