

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 amphipoda																							
<p>Scientific name & Authority: <i>Lanceola loveni loveni</i> Bovallius, 1885 Common Name (if available):</p> <table border="0"> <thead> <tr> <th>Synonyms:</th> <th>Author(s)</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td><i>Lanceola loveni loveni</i></td> <td>Bovallius,</td> <td>1885 b:6, 1887b:36</td> </tr> <tr> <td><i>Lanceola loveni loveni</i></td> <td>Shoemaker</td> <td>1945a:206</td> </tr> <tr> <td><i>Lanceola loveni loveni</i></td> <td>Vinogradov</td> <td>1957:190, 1960, 205</td> </tr> <tr> <td>-aestiva</td> <td>Stebbing</td> <td>1888:1309</td> </tr> <tr> <td>(part.)</td> <td>Stephensen</td> <td>1918:15</td> </tr> <tr> <td>(part.)</td> <td>Hurley</td> <td>1956:4</td> </tr> </tbody> </table>			Synonyms:	Author(s)	Status	<i>Lanceola loveni loveni</i>	Bovallius,	1885 b:6, 1887b:36	<i>Lanceola loveni loveni</i>	Shoemaker	1945a:206	<i>Lanceola loveni loveni</i>	Vinogradov	1957:190, 1960, 205	-aestiva	Stebbing	1888:1309	(part.)	Stephensen	1918:15	(part.)	Hurley	1956:4
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<p>Classification:</p> <table border="0"> <tr> <td>Phylum: Arthropoda</td> <td>Sub- Phylum</td> <td></td> </tr> <tr> <td>Super class:</td> <td>Class: Crustacea</td> <td>Sub- Class: Malacostraca</td> </tr> <tr> <td>Super Order: Peracarida</td> <td>Order: Amphipoda</td> <td>Sub Order: Hyperiidea</td> </tr> <tr> <td>Super Family: Lanceoloidae</td> <td>Family: Lanceolidae</td> <td>Sub-Family</td> </tr> <tr> <td>Genus <i>Lanceola</i>:</td> <td>Species: <i>loveni loveni</i></td> <td></td> </tr> </table> <p>Authority: Bovallius Reference No.: Bovallius, C. 1885b. On some forgotten genera among the amphipods <i>Crustacea. Kgl. Svenska Vat.-Akad. Handal.</i>, Vol. 10, No. 14, 17 pp.</p>			Phylum: Arthropoda	Sub- Phylum		Super class:	Class: Crustacea	Sub- Class: Malacostraca	Super Order: Peracarida	Order: Amphipoda	Sub Order: Hyperiidea	Super Family: Lanceoloidae	Family: Lanceolidae	Sub-Family	Genus <i>Lanceola</i> :	Species: <i>loveni loveni</i>							
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<p>Geographical Location: Northern, tropical, and southern regions of the Pacific and Atlantic oceans and tropical regions of the Indian Ocean (including the Arabian Sea and Bay of Bengal). The northernmost occurrence has been reported from Davis Strait and the Bering Sea. A deepwater species, known from 500-700 to 3,000- 4, 000m but the maximum records relate to 1,000- 2,000m depths.</p> <table border="0"> <tr> <td>Latitude:</td> <td>Place:</td> </tr> <tr> <td>Longitude:</td> <td>State:</td> </tr> </table>			Latitude:	Place:	Longitude:	State:																	
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Environment

Freshwater: Yes/ No

Brackish: Yes/No

Salt Water: Yes/No

Habitat: Marine

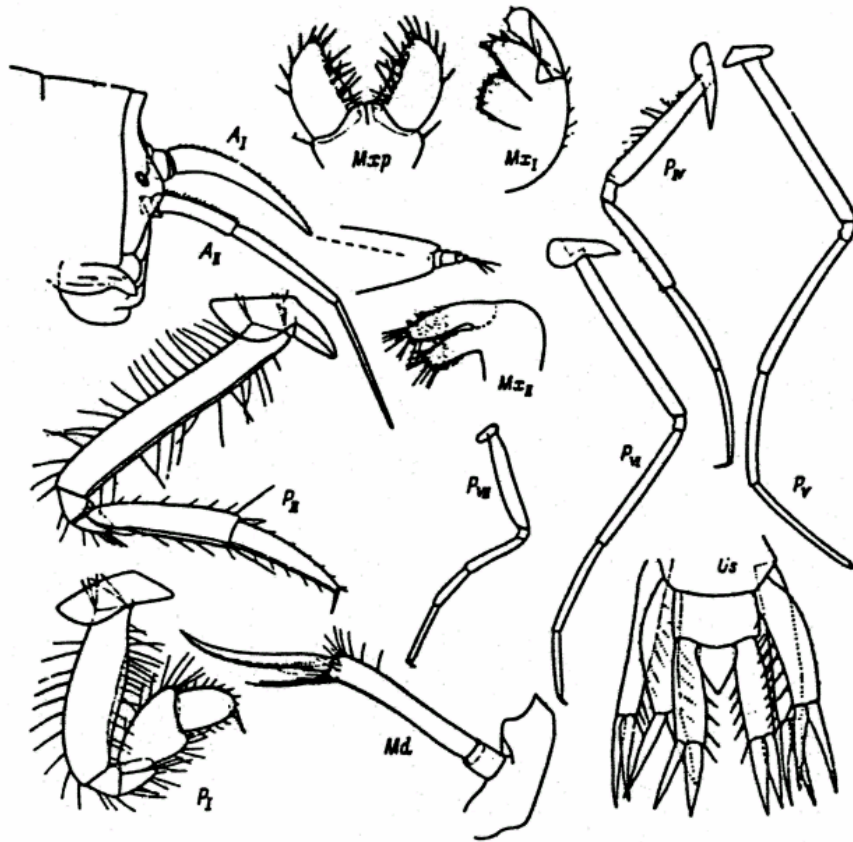
Migrations:

Depth range :

Salinity:

Temperature:

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



Lanceola loveni loveni Bovallius, male (after Shoemaker, 1945a)

<p>DATA ENTRY FORM: Form –2 (Fish/ Shell fish/ Others) Ref. No.:</p> <p>(Please answer only relevant fields; add additional fields if you require)</p> <p>Form- 1 Ref. No.:</p>	
<p>IMPORTANCE</p> <p>Landing statistics (t/y): from to Place: Ref. No.:</p> <p>Main source of landing: Yes/ No Coast: east/ west</p> <p>Importance to fisheries:</p> <p>Main catching method:</p> <p>Used for aquaculture: yes/ never/ rarely</p> <p>Used as bait: yes/no/ occasionally</p> <p>Aquarium fish: yes/ no/ rarely</p> <p>Game fish: yes/ no</p> <p>Dangerous fish: poisonous/ harmful/ harmless</p> <p>Bioactivity: locally known/ reported/ not known Details:</p> <p>Period of availability: Throughout the year – yes/ no If no, months:</p>	
<p>SALIENT FEATURES:</p> <p>Morphological:</p> <p>Diagnostic characteristics:</p> <p> In adults, the low dorsal keel running along the body forms small, barely perceptible denticles on pereon somites III-VII and the somites of the pleon. The structure of the distal part of the 6th segment of pereopods VI is usual but does not form the unique club in whose cleft the retractile claw fits.</p>	
<p>Sex attributes:</p> <p>Dimorphic</p> <p>Male: 1st antenna well developed , female: 1st antenna reduced.</p> <p>Descriptive characters:</p>	

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 individuals varies from 15 to 23mm.

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.
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</p> </div>	
ACKNOWLEDGMENT: (List of persons who contributed, modified or checked information)	