

SUPERPAM. AUGAPTILLOIDEA - CALANOIDA

ARIETELLIDAE G. O. SARS, 1902

- MAUCHLINE 1988: 699, 705 - , FIG. 6B

- OHTSUKA, BOXSHALL + ROE 1994: 105-172, REVISION

CALANOIDA

ARIETELLOIDEA SARS, 1902

- ANDRONOV 1991: 133-134, NAME CHANGED
FROM AUGARTILOIDEA SARS, 1905

- OHTSUKA, ROE & BOXSHALL 1993: 78, HYPERBIONICIDAE
N. FAM.

in

Arietellidae - Calanoidae.

Arietellus.

Giesbrecht, 1892,

A. setosus.

(M)

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Syn. Arietellus Giesbrecht, 1892, p. 66,
Arietellus Giesbrecht & Schmeil, 1898,
Arietellus Esterly, 1905, p. 189, [p. 124
Rhincalanus (pars) T. Scott, 1893, p. 31,
Arietellus Pesta, 1921, p. 535.

Arietellus Giesbrecht, 1892

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—, Gardner & Szabo, 1982, p. 27, 395

—, CAMPANER 1984a: 107.

—, MAUCHLINE 1988: 705—, FIG. 3A— PORE
SIGNATURE.

— OHTSUKA ET AL. 1994: 126, DIAGNOSIS, SPECIES LIST

Calanidae - Calanoida

Arietellus aculeatus (A. Scott, ♀) 1894

Phincalanus a — T. Scott, 1898, p. 31: pl. 2, f. 11-22.

Arietellus setosus Giesbrecht & Schmeil, 1898, p. 124.

A. aculeatus A. Scott, 1909, p. 143: pl. 44, f. 4-7.

— — Farran, 1929, p. 270

— —, Grice, 1962. p. 226, pl. 27, fig. 11-14

Habitat. Gulf of Guinea: Malaysia.
New Zealand.

- -- Park, 1968, pp. ~~572-5~~ 527-572.
-- , Morris, 1970, p. 2301.
-- , Bradford, 1974, pp. 523, 526-530, figures 3, 4, fig. 1
-- , VERHOORT, 1965: 150-151. SYN. RHINCALANUS A. ;
A. ARMATUS
-- , TANAKA, 1964a: 231
-- , BINET & DESSIER, 1971: 437, 455
-- OHTSUKA ET AL. 1994: 126 -, FIGS. 16 F, G, 18 D, E, O
-- BOXSHALL & HAYS 1998: 780

Arietellus armatus Wolfenden, ♀ ♂.

— — Wolfenden, 1911, p. 330: pl. 36, fig. 4:
Text-fig. 67.

— — ; Chiba, Tsuruta, + Maeda, 1955. Bikini.

— — : Wilson, 1950, p. 165-167, pl. 4, fig. 23-26.

— — : Owre + Foyo, 1964: 366

Habitat. Tropical Atlantic.

— — : Owre + Foyo 1967, p. 90, fig. 44, 623.

- , Bradford, 1974, pp. 526, 530
- , (= A. ACULEATUS) VERVOORT, 1965: 150-151
- , CALEY & GRICE (UNPUBL.) IN KETCHUM & RYDER,
1966 (UNPUBL.): APPENDIX
- SUAREZ, F. & BASCA 1989a: 198-, YUCATAN CHANNEL

Calanidae - Calanoida

Arietellus bispinatus Rose, ♀.

— — Rose, 1929, p. 36.; pl. 2, fig. 5

Habitat. Subtropical Atlantic.

- , DEEVEY, 1971: TAB. 3
- , CALEF & GRICE, (UNPUBL.) IN KETCHUM & RUTHER,
1966 (UNPUBL.): APPENDIX
- SANDER & MOORE 1978: 232.
- CAMPANER 1984a: 106, 107, FIG. 3.
- GRICE & HART 1962a: 293, W. N. ATLANTIC
- GRICE & HART 1962b: TABLE 3.
- Bjornberg, 1981: 654, fig. 220 #4
- MADHU PRATAP & HARIDAS, 1986: 108, INDIAN OCEAN
- Deevey & Brooks, 1977: 265

Arietellus setosus GIESBRECHT, 1892

(2)

-- --, Grice, 1962. p. 226, pl. 27, fig. 1-4

— —, Owre, 1962.

-- -- Park, 1968, pp. 527-572.

-- --, Hure & Scotto di Carlo, 1968, p. 60.

--, Bowman, 1971, p. 6 -

--, Morris, 1970, p. 2301.

--, Bradford, 1974, pp. 526, 527

--, Roe, 1972a, pp. 300-

--, Furuhashi, 1961: 108

--, VERVOORT, 1965: 150, 153-154

--, TANAKA, 1964a: 231, 232, 234

- — Esterly, 1905, p. 189: Text-fig. 42, a-c.
— — Giesbrecht, 1897, p. 254.
— — Giesbrecht & Schmeil, 1898, p. 124.
— — Pesta, 1921, p. 535: text f. D 49.
— — A. Scott, 1909, p. 192: pl. 74, figs. 8-13.
— — Wolfenden, 1911, p. 329: pl. 36, fig. 3.
— — Farran, 1929, p. 269.
— — Sars, 1925, p. 328: pl. 118, f. 1-16
— — Rose, 1929, p. 36.
— — Wilson 1942, p. 171, figs. 3, 4
— — Sewell 1932, p. 329
— —, BRODSKY, 1950, P. 394 FIG. 280.
— —, JESPERSEN, 1934, P. 116, DAVIS STR. W. GREENLAND WATERS.
— —, " , 1940, p. 63-4, S. of Iceland

Centropagidae - Calanoida

Arietellus setosus Giesbrecht, ♂. ♀.

— Giesbrecht, 1892, p. 415; pl. 29, f. 1,
3-7; 9-13: pl. 39, f. 34-36.

— H. S. Hensley, 1911^①, p. 335; pl. 27, f. 22-23;
pl. 30, f. 81-82.

Habitat. California Coast; Naples:
Malaysia:

Arietellus plumifer Sars 1905.

card 2

-- Soldevilla, et al. 1988: 60 Canary Islands

- SUAREZ, F. & GASCA 1989a: 198, YUCATAN CHANNEL
- COPLEY ET AL. 1989: 11, NW ATLANTIC
- OHTSUKA ET AL. 1994: 126, FIGS. 13-15, 17A, 18L
- GISLASON & ASTTHORSON 1992: 221, TAB. 1, ICELAND
- T. SCOTT 1909: 127, NORTH SEA OFF SCOTLAND

- , Roe, 1972a, p. 300-
- , VERVOORT, 1965: 152-153
- , Gardner & Sjöbo, 1982, p. 27, 396-397, fig. 25.1.1
- MADHU PRATAP + HARIDAS, 1986: 108, INDIAN OCEAN
- MAUCLINE 1988: 705-
- LE BORGNE 1986: 143-

Arietellus plumifer G.O. Sars, ♀.

— — Sars, 1905, b, p. 21.

— — Sars, 1925, p. 332; pl. 119, f. 7-11.

— —, SEWELL, 1947, p. 236, C. antarctic.

— —, JESPERSEN, 1934, p. 116, W. GREENLAND WATERS; 1940, p. 64, Iceland.

— —, Grice, 1962, p. 226; pl. 27, fig 6-10

Habitat. Station 1760: 1768; 1849; 1856,
Monaco: Atlantic.

— —, Owre, 1962

— Deevey & Brooks, 1977: 265

Arietellus pavonius Sars 1905

card 2

-- Soldevilla, et al. 1988: 60 Canary Islands

- PAVONINUS, OHTSUKA ET AL. 1994: 126 -, 131, FIGS.
16 B, H, 17 B, 18 J

Arietellus sp. Ohtsuka, Boxshall & Roe, 1994

-- Ohtsuka et al. 1994: 131-, figs. 16C,D, 17D, 18C,G,K,
28°04'N, 14°11'W

Arietellus sp.

--, Bradford, 1974, pp. 528-532, figures 5&6, table 1

--, JAWED, 1973: 25

Calanidae-Calanoida

Arietellus tripartitus Wilson

Wilson, B.C., 1950, pp. 169-170., Pl. 4, figs. 27-29

ARIETELLUS SIMPLEX G.O. SANS
-- BARTHÉLÉMY ET AL. 1998: 733

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ARIETELLUS SIMPLEX G.O. SARS

CARD 2

- , MOTODA + MINODA, 1974: 237
- Tanaka, 1965a: 31, fig. 15a-b
- MADHUPRATAP + HARIDAS, 1986: 108, INDIAN OCEAN
- Deevy & Brooks, 1977: 265
- MAUCHLINE 1988: 705 -
- Soldevilla, et al. 1988: 60 Canary Islands
- OHTSUKA 1994: 126 -, (= A. ~~MAJOR~~ ESTERLY), 131,
FIGS. 16F, I, 18N
- RAZOULS 1994: 174-, Pl. 85, ANTARCTIC; 9

— — Sars, 1925, p. 334: p. 120, f. 7-12.
Sewell 1932, p. 329

— —, SIMPLEX, 1950, BRODSKY, P. 395, FIG. 280.

— —, SEWELL, 1947, P. 236. Arabian Sea area.

— —, JESPERSEN, 1934, P. 116, DAVIS STR. - W. GREENLAND WATERS.

— —, " 1940, p. 65. Iceland (south).

— —, Furuhashi, 1961. p. 8.

— —; Vervoort, 1957, p. 141.

--, Roe, 1972a, pp. 300-

--, Vives, 1972, p. 223.

--, Furuhashi, 1966: 307

--, OWRE & TOYO, 1964b: 367

Arietellus simplex G.O. Sars, ♀.

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— — Sars, 1905, b, p. 22.

— — A. Scott, 1909, p. 143: pl. 44, figs. 14-18.

— major Esterly, 1906, p. 74: pls. 9, 11, 12, 13.

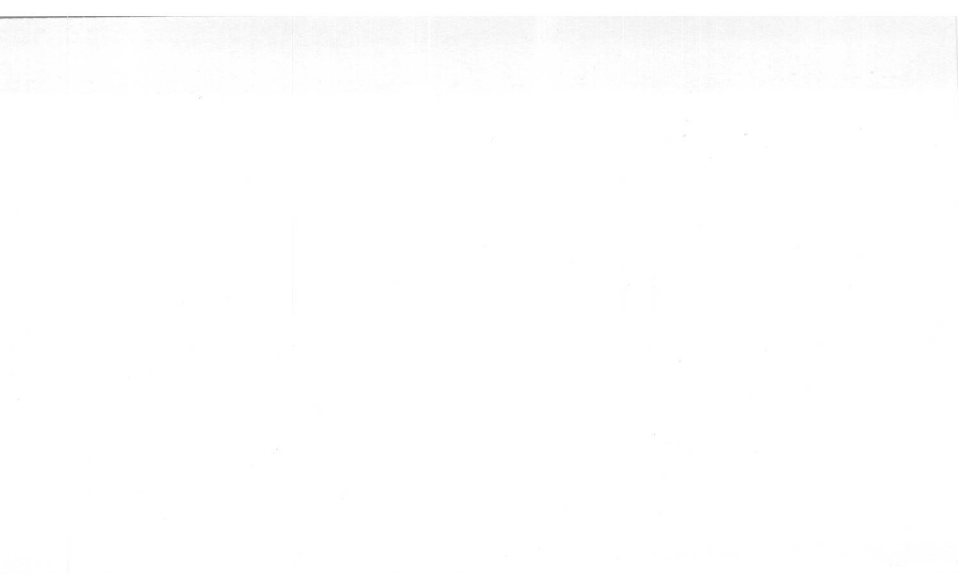
— simplex Wolfenden, 1911, p. 331: pl. 36, f. 5: t-fig. 68, a-b.

Habitat. Station 253; 1844; 1849, Monaco.

--, VERVOORT, 1965: 154-155 540. A. MAJOR

--, TANAKA, 1964a: 231, 233- 234f, FIG. 221

--, OWREN & FOYO, 1972: 493; TAB. 3



Arietellus setosus Giesbrecht, 1892

card 4

-- Bowman 1978a: 114-

-- OHTSUKA ET AL. 1994:131-, FIGS. 16J, 18I, M

-- RAZOUKS 1994: 174, 8

-- ROSE 1934: 62-81, OFF ALGERIA

Arietellus setosus GIESBRECHT, 1892 (3)

- Hure, 1955: 34
- Vives, 1978: 266, ♀
- MAUCKLINE 1988: 705-
- LE BORGNE 1986: 133-
- CUMMINGS 1982: 35-, GULF OF MEXICO
- SUAREZ M., E., 1990: 4, YUCATAN
- COPLEY ET AL. 1989: 11-, NW ATLANTIC
- REID 1990g: 185

Calanidae - Calanidae
Arietellus giesbrechti G. O. Sars, ♀.

— — Sars, 1905, b, p. 21.

— — Sars, 1925, p. 331: pl. 119, f. 1-6.

— —, Sewell, 1947, p. 233, f. 63, Adriatic Sea area.

— —, Grice, 1962, p. 226, pl. 27, fig 5

Habitat. Station 822; 1736, Monaco.

822 - $30^{\circ}48'N$, $25^{\circ}18'W$

1736 - $28^{\circ}38'45''N$, $17^{\circ}59'40''W$.

— —, Owire & Togo, 1964b: 367

- , Roe, 1972a, pp. 300-
- , VERVOORT, 1965: 151
- , TANAKA, 1964a: 231-233, FIG. 220
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RYMER,
1966 (UNPUBL.): APPENDIX
- MADHUPRATAP & HARIDAS 1986: 108, INDIAN OC.
- Deevy & Brooks, 1977: 265

Arietellus mohri (Björnberg, 1975)

Paraugaptilus -, Björnberg, 1975: 184-187, figs. 45-62,
n.sp. female only, se Pacific

Arietellus -, n. comb., Ohtsuka et al. 1994: 130-,
figs. 16A, 17C, 18A,B,F,H

P. -, HEINRICH 1994: 59

Centropagidae - Calanoida

Arietellus minor Wolfenden, ♀.

— — Wolfenden, 1911, p. 331: pl. 37, fig. 1.

Habitat. Atlantic.

Centropagidae - Calanoida.

Arietellus major Esterly, ♀.

— — Esterly, 1906, p. 74: pl. 9, f. 17; pl. 11,
f. 43-44; pl. 12, f. 56; pl. 13, f. 86.

A. simplex; Vervoort, 1957, p. 141.

Habitat, Pacific, Cala, Coast,

--, (= A. SIMPLEX) VERVOORT, 1965: 154-155

- (> A. SIMPLEX), OHTSUKA ET AL. 1999: 126

Calanidae - Calanoida
Arietellus pacificus Esterly, ♀.

— — Esterly, 1913, p. 189; pl. 10, f. 9, 23,
pl. 12, f. 46, 55.

--, TANAKA, 1964a: 231

Habitat. California Coast.

Calanidae - Calanina

Arietellus pavoninus G.O. Sars, ♀,

— — Sars, 1905, b, p. 22

— — Sars, 1925, p. 333: pl. 120, f. 1-6.

— — Jespersen, 1940, p. 64-65.

— Devey & Brooks, 1977: 265

Habitat. Station 1856, Monaco (1 specimen)
Atlantic.

--, noe, 1972a, pp. 300-

--, VERVOORT, 1965: 151-152

-- KIORTSIS ET AL. 1969: 38-, AEGEAN