

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>Pseudochirella obtusa</i> Sars, 1905. 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>Pseudochirella</i>	Species : <i>obtusa</i>	
Authority: Sars Reference No.: Sars, G.O., 1905. Liste preliminaire des Calanoides recueillis pendant les campagnes de S.A.S. le Prince Albert de Monaco, Avec diagnoses des genres et des especes nouvelles, Part I. <i>Bull. Mus. Oceanogr., Monaco</i> , No. 26 .		
Geographical Location: Recorded from deep waters of Atlantic and Indian Oceans, Malay Archipelago and Pacific Oceans.		
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

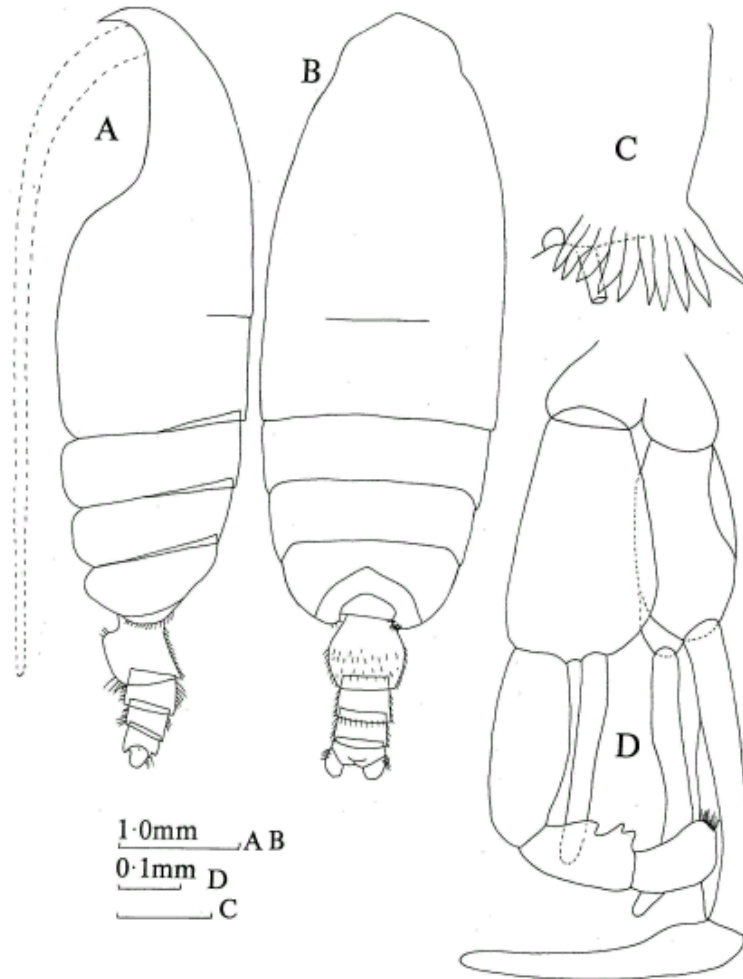
Migrations :

Temperature : <15°C

Salt water : Yes✓ / No

Depth range : Bathypelagic

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



Pseudochirella obtusa (After Bradford and Jillett, 1980)

Female: A – lateral view; B – dorsal view; C – inner edge of basipod 1 of leg 4.

Male: D – leg 5.

DATA ENTRY FORM: Form- 2(Fish / shellfish / 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: Prosome and pedigerous segment 1 indistinctly separate. Pedigerous segment 4 and 5 separate. Posterolateral metasomal borders rounded. Urosome 1/3 length of metasome. Urosomal segments very hairy, genital segment symmetrical. Antenna 2 endopods 2/3 length of exopod. Maxilla 1 endopod with 16 setae. Basipod 1 of leg 4 with 8-13 strong teeth on posterior surface. Male: Posterior metasomal bordeer rounded and without spines, pedigerous segments 4 and 5 separate. Leg 5 like that of <i>P. notacantha</i> , but differs in proportional lengths and shapes of various joints, both basipod 2 distal borders level.	
Sex attributes: Descriptive characters:	

Meristic characteristics:

Feeding habit:

Main food :

Feeding type :

Additional remarks:

Size and age:

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

Female: 5.25-6.45 mm

Male : 4.8 mm

Ref. No.:

Bradford and Jillett, 1980

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.
SPAWNING INFORMATION:	
Locality:	Main Ref:
Season:	
Fecundity:	
Comment:	
MAJOR PUBLICATIONS (INDIAN): (include review articles, monographs, books etc.)	
Madhupratap, M. and P. Haridas, 1986. Epipelagic calanoid copepods of the Northern Indian Ocean. <i>OCEANOLOGICA ACTA</i> , 9 (2): 105-117.	
LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)	
<p>Dr. P.Haridas Scientist National Institute Of Oceanography Regional Centre, Kochi – 682 014 Phone – 2390814. E mail-hari@niokochi.org</p>	
<p>Dr. M.Madhupratap Scientist BOD, National Institute of Oceanography Dona Paula, Goa-403 004. Phone – 2221322 E mail- madhu@csnio.ren.nic.in</p>	
ACKNOWLEDGEMENT: (List of persons who contributed, modified or checked information)	