

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>Aetideus giesbrechti</i> Cleve, 1904 Common Name (if available): | | |
| Synonyms: Author(s) Status | | |
| <i>Aetideus armatus</i> Giesbrecht 1892 | | |
| <i>Aetideus giesbrechti</i> A.Scott 1909 | | |
| <i>Euaetideus giesbrechti</i> G.O.Sars 1925 | | |
| <i>Aetideus giesbrechti</i> Farran 1926 | | |
| Classification: | | |
| Phylum: Arthropoda Sub- Phylum | | |
| Super class: Class: Crustacea | | |
| Sub- Class: Copepoda (Milne-Edwards1840) | | |
| Super Order: Gymnoplea Order: Calanoida (Sars1903) | | |
| Super Family : Family: Aetideidae | | |
| Sub-Family | | |
| Genus: <i>Aetideus</i> Species: <i>giesbrechti</i> | | |
| Authority: Cleve | | |
| Reference No.: | | |
| Cleve, P.T. 1904. The plankton of the South African seas.I.Copepoda. <i>Marine Investigations South Africa</i> 3: 177-210, pls. 1-6. | | |
| Geographical Location: | | |
| Tropical and sub tropical waters in all oceans (cosmopolitan). | | |
| Latitude: 25° N-40°S Place: Indian Ocean. | | |
| Longitude: 20°E-120°E State: | | |

Environment

Freshwater: Yes/ No

Habitat: Marine

Salinity: >35‰

Brackish: Yes/No

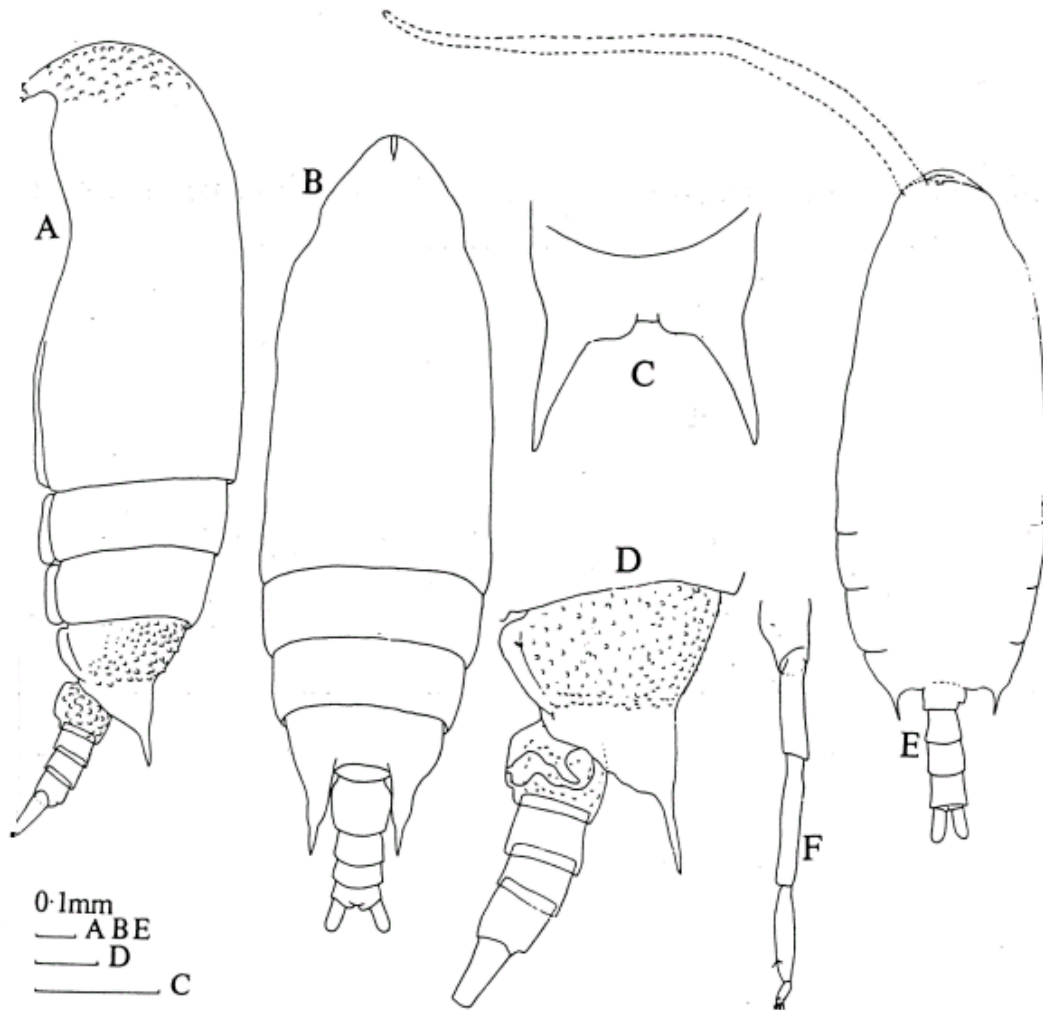
Migrations:

Temperature:

Salt Water: Yes

Depth range : 200-0 m

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



Aetideus giesbrechti (After Bradford & Jillet, 1980)

Female: A – lateral view, B – dorsal view, C – rostrum, D – lateral view of urosome

Male: E – ventral view, F – leg 5

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|---|
| <p>DATA ENTRY FORM: Form –2 (Fish/ Shell fish/ Others) Ref. No.:</p> <p>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: Rostrum represented by large plate not divided to its base, with two thickenings at base of excavation between rostral points. Anterior integument and pedigerous segments 4 and 5 covered with conspicuous chitinous thickenings. Posterior metasomal border extended into large wings reaching at least posterior border of urosomal segment 2. Antenna 1 extends just beyond anal segment.</p> <p>Male: Rostrum replaced by two knob- like thickenings. Posterior metasomal points extend beyond urosomal segment 1. Urosomal segments 2-4 and caudal rami with width: length ratios 1:0.93-0.95, 1:0.85-0.86, 1:0.88-0.89, and 1:2.27-2.38 respectively. Leg 5 joint 3 relatively short and thick, length less than 6.4 times width (Bradford 1971 a, Park 1974).</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: 1.80-2.20 mm.

Male : 1.52-1.70 mm.

Ref. No.:

Bradford & Jillet, 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 relation ships:

| | |
|--|-----------|
| 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: | |
| <p>MAJOR PUBLICATIONS (INDIAN): (Include review articles, monographs, books etc.)</p> <p>Madhupratap, M.and P. Haridas, 1986. Epipelagic calanoid copepods of the Northern Indian Ocean. <i>OCEANOLOGICA ACTA</i> Vol. 9, No.2.</p> <p>LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)</p> <p>Dr. Rosamma Stephen Scientist, National Institute of Oceanography Regional Centre, Kochi – 682 014 Phone: 390814, Res – 203087 Email rosa@niokochi.org</p> <p>Dr. M.Madhupratap Scientist BOD, National Institute of Oceanography Dona Paula, Goa-403 004. Phone – 221322 E mail- madhu@csnio.ren.nic.in</p> <p>Dr. P.Haridas Scientist National Institute Of Oceanography Regional Centre, Kochi – 682 014 Phone – 390814. E mail-hari@niokochi.org</p> <p>ACKNOWLEDGEMENT: (List of persons who contributed, modified or checked information)</p> | |