

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 amphipoda		
Scientific name & Authority: <i>Lanceola clausi pirloti</i> Shoemaker, 1945 Common Name (if available):		
Synonyms:	Author(s)	Status
<i>Lanceola clausi pirloti</i>	Shoemaker	1945a:212
(pro sp.)	Vinogradov	1964: 112
Classification:		
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>clausi pirloti</i>	
Authority: <i>Shoemaker</i>		
Reference No.: Shoemaker, C. R. 1945 a. The Amphipoda of the Bermuda Oceanographic Expeditions 1929-1931. <i>Zoologica</i> , vol.30 (pt.4), No. 17, pp. 185-266.		
Geographical Location: Tropical regions of the Atlantic, India, and Pacific Oceans. Possibly circumtropical in distribution. It has been found in catches from depths of 1,900-4,500m (Indian Ocean) and in through catches from depths of several thousand meters to the surface.		
Latitude:	Place:	
Longitude:	State:	

Environment

Freshwater: Yes/ No

Habitat: Marine

Salinity:

Brackish: Yes/No

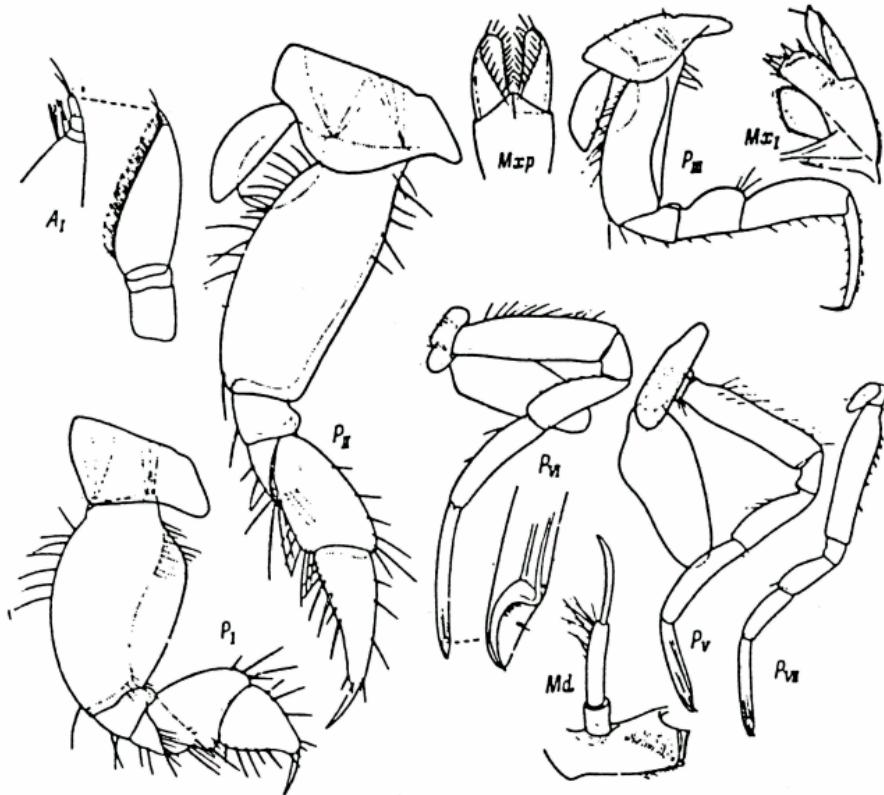
Migrations:

Temperature:

Salt Water: Yes✓/ No

Depth range :

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



Lanceola clausi pirloti Shoemaker, female
(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><i>L. clausi priloti</i> basically differs from the typical form in that the 2nd segment of pereopods I is highly broadened, pereopods III-IV are stronger, and pereopods VI are relatively longer.</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: Based on the differences noted above, Shoemaker (1945a) identified *L. pirloti* as an independent species, but a review of abundant material revealed that these difference are variably expressed or only some discernible. Thus individual specimens could actually be included with certitude under *L. pirloti* while others occupy an intermediate position between *L. pirloti* and *L. clausi*. The wide variability of *L. clausi* reveals variation in several features, including those that served as the basis for identification of an independent species, *L. pirloti*, by Shoemaker. Evidently, there is no adequate justification for such an identification and *L. pirloti* should be considered a subspecies of the highly variable *L. clausi*.

Size and age:

Maximum length (cm) (male/ female/ unsexed)

Ref. No.:

Sexually mature specimens 12-16 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.
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)	