

**NATIONAL BIORESOURCE DEVELOPMENT BOARD**

Dept. of Biotechnology  
Government of India, New Delhi

For office use:

**MARINE BIORESOURCES**

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

Fauna: <input checked="" type="checkbox"/>	Flora
Microorganisms	
General Category: Invertebrata (Zooplankton), Copepods	
Scientific name & Authority: <i>Lucicutia bicornuta</i> Wolfenden, 1905 Common Name (if available):	
Synonyms:	Author(s) Status
<i>Lucicutia bicornuta</i>	A. Scott 1909
<i>Lucicutia aurita</i>	Sars 1905
Classification:	
Phylum: Arthropoda	Sub-Phylum:
Super class:	Class: Crustacea
	Sub- Class: Copepoda (Milne-Edwards,1840)
Super Order: Gymnoplea	Order: Calanoida(Sars1903)
Super Family:	Family: Lucicutidae Sub-Family
Genus: <i>Lucicutia</i>	Species: <i>bicornuta</i>
Authority: Wolfenden	
Reference No.:	
Wolfenden, R.N., 1905. Notes on the collection of Copepoda.Pp.989-1040 in <i>Stanley Gardiner , J.S.(ed.) " The Fauna and Geography of the Maldive and Laccadive Archipelagoes". University Press, Cambridge. 1079p.</i>	
Geographical Location:	
Recorded from the Atlantic Ocean, Malay Archipelago, Arabian Sea, Indian Ocean, Antarctic and far eastern seas of the U.S.S.R.	
Latitude:	Place:
Longitude:	State:

Environment

Freshwater: Yes/ No

Brackish: Yes/No

Salt Water: Yes

Habitat:

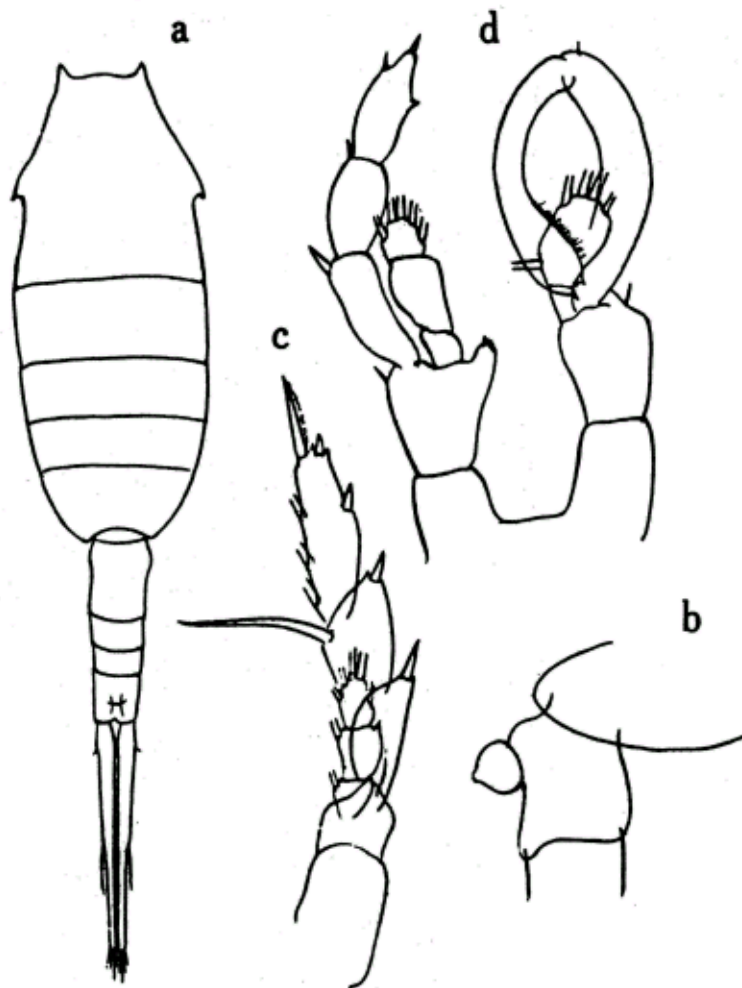
Migrations:

Depth range : 1500-0 m

Salinity:

Temperature:

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



*Lucicutia bicornuta*

Female: a – dorsal view; b – lateral view of genital segment; c – 5<sup>th</sup> leg.  
Male: d – 5<sup>th</sup> pair of legs.

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.:

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:

Female: Cephalothorax, 3.95mm; urosome, 3.56mm. The frontal margin of the prosome is furnished with 2 spines; the lateral margin of the prosome is furnished with a hook on each side. The genital segment has beside a genital protuberance, a moderately large tubercle near the posterior margin of the ventral surface. The furcal rami 22 times as long as it is wide at the distal or 11 times as it is wide at the proximal.

The first antenna exceeds the end of the furca by last 2 segments. The mouthparts and swimming legs as described and figured by Wolfenden or by Sars.

Male: The cephalothorax as long as the abdomen. The grasping antenna reaches back to the end of the furca. The 5<sup>th</sup> pair of legs as figured by Wolfenden.

Sex attributes:

Descriptive characters:

Meristic characteristics:

Feeding habit:

Main food:

Feeding type:

Additional remarks:

Size and age:

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

Female: 7.51mm

Male : 7mm

Ref. No.:

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: Ref. No. Characteristics: Abundance: Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash No.	Ref.      Ref.
SPAWNING INFORMATION: Locality:. Ref: Season: Fecundity: Comment:	Main
MAJOR PUBLICATIONS (INDIAN): (Include review articles, monographs, books etc.)  LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)  ACKNOWLEDGEMENT: (List of persons who contributed, modified or checked information)	