

Environment

Fresh water: Yes/ No

Habitat : Marine

Salinity : >35‰

Brackish : Yes/ No

Migrations :

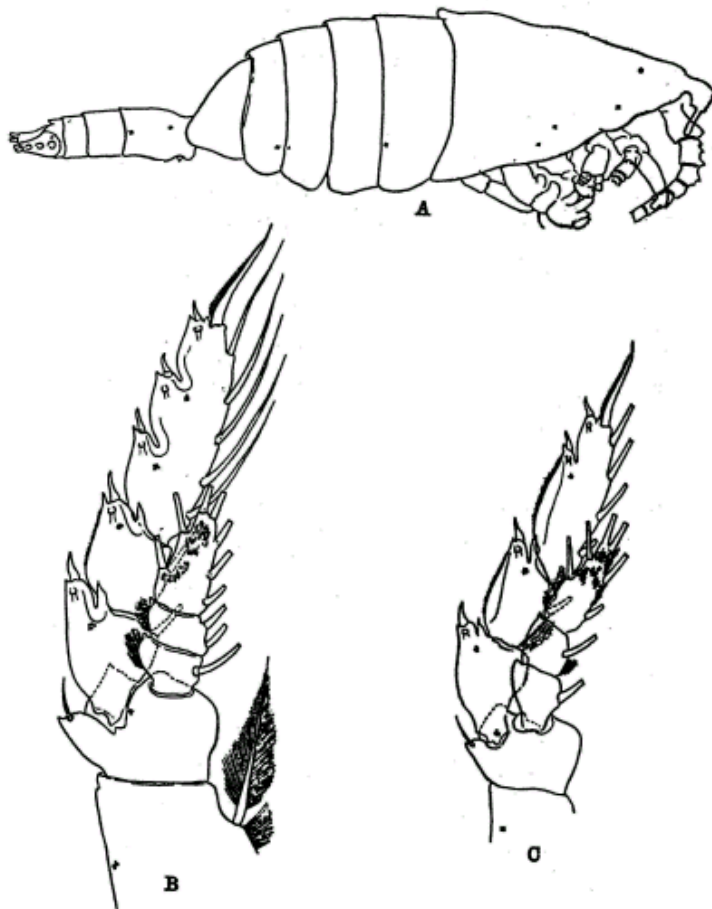
Temperature :

Salt water : Yes/ No

Depth range : 2500-0 m

Bathypelagic

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



*Bathycalanus bradyi* (After Sewell , 1947)  
Female: A – lateral view, B – 4<sup>th</sup> leg, C – 5<sup>th</sup> leg.

<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</p>		<p>to</p>	
<p>Main source of landing: Yes/ No</p>		<p>Place : Ref . No.:</p>	
<p>Importance to fisheries:</p>		<p>Coast: east/ west</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</p>		<p>Details:</p>	
<p>Period of availability : Throughout the year – yes/ no</p>		<p>If no, months:</p>	
<p>SALIENT FEATURES :</p>			
<p>Morphological:</p>			
<p>Diagnostic characteristics:</p> <p>The proportion lengths of the cephalothorax and abdomen are as 76 to 24. The prosome is markedly tapered anteriorly and at the extreme anterior end is produced in a pair of short horns, immediately below, which is a pair of small sensory hairs. On the posterior margin in the mid – dorsal line the cephalon is produced in a bluntly rounded eminence. The rostral processes are sausage – like. The five pedigerous segments are separate and the posterior thoracic margin is rounded.</p> <p>The abdomen is composed of four separate segments, of which the posterior or anal segment is very short. A single macula is seen in the ventro-lateral region of the 1<sup>st</sup> and 3<sup>rd</sup> thoracic segments close to the posterior margin. The genital segment of the abdomen possesses a pair of maculae, the anterior in line with the genital orifice and the posterior near the hinder margin. A single macula is also seen on the furcal ramus just above the articulation of the outermost seta.</p> <p>In the 1<sup>st</sup> swimming leg the exopod is clearly divided into three segments. In the 2<sup>nd</sup> to 4<sup>th</sup> pair of legs both rami are composed of three segments, and the 3<sup>rd</sup> segment of the exopod bears 3 marginal spines. The distal segment of the endopod is thickly clad hairs. In the 5<sup>th</sup> leg the rami are also composed of 3 segments.</p>			
<p>Sex attributes:</p>			
<p>Descriptive characters:</p>			

Meristic characteristics:

Feeding habit:

Main food :

Feeding type :

Additional remarks:

Sars claims that this form is identical with that described by him under the name *Bathycalanus richardi*. Sewell has recorded the occurrence of Sars species from the Bay of Bengal, these individuals showing the characteristic fusion of 2<sup>nd</sup> and 3<sup>rd</sup> segments in the exopod of the 1<sup>st</sup> leg in the female. Since this difference appears to be constant it seems best to regard the two forms as separate, though very closely related species.

Size and age:

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

Female : 11.93 mm.

Ref. No.:

Sewell, 1947

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: Characteristics: Abundance:	Ref. No.:
Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Electrophoresis:	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.) Sewell, R.B.S., 1948. The Free swimming Planktonic Copepoda. Systematic Account. <i>The John Murray Expedition 1933-1934</i> , Scientific Reports. Vol.VIII, No.3.	
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<b>ACKNOWLEDGEMENT:</b> (List of persons who contributed, modified or checked information)	

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**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>Bathycalanus bradyi</i> (Wolfenden), 1905 Common Name ( if available) :		
Synonyms:	Author(s)	Status
<i>Megacalanus bradyi</i>	Wolfenden	1905
<i>Bathycalanus maximus</i>	Wolfenden	1911
Classification:		
Phylum: Arthropoda	Sub- Phylum	
Super Class :	Class : Crustacea	Sub- Class: Copepoda (Milne-Edwards,1840)
Super Order: Gymnoplea	Order: Order: Calanoida (Sars1903)	Sub Order :
Super Family:	Family : Megacalanidae	Sub-Family:
Genus : <i>Bathycalanus</i>	Species : <i>bradyi</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 Maldives and Laccadive Archipelagoes”</i> . <i>University Press, Cambridge</i> . 1079 p.		
Geographical Location: Gulf of Oman.		
Latitude:	Place:	
Longitude:	State:	

