

Ctenocalanus, valid

Giesbrecht, 1888.

C. vanus <sup>(M)</sup>.

Syn. Ctenocalanus Giesbrecht, 1888, p. 335.

Ctenocalanus Giesbrecht, 1892, p. 50, 194.

Ctenocalanus Giesbrecht & Schmeil, 1898, p. 28.

Ctenocalanus Pesta, 1921, p. 506.

Ktēis = a comb, and Calanus.

CTEDOCALANUS GIESBRECHT, 1888

(2)

- , TANAKA, 1956b: 381, 382, 384
- , Gardner & Szabo, 1982, p. 25, 187.
- , BAYLY 1982: 168
- MAUHLIN 1988: 726
- BJÖRNBERG, T. 1986 (IN KABATA-ED.): 199
- BJÖRNBERG, T. 1986b: 232-

Ctenocalanus campaneri Almeida Prado-Por, 1984

-- Almeida Prado-Por 1984:85-90, figs. 1-9, Gulf of Elat,

N. SP. ♀♂

-- VEGA-PÉREZ + BOWMAN 1992: 97-

-- RAZOUKS 1994: 50, DOUBTFUL SPECIES

Ctenocalanus citer

--, Heron and Bowman, 1971, passim, figs. 1, 16-18, 31-36, 54-58, 71-77, 94-99, 130-150, Tables 2,3, and 4.

--, Taw, 1974, p. 270.

-- Bjornberg, 1980<sup>(82)</sup>: 65 - , NOT OFF BRAZIL

-- Bjornberg, 1981: 629, fig. 209 #2

-- ALMEIDA PRADO POR 1986: 517-523, FIG. 2-3,  
ANTARCTIC

-- MARIN 1987: 109-, SCOTIA SEA

-- MARIN 1986: 62-, SCOTIA SEA

Ctenocalanus citer Heron & Bowman 1971

card 2

-- Almeida Prado-Por 1984:85-

-- VEGA-PEREZ + BOWMAN 1992: 97-

-- RAZOULS 1994: 48-, Pl. 16, ANTARCTIC; 9

Ctenocalanus heronae Vega-Pérez & Bowman, 1990

-- Vega-Pérez & Bowman 1990:100, n. sp. ♀, off Ubatuba,  
Sao Paulo, Brazil

-- Vega-Pérez & Bowman 1992: 97-101, figs. 1-18,  
female only, off Sao Paulo state, Brazil.

CTENOCALANUS LONGICORNIS MORI 1937

— — MORI, 1937, P. 37, JAPAN

-- --, Honjo et al, 1957. pp. 120-128 "Kuroshio" area, S of Honshu

--, (= C. VANUS), TANAKA, 1956b: 384 Izu region, middle Japan.

Habitat: JAPAN AREA

--, ANDRONOV & MAIGRET 1980: 71, TAB. 3

-- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA (Gulf of Santa Catalina)

-- VEGA-PÉREZ + BOWMAN 1992: 97-

Ctenocalanus tageae Almeida Prado-Por 1984

-- Almeida Prado-Por 1984:85-90, figs. 10-18, n. sp.

♀♂, Gulf of Elat

-- VEGA-PÉREZ + BOWMAN 1992: 97-

-- RAZOULS 1994: 50, DOUBTFUL SPECIES



Calanidae - Calanoida.

Ctenocalanus vanus Giesbrecht, ♀.

— — Giesbrecht, 1888, p. 335.

— — Steuer, 1910, p. 1026 (22). [pl. 36, f. 28

— — Giesbrecht, 1892, p. 194; pl. 10, f. 20, 21; ^

— — Giesbrecht & Schmeil, 1898, p. 28.

— — Esterly 1924: 90-93, figs. D, E. San Francisco Bay + La Jolla, California.

Habitat. Adriatic: Tropical Pacific.  
Mediterranean: Atlantic.

- — Pesta, 1921, p. 506: text-f. 1316.  
— — Wolfenden, 1904, p. 125: pl. 9. f. 9.  
— — Giesbrecht, 1902, p. 19.  
— — Wolfenden, 1908, p. 29: 1911, p. 203.  
— — Farran, 1929, p. 226.  
— —, BRODSKY, 1950, p. 120, FIG. 42  
— —, VERVOORT, 1951, P. 59, ANTARCTIC WATERS. C. venus  
— —, Furuhashi, 1961. p. 10  
— —, Decker, 1964. p. 21. South Africa  
— —, Tanaka, 1960. p. 35  
— —, Bjornberg, 1963: 4 9, 34, 36, 91, 95, 97, 99, 100 (+ table),  
104 (2 tables), tables 8+10, 115, 117, 120, 124, table 17,  
126, 127

Ctenocalanus vanus Giesbrecht, 1888

card 2

- , Park, 1968, pp. 527-572.
- , Vilela, 1969, pp. 16-17, Est. 3 fig.1.
- , Shmeleva, 1963, p. 141.
- , Park, 1970. p. 475.
- , Vervoort, 1957, p. 37.
- , Bradford, 1970, p. 346.
- , Hure and Scotte di Carlo, 1968, p. 44.
- , Bradford, 1971, p. 16, figs. 15-20.
- , Bradford, 1972, p. 36, figs, 5,17-5.18.
- , Cushing, 1951, p. 166
- , Bowman, 1971, p. 5 -
- , TANAKA, 1956b: 384 SYN: C. LONGICORNIS MORI
- , TANAKA, 1964b: 4, 7, TAB. 2, 3

- , Corral, 1970, pp. 149-150.
- , DeDecker, 1962, p. 107.
- , Seno, Komaki and Takeda, 1963, tab. 2, figs. 4,5.
- , Omori, 1973, p. 4.
- , Heron and Bowman, 1971. pp. 141-142, fig. 2.
- , Hue, 1967, p. 7, 15, 21, 23.
- , Roe, 1972a, pp. 293-
- , Vives, 1972, p. 209.
- , Furuhashi, 1966: 299, 300, 301, 304, 306, 308, 311
- , Furuhashi, 1961: 105
- , WHEELER, 1970: 4
- , CORRAL & ALVAREZ-OSSORIO, 1978: 138

CTENOCALANUS VANUS

CARD 3

- , ARCOIS, 1976: 91-93, 99; FIG. 5, 9; TAB. II
- , DEEVEY, 1971: 225, 226, 228; FIG. 7; TAB. 3
- , BINET & DESSIER, 1971: 425-426, 452
- , BEAUDOUIN, 1973: 125, 137, 167, 168; TAB. 1
- , ITOH, 1970: TAB. 1
- , FASHAM, ET AL., 1974: 98
- , SCOTTO DI CARLO, ET AL., 1975: TAB. 1
- , CALET & GRICE (UNPUBL.) IN KETCHUM & RYDER,  
1966 (UNPUBL.): APPENDIX

--, <sup>CHEN</sup> QIANG-CHAO & SHU-ZHEN 1974: 112; Pl. 7: 89-90,  
Pl. 8: 91-99.

--, FUKUCHI & TANIMURA 1981: 38, 41, 42; Tab. 2.

- Bjornberg, 1968: 50, Pl. 7, fig. 1-4

Ctenocalanus vanus

card 4

--, Shmeleva & Kovalev, 1968, p. 61, fig. 7b

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

--, Shmeleva & Zaika, 1973, p. 873

• --, Cannicci, 1959: passim

— Marques, 1958: 209

— Ramirez, 1969: 54-55

— Dakin & Colefax, 1933: 205

— Björnberg, 1981: 629, fig. 209#1

-- BJÖRNBERG 1980(82): 65-, OFF BRAZIL; FIGS. 16-18

Ctenocalanus vanus Giesbrecht, 1888

--, Grindley, Estuarine plankton, p. 124, tbl. 3

--, Gardner & Szabo, 1982, p. 25, 188-189, fig. 12.4.

--, Hempel, et al., 1983, p. 4, 11, 18-19

--, PETERSON & MILLER, 1977: 718

--, SPECCHI & VALLI, 1979: 134

-- GRICE & HART 1962a: 295, w. NORTH ATLANTIC

-- GRICE & HART 1962b: TABLE 3

— Dakin & Colefax, 1940: 97, Fig. 135a-f,

— Valentin, 1984: 183-199



- Tanaka, 1965a: 19, fig. 1a-c
- Dawson & Knatz, 1980: 56, pl. 43, fig. a-o
- Devey & Brooks, 1977: 263
- DeDecker, 1984: 315
- Hure, 1955: 25
- Hure, 1961: 17
  
- SAZHINA 1975: 82
- VIVRS, 1978: 265, 274, tbl. 1
- ZMIJEWSKA 1983: 33-45, PRYDZ BAY, ANTARCTICA
- REGNER 1987: 373-, ADRIATIC
- CARLI 1971b: 371-2, LIGURIAN SEA

Ctenocalanus vanus Giesbrecht, 1888

card 6

-- Milstein & Juanico 1985: 159-162, Maldonado Bay,  
Uruguay

-- MILSTEIN 1983: 353, MALDONADO BAY

-- IANORA ET AL. 1987: 30

-- KIORTSIS ET AL. 1969: 36-, AEGEAN

-- MONTU' 1980b: 57-, BRAZIL

-- MONTU' & GLOEDEN 1986: 88-, FIG. 27k-l, BRAZIL

-- S. L., CAMPANER 1986: 261-, S. BRAZIL SHELF

-- SCHULZ 1986b: 459-464, SARGASSO SEA

Ctenocalanus vanus

card 7

- Nakamura et al. 1982: 28-30 figs 2,3, tab 1  
S. Indian Ocean (Antartic)
- Marin & Antezana, 1985: 963 tab 1 Chile
- Soldevilla, et al 1988: 58 Canary Islands

-- RODRIGUEZ & VIVES 1984: 242-, MALAGA HARBOR

-- HO & PERKINS 1985: 588-

-- ROE 1974: 105~~5~~-, N. ATLANTIC

-- JIMENEZ PEREZ 1989: 91-, BAHIA DE TODOS

SANTOS, BAJA CALIFORNIA

-- VALENTIN 1989: 28+, CABO FRIO, BRAZIL

Ctenocalanus vanus

card 8

-- Almeida Prado-Por 1984:85-

-- LAKKIS 1984: 289-, E. MEDITERRANEAN

-- VEGA-PEREZ + BOWMAN 1992: 97-

-- RAMÍREZ 1966: 12-, LÁM. V FIGS. 1-15, MAR DEL  
PLATA, ARGENTINA

-- RAZOULS 1994: 48-, PL. 17, ANTARCTIC; 9

-- M. ROSE 1927: 145, ALGERIA

-- M. ROSE 1934: 66-81, . "

CTENOCALANUS SP.

--, JAWED, 1973: 67, 71, 72

--, Björnberg, 1980: 65, fig. 16-18

NR. CTENOCALANUS, COPLEY ET AL. 1989: 11-

NW ATLANTIC

CTENOCALANUS SPP.

- ATKINSON & WARD 1988: 329-, S. GEORGIA
- P. WARD 1989: 144-, S. GEORGIA, ANTARCTIC