

**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>Gaetanus minor</i> Farran 1905 Common Name (if available): Synonyms: Author(s) Status <i>Gaetanus minor</i> Farran 1905		
Classification: Phylum: Arthropoda Sub- Phylum Super class: Class: Crustacea Super Order: Gymnoplea Sub- Class: Copepoda (Milne-Edwards 1840) Super Family : Order: Calanoida (Sars 1903) Family: Aetideidae Sub-Family Genus: <i>Gaetanus</i> Species: <i>minor</i> Authority: Farran Reference No.: Farran, G.P. 1905. Report on the Copepoda of the Atlantic Slope off Counties Mayo and Galway. <i>Scientific Investigations of the Fisheries Branch, Ireland 2</i> (2).		
Geographical Location: Sub tropical and tropical Atlantic, Indian and Pacific 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

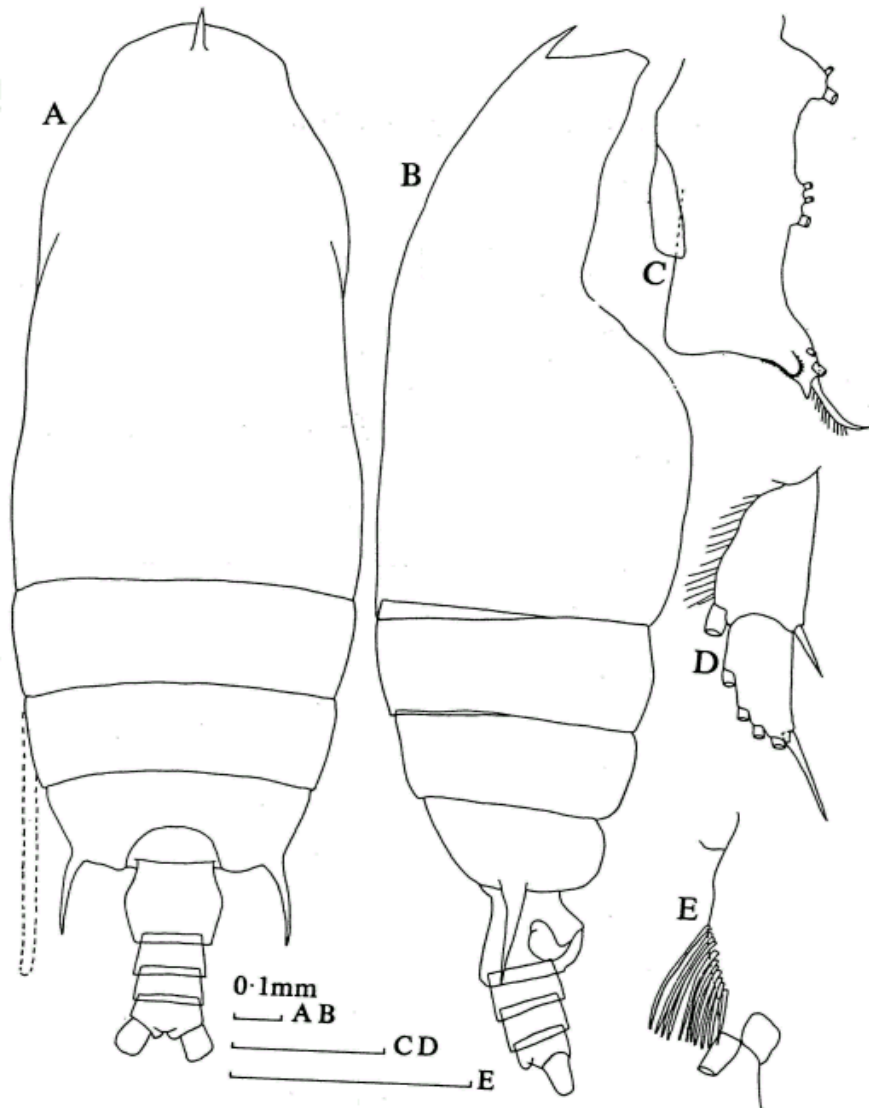
Migrations:

Temperature:

Salt Water: Yes

Depth range : 0-1000 m

Picture (scanned images or photographs of adult/larvalstages)



*Gaetanus minor* (After Bradford & Jillet, 1980)

Female: A-dorsal view, B-lateral view, C-basipod 1 of maxilliped, D-exopod of leg 1, E-inner edge of basipod 1 of leg 4

DATA ENTRY FORM: Form –2 (Fish/ Shell fish/ 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: Body small; cephalic spine small, curved ventrally. Spines on posterolateral metasomal borders fine, pointing straight posteriorly, reaching almost to posterior margin of genital segment. Urosome one-quarter length of mettasome. Antenna 1 slightly longer than metasome. Basipod 1 of maxilliped with distinct, broadly based lamella. Exopod of leg 1 two-jointed with two spines on outer edge. Basipod 1 of leg 4 with row of about 11 fine bristles.

Sex attributes:  
 Descriptive characters:

Meristic characteristics:

Feeding habit:

Main food:

Feeding type:

Additional remarks:

Generally the posterior metasomal points diverge slightly in south –west Pacific specimens, but in some specimens these points were directed straight posteriorly. Legs 1 and 4 are always characteristic of *G. minor*.

Size and age:

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

Female: 1.7-2.4 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.
<b>SPAWNING INFORMATION:</b>	
Locality:.	Main Ref:
Season:	
Fecundity:	
Comment:	
<p><b>MAJOR PUBLICATIONS (INDIAN):</b>  (Include review articles, monographs, books etc.)  Madhupratap, M.and P. Haridas, 1986. Epipelagic calanoid copepods of the Northern Indian Ocean. <i>OCEANOLOGICA ACTA</i> Vol. 9, No.2.</p> <p><b>LIST OF INDIAN EXPERTS (Name, address, phone, fax, e-mail etc.)</b></p> <p>Dr. Rosamma Stephen  Scientist,  National Institute of Oceanography  Regional Centre, Kochi – 682 014  Phone: 390814, Res – 203087  Email <a href="mailto:rosa@niokochi.org">rosa@niokochi.org</a></p> <p>Dr. M.Madhupratap  Scientist  BOD, National Institute of Oceanography  Dona Paula, Goa-403 004.  Phone – 221322  E mail- <a href="mailto:madhu@csnio.ren.nic.in">madhu@csnio.ren.nic.in</a></p> <p>Dr. P.Haridas  Scientist  National Institute Of Oceanography  Regional Centre, Kochi – 682 014  Phone – 390814.  E <a href="mailto:mail-hari@niokochi.org">mail-hari@niokochi.org</a></p> <p><b>ACKNOWLEDGEMENT:</b>  (List of persons who contributed, modified or checked information)</p>	