

# NATIONAL BIORESOURCE DEVELOPMENT BOARD

Dept. of Biotechnology  
Government of India, New Delhi

For office use:

## MARINE BIORESOURCES

FORMS DATA ENTRY: Form- 1(general)

Fauna: <input checked="" type="checkbox"/>	Flora	Microorganisms
General Category: Invertebrata (Zooplankton) Pelagic amphipod		
Scientific name & Authority: <i>Scina inermis</i> Chevreux, 1919 Common Name (if available):		
Synonyms:	Author(s)	Status
<i>Scina inermis</i>	Chevreux	1919: 7
<i>Scina inermis</i>	Wagler	1926: 413
Classification:		
Phylum: Arthropoda	Sub- Phylum: Mandibulata	Sub- Class: Malacostraca
Super class	Class: Crustacea	Sub Order: Hyperiidea
Super Order: Peracarida	Order: Amphipoda	Sub-Family:
Super Family: Scinoidea	Family: Scinidae	
Genus: <i>Scina</i>	Species: <i>inermis</i>	
Authority: Chevreux 1919 Reference No. Chevreux, E. 1919. Revision des Lanceolidae provenant des campagnes de S.A. S . le Prince de Monaco. <i>Bull. Inst. Oceanogr. Monaco, No. 352, pp. 1-17.</i>		
Geographical Location: The northern tropical part of the Atlantic Ocean, and northern tropical and equatorial regions of the Indian Ocean. It is found in catches from depths of 200-500, 500-1,000 m, and in through catches from depths of over 200 m to the surface.		
Latitude:	Place:	
Longitude:	State:	

Environment

Freshwater: Yes/ No

Habitat: Marine

Salinity:

Brackish: Yes/No

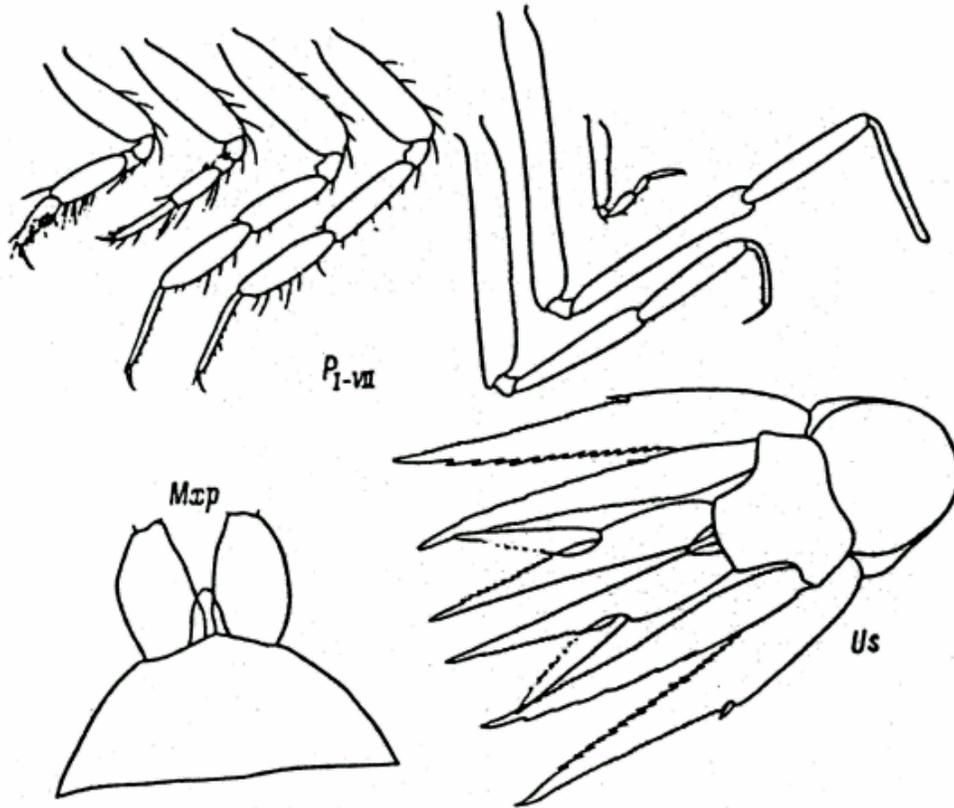
Migrations:

Temperature:

Salt Water: Yes/ No

Depth range :

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



*Scina inermis* Chevreux (after Wagler, 1926)

DATA ENTRY FORM: Form –2 (Fish/ Shell fish/ Others ) Ref. No.:  
 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 body is without keels; the dorsal keels on the head are weakly developed. Antennae I are roughly the same length as the pereon. The protopodite of the maxillipeds is trapezoid, very short and broad at the base; the outer lobes are small, oval, with a blunt tip, and bear two setae; the inner lobes are unarmed and fall slightly short of 1/2 the length of the outer lobes.  
 Pereopods I and II are usual in structure, relatively short and weak; the 2<sup>nd</sup> segment is thin and shorter than in pereopods III and IV. Pereopods III and IV have a broad 2<sup>nd</sup> and very narrow 6<sup>th</sup> segment. The length ratios of the 2<sup>nd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup> segments of pereopods III are roughly 20:10:13:10; in pereopods IV the 4<sup>th</sup> and 5<sup>th</sup> segments are almost equal in length. Pereopods V are only slightly longer than pereopods IV; the ornamentation of the 2<sup>nd</sup> segment is variable: both its margins may be smooth, or only the posterior margin weakly denticulate, or the anterior margin may have fairly large and the posterior margin weaker denticles; the distal process is small, shorter than the 3<sup>rd</sup> segment, or it may be totally absent; the 4<sup>th</sup> and 5<sup>th</sup> segments are roughly equal in length; the 6<sup>th</sup> segment is thin, curved and 1/2 the length of the 5<sup>th</sup> segment; the long, thin claw is 1/3 -1/2 the length of the 6<sup>th</sup> segment. Pereopods VI are considerably longer than pereopods V; the 4<sup>th</sup> segment is 2/3 the length of the 2<sup>nd</sup> and almost 1.5 times longer than the 5<sup>th</sup> or the thin 6<sup>th</sup> segment, the latter two being equal in length; the claw is absent. Pereopods VII are considerably shorter than the 2<sup>nd</sup> segment of pereopods VI and are weak; the 4<sup>th</sup> and 6<sup>th</sup> segments are almost equal in length and each markedly longer than the 5<sup>th</sup> segment; the claw is small, with a broadened base, and an acute tip.  
 In all the uropods the endopodites are longer than the basipodites. In uropods I the

inner margin of the endopodite is finely denticulate and the posterior margin of the uropods is armed with long denticles. In uropods II the inner margin of the endopodite has sparse, barely perceptible denticles; the posterior margin of the uropods has numerous distinct small denticles. In uropods III the inner margin of the exo- and endopodite is denticulate. The telson is triangular; its basal width is very slightly less than its length, and the tip is acute.

Sex attributes: Dimorphic

Male: 1<sup>st</sup> antenna well developed , female: 1<sup>st</sup> 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 about 4 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 relation ships:

Eggs and larvae: Characteristics: Abundance: Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Electrophoresis:	Ref. No.    Ref. No. Ref. No.
<b>SPAWNING INFORMATION:</b> Locality: Season: Fecundity: Comment:	Main Ref:
<b>MAJOR PUBLICATIONS (INDIAN):</b> (Include review articles, monographs, books etc.) <b>LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)</b>  <div style="text-align: center;"> <p>Dr. K.K.C .Nair            Scientist-In-Charge            R.C. of NIO,            Post Box-1616            Kochi – 682 014            Email <a href="mailto:kkcnair@niokochi.org">kkcnair@niokochi.org</a></p> <p>Dr. N. Krishna pillai            “Radhika”            65- Champaka Nagar            Bakery Junction            Trivandrum-695 001</p> </div>	
<b>ACKNOWLEDGMENT:</b> (List of persons who contributed, modified or checked information)	