

NATIONAL BIORESOURCE DEVELOPMENT BOARD

Dept. of Biotechnology
Government of India, New Delhi

MARINE BIORESOURCES

FORMS DATA ENTRY: Form- 1(general)
Ref. No.: (please answer
only relevant fields; add additional fields if you require)

For office use:

Fauna : <input checked="" type="checkbox"/>	Flora	Microorganisms
General Category : Invertebrata (Zooplankton),Pelagic amphipod		
Scientific name & Authority : <i>Hyperioides sibaginis</i> (Stebbing,1888) Common Name (if available) :		
Synonyms:	Author(s)	Status
<i>Hyperioides sibaginis</i> (<i>Hyperia</i>)	Stebbing	1888: 1379
<i>Hyperioides sibaginis</i>	Bovallius	1889: 201
(?) <i>Hyperioides sibaginis</i>	Pirlot	1930: 18
<i>Hyperioides sibaginis</i>	Bowman	1973: 33
Classification:		
Phylum: Arthropoda	Sub Phylum: Mandibulata	SubClass: Malacostraca
Super class	Class: Crustacea	Sub Order: Hyperiidea
Super Order: Peracarida	Order: Amphipoda	Sub-Family
SuperFamily:Phronimoidea	Family:Hyperiidae	
Genus: <i>Hyperioides</i>	Species: <i>sibaginis</i>	
Authority: (Stebbing, 1888)		
Reference No. Stebbing, T.R 1888. Report on the Amphipoda collected by H.M.S. "Challenger" during the years 1873-76. Rept. Sci. Res. "Challenger", Zool.,vol. 29 (pt. 1-3), 1737 pp.		
Geographical Location: Found in the tropical waters of the Pacific Ocean: northern, central, and equatorial regions, of the Philippines, Line Islands, and the Gulf of Panama. It lives mainly in the upper 200 m layer.		
Latitude:	Place:	
Longitude:	State:	

Environment

Fresh water: Yes/ No

Brackish : Yes/ No

Salt water : Yes/ No

Habitat : Marine

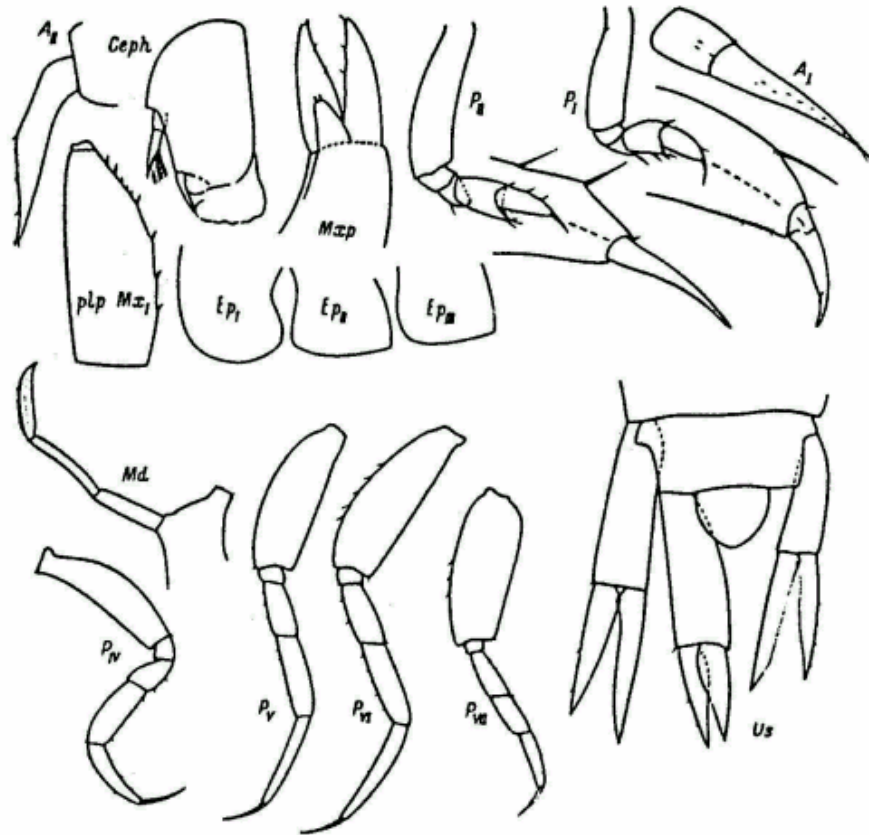
Migrations :

Depth range :

Salinity :

Temperature :

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



Hyperioides sibaginis (Stebbing), female (after Bowman, 1973)

DATA ENTRY FORM: Form- 2 (Fish / shellfish / 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 head is round and longer than the first three somites of the pereon together. The eyes occupy not only the dorsal, but also the greater part of the lateral surface of the head.

In females antennae I are two-segmented and antennae II one –segmented; their length is approximately the same. Pereopods I and II are the same as in the preceding. II is shorter and does not extend to half the length of the 6th segment. The 5th and 6th segments of pereopods V and VI bear not only sparse spines on the anterior margin, but also a dense row of short thin setae. Pereopods VII are the same in structure as in *H. longipes*.

The posterior distal angle of epimeron I is round but in epimerons II and III acute. The uropods are much longer and thinner ; the basipodite of uropods III is almost 1/ 3 as wide as long and 1.5 times longer than the exopodite.

Sex attributes:

Dimorphic

Male: 1st antenna well developed, female: 1st 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 adult specimens 4-6 mm

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 relational ships:

Eggs and larvae: Characteristics: Abundance: Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Electrophoresis:	Ref. No.: Ref. No. Ref. No.
SPAWNING INFORMATION: Locality: Season: Fecundity: Comment:	Main Ref:
MAJOR PUBLICATIONS (INDIAN): (include review articles, monographs, books etc.) LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.) <div style="margin-left: 40px;"> <p>Dr. K.K.C. Nair Scientist-In-Charge R.C. of NIO, Post Box-1616 Kochi – 682 014</p> <p>Dr. N. Krishna pillai “Radhika” 65- Champaka Nagar Bakery Junction Trivandrum-695 001 Email kkenair@niokochi.org</p> </div>	
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