

CALANOIDES BRADY, 1883

2

- , TANAKA, 1956a: 259
- , NISHIDA, 1984: 39
- FLEMINGER 1986: 94
- MAUCKLINE 1988: 719, FIG. 12C, PORE SIGNATURE
- BRADFORD 1988: 73-, SPECIES COMPOSITION
- BRODSKY 1972: 100, EMENDED GENUS DIAGNOSIS

Calanoides acutus (Giesbrecht)^h

page 17-18,
tbl. 1

Calanus acutus, Giesbrecht, 1902. [^] figs. 10-14

Calanoides acutus, Tanaka, 1960. pp. 14-16, pl. 3, f. 1-9

-- Andrews, K. J., 1966, pp. 119-158

-- --; Vervoort, 1957, pp. 29-31.

--, Bradford, 1971, p. 15, fig. 7

-- Voronina, 1972, p. 336-342, fig. 3.

--, Seno, Komaki & Takeda, 1963, tab. 2

--, Bradford & Jillett, 1974, pp. 6, 9, 13.

--, TANAKA, 1956a: 259

--, PARK, 1978: 95

--, BAINBRIDGE, 1972: 84

--, BINET & SUISSE DE SAINTE CLAIRE, 1975: 28, 29

Calanoides acutus (Giesbrecht)

card 2

--, Grindley & Lane, 1979, p. 112-117, tbl. 2, fig. 2, 3

--, Vinogradov, & Voronina, 1974, p. 38

--, Brodskij, 1958, p. 27, 28

--, Petit & Courties, 1976, p. 198

--, Hempel, et al., 1983, p. 18

-- VORONINA 1975: 60-87, SOUTH ATLANTIC

- Fleminger, 1985: 275-291

- Bjornberg, 1981: 619, fig. 205[#]10

- Dearborn, et. al., 1986: passim

CALANOIDES ACUTUS (GIESBRECHT)

CARD 3

- ZMIJEWSKA 1983: 33-45, PRYDZ BAY, ANTARCTICA
- ALMEIDA PRADO POR 1986: 517-523, FIGS. 2(8), 3,
ANTARCTIC
- JAZDZEWSKI ET AL. 1982: 203-, DRAKE PASSAGE/
BRANSFIELD STRAIT
- VERVOORT, 1972: 94 Antarctica
- Nakamura, et al: 1982: 28-30 fig 2, 3 tab. 1 S. Indian O.
(Antarctic)
- FERRARI & DEARBORN 1989: 1315-1319, ANTARCTIC
PENINSULA, SOUTH GEORGIA

Calanoides acutus (Giesbrecht)

card 4

-- Bradford 1988: 74-

- KANAYEVA 1968: 562-, SCOTIA SEA

- MARIN 1987: 106-, SCOTIA SEA

- MARIN 1988a: 161-, ANTARCTIC (ATLANTIC SECTOR)

- MARIN 1988b: 439-, SCOTIA + WEDDELL SEAS

-- RAZOULS + RAZOULS 1988: 239-

-- ATKINSON + WARD 1988: 325-334, SOUTH GEORGIA

- MARIN 1986: 1-177, ANTARCTIC SEAS

-- SCHNACK-SCHIEL ET AL. 1991: 17-, WEDDELL SEA

Calanoides acutus (Giesbrecht)

card 5

- P. Ward 1989:144-, S. Georgia, Antarctic
- BOWMAN 1978a: 113 -
- RAZOUKS 1994: 31-, PLATE 7, ANTARCTIC; 9
- SCHNACK-SCHIEL 1994: 1543-, WEDDELL SEA
- BEAUMONT + HOSIE 1997: 121-131, PRYDZ BAY, ANTARCTIC

Calanidae - Calanoida

Calanoides brevicornis (Lubbock).

Calanus b- Lubbock, 1856, p. ¹⁷pl. 3.

Calanoides b- A. Scott, 1909, p. 10.

— — T. Scott, 1912, p. 528.

— — Sars, 1925, p. 7.

— Fleminger, 1985: 275-291

Habitat. Southern Pacific: Atlantic; Indian
Ocean - Western Pacific.

— Margues, 1958: 205-206

— Margues, 1953: 91

— — Rose, 1929, p. 7.

Calanus — Giesbrecht, 1892, p. 90: pl. 6. figs. 7, 9, 18: pl. 7.
figs. 10, 11: pl. 8. figs. 5, 28.

— — Giesbrecht & Schmeil, 1898, p. 16

— frontalis, F. Dahl, 1894, p. 76.

— brevicornis, Cleve, 1904, p. 185

— — Sars, 1907, p. 4.

--, Corral, 1970, p. 69

--, Fruchtl, 1924, p. 33

--, Bjornberg, 1963: 99

--, TANAKA, 1956a: 259 = CALANOIDES CARINATUS

--, Marques, 1953, p. 91

Calanoides brevicornis

card 2

-Dakin & Colefax, 1940: 89, fig. 106 a-d.

Calanus ^{oides} carinatus (Krøyer, ♀)

— — Krøyer, 1849, p. 554.

— brevicornis, n.sp. Lubbock, 1856, p. 11: pl. 3.

carinatus Lubbock, 1860, p. 117.

— — Giesbrecht, 1892, p. 90: pls. 6-8 [Position doubtful.]

— —, Bradford, 1970, p. 352, fig. 3-5

Habitat. Atlantic near Brazil.

— — see Calanoides carinatus (Kroyer, 1849)

— —, Brodsky, 1964, p. 230

— With, 1915: 11

— — Cleve, 1900, p. 142.

— *carinatus* With, 1915, p. 11.

— *brevicornis* Giesbrecht & Schmeil, 1898, p. 16

— — Cleve, 1904, p. 185.

— — Stebbing, 1910, p. 520.

— *carinatus* Giesbrecht & Schmeil, 1898, p. 51.

— — Farran, 1929, p. 215

Calanoides —, Carvalho, 1952. Bay of Santos, Brazil.

— —, Brodsky, 1967. p. 1443

— —, Brodsky, 1967:224

— —, Brodsky, 1967. 191

— —, Brodsky, 1965:28

Galanus ^{oides} carinatus

card 2

--, Ehrhardt, 1967, p. 736-

--, Brodskii, 1967, p. 191-

--, Brodskii, 1964, p. 230

--, Vyshkrartseva, 1972, p. 152.

--, Frost, 1974, p. 79.

~~--, CORRAL A. MACEZ OSSORIO, 1978: 198~~

--, VYSHKARTZEVA, 1976: 23, 25, 26, 27, 33, 35, 36, 41, 44, 45,
47, 50, 53, 55; TAB. 1, 3, 4, 6, 8, 9, 11, 13, 14, 16.

--, VYSHKUARTZEVA, 1977: 97, 129, 130, 131; FIG. 16, 30

-- Ramirez, 1969: 38-39, pl. 1, fig. 1, pl. 5, fig. 23-25

Calanoides carinatus Krøyer 1849

3

-- --, Vervoort, 1946, pp. 29-36, figs. 1-3, Snellius Exped.

-- --, Decker, 1964. p. 17. South Africa

-- --, Tanaka, 1960. pp. 16-19, pl. 4, fig. 1-9

-- -- Vervoort, 1963, pp. 78-194.

-- --, Vilela, 1969, p. 8

-- --; Vervoort, 1957, pp. 29.

-- --; Bradford 1970 p 342

--, Bradford, 1972, p. 32, fig. 4.8-4.9

-- Bradford & Jillett, 1974, pp. 6, 9, 13.

--, CORRAL + ALVAREZ-OSSORIO, 1978: 138

- , Corral, 1970, pp. 68-70, pl. 6
- , De Decker, 1962, p. 100, 104
- , Seno, Komaki & Takeda, 1963, tab. 2, fig. 4, 5
- , Ehrhardt, 1967, p. 736-
- , Roe, 1972a, pp. 284-
- , Roe, 1972b, pp. 317, 321-322
- , Vives, 1972, pp. 206-207.
- , Bjornberg, 1963: 4, 9, 17, 18, 95, 97, 104 (2 tables), 114,
117, 120, 124, 126, 127
- , TANAKA, 1956: 259 SYN: CALANUS BREVICORNIS; CALANOIDES
BREVICORNIS
- , TANAKA, 1964b: 4, 5-6, TAB. 2, 3 SYN. CALANUS BREVICORNIS
- , BAINBRIDGE, 1970: 79, 80, 81, 84, 85, 86
- , BINET & SUISSE DE SAINTE CLAIRE, 1975: 15-30; FIG. 1-14;
LIFE HISTORY

CALANOIDES CARINATUS (KROYER) CARD 4

- , BINET & DESSIER, 1971: 418-419, 447, 448, 451;
FIG. 4.
- , BINET, ET AL., 1972: 135, 136
- , FASHAM, ET AL., 1974: TAB. 1
- , ANDRONOV & MAIGRET 1980: 84.
- , CARVALHO 1952: 137-138.
- , Grindley, Estuarine plankton, p. 124, pl. 3
- , Vives, 1974, p. 313-318
- , Petit & Courties, 1976, p. 177-199

Bjornberg, 1968: 27-33 , fig. 1. (1-9)

-- BRADFORD 1970b: 352, FIGS. 3-5

-- TRANTER 1977: 593-625.

-- KOGA 1984b: 130

- Fleminger, 1985: 275-291

- Valentin, 1984: 183-199

- Bjornberg, 1981: 618, fig 205 #2

--, MADHUPRATAP & HARIDAS, 1986: 107, 108 - DISTRIBUTION,
INDIAN OCEAN

- De Decker, 1984: 315

Calanoides carinatus (Krøyer, 1849)

card 5

- Mauchline 1988: 719, Fig. 12c, pore signature
- MONTÚ + OLIVEIRA 1986: 119, S. ATLANTIC
- FLEMINGER 1986: 87
- MAYZAUD 1986a: 174-
- CAMPANER 1986: 261-, S. BRAZIL SHELF
- BJÖRNBERG, T. 1986b: 233-, FIG. 1a
- CHEN, Q-C + ZHANG 1986: 274, SOUTH CHINA SEA
- Campaner & Honda, 1987: 7-13, figs 2, 3 Tab. I Brazil
- Schanack, 1983: 50-52 tabs 1, 2 fig 1 NW Africa

Calanoides carinatus (Kroyer, 1849)

card 6

- Soldevilla, et al. 1988:57 - Canary Islands

-- BRADFORD 1988: 75-

- R. WILLIAMS + CONWAY 1988: 259- N. ATLANTIC

- VALENTIN 1989: 28-, CABO FRIO, BRAZIL

- MEDINA-GAERTNER 1988: 26-, SENEGAL

- PETERSON ET AL. 1990: 85-92, HOUT BAY, S. AFRICA

-- MILLER + CLEMONS 1988: 307-

- MONTEIRO RIBAS ET AL. 1990: 82, CABO FRIO S, BRAZIL

- MILLER, C. B. ET AL. 1991: 89

CALANUS -, ALEKSEEV 1990: 34-, DIAPAUSE

Calanoides carinatus (Kroyer, 1849)

card 7

-- Ramirez 1966: 7-, Lam. I Figs. 1-5, Mar del Plata,
Argentina

CALANUS -, BRODSKY 1972: 8-107, FIGS., TYPE SP. OF
CARINOCALANUS, N. SUBGEN.

CALANOIDES CRISTATUS

--, NISHIDA, 1984: 39

(CALANOIDES)

Calanus macrocarinatus Brödsky

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CALANUS - - Brodsky, 1967:191, 192

CALANUS - - Brodsky, 1967:1444

CALANUS - - Brodskii, 1967, p. 191

CALANUS - - Vyshkvartseva, 1972, p. 152.

CALANUS - - VYSHKVARTZEVA, 1976: 14, 25, 26, 27, 33, 35, 36, 41, 44, 50, 53,
55; TAB. 1, 3, 4, 6, 8, 9, 11, 13, 14, 16

CALANUS - - VYSHKVARTZEVA, 1977: 97; FIG. 17, 18, 30

CALANOIDES - - BRADFORD 1988: 74-

CALANUS - - BRODSKY 1972: 107-108, FIGS. 122-123, N.SP.

Calanoides macrocarinatus BRODSKY

(2)

-- Bradford & Jillett, 1974, pp. 6, 9, 13.

- BRADFORD 1970b: 352.

- Fleminger, 1985: 275-291

- DeDecker, 1984: 315

-- BRADFORD ET AL. 1989: 301-, FIG. 12-15, TABLE 2,
OFF NEW ZEALAND; DEVELOPMENT.

-- RAZOUKS 1994: 9

CALANOIDES MINOR

--, NISHIDA, 1984: 39

Calanoides natalis Brady

____ Brady 1914, p. 4, pl. 1, ♀, Durban Bay, Africa

--, DeDecker, 1962, p. 101

Calanidae - Calanoida.
Calanoïdes patagoniensis Brady, ♀.

- — Brady, 1883, p. 75: pl. 33, f. 1-10
Calanus — Giesbrecht, 1892, p. 91.
— —, SEWELL, 1947, p. 15-16.

A synonym of Calanus patagoniensis.

- Calanoïdes restored, A. Scott, 1909, p. 10
-- DeDecker, 1962, p. 101
-- Arcos, 1975, p. 9, figs. 6-8 (in Appendix)
-- Bradford, & Jillett, 1974, pp. 6, 9, 13.
-- TANAKA, 1956a: 259
-- ARCOS, 1976: 85, 90-91, 99; TAB. II

--, ANUMADA & ARCOS 1976: 108.

- Fleminger, 1985: 275-291

- Bjornberg, 1981: 618, fig. 205 #13

-- HIRAKAWA & ZAMA 1985: 115-120, SOUTHERN CHILE

Calanoides patagoniensis

card 2

-- Marin & Antezana, 1985: 963- 965 Tab 1 Chile

-- BRADFORD 1988: 74-

-- KIRBOE 1991: 240-

-- BRODSKY 1972: 8-107, FIGS.

Calanoides philippinensis KITOH & TANAKA, 1969
-- Bradford & Jillett, 1974, p. 6, 9, 13.

- Fleminger, 1985: 275-291, Fig 4

-- FLEMINGER 1986: 85-, NEW GUINEA

-- BRADFORD 1988: 74-

-- ARINARDI 1991: 291-, BANDA SEA, INDONESIA

CALANOIDES PLUMCHRUS

--, NISHIDA, 1984: 39

CALANOIDES PROPINQUUS

--, NISHIDA, 1984:39

CALANOIDES SIMILLIMUS

--, NISHIDA, 1984: 39

Calanoides sp.

--, Furuhashi, 1966: 308

Calanoida sp, Hempel, et al., 1983, p. 18.

CALANOIDES TONSUS

--, NISHIDA, 1984: 39