

**NATIONAL BIORESOURCE DEVELOPMENT BOARD**

Dept. of Biotechnology  
Government of India, New Delhi

For office use:
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**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>Lycaea pachypoda</i> (Claus, 1879) Common Name (if available):																	
<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Synonyms:</th> <th style="text-align: left;">Author(s)</th> <th style="text-align: left;">Status</th> </tr> </thead> <tbody> <tr> <td><i>Lycaea pachypoda</i> (<i>Pseudolycaea</i>)</td> <td>Claus</td> <td>1879b: 41, 1887: 64</td> </tr> <tr> <td><i>Lycaea pachypoda</i> (<i>Pseudolycaea</i>)</td> <td>Stephensen</td> <td>1925a: 169</td> </tr> <tr> <td><i>Lycaea pachypoda</i> (<i>Pseudolycaea</i>)</td> <td>Chevreur &amp; Fage</td> <td>1925: 430</td> </tr> <tr> <td><i>Lycaea pachypoda</i> (<i>Pseudolycaea</i>)</td> <td>Spandl</td> <td>1927: 215</td> </tr> </tbody> </table>			Synonyms:	Author(s)	Status	<i>Lycaea pachypoda</i> ( <i>Pseudolycaea</i> )	Claus	1879b: 41, 1887: 64	<i>Lycaea pachypoda</i> ( <i>Pseudolycaea</i> )	Stephensen	1925a: 169	<i>Lycaea pachypoda</i> ( <i>Pseudolycaea</i> )	Chevreur & Fage	1925: 430	<i>Lycaea pachypoda</i> ( <i>Pseudolycaea</i> )	Spandl	1927: 215
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Authority: (Claus, 1879) Reference No: Claus, C.1879b. Die Gattungen und Arten der Platyscelida in systematischen Übersicht. <i>Arb. Zool. Inst. Wien</i> , vol. 2, pp. 5-43, 147-198.																	
Geographical Location: Known from the Atlantic (tropical zone), Indian (region of Zanzibar), and Pacific (eastern part north of 20° S, north of New Zealand ) oceans, and the Mediterranean Sea. It inhabits the upper warmed water layers. Latitude: _____ Place: _____ Longitude: _____ State: _____																	

Environment

Freshwater: Yes/ No

Habitat: Marine

Salinity:

Brackish: Yes/No

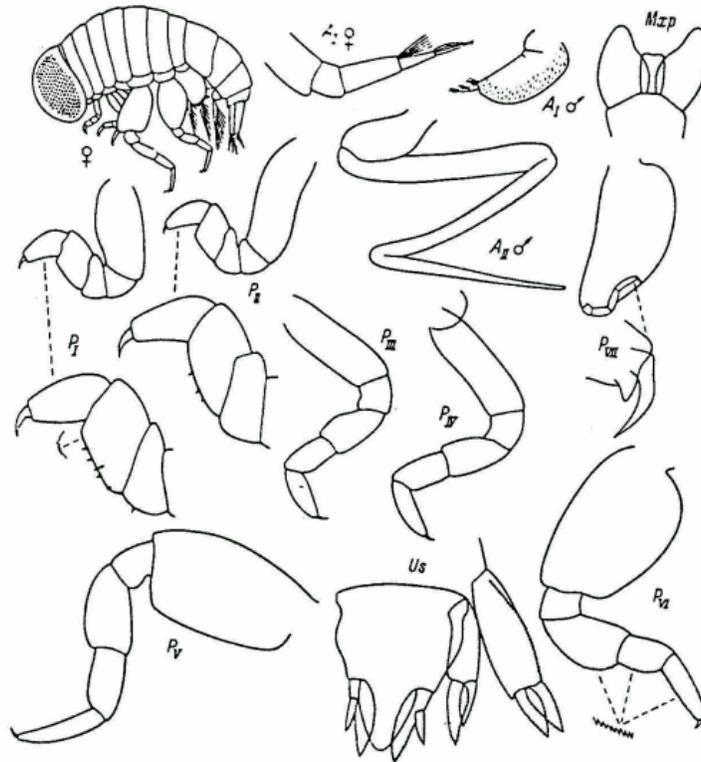
Migrations:

Temperature:

Salt Water: Yes/ No

Depth range :

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



*Lycaea pachypoda* (Claus)

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.:	
<b>IMPORTANCE</b> 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:	
<b>SALIENT FEATURES:</b> Morphological: Diagnostic characteristics:    The head is anteriorly rounded, its height more than its length by 1.3 times in males and 1.5-1.7 times in females. The subchelae of pereopods I and II are not well developed. The 2 <sup>nd</sup> segment of pereopods II is longer; the distal segments are identical in structure; the 4 <sup>th</sup> segment is twice broader than long; the 5 <sup>th</sup> segment is somewhat narrower than the 4 <sup>th</sup> , its width more than the length of its anterior margin, its posterior distal angle has a blunt tip that does not reach 1/3 the length of the 6 <sup>th</sup> segment, and the posterior margin is denticulate in the distal part but armed throughout its length with sparse marginal and submarginal spines; the margins of the subchela are smooth; the claw is short. The 2 <sup>nd</sup> segment of pereopods V is broad but not oval and its margins slightly bulged; the 4 <sup>th</sup> segment is the broadest of the distal segments the e5th shorter, and the 6 <sup>th</sup> equal in length to the 4 <sup>th</sup> ; the 5 <sup>th</sup> and 6 <sup>th</sup> segments have a smooth anterior margin. The 2 <sup>nd</sup> segment of pereopods VI is not longer than in pereopods V but slightly broader in the proximal part; the 4 <sup>th</sup> segment is broad, especially in the distal part; the 5 <sup>th</sup> and 6 <sup>th</sup> segments are denticulate all along the anterior margin, the 4 <sup>th</sup> only in the distal part; the claw is very small. The 2 <sup>nd</sup> segment of pereopods VII is distally narrowed, its anterior margin straight, and the posterior margin bulged; the distal segments together are half the length of the 2 <sup>nd</sup> segment. The last urosomite is much wider than long. Urosomites II and III are fused and lateral furrows occur at the place of fusion. In urosomite III the lateral margins are bulged. The basipodite of uropods I is straight and twice as long as the rami. The basipodite of uropods II is denticulate in the distal part of the posterior margin; the endopodite is longer than the exopodite but slightly shorter than the basipodite. The endopodite of uropods III is twice as long as the exopodite. The telson is approximately 2/3 the length of the last urosomite, triangular, with a rounded tip, and slightly longer than its width at the base.	
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 7 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="margin-left: 40px;"> <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)	