

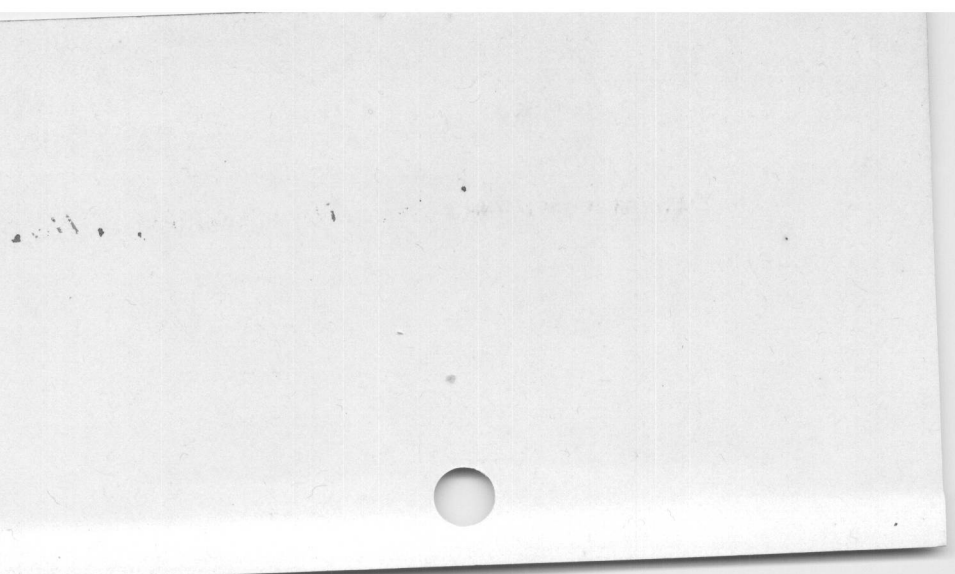
Euvaugaptilus

Calanidae - Calanoida

G. O. Sars, 1920.

E. magnus ①

Syn. Euvaugaptilus, Sars, 1920, p. 13.



Euaugaptilus

Augaptilidae: Calanoida.
G. O. SARS, 1920

2

Sewell 1932, p. 312

--, VERVOORT, 1965: 133 DIVISION OF SPECIES IN GENUS

-, FERRARI, 1984: 177

-, NISHIDA, 1984: 38

- Tanaka, 1974: 193-201 Keys

- Tanaka, 1964d: 45-47

- MAUCHLINE 1988: 702, FIG. 2d, PORE SIGNATURE

- BJÖRNBERG, T. 1986: 56-, FIG. 5b

- BOXSHALL 1986: 158-168, FIG. 2A, FEEDING APPARATUS



Euaugaptilus G. O. Sars, 1920

card 3

- Boxshall 1986b: 176

- PARK 1993: 1-48, REVISION OF ANTARCTIC SPECIES.



Calanidae - Calanoida

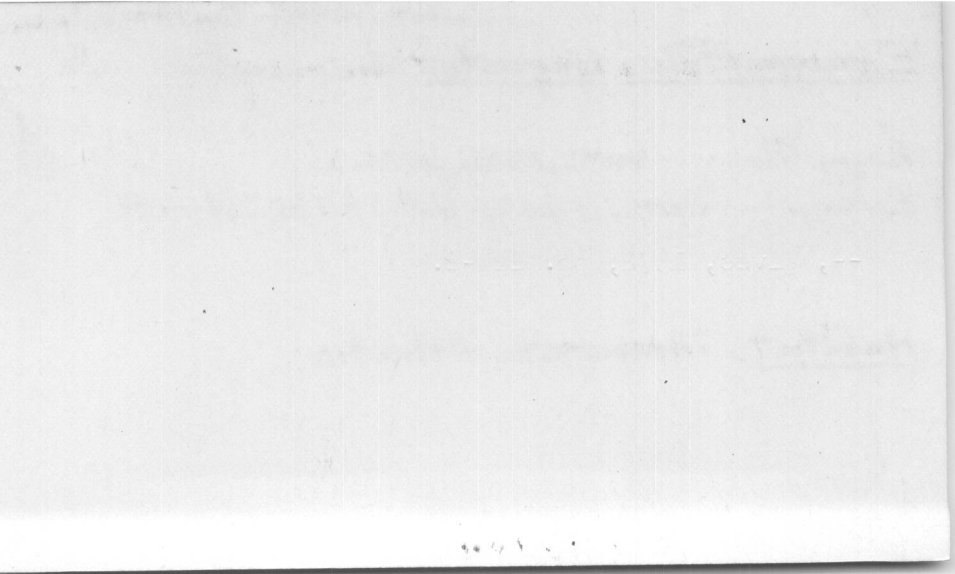
Euvaugaptilus affinis G.O. Sars, ♀.

— — Sars, 1920, p. 13.

— — Sars, 1925, p. 276: pl. 88, f. 1—14

--, Vives, 1972, pp. 221-2.

Habitat. Atlantic.



Euaugaptilus aliquantus Park, 1993

-- Park 1993: 1,2,3, 13-14, Figs. 7,8, n. sp. female

only, Antarctic, southeastern Indian Ocean, sw Atlanti

-- RAZOUK 1994: 10



Evauaptilus angustus (G.O. Sars) ♀

Augaptilus — Sars, 1905, p. 10.

Evauq. — Sars, 1925, p. 281: pl. 91, f. 1-14.

— — Sewell 1932, p. 322, Indian O.

— — " 1941, p. 222, F. 60, N. arctic Sea.

Habitat, Temperate Atlantic.

— Deevy & Brooks, 1977: 265

--, Morris, 1970, p. 2301.

--, Roe, 1972a, pp. 299-

--, ^{ITOH} KATSUKI, 1970: TAB. 1

--, Vives, 1972, pp. 221-2.

--, VERVOORT, 1965: 133, 140-141 540. ASPECTILUS A.

— Tanaka & Omori, 1974: 201-203, fig. 3a, 4a-d

— Tanaka, 1964d: 56-58, fig 201 a-j

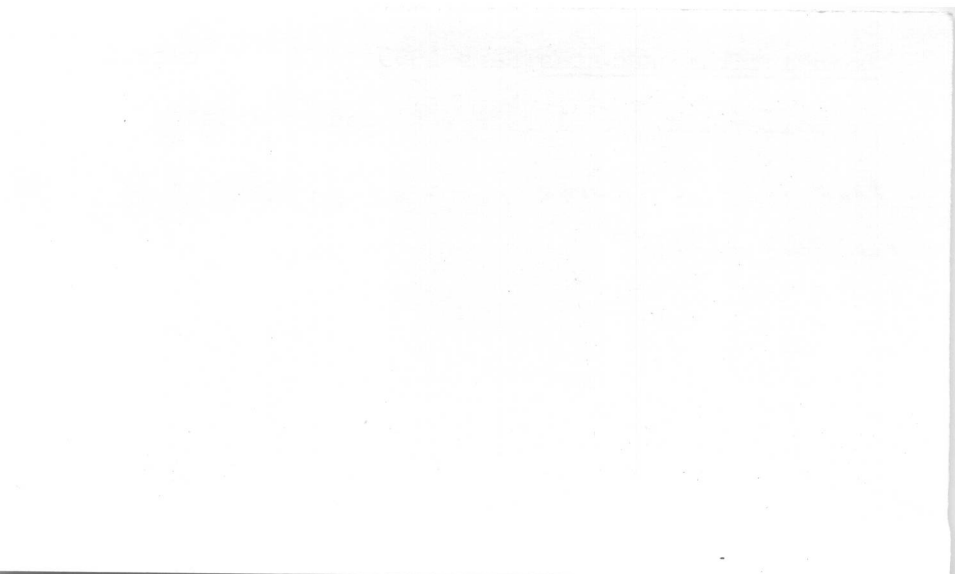
Euaugaptilus angustus (Sars 1905)

card 2

-- Soldevilla, et al 1988: 60 Canary Islands

-- PARK 1997: 2-, ANTARCTIC; 27-30, FIGS. 19, 20

-- RAZOUK 1994: 10



Euaugaptilus antarcticus (Wolfenden, 1911)

Augaptilus -, Wolfenden 1911: 334, pl. 36 (Figs. 6-7),
text-fig. 70, n. sp.

A. -, Cepede 1914: 150

Euaugaptilus laticeps, Farran 1929: 269

Euaugaptilus laticeps, Vervoort 1957: 139, fig. 131,
Pacific & Indian Ocean sectors of Antarctic

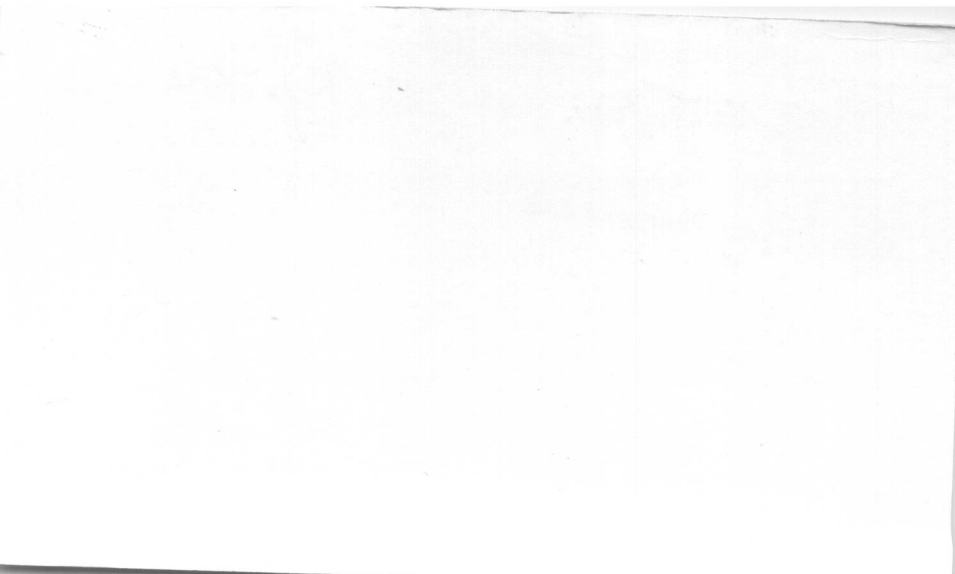
Euaugaptilus antarcticus, n. comb., Park 1993: 1, 2, 3,
32-37, Figs. 23-25, Antarctic; not = laticeps

E. -) RAZOULS 1994: 170, SYN. OF E. PLACTUS; 10, AS
ANTARCTICUS

Euagaptilus atlantica

-- Roe, 1975, pp. 349-351 (fig. 25a-g).

- ATLANTICUS, PARK 1993: 2 -



Euaugaptilus austrinus Park, 1993:

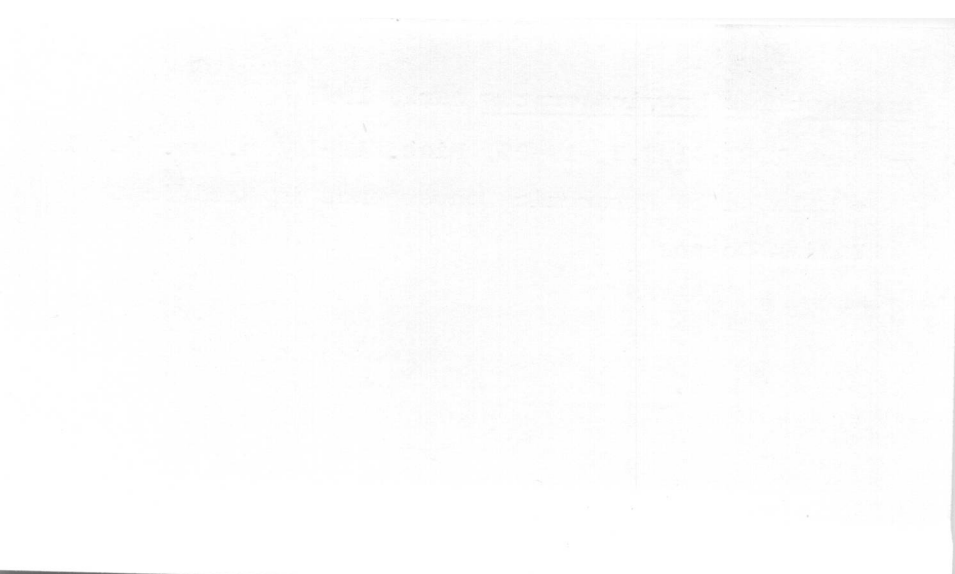
-- Park 1993: 1,2,3, 37-41, Figs. 26-28, n. sp. female
+ male, Antarctic

-- RAZOUK 1994:10

Euaugaptilus brevirostratus Park, 1993

-- Park 1993: 1,2,3, 19-22, Figs. 12-14, n. sp. female
+ male, n of Antarctic Convergence in Pacific &
Indian Oceans

-- RAZOUK 1994: 10



Euaugaptilus brodskyi, Huelsemann, 1967, p. 165;

E. mixtus (Brodsky 1950);

-- --, Grice & Huelsemann, 1967, p. 30, figs. 174-179;

--, Roe, 1972a, pp. 299-

--, Roe, 1972d, pp. 1035.

-Deevey & Brooks, 1977:265

Calanidae - Calanoida

Euaugettilus bullifer (Giesbrecht) ♀ ①

Augaptilus - Giesbrecht, 1889, p. 813.

Augaptilus - Giesbrecht, 1892, p. 400: pls. 28 & 39

— — A. Scott, 1909, p. 135

Euaugettilus - Sars, 1925, p. 272: pl. 85, f. 1—15

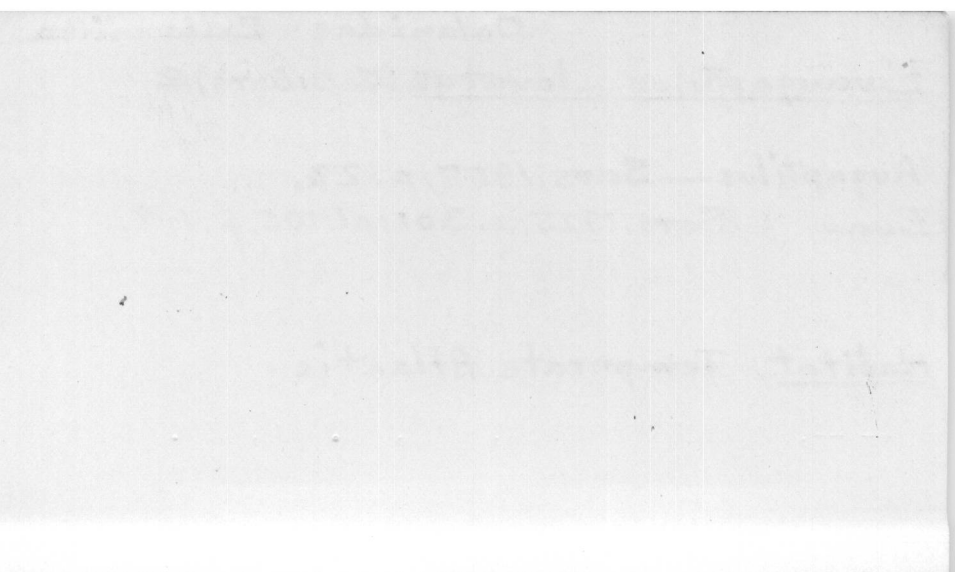
— —, SEWELL, 1947, p. 231, S. Arabian Sea.

Habitat. Atlantic: Pacific.

— —, Grice & Hulsemann, 1965, pg. 247, fig. 18 (a)

— —, WHEELER, 1970: TAB. 4

— —, OWRE & FOYO, 1972: TAB. 3



Euaugaptilus bullifer (Giesbrecht)

card 2

-- Sander & Moore 1978: 233

- Tanaka & Omori, 1974: 203 - 204, fig. 14, Sa-e

- Tanaka, 1964d: 67-69, fig. 207a-i

- Deevy & Brooks, 1977: 265

-- HERRING 1988: 184-

-- PARK 1993: 2-, ANTARCTIC; 22-25, FIGS. 15, 16

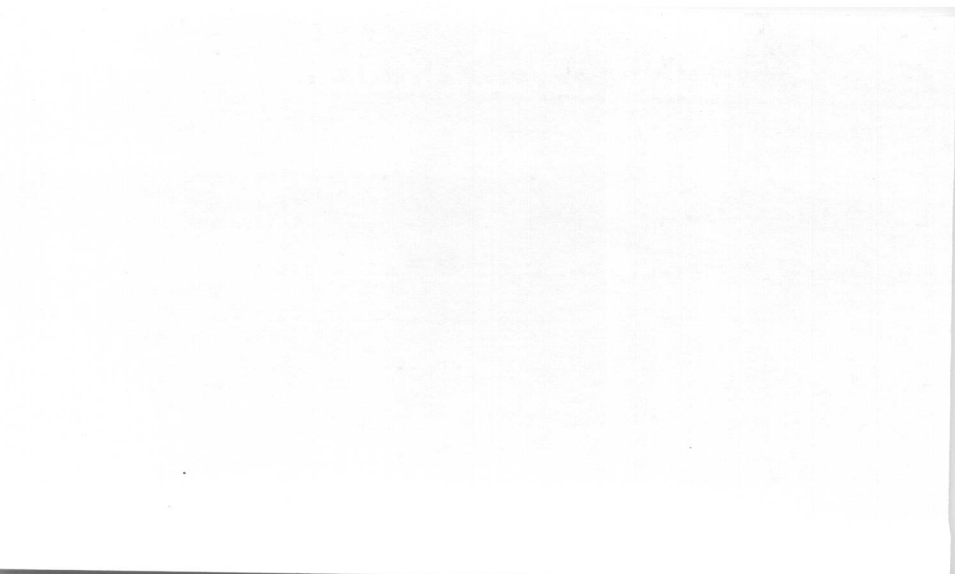
-- RAZOUKS 1994: 10

-- CAMPOS H. & SUÁREZ M., 1995: 101

EUANGARTILUS CALIFORNICUS

--, OWRE + FOYO, 1964a: 343

--, OWRE + FOYO, 1964b: 366



Calanidae - Calanoida

Euvaugaptilus clavatus (G.O. Sars) ♀

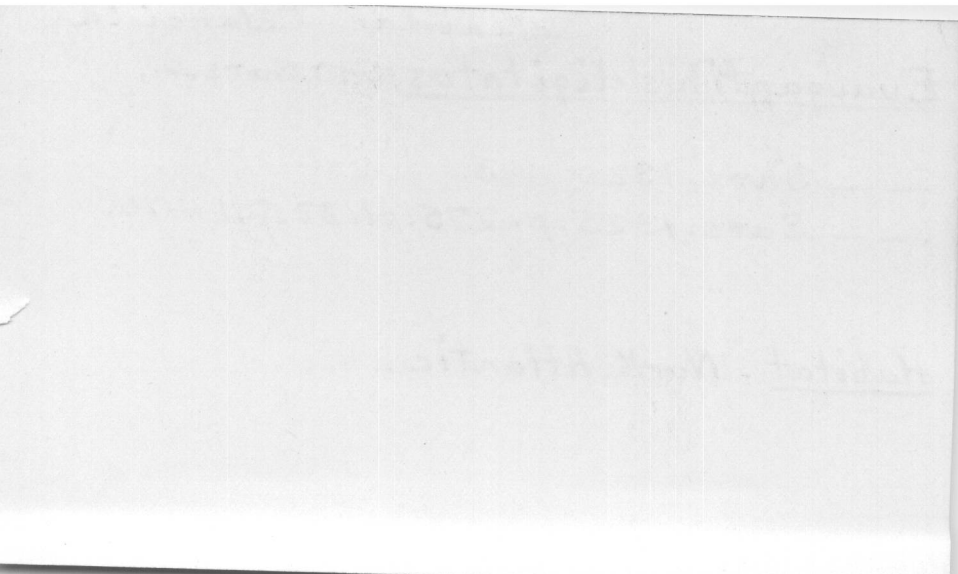
Augaptilus — Sars, 1907, p. 23.

Euvaug. — Sars, 1925, p. 301: pl. 105, f. 1-8.

--, VERVOORT, 1965: 133, 142 SYN. AUGAPTILUS c.

-- MAUCKLINE 1988: 702

Habitat. Temperate Atlantic.



Euaugaptilus curtus, Grice & Hulsemann, 1967, p. 31,
figs. 180-186;

Calanidae - Calanoida

Euvaugaptilus digitatus G.O. Sars. ♀.

— — Sars, 1920, p. 13.

— — Sars, 1925, p. 275: pl. 87, f. 1—16.

--, Vives, 1972, pp. 221-2.

Habitat. North Atlantic.

-- CAMPOS H. + SUÁREZ M. 1995: 101

1871

Euaugaptilus diminutus Park, 1970

-- -- Park, 1970, pp. 478, 529-533, figs. 300-312.

-- CAMPOS HERNÁNDEZ + SUÁREZ M. 1995:101



Calanidae - Calanoida

Euvaugaptilus elongatus (G.O. Sars) ♀♂.

Augaptilus — Sars, 1905, p. 13.

Euvaug. — Sars, 1925, p. 270: pl. 84, f. 1-13.

— —, SEWELL, 1947, p. 203, f. 52, Arctic Seas.

— —, JESPERSEN, 1934, p. 113, W. GREENLAND WATERS. — 1940, p. 60-61, SW of Iceland.

Habitat. Atlantic.

--, Roe, 1972a, pp. 299-

--, Vives, 1972, pp. 221-2.

-- Roe, 1975, p. 360, 361.

--, VERVOORT, 1965: 133, 134-135 SYN. AUGAPTILUS F.

Tanaka & Omori, 1974: 205-207, fig 1b, 6a-j

Euaugaptilus elongatus Sars 1905

card 2

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

Calanidae - Calanoida

Euaugettilus facilis (Farran) ♀.

Augaptilus - Farran, 1909(1906), p. 73: pls. 3 & 8.

— — Wolfenden, 1911, p. 343: pl. 38, f. 1-2; t. f. 75, a-b.

Euauq. - Sars, 1925, p. 273: pl. 86, f. 1-15.

— — Sewell 1932, p. 322, Indian O.

— — " 1947, p. 223,

Habitat, Atlantic: Pacific.

— Tanaka, 1964d: 62-64, fig. 204a-h

— —, JESPersen, 1934, p. 113, W. GREENLAND AREA.

--, Roe, 1972a, pp. 281-

--, Roe, 1972d, p. 1035.

--, VERVOORT, 1965: 133, 141-142 SYN. AGAPTILUS F.

ITOH
--, ~~HATSUMI~~, 1970: TAB. 1

- Tanaka & Omori, 1974: 207-208, fig. 3e, 7a-g

- Deevey & Brooks, 1977: 265

Euaugaptilus facilis (Farran 1908)

card 2

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

-- CAMPOS H. v SUÁREZ M. 1995: 101

Euaugaptilus fagettiae Bjornberg 1975

--, Bjornberg, 1975, pp. 181-184, figs. 31-44

-- PARK 1997:2-

Calanidae - Calanoida

Euaugetilus farrani G.O. Sars ♀.

— — Sars, 1920, p. 15.

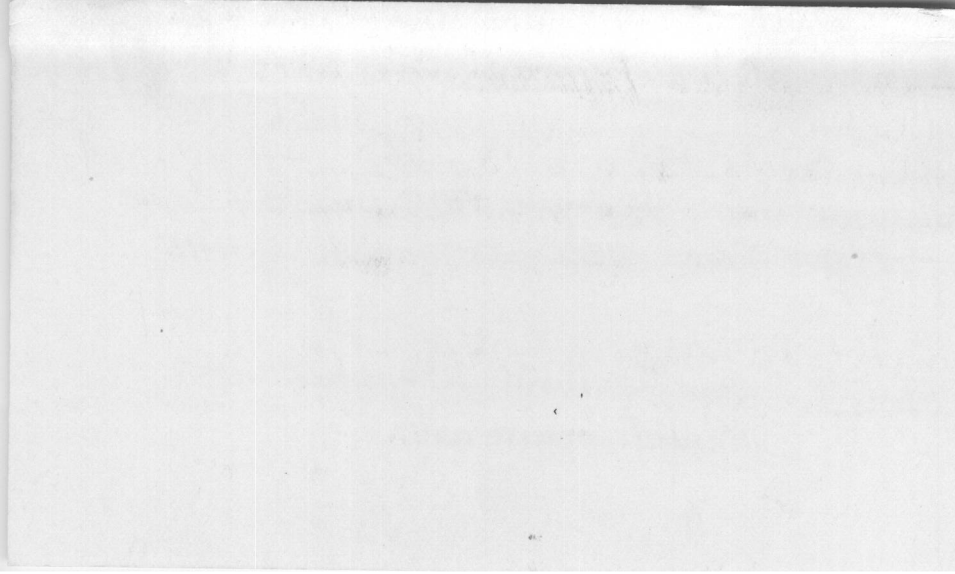
— — Sars, 1925, p. 288: pl. 96, f. 1—15.

--, ^{HOH}KATSUMIHO, 1970: TAB. 1

Habitat, Temperate Atlantic

— Tanaka, 1964d: 48-49, fig. 196a-g

-- HERRING 1988: 184-



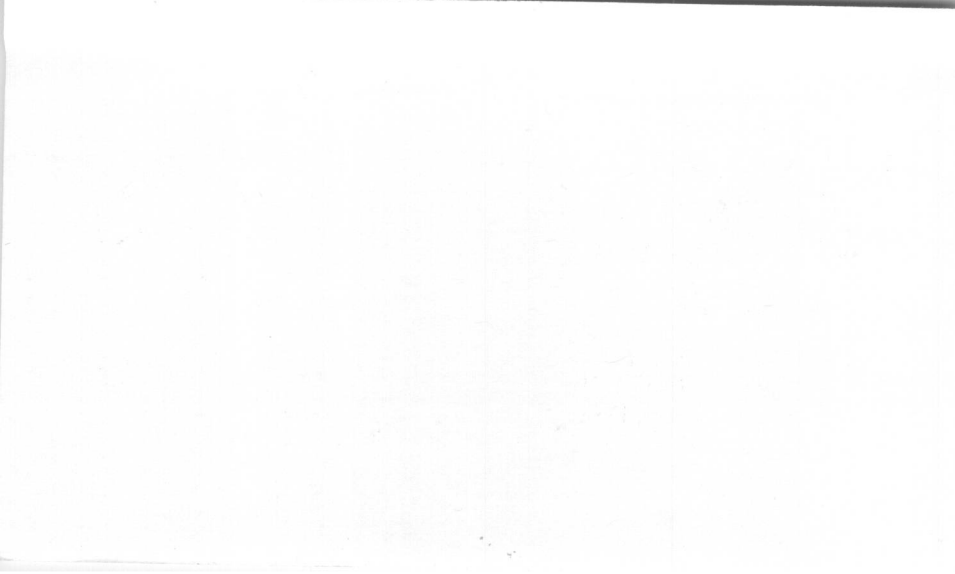
Euagaptilus secundus

TANAKA & Omori

-- Roe, 1975, 351 (fig 26a-h).

- Tanaka, & Omori, 1974 : 209 - 211, fig 1j, 8a-k

-- PARK 1993:2-



Calanidae - Calanoidea

Euvaugaptilus filigerus (Claus), ♀. 1863

Avgaptilus — Giesbrecht, 1892, p. 400.

Hemicalanus — Claus, 1863, p. 179.

Euvaugaptilus — Farran, 1929, p. 269.

— filiger, Sars, 1925, p. 279: pl. 90, f. 1-15.

— filigerus, Wilson 1942, p. 184

— — Sewell 1932, p. 321, Indian O.

Habitat. New Zealand: Temperate Atlantic:
Mediterranean.

— —, Jespersen, 1940, p. 61. S. coast of Iceland.

— —; Park, 1970, p. 477 : 19°02'N, 81°57'W

— —, Taira & Omori, 1974: 211-212, fig. 2b, 9a, b

E. filiger (Claus, 1863) - De ...
-- Hure & Scotto di Carlo, 1968, p. 59.

--, Morris, 1970, p. 2301.

--, Roe, 1972a, pp. 299-

--, Vives, 1972, pp. 221-2.

— Tanaka, 1964d: 51-53, fig. 198a-j

--, Bjornberg, 1963: 104 (table 6)

--, VERVOORT, 1965: 133, 137-138 SYNONYMS HEMICALANUS
FILIGERUS; AORAPTILUS FILIGERUS

--, GRICE, 1969: 454

— Deevy & Brooks, 1977: 265

— FILIGER, DEEVEY, 1971: TAB. 3

ITOH

--, KATSUNAKI, 1970: TAB. 1

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

- Bjornberg, 1981: 653, fig. 220 #2

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

- HERRING 1988: 184-

- FILIGERUS, E. SUAREZ M. 1991b: 239-242, FIGS.

2-4, YUCATAN CHANNEL

- FILIGERUS, CAMPOS H. + SUÁREZ M. 1995: 96, 101, FIGS.

66-I, GULF OF MEXICO, CARIBBEAN

Euaugaptilus fundatus, Grice & Hulsemann, 1967, p. 32
figs. 187-192;

120 101 100 100 100

Calanidae - Calanoida

Euvaugaptilus gibbus (Wolfenden) ♀♂. ①

Augaptilus — Wolfenden, 1904, p. 122

— — Wolfenden, 1911, p. 337: pl. 37, f. 2-3; t. f. 72, a-d.

— — Sars, 1905, p. 16.

Euvaug. Sars, 1925, p. 300: pl. 104, f. 1—16

--, Roe, 1972a, pp. 299-

Habitat, Atlantic.

--, Vives, 1972, p. 222.

--, VERVOORT, 1965: 133, 142-143 SYN. AUGAPTILUS G.

— Devey & Brooks, 1977: 265

-- MAUCKLINE 1988: 702

Euaugaptilus gibbus (Wolfenden, 1904)

card 2

-- Park 1993: 2-, Antarctic; 25-27, Figs. 17, 18

-- RAZOUK 1994: 10



Calanidae - Calanoida

Euvaugaptilus gracilis (G.O. Sars) ♀.

Avgaptilus — Sars, 1905, p. 12.

Euavg. — Sars, 1925, p. 278: pl. 89, f. 1—14.

-- —; Park, 1970, p. 477

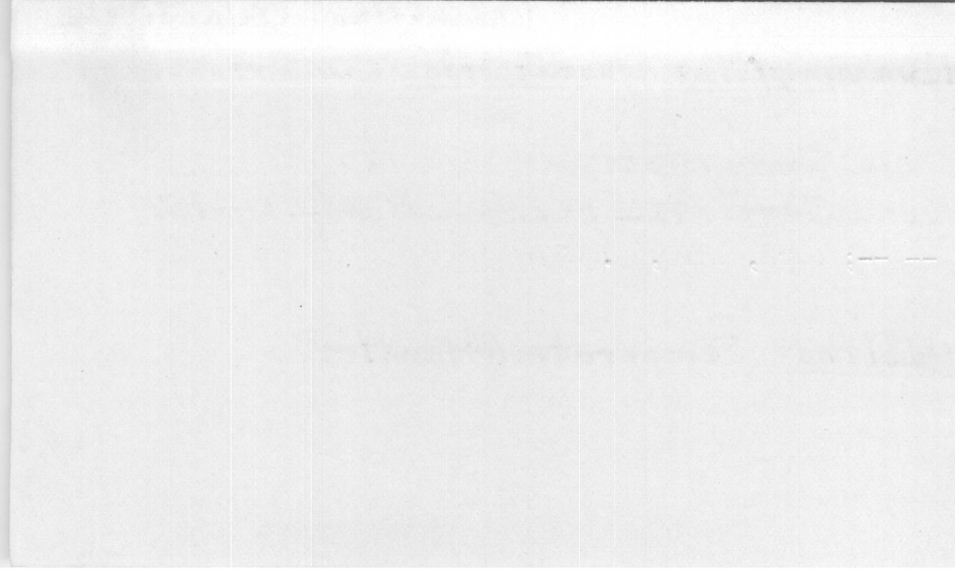
--, GRICE, 1969: 454

Habitat. Temperate Atlantic.

— Tanaka & Omori, 1974: 212—214, fig. 1b, 10a-j

— Decey & Brooks, 1977: 265

-- MAUCHLINE 1988: 702



EUANGAPTILUS GRACILOIDES BRODSKY

— — 1950, P. 381, Fig. 270.

--, MOTODA & MINODA, 1974: 233

— Tanaka & Omori, 1974: 214-217, fig 3f., 11a-n

Calanidae - Calanoida

Euvaugaptilus grandicornis G.O. Sars ♀.

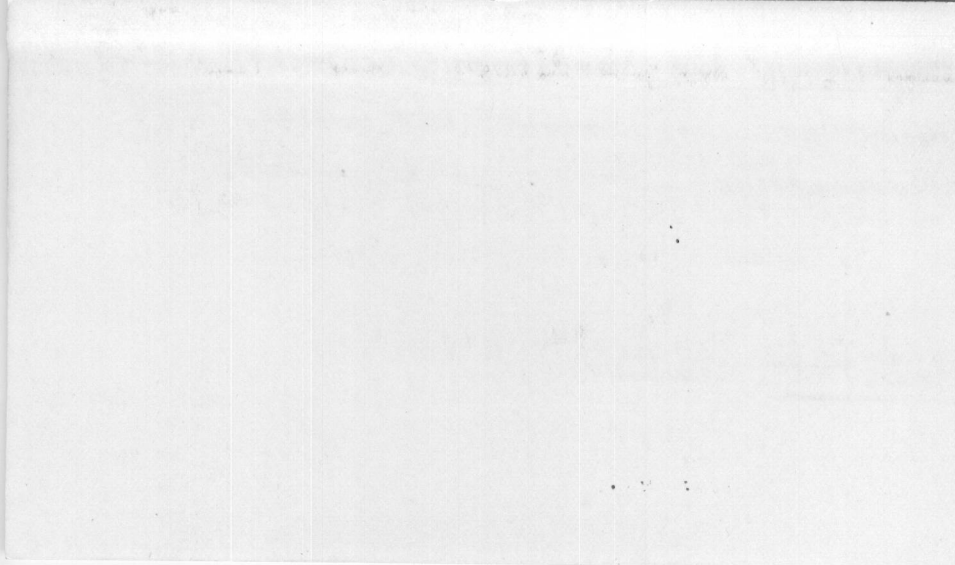
— — Sars, 1920, p. 14.

— — Sars, 1925, p. 286: pl. 94, f. 1—15.

— —, SEWELL, 1941, p. 207, f. 54, N. Arabian Sea.

— — HERRING 1988: 184—

Habitat. Temperate Atlantic.



Euaugaptilus hadrocephalus Park, 1993

-- Park 1993: 1,2,3, 6-9, Figs. 3,4, n. sp. female only,

Antarctic and South Pacific

-- RAZOUK 1994: 10



= EUANGAPTILUS

Calanidae - Calanoida.

Augaptilus hecticus Giesbrecht, ♂, ♀. ①

= Euangaptilus hecticus.

— — Giesbrecht, 1892, p. 414: pl. 27, fig. 30: pl. 28,
fig. 5, 9, 16, 30, 33, 37: pl. 29, fig. 18: pl. 39, fig. 45.

— — T. Scott, 1894, p. 35: pl. 1, fig. 37-39: pl. 2, fig. 1-4;

— — Giesbrecht, 1889, c, p. 814. [38-42

Habitat. Mediterranean: Gulf of Guinea.

- — Giesbrecht & Schmeil, 1898, p. 122.
- — A. Scott, 1909, p. 136.
- — Wolfenden, 1911, p. 339.

Calanidae — Calanoida.

Evauaptilus hecticus (Giesbrecht), ♀, ♂. (2)

Auaptilus — Giesbrecht, 1892, p. 414.

Evauaptilus — Farran, 1929, p. 269.

— — Sewell 1932, p. 323, Indian O.

— —, Grice, 1962, p. 226, pl. 26, fig. 15-17

— —, Owren, 1962

— —; Park, 1970, p. 477

Habitat. New Zealand.

— —, Hure & Scotto di Carlo, 1968, p. 59.

— —, DEEVEY, 1971: TAB. 3

— —, OWREN & FOYO, 1972: TAB. 3

- , Roe, 1972a, pp. 299-
- , Vives, 1972, p. 222.
- Tanaka & Omori, 1974: 217—, fig. 2a
- , Bjornberg, 1963: 9, 54, 124
- , OWREN & FOYO, 1964b: 366
- Tanaka, 1964d: 71—72, fig. 209a-g
- , SCOTTO DI CARLO, ET AL., 1975: TAB. 1
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RUTHER,
1966 (UNPUBL.): APPENDIX
- Marikova & Campos, 1967: 67
- SANDER & MOORE 1978: 232.
- Tanaka, 1965a: 29, fig. 12a-b.
- GRICE & HART 1962b: TABLE 3, w. NORTH ATLANTIC

EUAUGAPTILUS HECTICUS (GIESBRECHT) CARD 3

--, MADHU PRATAP & HARIDAS, 1986: 108, 109 -

INDIAN OCEAN

—Deevey & Brooks, 1977: 265

—Moryakova & Kampos, 1966: 131, passim Cuba

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

- CUMMINGS 1982: 33-, GULF OF MEXICO

- COPLEBY ET AL. 1989: 12-, NW ATLANTIC

- SUAREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO

-- ALI-KHAN & ALI-KHAN 1984: 304-305, FIGS.

7-12, INDIAN OCEAN

Euaugaptilus hecticus (Giesbrecht)

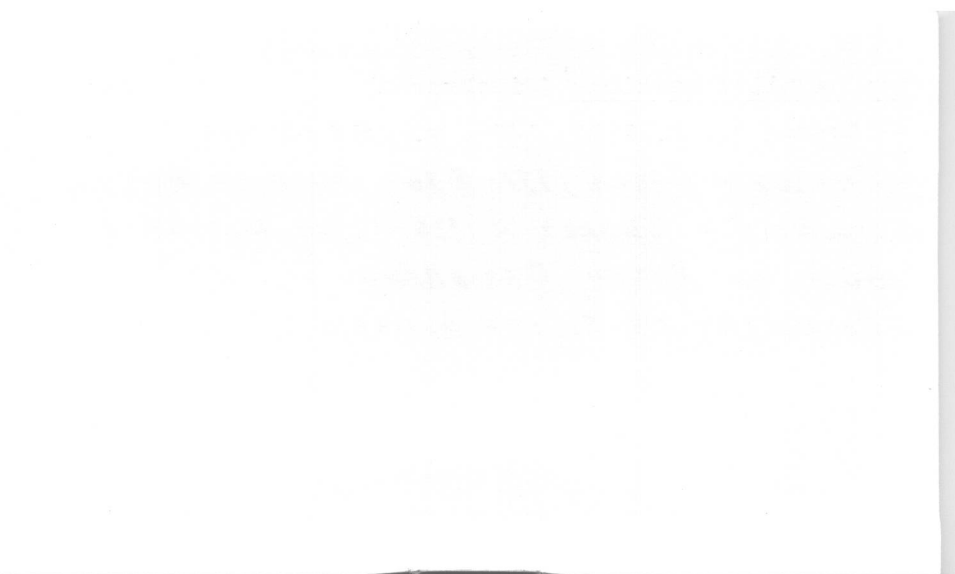
card 4

-- Suarez M., E. 1992: 145-, w. Gulf of Mexico

-- SUAREZ + GASCA 1991: 596-, GULF OF MEXICO

-- CAMPOS H. + SUÁREZ M. 1995: 96, 101, FIGS. 6E-F,
GULF OF MEXICO, CARIBBEAN

-- ROSE 1934: 59-81, OFF ALGERIA



Euaugettilus humilis Farran ♀.

- — Farran, 1926, p. 289: pl. 10, figs. 4-10
-- --, Grice, 1963. pp. 498-500, fig. 1, H-J
-- --, Grice & Hulsemann, 1967, p. 32,
-- --; Park, 1970, p. 477
-- --, Roe, 1972a, pp. 299-

Habitat. Bay of Biscay. 350 fath.

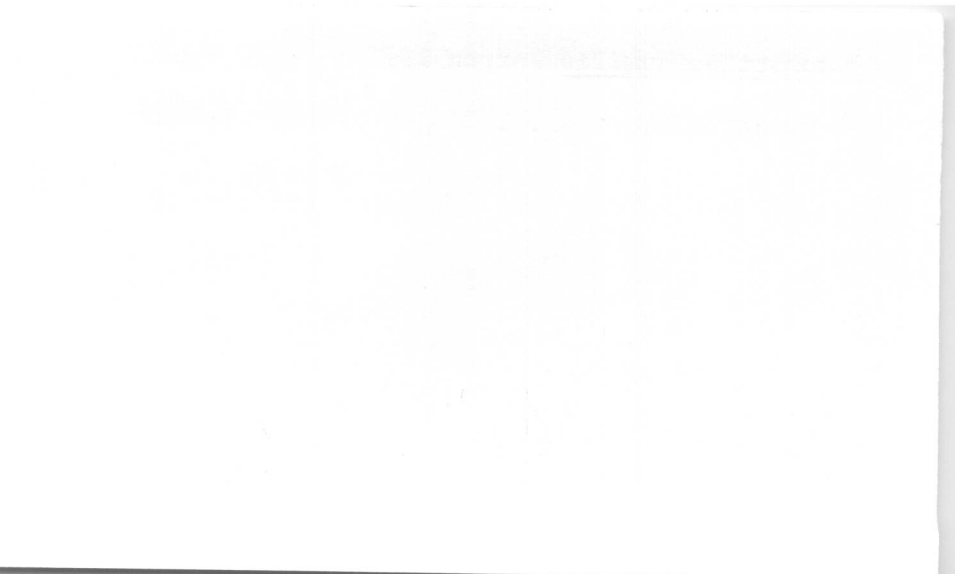
- --, Roe, 1972d, p. 1035.
- Tanaka & Omori, 1974: 218-220, figs 1a, 12a-j
- Bjornberg, 1981: 653, fig. 219 #11

-Deevey & Brooks, 1977:265

Euaugptilus humilis Farran 1926

card 2

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



EUAUGAPTILUS

HYPERBOREUS

BRODSKY

— — 1950, P.P. 383, fig. 272.

-- --, Johnson, 1963. pp. 92, 93, 97

--, Roe, 1972a, pp. 299-

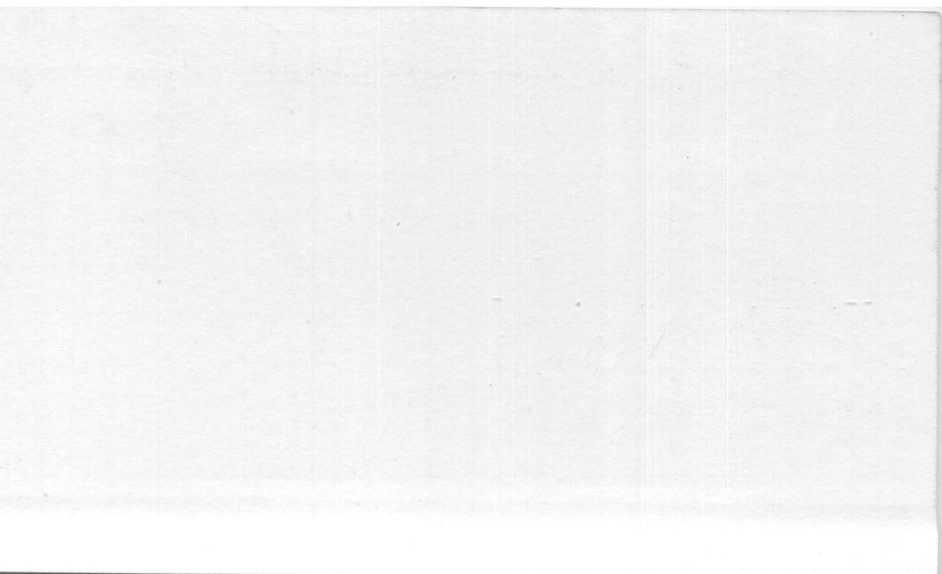
--, Roe, 1972d, p. 1035.

-- Roe, 1975, p. 360, 361

— Tanaka & Omori, 1974: 220 - 224, fig. 1c, 13a-o

-- Soldevilla, et al 1988: 60 Canary Islands

-- PARK 1993: 11



Calanidae - Calanoïda

Evauqaptilus indicus Sewell, 1932-♀.

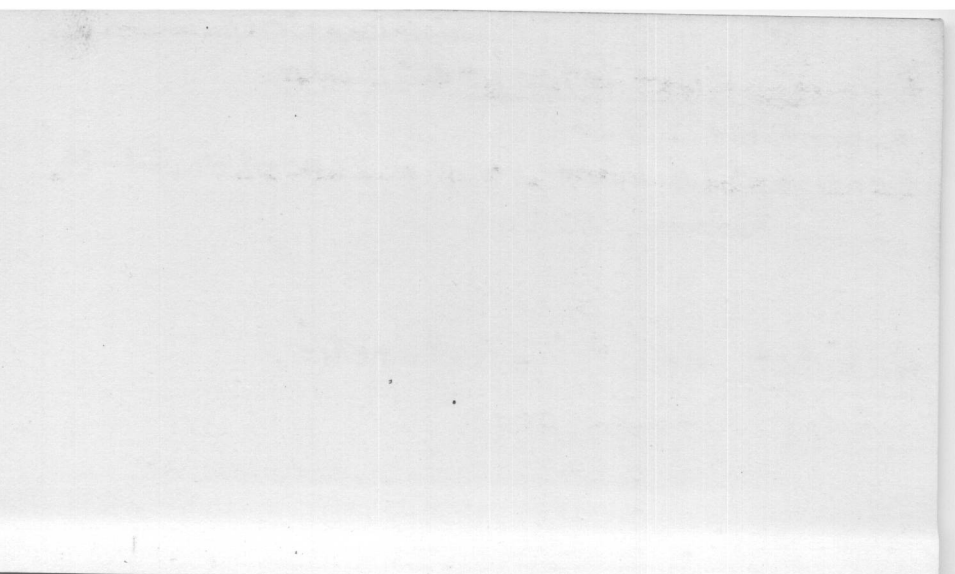
— — Sewell, 1932, p. 319: fig. 105, a-j

— — " , 1947, p. 201, F. 51,

— — Tanaka & Omori, 1974: 224-226, fig. 1f, 14a-

-- ALI-KHAN & ALI-KHAN 1984: 305, OFF
PAKISTAN (INDIAN OCEAN)

Habitat. Indian Seas.



Evauagaptilus laticeps (G.O. Sars), ♀, ♂.

Augaptilus - Sars, 1905, p. 11

Evauagaptilus - Sars, 1925, p. 264: pl. 80, f. 1-14.

--- Farran, 1929, p. 269

--- Sewell 1932, p. 321, Indian O.

--- " 1947, p. 209, F. 55, Ambien Sea area.

Habitat. Atlantic: Antarctic.

---, Jespersen, 1940, p. 59. S. coast of Iceland.

--- Tanaka and Omori 1967, pp. 239-260.

-Deevey & Brooks, 1977: 265

-Tanaka & Omori, 1974: 226-227, fig. 2e, 15a-e

- ; Vervoort, 1957, p. 139, fig. 131
---, Roe, 1972a, pp. 299-
--, Vives, 1972, p. 222.
--, VERVOORT, 1965: 133, 136
--, ^{ITOH} KATSUNAKO, 1970: TAB. 1
— Tanaka, 1964d: 50-51, fig 197a-g
-- MAUCKLINE 1988: 702

Euaugaptilus laticeps (Sars 1905)

card 2

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

-- HERRING 1988: 184-

-- BOXSHALL 1992: 353 -

-- PARK 1993: 27, ANTARCTIC; 30-32, FIGS. 21, 22; IS

DISTINCT FROM E. ANTARCTICUS

-- SUÁREZ M., E. 1992: 145-, W. GULF OF MEXICO

-- SUÁREZ + GASCA 1991: 596-, GULF OF MEXICO

-- RAZOUKS 1994: 170-, PL. 83, ANTARCTIC; 10

-- CAMPOS H. + SUÁREZ M. 1995: 101

Calanidae - Calanoida

Euaugaptilus latifrons (G.O. Sars) ♀.

Augaptilus — Sars, 1907, p. 22.

Euauq. — Sars, 1925, p. 295; pl. 101, f. 1-14.

— Sewell 1932, p. 323, fig. 106, ♀, Indian O.

— —, " 1947, p. 232, Arabian Sea area

Habitat. Temperate Atlantic.

--, Roe, 1972a, pp. 299-

-- Roe, 1975, pp. 352-353 (fig 26 i-g)

--, VERVOORT, 1965: 133, 144 SYN. Augaptilus L.

-- ROBERTS & FLEMING 1961: 111

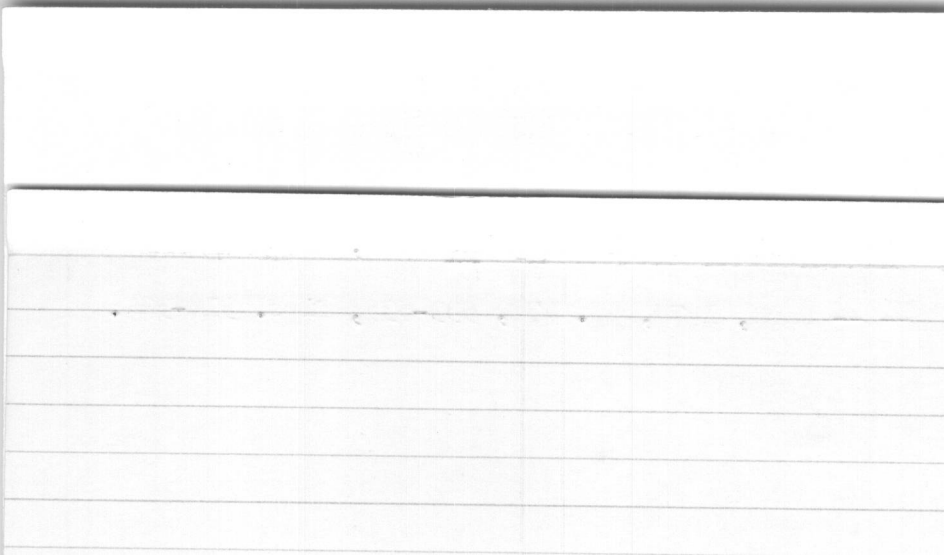
-Tanaka & Omori, 1974: 227-230, fig 12, 16a-j

Euaugaptilis latifrons Sars 1907

card 2

-- Soldevilla, et al 1988: 60 Canary Islands

- ALI-KHAN & ALI-KHAN 1984: 305, FIGS. 13-
20, OFF PAKISTAN - INDIAN OCEAN



Calanidae - Calanoida

Euaugettilus longicirrus (G.O. Sars) ♀.

Augettilus — Sars, 1905, p. 15.

Euaugettilus — Sars, 1925, p. 291: pl. 98, f. 1—13

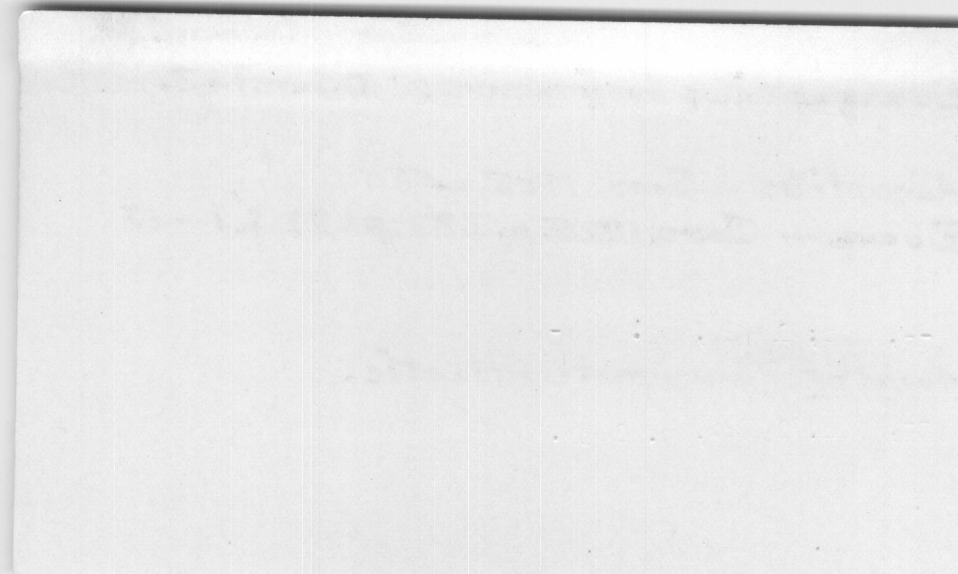
— —, SEWELL, 1947, p. 229, f. 62, Arabian Sea area.

--, Roe, 1972a, pp. 299-

Habitat, Temperate Atlantic

--, Roe, 1972d, p. 1035.

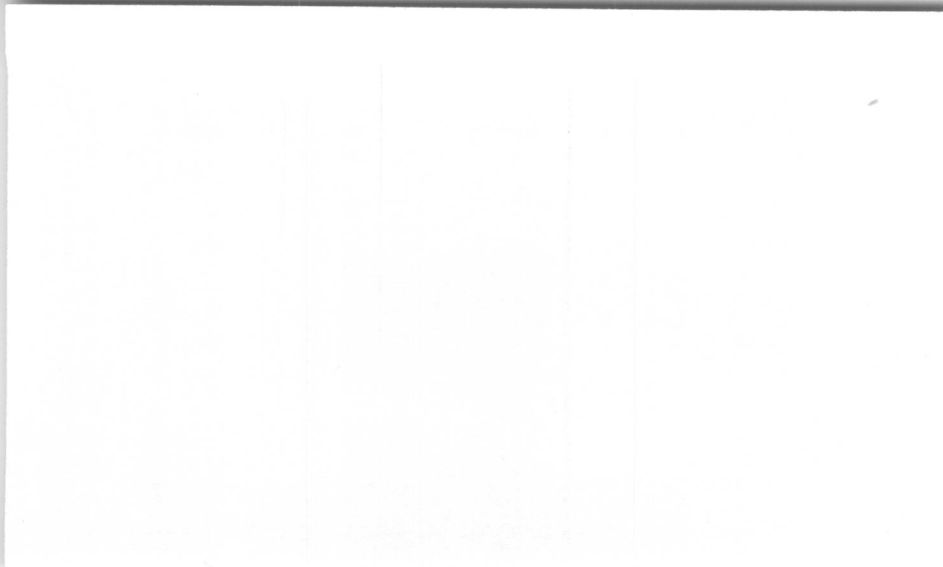
?--, Roe, 1975, pp. 355-357 (fig 28a-h)



Euaugaptilus longicirrhus (Sars 1907)

card 2

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



Euaugetilus longimanus (G.O. Sars) ♀♂.

Augaptilus — Sars, 1905, p. 17

Euauget. — Sars, 1925, p. 282; pl. 92, f. 1—17

— — SEWELL, 1947, p. 223, F. 60.

— Decey & Brooks, 1977: 265

Habitat. Temperate Atlantic.

-- -- Tanaka and Omori, 1967, pp. 239-260.

--, Morris, 1970, p. 2301.

---, Roe, 1972a, pp. 299-

--, Roe, 1972d, p. 1035.

- — Rose, 1929, p. 35.
- , Furuhashi, 1966: 307
- , VERVOORT, 1965: 133, 143-144 540, AGAPTILUS L.
- , ^{ITOH,} ~~KATSUNO,~~ 1970: TAB. 1
- , OWRE & FOYO, 1964a: 343
- Tanaka & Omori, 1974: 230-233, fig. 3j, 17a-
- Tanaka, 1964d: 69-70, fig 208 a-j
- MAUCKLINE 1988: 702

Euaugaptilus longimanus Sars 1905

card 2

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

- BOWMAN 1978a: 114-



Euaugaptilus longiseta Grice & Hulsemann

-- -- Grice & Hulsemann, 1965, pg. 247, fig. 18 (b) to
(f)

Euangaptilus luxus Tanaka & Omori;

→ Tanaka & Omori, 1974: 233-235, fig 1K, 18a-m

- PARK 1993: 2 -

Calanidae - Calanoida

Evauqaptilus magnus (Wolfenden), ♀♂. (1)

Augaptilus - Wolfenden, 1904, p. 122

— — Wolfenden, 1911, p. 341: pl. 37, f. 4-9: t. f. 73, a-b.

Evauq. — Sars, 1925, p. 262: pl. 79, f. 1-16.

— — Sewell 1932, p. 322 Indian O.

— — SEWELL 1947, p. 213, Arabian Sea area.

Habitat. Atlantic: Pacific.

— —, JESPERSEN, 1934, p. 112, W. GREENLAND WATERS.

— —, " , 1940, p. 58-59. S. coast of Iceland.

— —, OWREN & FOYO, 1964a: 343

— — Rose, 1929, p. 35.

-- -- Tanaka and Omori, 1967, pp. 239-260.

--, ^{ITOH,} ~~KATOHIRO,~~ 1970: TAB. 1

--, OWRE + FOYO, 1972: TAB. 3

--, OWRE + FOYO, 1964b: 366

— Tanaka & Omori, 1974: 235-236, fig. 2f, 19a-

Euaugapitlus magnus (WOLFENDEN, 1904)

-- -- Tanaka and Omori, 1967, pp. 239-260.

-- --; Park, 1970, p. 478

-- --; Vervoort, 1957, p. 139-140.

--, Roe, 1972a, pp. 299-

--, Vives, 1972, pp. 221-2.

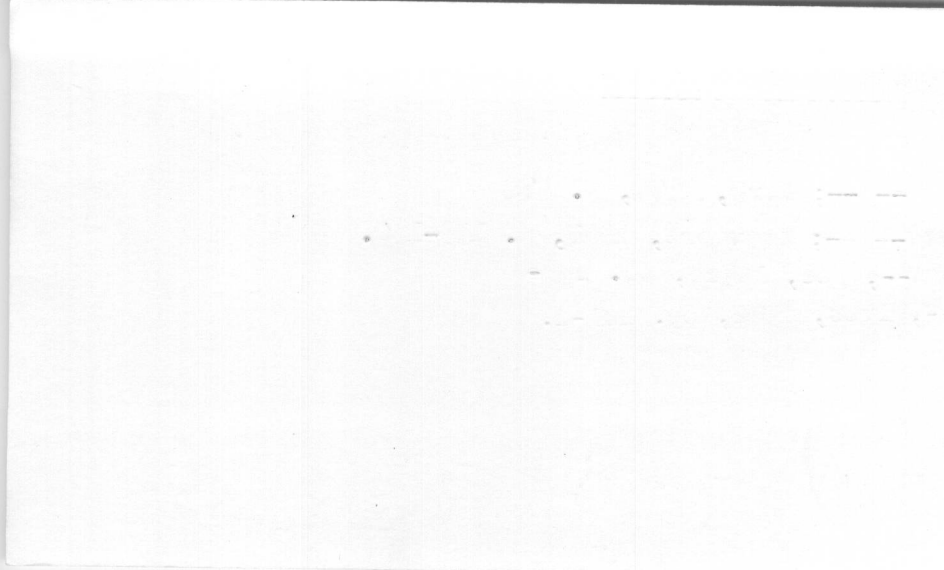
--, VERVOORT, 1965: 133

--, Klein, 1982, p. 383

-- SANDER + MOORE 1978: 233.

-- Tanaka, 1964d: 53-55, fig. 199 a-g

-- Deevey & Brooks, 1977: 265



Euaugaptilus magnus (Wolfenden, 1904)

card 3

-- Mauchline 1988: 702

-- LE BORGNE 1986: 136-

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

- CUMMINGS 1982: 34-, GULF OF MEXICO

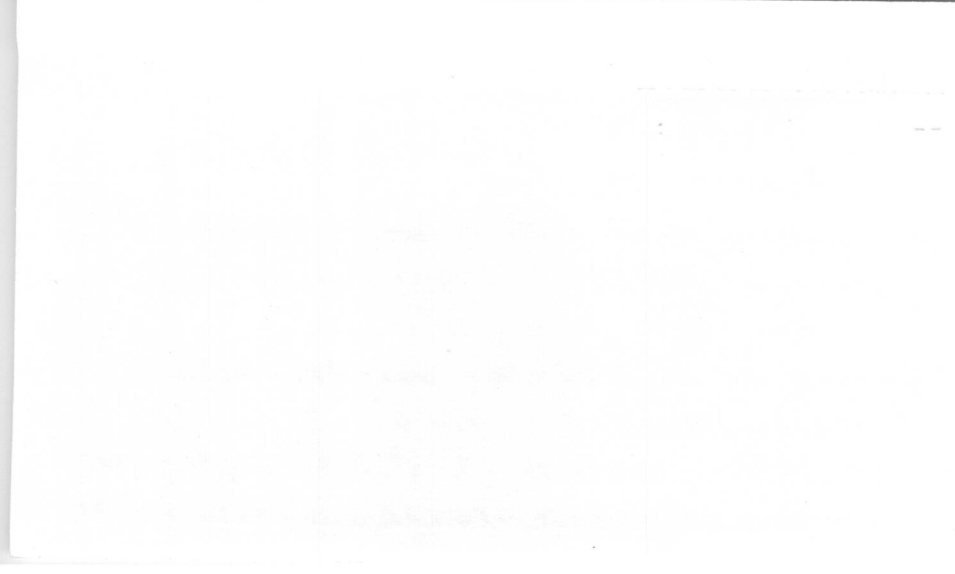
- HERRING 1988: 184-, PL. I D, E

- COPLEY ET AL. 1989: 12, NW ATLANTIC

- BOXSHALL 1992: 353-, FIG. 6

-- PARK 1993: 1-, ANTARCTIC; 41-44, FIGS. 29, 30; SYNS.

AUGAPTILUS FUNGIFERUS STEURER + A. VALIDUS SCOTT



Euaugaptilus magnus (Wolfenden, 1904)

card 4

-- Razouls 1994: 10

-- CAMPOS HERNÁNDEZ + SUÁREZ M. 1995: 101

= F. MAGNUS

Calanidae - Calanoida,

Augaptilus gungiferus Steuer, ♀.

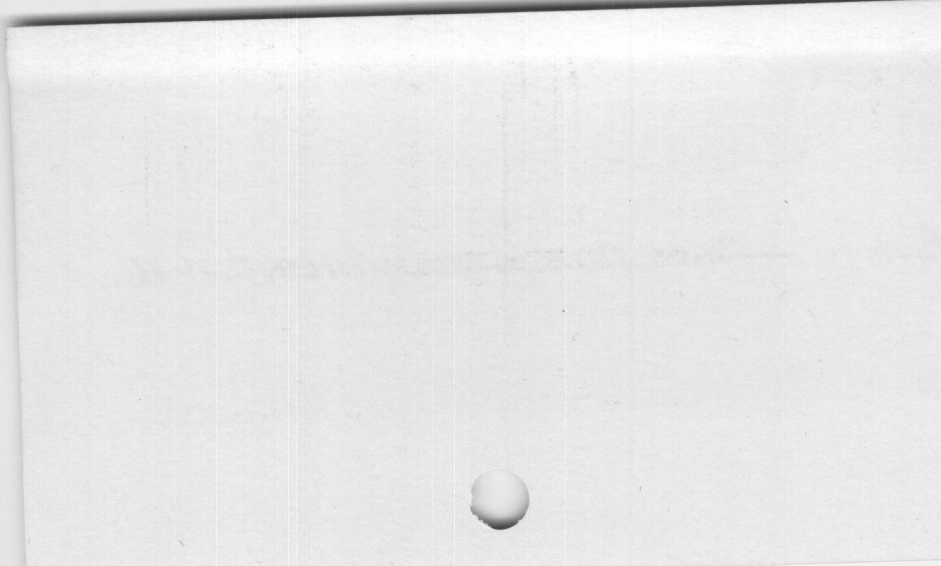
— — Steuer, 1904, p. 597.

— — Wolfenden, 1911, p. 336: pl. 36. fig. 8:
Text-fig. 71, a-b.

Euangaptilus magnus; Verwoort, 1957, p. 139-140.

F. MAGNUS; PARK 1993: 42, 44

Habitat. Antarctic.

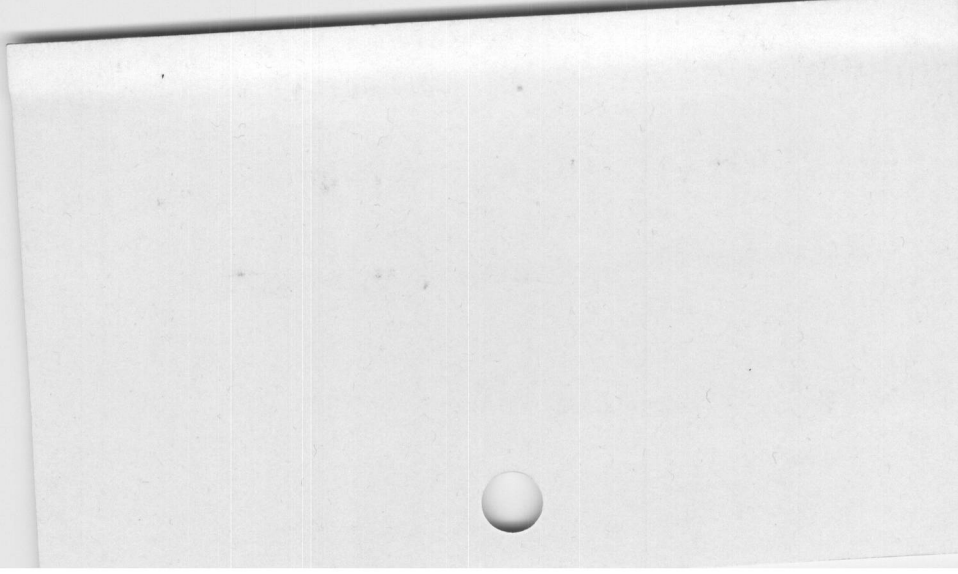


Calanidae - Calanoida
Augaptilus validus A. Scott, ♂. ♀.

— A. Scott, 1909, p. 138: pl. 43, figs. 1-10.

Euaugaptilus magnus; Vervoort, 1957, p. 139-140.
= E. MAGNUS, PARK 1993: 42, 44

Habitat. Malaysia.



Euaugaptilus malacus, Grice & Hulsemann, 1967, p. 33,
figs. 196-200;



EUAUGAPTILUS MARGINATUS Tanaka

- Tanaka, 1964d: 64-66, fig. 205a-K
-, HOH, 1970: TAB. 1

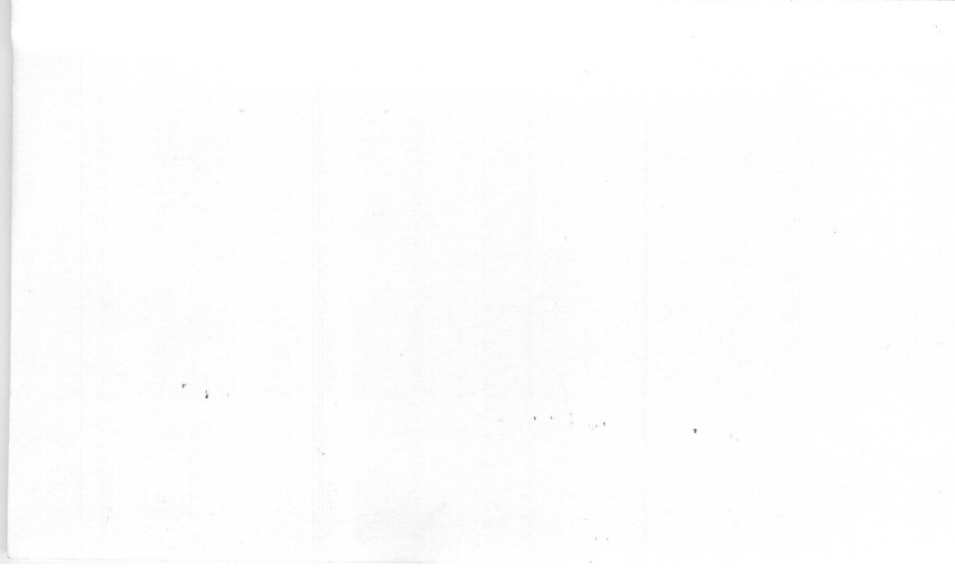


Euaugaptilus matsuei

-- -- Tanaka and Omori, 1967, pp. 239-260.

→ Tanaka & Omori, 1974: 237, fig 1g

-- PARK 1993: 12



Calanidae - Calanoida

Evauqaptilus maxillaris G.O. Sars ♀. ①

— — Sars, 1920, p. 15.

— — Sars, 1925, p. 287: pl. 95, f. 1—13

--, Roe, 1972a, pp. 299-

--, Roe, 1975, pp. 353-355, (fig 27a-g)

Habitat. Temperate Atlantic.

--, VERVOORT, 1965: 133, 135-136

— Tanaka & Omori, 1974: 237-239, fig 1d, 20a-j

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

- PARK 1933: 2-, ANTARCTIC: FIGS. 1, 2 (pp 5, 6)



Euaugaptilus maxillaris G.O. Sars, 1920

card 2

-- Razouls 1994: 10

EUANGAPTILUS MIXTUS BRODSKY

— 1950, P. 379, fig. 268.

preoccupied Sars 1907 = E. brodskyi Grice and
Hulsemann 1967 p 30 figs 174-9

—, Roe, 1972a, pp. 299-

—, Roe, 1972d, p. 1035.

— Roe, 1975, p. 358-360.

—, ^{ITOH} ~~KATSUKI~~, 1970: TAB. 1

—, MOTODA + MINODA, 1974: 215, 233

→ Tanaka, 1964d: 58-60, fig 202a-j

Euaugaptilus mixtus

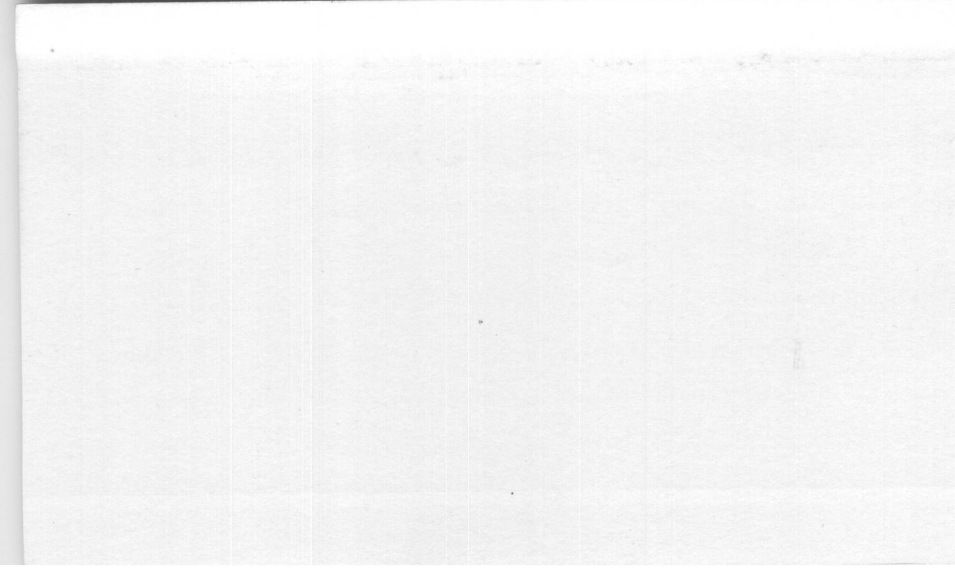
card 2

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



EUANGAPTILUS MODESTUS BRODSKY

— — 1950, P. 382, FIG. 271.



Euangoptilus niveus Tanaka & Omori

-Tanaka & Omori, 1974: 239-241, fig 3K, 21a-l

- PARK 1993: 2-

Evauqaptilus nodifrons (G.O. Sars) ♀♂.

Augaptilus — Sars, 1905, p. 13.

Evauq. — Sars, 1925, p. 267: pl. 82, f. 1-15.

— — Sewell 1932, p. 316, fig. 104 ♀♂, Indian O.

— —, " 1947, p. 206, f. 53, N. Arabian Sea.

Habitat. Atlantic: Pacific.

— —, Jespersen, 1940, p. 60. S. coast of Iceland.

-- --, Grice & Hulsemann, 1967, p. 33, figs. 201-203;

-- -- Tanaka and Omori, 1967, pp. 239-260.

— —; Park, 1970, p. 478

- , Roe, 1972a, pp. 298-
- , Roe, 1972d, p. 1035.
- , Vives, 1972, pp. 221-2.
- , VERVOORT, 1965: 133, 134 SYNONYMS: AGAPTILUS N. ;
A. SIMPLEX ; E. SIMPLEX
- , OWREN FOYO, 1964a: 343
- , OWREN FOYO, 1972: TAB. 3
- Tanaka & Omori, 1974: 242, ~~243~~ 243, Fig. 1e,
22a-e
- Tanaka, 1964d: 47-48, fig. 195a-g
- Deevy & Brooks, 1977: 265
- MAUCKLINE 1988: 702

Euaugaptilus nodifrons Sars 1905

card 2

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

-- HERRING 1988: 184-

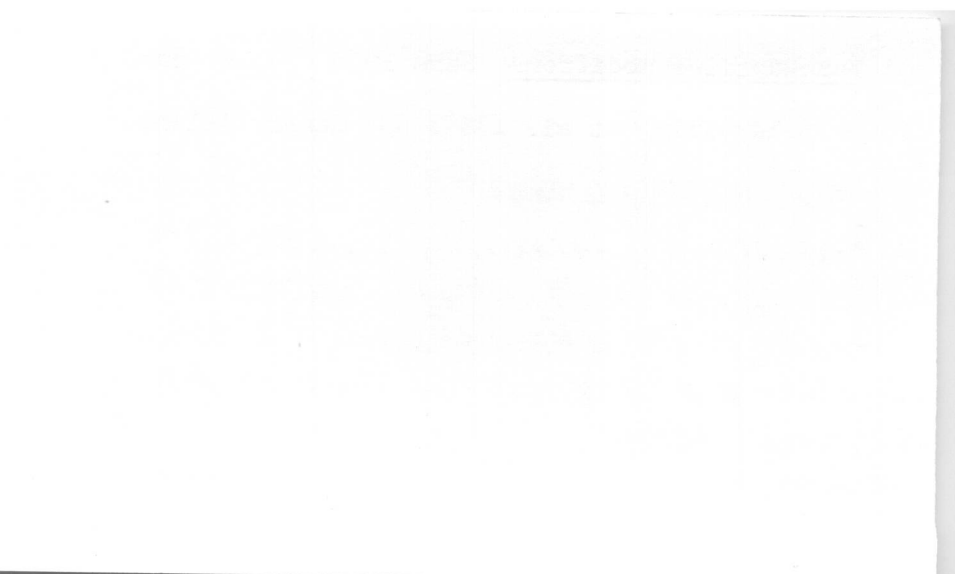
-- PARK 1993: 2-, ANTARCTIC; 14-19, FIGS. 9-11

-- ALI-KHAN & ALI-KHAN 1984: 305-307,
FIGS. 21-29, OFF PAKISTAN-INDIAN OCEAN

-- SUÁREZ M., E. 1992: 145-, W. GULF OF MEXICO

-- RAZOUKS 1994: 10

-- CAMPOS H. + SUÁREZ M. 1995: 96, 101, FIG. 6B-D, GULF
OF MEXICO, CARIBBEAN



EUAUGAPTILUS NODUS Tanaka

- Tanaka, 1964d: 60-62, fig. 203a-K

--, ITOH, 1970: TAB. 1

--STEPHEN 1984: 168-, BAY OF BENGAL



Euvaugaptilus oblongus (G.O.Sars) ♀♂.

Augaptilus — Sars, 1905, p. 11.

Euvaug. — Sars, 1925, p. 266: pl. 81, f. 1-16

— — Sewell 1932, p. 322

— — " 1947, p. 218, f. 58 - author's name.

Habitat, Temperate Atlantic; Pacific.

— Devey & Brooks, 1977: 265

— — Jespersen, 1940, p. 59-60. Iceland.

— — —, Grice & Hulsemann, 1967, p. 34,

— Tanaka & Omori, 1974: 243-244, fig 2c, 23a-c

-- -- Tanaka and Omori, 1967, pp. 239-260.

-- --; Park, 1970, p. 478

--, Roe, 1972a, pp. 299-

--, Vives, 1972, pp. 221-2.

--, VERVOORT, 1965: 133, 139-140 SYN. AGAPTILUS O.

--, ^{ITOH}~~KATSUNO~~, 1970: TAB. 1

- Tanaka, 1964d: 55-56, fig. 200a-f

Euaugaptilus oblongus Sars 1905

card 2

-- Soldevilla et al. 1988: 60 Canary Islands

-- PARK 1993: 2, ANTARCTIC; 44-47, FIGS. 31, 32

-- RAZOUK 1994: 10

-- CAMPOS H. + SUÁREZ M. 1995: 101



Calanidae - Calanoida

Euauqaptilus palumboi (Giesbrecht) ♀

Auqaptilus — Giesbrecht, 1889, p. 813.

— — Cleve, 1904, p. 185; Stebbing, 1910, p. 538

— — Giesbrecht, 1892, p. 400: pls. 27, 28, 39.

— — A. Scott, 1909, p. 137.

--, Furuhashi, 1966: 310, 313

Habitat. Atlantic: Pacific.

— Deevoy & Brooks, 1977: 265

--, FASHAM, ET AL., 1974: TAB. 1, 4, 9

— Tanaka & Omori, 1974: 245 — , fig. 3h, 24a-d

— Tanaka, 1964d: 66-67, fig. 206a-b

— — Wolfenden, 1911, p. 340

Evauq. — Sars, 1925, p. 302: pl. 105, f. 9-19.

— —, Brodsky, 1950, p. 374, fig. 263.

— —; Park, 1970, p. 478

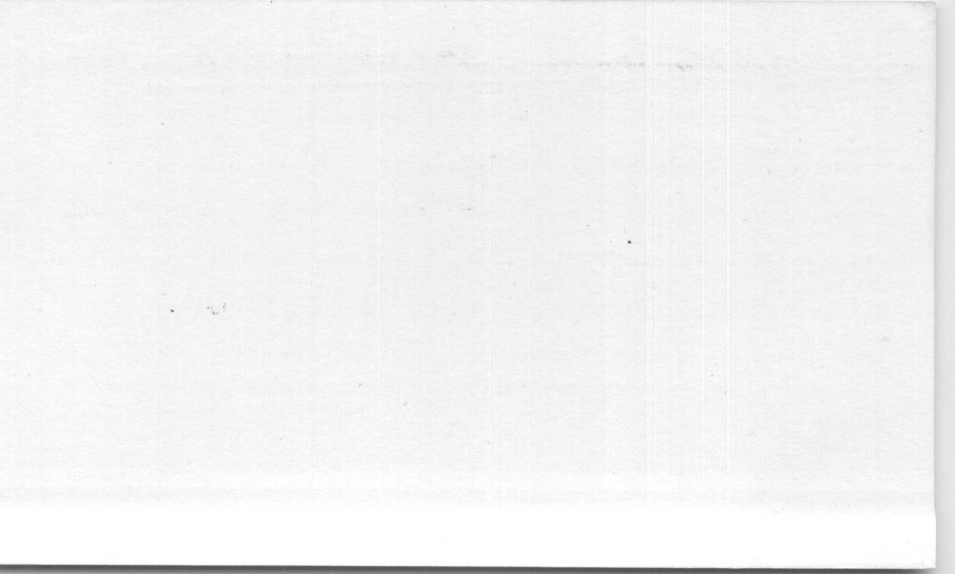
— —, Roe, 1972a, pp. 299-

— —, Roe, 1972d, pp. 1030, 1034-5.

— Tanaka, 1965a: 29, fig. 13a-b.

EUAUGAPTILUS PARABULLIFER BRODSKY

— — 1950, P. 376, fig. 266.



Calanidae - Calanoidea

Euvaugaptilus penicillatus G. O. Sars ♀.

— — 1920, Sars, p. 16

— — Sars, 1925, p. 294: pl. 100, f. 1—15.

— —, SEWELL, 1947, p. 205, N. Arabian Sea.

— —, JESPERSEN, 1934, p. 119, W. GREENLAND WATERS.

Habitat. Temperate Atlantic.

— Deevy & Brooks, 1977: 265

Journal of the Proceedings of the
General Assembly of the
Church of Scotland

1854
1855
1856
1857
1858
1859
1860
1861
1862
1863
1864
1865
1866
1867
1868
1869
1870
1871
1872
1873
1874
1875
1876
1877
1878
1879
1880
1881
1882
1883
1884
1885
1886
1887
1888
1889
1890
1891
1892
1893
1894
1895
1896
1897
1898
1899
1900

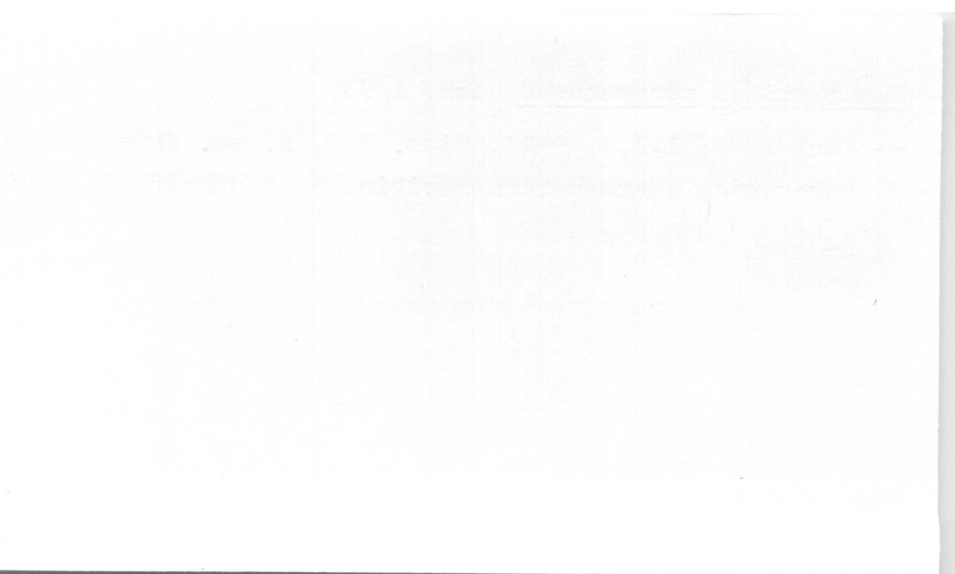
Index of the Proceedings of the
General Assembly of the
Church of Scotland

Euaugaptilus perasetosus Park, 1993

-- Park 1993: 1,2,3, 9-13, Figs. 5,6, n. sp. female only

Antarctic, southeastern Pacific, southwestern Atlantic

-- RAZOULS 1994: 10



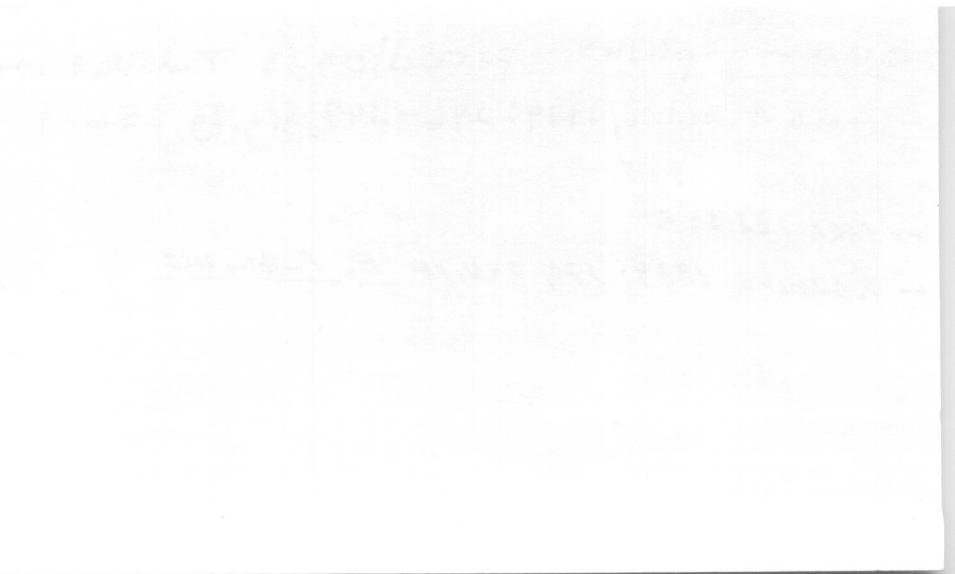
Euangaptilus perodiosus Tanaka & Omori

- Tanaka & Omori, 1974: 246-247, figs. 29, 25a-f

-- HERRING 1988: 184-

-- PARK 1993: 2-

-- RAZOUKS 1994: 170, SYN. OF E. PLACITUS



Euangaptilus placitus (Scott)

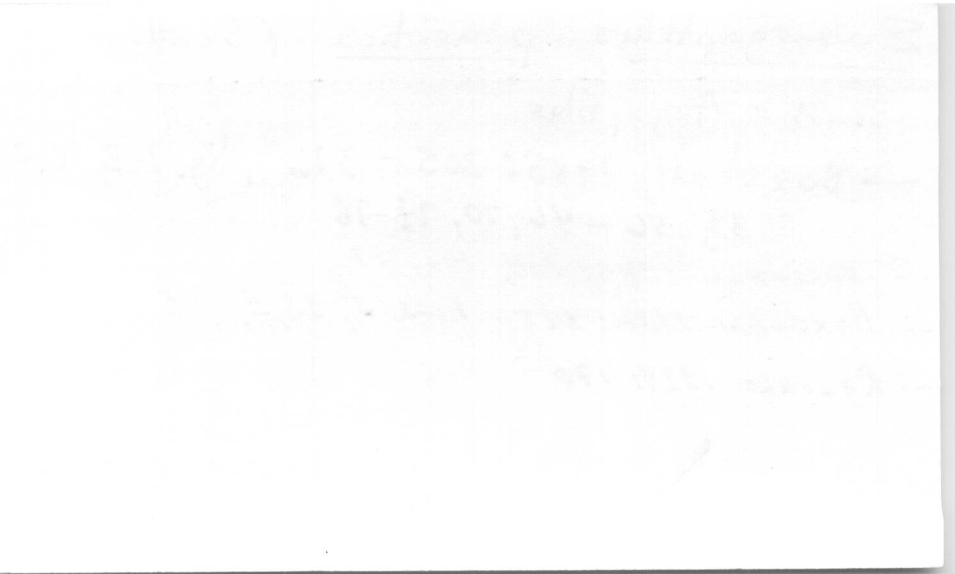
Scott = Angaptilus

→ Boxshall, 1985: 305 - 376, fig. 1-3, 12-23
35, 36 - 46, 70, 74-78

-- BOXSHALL 1986: 164, FIG. 2D

-- BOXSHALL 1992: 348-, FIGS. 1J, 9A, B, 10B

- RAZOUK 1994: 170



Euvaugaptilus propinquus G. O. Sars ♀

— — 1920, Sars, p. 17

— — Sars, 1925, p. 297: pl. 102, f. 1-14.

--, Roe, 1972d, p. 1035.

--, Vives, 1972, pp. 221-2/

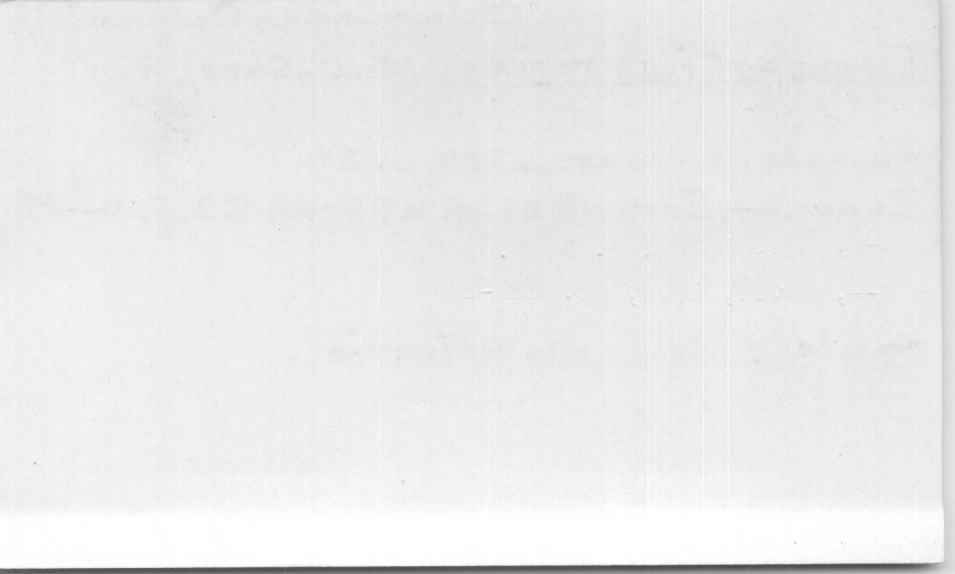
--, Roe, 1975, pp. 358-360.

Habitat. Temperate Atlantic.

— — Deevy & Brooks, 1977: 265

— — Tanaka & Omori, 1974: 248-250, fig. 3i, 26a-j

(Σ. ? propinquus)



EUAUGAPTILUS PSEUDAFFINIS

BRODSKY

— — 1950, P. 381, FIG. 269.



Euaugaptilus quaesitus, Grice & Hulsemann, 1967, p. 34,
figs. 204-209;



Euaugaptilus rectus Grice & Hulsemann, 1967

—, Grice & Hulsemann, 1967, pp. 35, figs. 210-214

--, Roe, 1972a, pp. 299-

--, Roe, 1972d, p. 1035.

—Tanaka & Oomori, 1974: 250-253, fig 3d &

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

27a-l

-- HERRING 1988:184-

THE UNIVERSITY OF CHICAGO LIBRARY

1900-1901

1902-1903

1904-1905

1906-1907

Euvaugaptilus rigidus (G.O.Sars) ♀.

Augaptilus — Sars, 1907, p. 21.

Euvaug. — Sars, 1925, p. 298; pl. 103, f. 1-14.

--, Roe, 1972a, pp. 299-

-- Roe, 1975, pp. 357, 356-357, (fig 281-0)

Habitat. Temperate Atlantic.

--, VERVOORT, 1965: 133, 145 SYN. AUGAPTILUS R.

--, OWRE & FOYO, 1964b: 866

— Tanaka, 1964d: 72-74, fig 210a-i

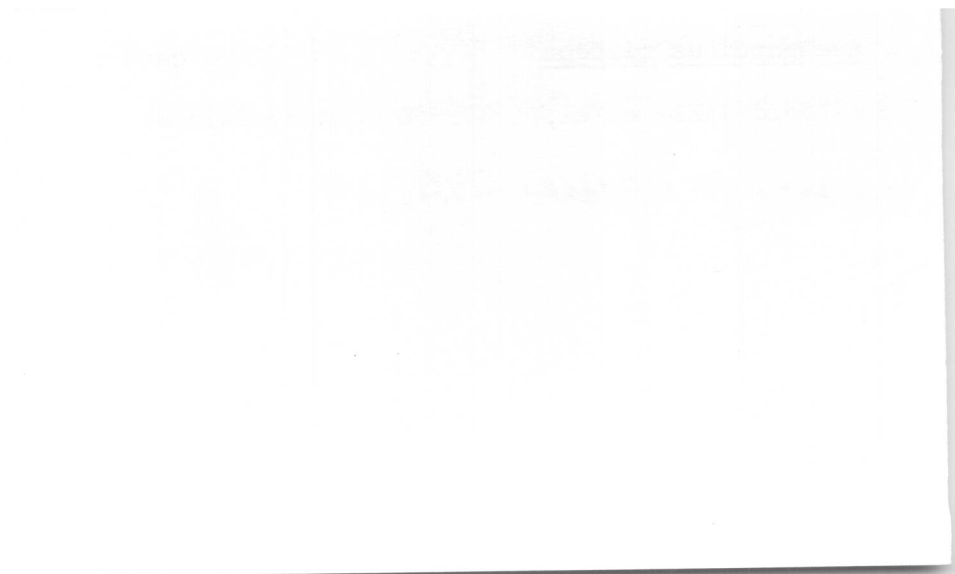
1109 . . .

Euaugaptilus rigidus

card 2

-- Soldevilla et al. 1988: 60 Canary Islands

-- CAMPOS H. + SUÁREZ M. 1995: 101



EUAUGAPTILUS ROSTRATUS (ESTETLY 1906)

— —, BRODSKY, 1950, P. 374, f. 264.

--, WHEELER, 1970: TAB. 4

--, OWREN + FOYO, 1972: TAB. 3

--, OWREN + FOYO, 1964b: 366

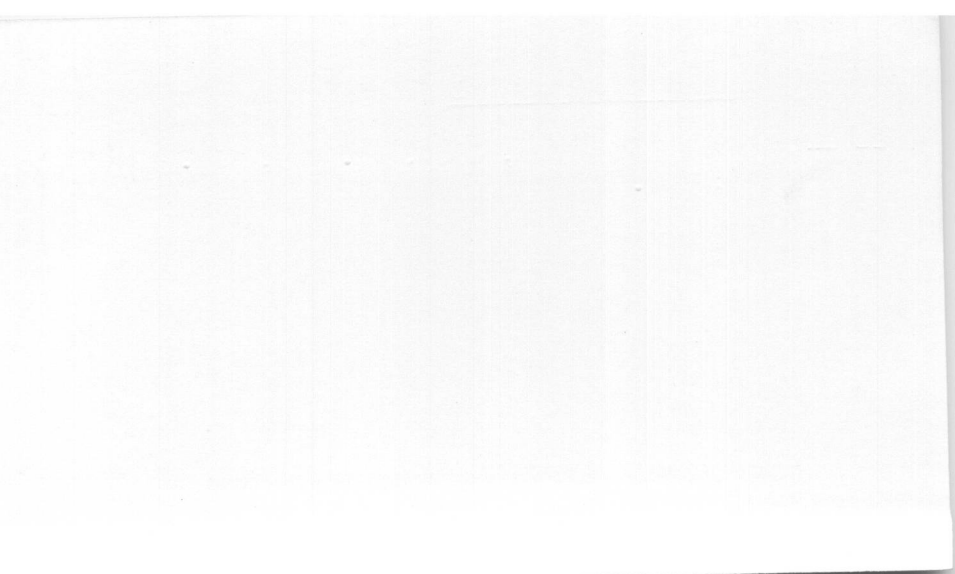
-- CAMPOS H. + SUÁREZ M. 1995: 101



Euaugaptilus sarsi Grice & Hulsemann

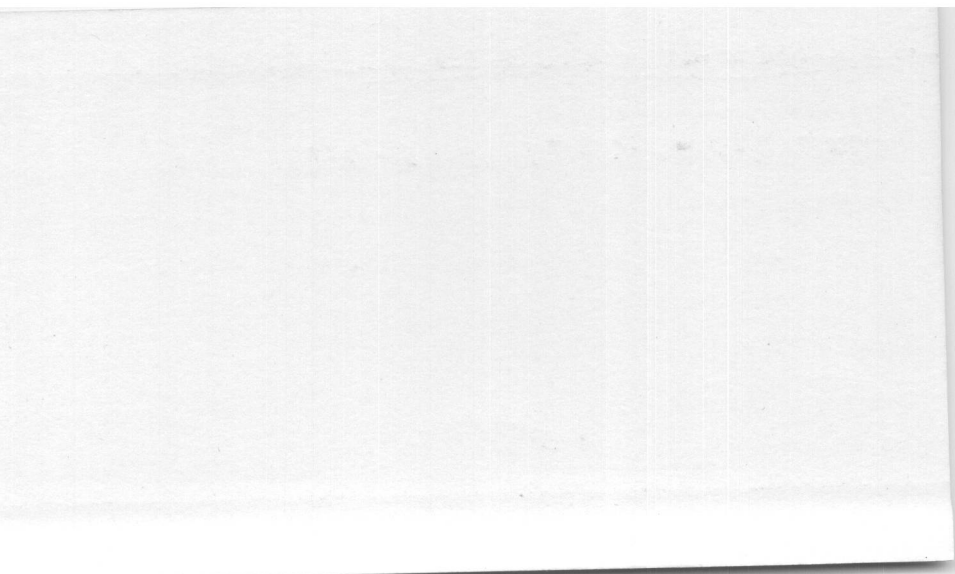
-- -- Grice & Hulsemann, 1965, pg. 249, fig. 18 (l) to
(q); fig. 19 (a) to (d)

-- PARK 1993: 9



EUAUGAPTILUS SIMILIS BRODSKY

—— 1950, P. 377, fig. 267.



Calanidae - Calanoida

Evauqaptilus squamatus (Giesbrecht) ♀.

Augaptilus - Giesbrecht, 1892, p. 400.

— brevicaudatus, Sars, 1905, p. 12

Evauq - sq - Sars, 1925, p. 261: pl. 78, f. 1-13

— —, Japusan, 1940, p. 58. S. coast of Iceland.

Habitat. Atlantic; Pacific.

— Deevay & Brooks, 1977: 265

--, Roe, 1972, pp. 281-

--, Roe, 1972d, p. 1035.

--, VERVOORT, 1965: 133, 136-137 SYN. ASGAPTILUS S.; A.

BREVICAUDATUS

-Tanaka & Omori, 1974: 253-255, fig. 2d, 28a-f

-- MAUCHLINE 1988: 702-

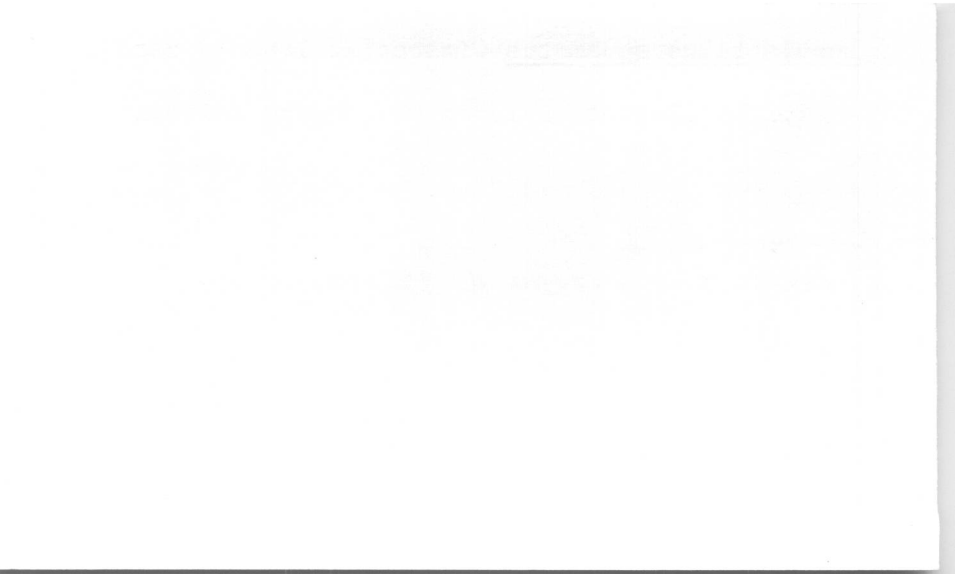
Euaugaptilus squamatus Giesbercht 1892 card 2

-- Soldevilla, et al 1988: 60 Canary Islands

-- HERRING 1988: 184-

-- RAZOUK 1994: 170

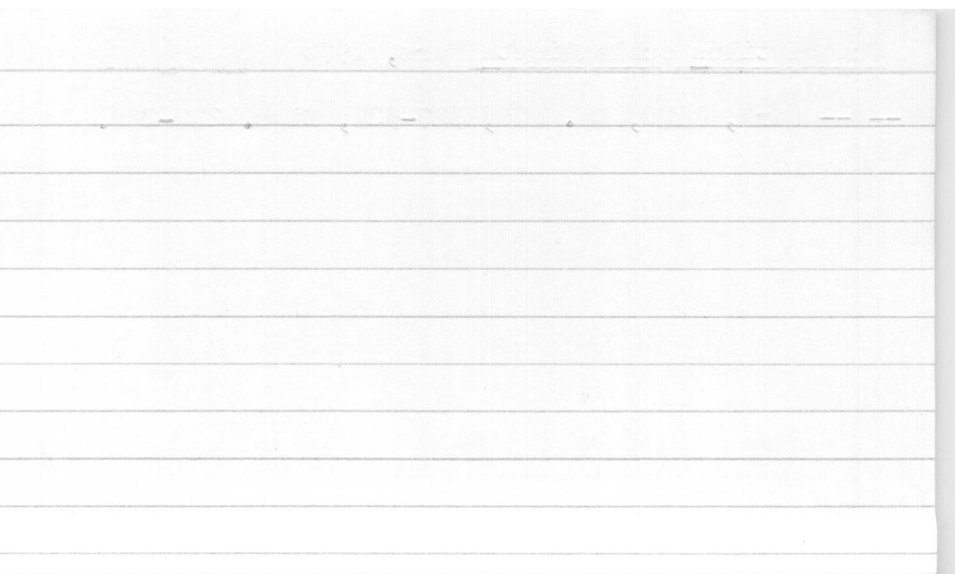
-- CAMPOS H. + SUÁREZ M. 1995: 101



Euaugaptilus sublongiseta Park, 1970

-- -- Park, 1970, pp. 478, 527-529, figs. 277-288.

-Tanaka & Omori, 1974: 255-258, fig. 3c, 29a-m
(E. ? sublongiseta)



Euvauptilus tenuicaudis (G. O. Sars) ♀

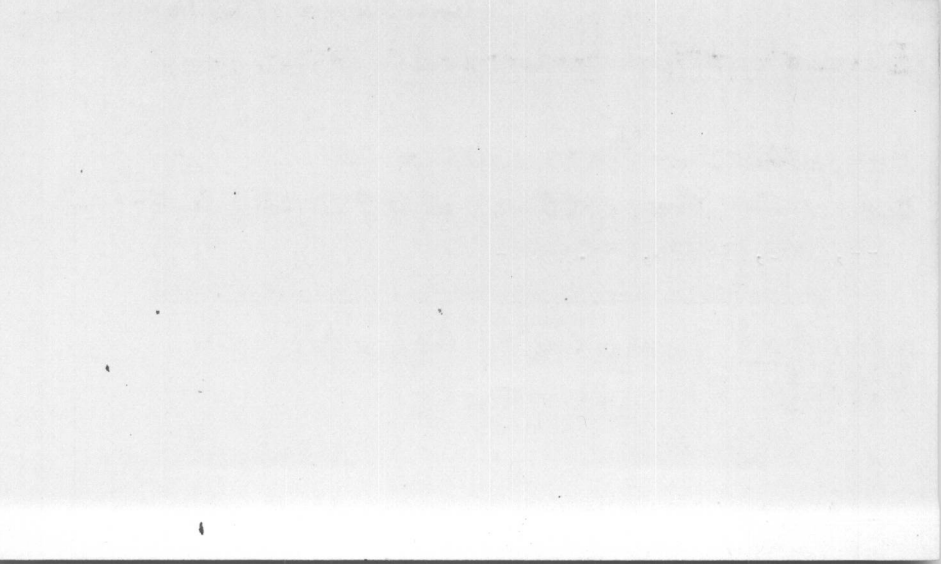
Augaptilus — Sars, 1905, p. 15

Euvaup. — Sars, 1925, p. 292: pl. 99, f. 1-14

--, Roe, 1972a, pp. 306-

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

Habitat, Temperate Atlantic



Euaugaptilus tenuispinus G.O. Sars ♀

— — G.O. Sars, 1920, p. 16

— — G.O. Sars, 1925, p. 290; pl. 97, figs. 1-14

— — Sewell, 1932, p. 322, Indian O.

— — " 1941, p. 220, F. 59, Arabian Sea area.

--, VERVOORT, 1965: 133, 140

Habitat. Temperate Atlantic.

--, OWREY & FOYO, 1964a: 343

--, OWREY & FOYO, 1970: TAB. 3

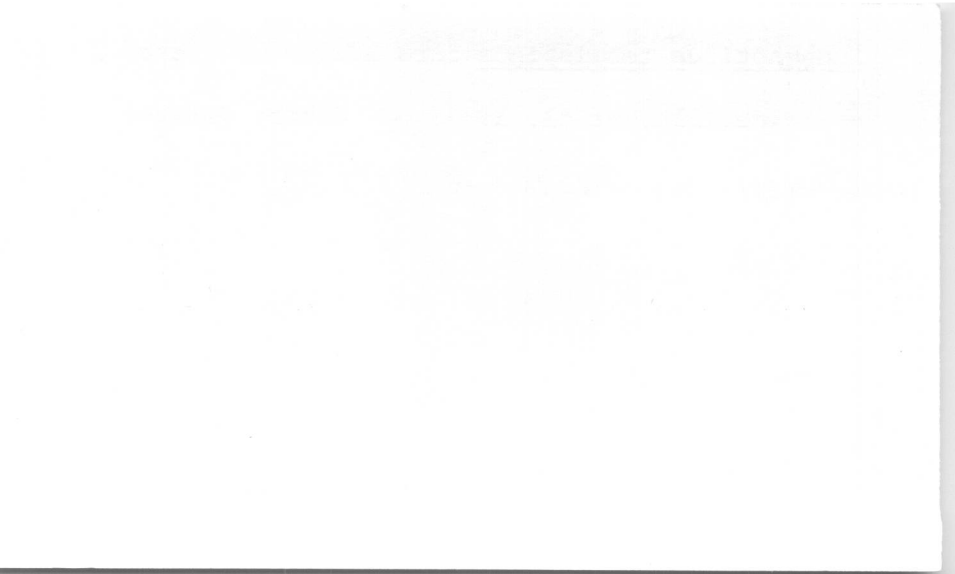
-Tanaka & Omori, 1974: 258-260, fig. 2h, 30a-j

Euaugaptilus tenuispinus Sars 1920

card 2

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

-- CAMPOS H. + SUÁREZ M. 1995: 101



Calanidae - Calanoidea

Euaugettilus truncatus (G.O. Sars) ♀.

Augettilus - Sars, 1905, p. 14.

Euaugettilus - Sars, 1925, p. 269: pl. 83, f. 1-13.

— Deerey & Brooks, 1977: 265

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

Habitat, Atlantic.

-- HERRING 1988: 184

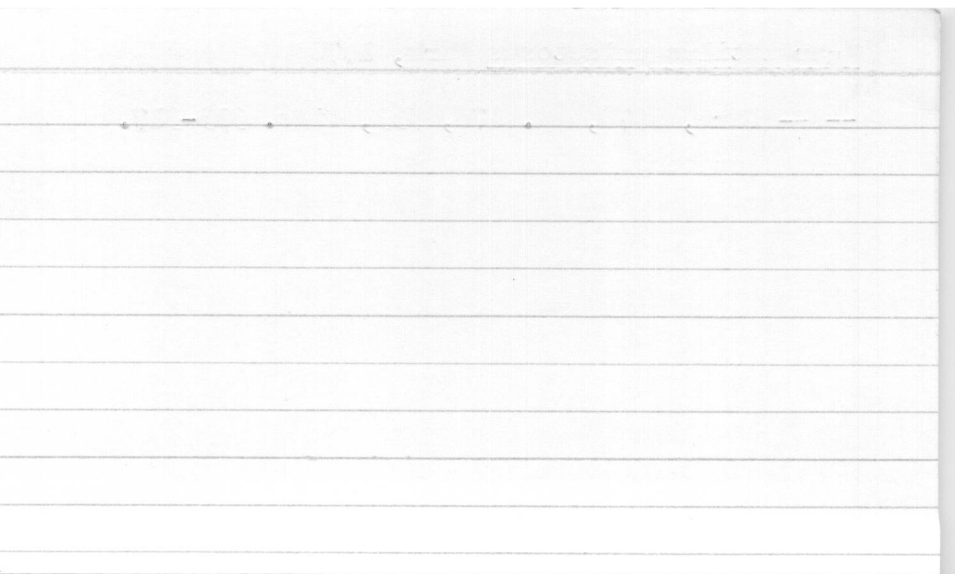


Euaugaptilus unisetosus Park, 1970

-- -- Park, 1970, pp. 478, 533, figs. 313-317.

--, Bjornberg, 1975, p. 184

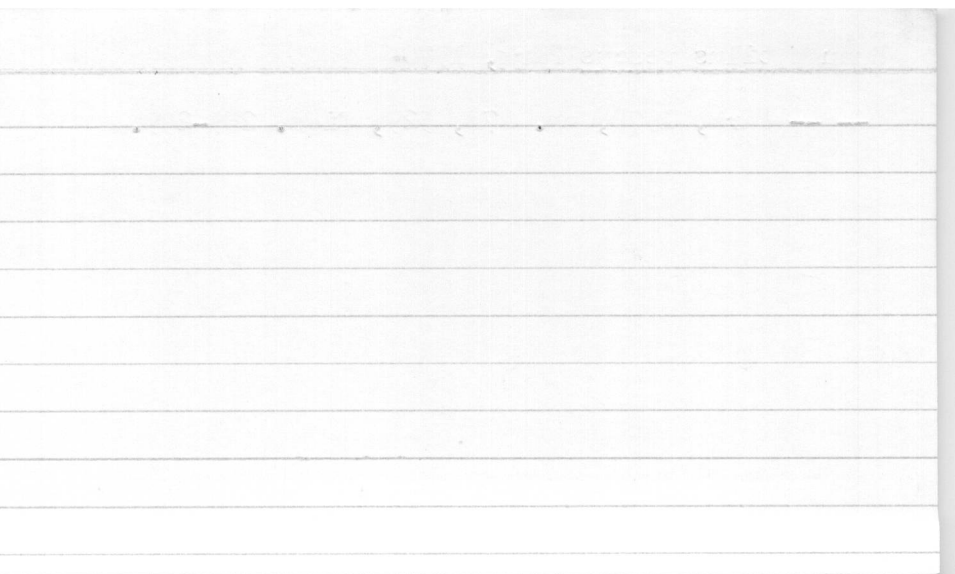
-- CAMPOS H. + SUÁREZ M. 1995:101



Euaugaptilus vescus Park, 1970

-- -- Park, 1970, pp. 478, 529, figs. 289-299.

-- CAMPOS H. + SUÁREZ M. 1995:101



Calanidae - Calanoida

Euaugettilus vicinus G.O. Sars ♀.

— — Sars, 1920, p. 14.

— — Sars, 1925, p. 284: pl. 93. f. 1 — 16

— HERRING 1988: 184 —

Habitat. Temperate Atlantic.



Euaugaptilus sp.

- --, Grice & Hulsemann, 1965, pg. 249, fig. 18 (g)
to (k)
- , Ehrhardt, 1967, p. 741
- , Ostapenya & Shushkina, 1971, p. 195
- , Roe, 1972a, pp. 299-
- , Roe, 1972d, p. 1035.
- Tanaka & Omori, 1974: 260-262,^s, fig. 31a-k,
(= sp. 1)
- (= sp. 2) 262-264, fig. 32a-j.

EUANGAPTILUS spp.

- CUMMINGS 1982: 34-, GULF OF MEXICO
- HERRING 1988: 184-
- SUAREZ M., E., 1990: 4, OFF YUCATAN

in

Eubrachiella, valid
Wilson-1915.

Lernaeopodidae.
Lernaeopodoidea

E. antarctica

Syn. Eubrachiella, Wilson, 1915, p. 716.

$\hat{E}U$ = near + and Brachiella.

