

NATIONAL BIORESOURCE DEVELOPMENT BOARD

Dept. of Biotechnology
Government of India, New Delhi

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| For office use: |
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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>Gaidius pungens</i> Giesbrecht, 1895 Common Name (if available) : | | |
| Synonyms: | Author(s) | Status |
| <i>Chiridius tenuispinus</i> | Sars | 1900 |
| 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>Gaidius</i> | Species : <i>pungens</i> | |
| Authority: Giesbrecht Reference No.: Giesbrecht, W., 1895. "Die pelagischen copepoden". Reports on the Dredging operations off the coast of central America to the Galapagos, to the west coast of Mexico and in the Gulf of California by " Albatross" during 1881. <i>Bull. Mus. Comp. Zool.</i> Harvard College, XXV (12). | | |
| Geographical Location: Atlantic, Antarctic, Pacific and Indian Ocean. | | |
| 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

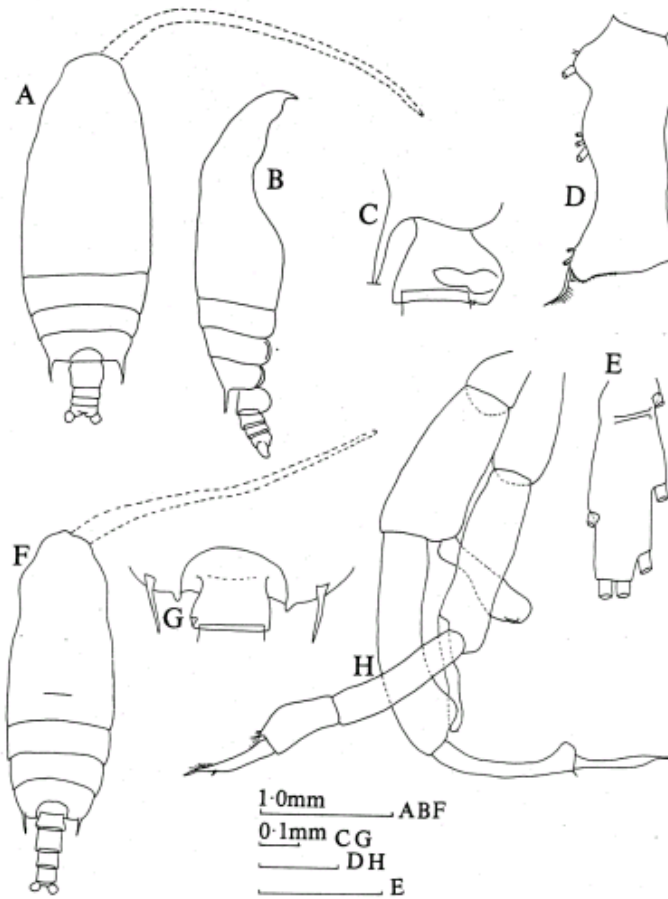
Migrations :

Temperature : < 20°C

Salt water : Yes✓ / No

Depth range : Mesopelagic

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



Gaidius pungens (After Bradford, 1980)

Female: A – dorsal view; B – lateral view; C – lateral view of genital segment;

D – basipod 1 of maxilliped; E – endopod of leg 2.

Male: F – dorsal view; G – dorsal view of posterior of metasome and genital segment; H – leg 5.

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| <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: Terminal pedigerous segment with long spines reaching to end of genital segment. Antennules reaching distal edge of second abdominal segment. Exopodite of 1st pair of legs with partially separated first and second joints.</p> <p>Male: Antennules slightly longer than cephalothorax. Left endopodite of 5th pair long, ending just before distal edge of first joint of exopodite of same leg.</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: 3.5-3.8 mm

Male : 2.0 mm

Ref. No.:

Bradford, 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.) | |
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