NATIONAL BIORESOURCE DEVELOPMENT BOARD
Dept. of Biotechnology
Government of India, New Delhi

For office use:

MARINE BIORESOURCES
FORMS DATA ENTRY**:** Form- 1(general**)**

Fauna: √ Flora Microorganisms

General Category: Invertebrata (Zooplankton) Pelagic amphipod

Scientific name &Authority: *Scina langhansi* Wagler, 1926
Common Name (if available):

Synonyms:	Author(s)	Status
Scina langhansi	Wagler	1926: 335
Scina langhansi	Vinogradov	1964: 131

Classification:

Phylum: Arthropoda	Sub- Phylum:Mandibulata	Sub- Class: Malacostraca
Super class:	Class:Crustacea	Sub Order: Hyperiidea
Super Order: Peracarida	Order:Amphipoda	Sub-Family
SuperFamily: Scinoidea	Family: Scinidae	
Genus: *Scina*	Species: *langhansi*	

Authority: Wagler, 1926
Reference No.: Wagler, E. 1926. Amphipoda, 2: Scinidae. Erg. Dtsch. *Tiefse-Exped. "Valdivia"* 1898-1899, vol 20, No. 6, pp. 317-446.

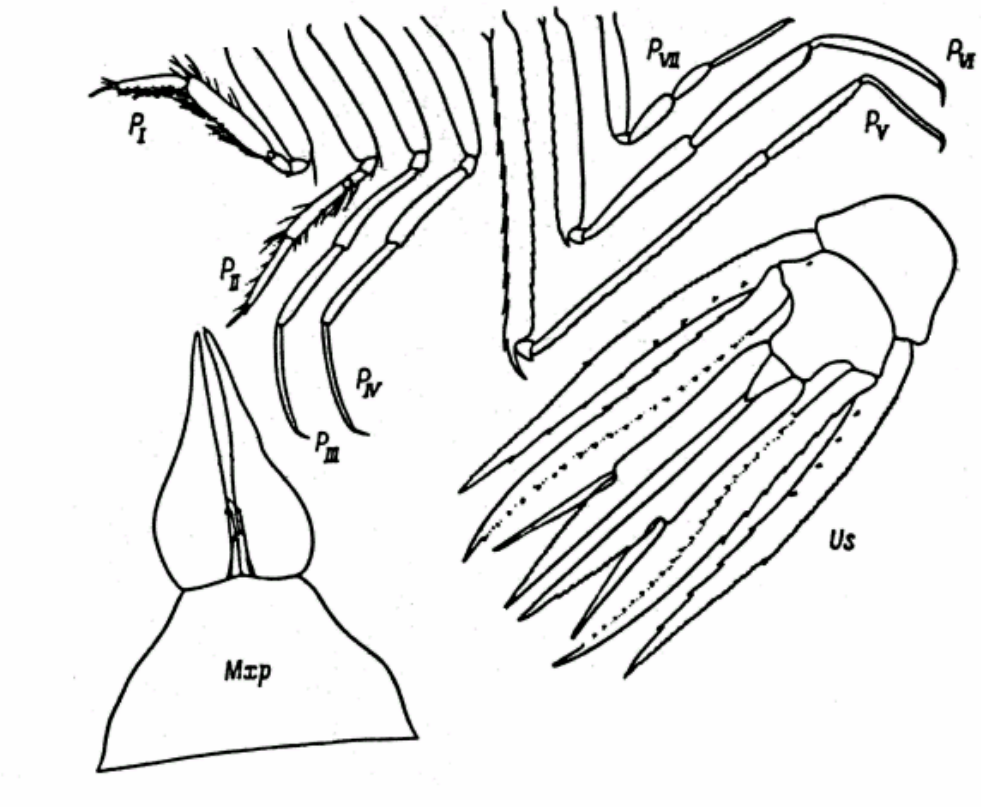
Geographical Location: This species is known from the equatorial regions of the eastern Atlantic; Tropical, central and eastern Pacific, and equatorial regions of the Western part of the Indian Ocean. It has been found only in total catches from depths of over 500-1,000m to the surface.

Latitude: Place:
Longitude: State:

Environment

Freshwater:	Yes/ No	Habitat: Marine	Salinity:
Brackish:	Yes/No	Migrations:	Temperature:
Salt Water:	Yes√ /No	Depth range :	

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



Scina langhansi Wagler (after Wagler, 1926).

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:
The peron is broadly oval and smooth. There pleon has a weakly developed keel.
Antennae I are roughly equal in length to the pereon. The mouth cone is relatively small and barely projects. The outer lobe of the maxillipeds are small and markedly tapering distally; the inner lobes are weakly developed and distally only 1/5 the length of the outer.
In pereopods I and II the 2^{nd} segment is somewhat shorter than the 5^{th} and 6^{th} segments together; the claw is long and thin. Pereopods III and IV are long, thin, and very weakly pubescent; their 6^{th} segment is insignificantly longer than the 5^{th}. The 2nd segment of pereopods V bears long, slightly curved, and projecting denticles on its anterior margin, while the posterior margin is finely denticulate; the distal process is curved and only slightly longer than the 3^{rd} segment; the 4^{th} segment is longer than the 5^{th}, and 6^{th} together. Pereopods VI are slightly shorter than pereopods V; their 4^{th}, and 5^{th} and 6^{th} segments are roughly equal in length; the claw is slightly curved. Pereopods VII are short, their 6^{th} segment is only slightly shorter than the 5^{th} and 4^{th} * segments together; the claw is short and curved.
Uropods I are denticulate along the entire anterior margin and bear isolated spines on the posterior margin. The basipodite of uropods II bears sparse denticles on the anterior margin; the posterior margin of the basipodite and endopodite is finely denticulate. The posterior margin of the expodite of uropods III and the anterior margin of their basipodite smooth; the anterior margin of the endopodite is denticulate. The telson is oblong-triangular with an actue tip.

Sex attributes: Dimorphic
Male: 1^{st} antenna well developed , female: 1^{st} antenna reduced.
Descriptive characters:

Meristic characteristics:
Feeding habit:
Main food:
Feeding type:
Additional remarks:
Size and age:
Maximum length (cm) (male/ female/ unsexed) Ref. No.:
Length of sexually mature specimens 8-10mm
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.
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.)
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