

**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), Copepoda		
Scientific name & Authority : <i>Aetideopsis rostrata</i> Sars, 1903		
Common Name ( if available) :		
Synonyms:	Author(s)	Status
Classification:		
Phylum: Arthropoda	Sub- Phylum	
Super Class :	Class : Crustacea	Sub- Class: Copepoda (Milne-Edwards,1840)
Super Order: Gymnoplea	Order: Calanoida (Sars1903)	Sub Order :
Super Family:	Family : Aetideidae	Sub-Family:
Genus : <i>Aetideopsis</i>	Species : <i>rostrata</i>	
Authority: Sars		
Reference No.:		
Sars, G.O. 1903. Copepoda: Calanoidea. <i>In</i> : "An Account of the Crustacea of Norway". Vol. IV. Bergen Museum, Bergen.		
Geographical Location:		
Arctic Ocean, North Pacific, Atlantic, Pacific Ocean and Malayan Archipelago.		
Latitude: 25°N to 30°S	Place: Indian Ocean	
Longitude: 20°E to 120°E	State:	

Environment

Fresh water: Yes/ No

Habitat : Marine

Salinity : >35‰

Brackish : Yes/ No

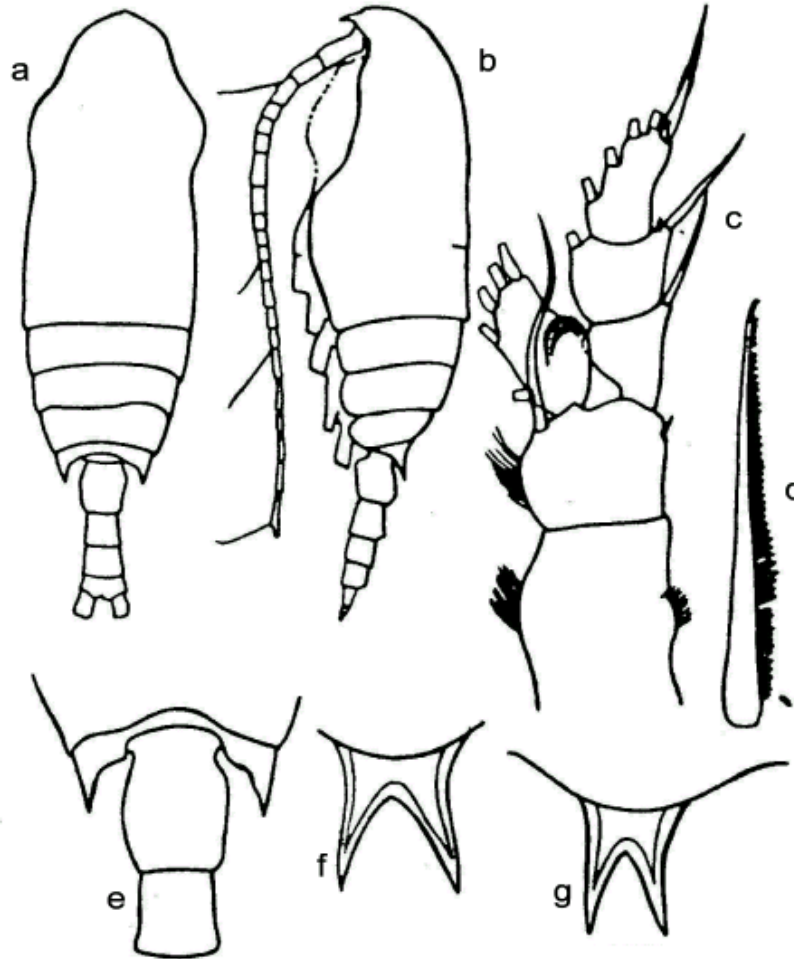
Migrations :

Temperature : <15°C

Salt water : Yes✓ / No

Depth range : Bathypelagic

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



*Aetideopsis rostrata* (After Brodskii, 1950)

Female: a – dorsal view; b – lateral view; c – leg 1; d – apical spine of leg 3;  
e – genital segment; f & g – rostrum.

<p>DATA ENTRY FORM: Form- 2(Fish / shellfish / 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>Female: Cephalothorax widened anteriorly, with gentle swellings at site of widening. Prosome low, somewhat triangular, not fused with pediger. Boundary between 4<sup>th</sup> and 5<sup>th</sup> pedigerous segments sometimes visible only at edges of carapace. Spines of terminal pedigerous segmentslightly dorsal, reaching middle of genital segment. Urosome 2/7 length of cephalothorax, genital segment slightly shorter than both following segments combined. Rosatral branches long, divergent. Antennules reaching to middle of second or third abdominal segments. Antennal exopodite longer than endopodite by 1/6 its length. Apical spines of swimming legs with long serration, denticles somewhat discrete. Outer spine of proximal joint of exopodite of 1<sup>st</sup> pair of legs not reaching middle of following spine.</p>	
<p>Sex attributes:</p> <p>Descriptive characters:</p>	

Meristic characteristics:

Feeding habit:

Main food :

Feeding type :

Additional remarks:

Size and age:

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

Female: 4.0-4.4 mm

Ref. No.:

Brodskii, 1950

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 relationships:

Eggs and larvae:	Ref. No.:
Characteristics:	
Abundance:	
Biochemical aspects:	
Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash	Ref. No.
Electrophoresis:	Ref. No.
<b>SPAWNING INFORMATION:</b>	
Locality:	Main Ref:
Season:	
Fecundity:	
Comment:	
<b>MAJOR PUBLICATIONS (INDIAN):</b> (include review articles, monographs, books etc.)	
Madhupratap, M. and P. Haridas, 1986. Epipelagic calanoid copepods of the Northern Indian Ocean. <i>OCEANOLOGICA ACTA</i> , <b>9</b> (2): 105-117.	
<b>LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)</b>	
<p>Dr. P.Haridas  Scientist  National Institute Of Oceanography  Regional Centre, Kochi – 682 014  Phone – 2390814.  E <a href="mailto:mail-hari@niokochi.org">mail-hari@niokochi.org</a></p>	
<p>Dr. M.Madhupratap  Scientist  BOD, National Institute of Oceanography  Dona Paula, Goa-403 004.  Phone – 2221322  E mail- <a href="mailto:madhu@csnio.ren.nic.in">madhu@csnio.ren.nic.in</a></p>	
<b>ACKNOWLEDGEMENT:</b> (List of persons who contributed, modified or checked information)	