

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>Metridia princeps</i> Giesbrecht, 1892 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 Sub Order : (Sars1903) Super Family: Family : Metridiidae Sub-Family: Genus : <i>Metridia</i> Species : <i>princeps</i> Authority: Giesbrecht Reference No. Giesbrecht. W., 1892. Systematik und Faunistik der pelagischen Copepoden des Golfes von Neapel. <i>Fauna Flora Gulf Neapel</i> , XIX: Berline		
Geographical Location: North and temperate Atlantic, Gulf of Gascony, Malayan Archipelago, Antarctic, Pacific Ocean. Latitude: 3° S Place: Indian Ocean Longitude: 99° W State:		

Environment

Fresh water: Yes/ No

Habitat : Marine

Salinity :

Brackish : Yes/ No

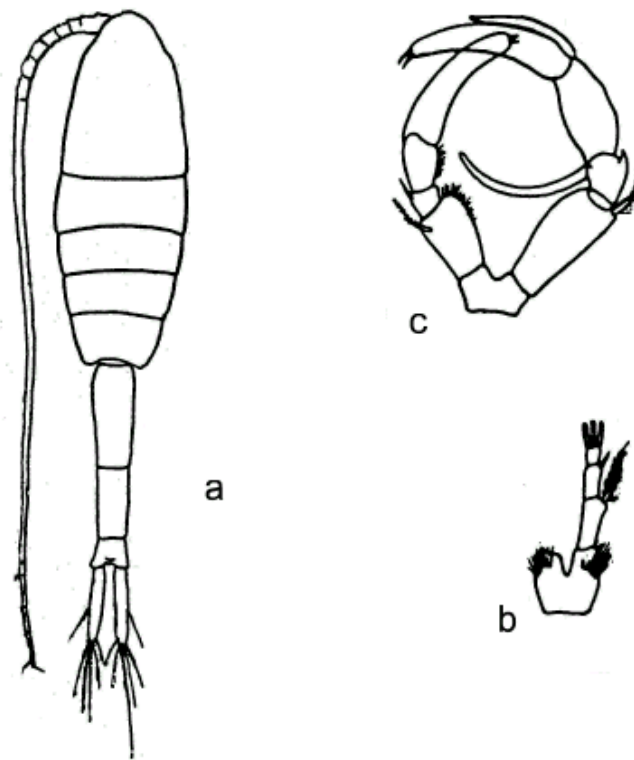
Migrations :

Temperature :

Salt water : Yes✓ / No

Depth range :

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



Metridia princeps

After Farran, 1948 (Fig. a); and after Brodskii, 1950 (Figs. b & c)

a – female dorsal view; b - female leg 5; c – male 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: Rostrum in form of bifurcate plate bearing two hairy filaments of moderate length. Terminal thoracic segment with very short round posterior corners. Abdomen long, nearly long as cephalothorax. Anal segment wide, with projecting corners. Genital segment exceeding combined length of next two segments. Anal segment half as long as the preceding segment. Caudal rami twice the length of the anal segment and more than five times longer than wide. Antennules exceeding body length. Proximal joint of endopodite of 2 nd pair of legs bearing large denticles. Fifth pair of legs 4- jointed (with 3 free joints); outer side of proximal joint bearing bundle of long bristles; distal joint with three pinnate bristles of almost equal length; preceding joint with spine on distal margin. Male: Left 1 st antenna geniculate. Right leg of 5 th pair 4-jointed; second joint with long gently curved inner process; distal joint bearing parallel plate separate from the joint. Left leg shorter; second joint without spines on inner side, two distal joints fused.	
Sex attributes: Descriptive characters:	

Meristic characteristics:

Feeding habit:

Main food :

Feeding type :

Additional remarks:

Size and age:

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

Female: 8.1-8.5 mm.

Male : 7.8 mm.

Ref. No.:

K.A. 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: Characteristics: Abundance:	Ref. No.:
Biochemical aspects: Proximate analysis: moisture/ fat/ protein/ carbohydrate/ash Electrophoresis:	Ref. No. Ref. No.
SPAWNING INFORMATION:	
Locality: Season: Fecundity: Comment:	Main Ref:
MAJOR PUBLICATIONS (INDIAN): (include review articles, monographs, books etc.)	
Sewell, R.B.S., 1947. The Free swimming Planktonic Copepoda. Systematic Account. <i>The John Murray Expedition 1933-1934</i> , Scientific Reports. Vol.VIII, No.1.	
Madhupratap, M. and P. Haridas, 1986. Epipelagic calanoid copepods of the Northern Indian Ocean. <i>OCEANOLOGICA ACTA</i> , 9 (2): 105-117.	
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