

Environment

Freshwater: Yes/ No

Habitat: Marine

Salinity:33-35%

Brackish: Yes/No

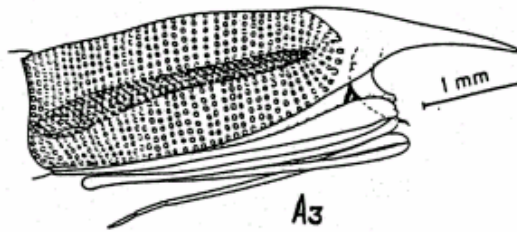
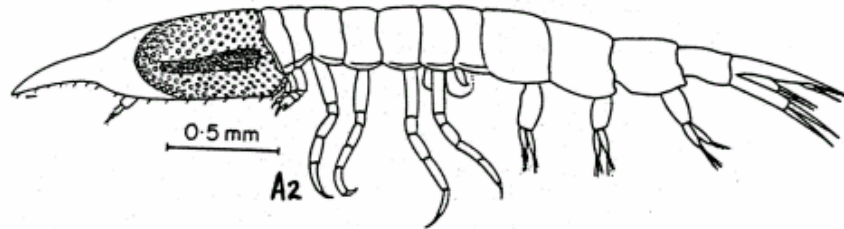
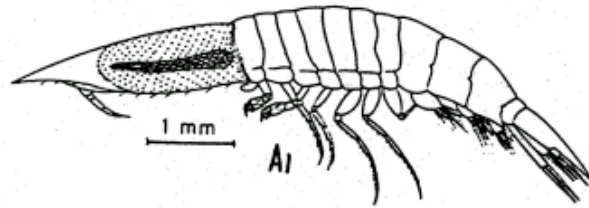
Migrations:

Temperature:20-28°C

Salt Water: Yes/No

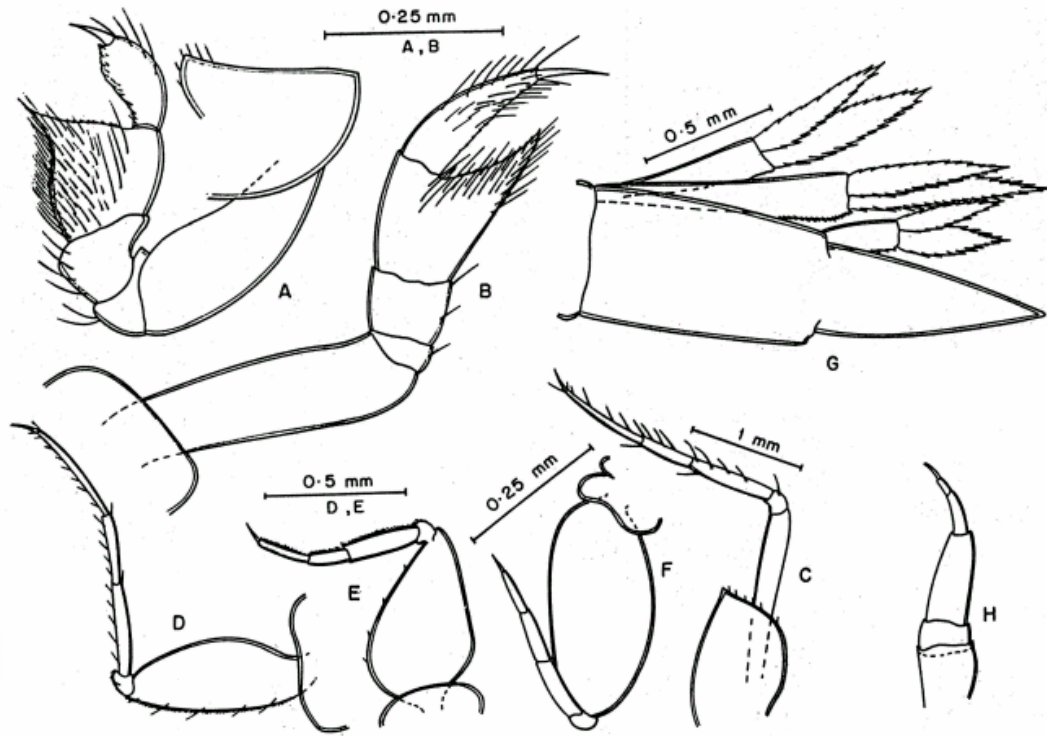
Depth range:0-200m

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



Streetsia steenstrupi

A1 – female, A2 – juvenile female, A3 – cephalon adult male.



Streetsia steenstrupi (female)

A & B – pereopods 1 & 2, C to F – pereopods 4 to 7,
 G – Uropods and telson, H – antenna 1.

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:

Body compactly built; cephalon elongated, ventral border with widely spaced spinnules, rostrum short. Pleon segment successively decreasing in depth backwards. Double segment one and half times as long as board. Telson slightly shorter than double pleon segment. Carpus of the 1st pereopod as long as board, its distal border nearly transverse and inner distal borders finely serrate, surface, except near the outer margin covered with several stiff setules. Carpus of 2-nd perpod nearly equal in length and width but its inner distal part prolonged into a long process, nearly as long as the segment, borders of the process weakly serrate, its surface with stiff setules. Pereopods 3 and 4 simple; basis of 5th and 6th expanded; basis of 7th oblong. First uropod reaches beyond the tip of the 3rd.

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 zooplankton

Main food:

Feeding type:

Additional remarks: The detailed illustrations of this species published by Stebbing (1888) and Pillai (1966a) clearly apply to author's specimens. However, there is some difference in the armature of the uropods (pl.15, Fig. G) compared to the descriptions by Fage 1960 and Bovallius (1890).

Size and age:

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

Ref. No.:

Male 8.0 to 15.1, Female 6.75 to 14.1, Juvenile 3.2 to 6.78

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 (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.

LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)

Dr.K.K.C.Nair
Scientist-In-Charge
R.C. of NIO,
Post Box-1616
Kochi – 682 014

Dr. N. Krishna pillai
“Radhika”
65- Champaka Nagar
Bakery Junction
Trivandrum-695 001

ACKNOWLEDGEMENT:

(List of persons who contributed, modified or checked information)