

Family Euchaetidae Sars, 1903

- Bradford et al. 1983: 13, 18, diagnosis
- MAUCKLINE 1988: 731, FIG. 25C, PORE SIGNATURE
- HEPTNER 1968: 680-, FIGS., GENITAL COMPLEX
- PARK 1995: 1-, REVISION, DIAGNOSIS, KEYS

Euchaetidae insertae sedis

-, Heptner, 1971, p. 114-5, fig. 20

Euchaeta valid

Ammonoidea - Euchaetidae

Philippi, 1843, a - E. marina ①

Syn. Euchaeta Philippi, 1843^a, p. 54, 67.

Euchaeta Boeck, 1865, p. 235, [740

Euchaeta Giesbrecht, 1892, p. 55, 245

Euchirus Dana, 1846, p. 228!

Ευχαίτης, with flowing hair. [1852, p. 1084

Euchaeta Dana, 1849^a, p. 20; 1849^b, p. 279!

Euchaeta Claus, 1863, p. 183.

Euchaeta Esterly, 1905, p. 156.

Body slender: wrosome elongated: caudal
rains motile in ♂, immotile in ♀.
1° antennae 24-jointed in ♀ - Epistome pro-
duced in front of upper lip. Maxpds with
2° basal joint very large. 10 legs much
smaller than others - endopod of 10 & 2°
legs 1-jointed, 3° & 4° legs 3-jointed.
5° legs well developed in ♂.

Euchaete With, 1915, p. 157.-158 Key

Euchaeta G.O. Sars, 1902, p. 37.

Euchaeta Brady, 1883, p. 59 (pars).

Euchaeta Boeck 1872, p. 39. (pars).

Euchaeta Tubbock, 1856, p. 13: 1860, p. 7.

Euchaeta Claus, 1866, p. 12.

Euchaeta Möbius, 1875, p. 271: 1887, p. 115.

Euchaeta Sars, 1885, p. 234.

Euchaeta Thompson, 1888, a. p. 148: 1888, c. p. 140.

Euchaeta Giesbrecht, 1888, a. p. 337: 1889, p. 164.

Euchaeta Giesbrecht & Schmeil, 1898, p. 37.

Euchaeta Pesta, 1921, p. 510.

Euchaeta

(3)

see Vervoort, 1957, for much general info., p. 74-78.

--, TANAKA, 1957 d: 205

--, PARK, 1978: 187, 199-205; KEY TO ANTARCTIC ♀ ♂

--, GAULD, 1966: 314, 17, 20, 27, 29-31 (SWIMMING & FEEDING)

--, BRIAN 1927: 11.

--, Moore & Sander, 1976, p. 594 (tbl. 3 for @ sp. listed)

- Gardner & Szabo, 1982, p. 26, 259.

- TANAKA 1958: 327 & ff - JAPANESE spp.

- ARCOS & FLEMINGER 1986: 170

- PETIPA 1975: 42

EUCHAETA PHILIPPI, 1843

CARD 4

- , LABBÉ' 1929: 584
- BRADFORD ET AL. 1983: 13, 18, DIAGNOSIS - ALTERED
- MAUCHLINE 1988: 731
- "ANTARCTICA" SPECIES-GROUP, FONTAINE 1988: 47-57.
- PARK 1995: 13-, DIAGNOSIS, KEYS

EUCHAETA ACUTA SPECIES-GROUP PARK, 1995

----- PARK 1995: 22-, DIAGNOSIS, KEY

EUCHAETA CONCINNA SPECIES-GROUP PARK, 1995

--- PARK 1995: 187, DIAGNOSIS, KEY

EUCHAETA MARINA SPECIES-GROUP PARK, 1995

--- - PARK 1995: 14-, DIAGNOSIS, KEY

EUCHAETA ABBREVIATA — SEE PARAEUCHAETA

Euchaeta acuta Giesbrecht, ♂.♀.

— — Giesbrecht, 1892, p. 246: pls. 16 & 37.

— — Giesbrecht & Schmeil, 1898, p. 38.

— — Thompson & Scott, 1903, p. 244.

— — Wolfender, 1904, p. 111: Cleve, 1904, p. 19.

— —, Cristafi, 1965, p. 65.

Habitat. N. & S. Atlantic: Mediterranean

- - L. C. Thompson, 1903, p. 18: Sars, 1905, p. 4.
- - Farran, 1905, p. 35: Pearson, 1906, p. 17.
- - Esterly, 1905, p. 157: fig. 23, a-d.
- - Farran, 1908, p. 40: Wolfenden, 1911, p. 299.
- - v. Breemen, 1908, p. 51: fig. 56.
- - A. Scott, 1909, p. 65: pl. 20, figs. 1-9.
- - Pesta, 1909, p. 23: 1912, p. 22.
- e - With, 1915, p. 187: ¹⁸⁸pl. 6, f. 12, a-c: text-f. 56, a-b.
- a - Stebbing, 1910, p. 528.
- - Pesta, 1921, p. 511: text-f. B 22.
- - Farran, 1929, p. 237.
- -, HURE & SCOTTO DI CARLO, 1974: 179-180, 182, FIG. 1

Euchaeta acuta Giesbrecht, 1892 E. acuta

(2)

— — Sars, 1925, p. 108: pl. 30, figs. 12-15

— — Wilson 1942, p. 185

— —, Brodsky, 1950, p. 198, fig. 113, USSR.

— —, Owre, 1962

— — Park, 1968, pp. 527-572.

— —; Vervoort, 1957, p. 85.

— —; Bradford, 1970, p. 346

— —, Hure & Scotto di Carlo, 1968, p. 49.

— —, Bradford, 1972, p. 40, fig. 9.10-9.4

--, Hure & Scotto di Carlo, 1969, p. 587-9

--, Ehrhardt, 1967, p. 738-

--, Morris, 1970, p. 2300.

--, Roe, 1972a, pp. 286-

--, Roe, 1972c, pp. 526-529.

--, Roe, 1972d, p. 1040.

--, Vives, 1972, pp. 212, 238.

--Park, 1975, pp. 3, 4

--, Bjornberg, 1963: 39, 9, 104 (2 tables), 105, tables 8+10+17

--, BINET & DESSIER, 1971: 109, 453

EUCHAETA ACUTA GIESBRECHT

CARD 3

- , PARK, 1978: 95, 203, 204, 208-212, 217; FIGS. 69, 70 ♀♂
- , OWREN & FOYO, 1972: TAB. 3
- , SCOTTO DI CARLO, ET AL., 1975: TAB. 1
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RUTHER,
1966 (UNPUBL.): APPENDIX
- TANAKA 1958: 327
- TRANTER 1977: 593-625.
- Hulsemann, 1984: 254
- Bjornberg, 1981: 633, fig. 211 #4

~~LIST~~
EUCHAETA ACUTA (GIESBRECHT, 1892) CARD 4

--, MADHU PRATAP + HARIDAS, 1986: 108, 110 - INDIAN OCEAN

— Devey & Brooks, 1977: 263

— De Decker, 1984: 316

— Hure, 1955: 26

— Hure, 1961: 19

-- MAZZA 1965: 318

-- AMBLER + MILLER 1987: 570

— VIVES, 1978: 265, tbl. 1

P- BRADFORD ET AL. 1983: 18, 20, 25, 26, 129, 139, 140, FIGS.
3, 80; RECORDS - SW PACIFIC

PARAEUCHAETA ^EACUTA (GIESBRECHT, 1892) 5

PARAEUCHAETA -, MAUCHLINE 1988: 732-

EUCHAETA -, KIORTSIS ET AL. 1969: 37; AEGEAN

EUCHAETA -, JARGENT & HENDERSON 1986: 67-

EUCHAETA -, LE BORGNE 1986: 143-

EUCHAETA -, SOLDEVILLA ET AL. 1988: 58 Canary Islands

E. -, ROSE 1934: 56-81, OFF ALGERIA

Paraeuchaeta acuta (GIESBRECHT)

6

EUCHAETA -, CUMMINGS 1982: 34 -, GULF OF MEXICO

-- Bradford et al. 1983: 18, 20

E. -, ROE 1974: 106 -, N. ATLANTIC

E. -, JIMENEZ-PEREZ + LARA-LARA 1988: 126 -, GULF OF MEXICO

E. -, VUČETIĆ 1984: 420 -, ADRIATIC

E. -, ALVARIÑO 1989: 69 -, OFF S. CALIFORNIA

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

~~Para~~Euchaeta acuta (Giesbrecht)

card 7

Euchaeta -, Suarez, E. 1992: 136-, Gulf of Mexico

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

E. -, PARK 1995: 23-, FIG. 12, DESCRIPTION, SYNONYMY,
DISTRIBUTION (ATLANTIC, PACIFIC, INDIAN OCEAN)

Euchaetidae - California

Euchaeta acuta Giesbrecht.

Var. pacifica Esterly, ♂.

— — Esterly, 1911!, p. 324; pl. 32, f. 115.

E. — acuta Esterly, 1905, p. 157; text-fig. 23.

— —, Brodsky, 1950, p. 198, fig. 113, USSR

— —, Roe, 1972c, p. 528 (?Syn. E. media)

Habitat. California Coast.

EUCHAETA ACUTIFRONS

-- VILLATE & ALCARAZ 1986: FIGS. 2, 4; LAPSUS
FOR EUTERPINA ACUTIFRONS ?

EUCHAETA AEUATORIALIS TANAKA - SEE

PARAEUCHAETA

EUCHAETA AFFINIS - SEE PARAEUCHAETA

EUCHAETA ANTARCTICA - SEE PARAEUCHAETA

Euchaeta armata Boeck, 1872 - see Aetideopsis

Calanoida Euchaetidae

Euchaeta atlantica Tubbock, ♀

— — Tubbock, 1856, p. 13: pl. 8: 1860, p. 7.

A synonym of Euchaeta ^{marina} prestandrae
(Giesbrecht, 1892, p. 245).

Euchaetidae - Calanoida.

Euchaeta atlantica Sars, ♀.

— Sars, 1877, p. 363.

--, Bradford, 1974, p. 159

A synonym of Euchaeta norvegica.
(Giesbrecht, 1892, p. 246).

Euchaeta australis Brady, ♀, ♂.

— — ♂ Brady, 1883, p. 65: p. 21: figs. 8-9.

— — ♀ — — — — — figs. 5-7: 10-11

♂ A synonym of Undeuchaeta minor.
(With, 1915, p. 132).♀ A synonym of Undeuchaeta major.
(With, 1915, p. 136).

--, Corral, 1970, p. 153

--, (= UNDEUCHAETA PLUMOSA), PARK, 1978: 182

Euchaeta atlantica Tubbock, ♀
Calanoida Euchaeta

— — Tubbock, 1856, p. 13: pl. 8: 1860, p. 7.

a synonym of Euchaeta marina prestandrae.
(Giesbrecht, 1892, p. 245).

Euchaeta atlantica Sars, ♀.

— Sars, 1877, p. 363.

--, Bradford, 1974, p. 159

A synonym of Euchaeta norvegica.
(Giesbrecht, 1892, p. 246).

Aetideidae - Curculionidae
Euchaeta australis Brady, ♀, ♂.

— — ♂ Brady, 1883, p. 65: p. 21: figs. 8-9.
— — ♀ — — — — — figs. 5-7: 10-11.

♂ A synonym of Undeuchaeta minor.
(With, 1915, p. 132).

♀ A synonym of Undeuchaeta major.
(With, 1915, p. 136).

--, Corral, 1970, p. 153

--, (= UNDEUCHAETA PLUMOSA), PARK, 1978: 182

EUCHAETA AUSTRINA - SEE PARAEUCHAETA

EUCHAETA BARBATA - SEE PARAEUCHAETA

EUCHAETA BICONVEXA - SEE

PARAEUCHAETA
TUMIDULA

EUCHAETA BILOBA - SEE

PARAEUCHAETA

Euchaeta birostrata Brodsky

- SEE PARAEUCHAETA

--, Morris, 1970, p. 2300.

EUCHAETA BISINUATA - SEE PARAEUCHAETA

EUCHAETA BRADYI - SEE PARAEUCHAETA

EUCHAETA CALIFORNICA - SEE PARAEUCHAETA

EUCHAETA

CALVA - SEE

PARAEUCHAETA

Euchaeta carinata Möbius, ♀.

— — Möbius, 1875, p. 271: pl. 7, figs. 1-12: pl. 8,
figs. 2-3, 5-6.

A synonym of Euchaeta norvegica.
(Witt, 1915, p. 158)

EUCHAETA CLAUSI

--, BINET, ET AL., 1972: 133

Calanidae - Euchaetidae -

Euchaeta communis Dana, ♂.♀.

— — Dana, 1849, p. 21.

Fig. 2, a-e

— — Dana, 1852, p. 1086; pl. 77, fig. 1, a-d.

A synonym of Euchaeta-prestandreae.
(Giesbrecht, 1892, p. 245). marina

EUCHAETA COMOSA - SEE PARAEUCHAETA

Euchaetidae - Calanoidea.

Euchaeta concinna Dana, ♀, ♂ ①

— — Dana, 1849, p. 21.

— — Thompson & Scott, 1903, p. 244.

— — Dana, 1852, p. 1088: pl. 77, f. 4, a-b: f. 5, a-c

— — Giesbrecht, 1888, p. 337: 1892, p. 246: pl. 37

Habitat. Indian Ocean: Banca Straits.

— —, Fleminger, 1959-1961, pp. 92-98

— — Giesbrecht & Schmeil, 1898, p. 39.
 — — Cleve, 1901, p. 7; 1903, p. 363.
 — — Wolfenden 1905, a, p. 1008: pl. C, figs. 1-6. ^{consimilis}
 — — A. Scott, 1909, p. 65: pl. 19, figs. 21-27. ♂
 — — Sewell, 1914, p. 216.

— — Sewell 1929, p. 146, Indian O. develop. stages

— —, MORI, 1937, P. 45, JAPAN

-- --, Honjo et al, 1957. pp. 120-128
 -- --, Grice, 1962. ppl 201, 203, pl. 14, fig. 1-13
 -- --, Heinrich, 1961. p. 85 (vertical distribution)
 -- --, Tanaka & Omori, 1968, p. 220

Euc. concina

Euchaeta concinna ^{DANA} ~~GIESBRECHT~~ card 2

--, Chiba, 1956, p. 17

— Chen, 1980: table 1

--, Cleve, 1901, p. 7

--, Rose, 1955, p. 391

--, Rose, 1956, p. 460

--, Fleminger, 1957, p. 359

--, Movchan, 1971, p. 64

--, Krylov, 1967?, p. 248

--, Bradford, 1974, p. 168

— Chen et al, 1982: 260, pessim.

--, Furuhashi, 1961: 106

--, STEPANTANTS 1977: 78 83 85 95: TNA 1.3

--, Bjornberg, 1963: 104 (table 7), Table 17

--, GREENWOOD, 1977: 49, 55-57; FIG. 34-i; 540. E. INDICA;

E. CONSIMILIS

ITOH,

--, ~~KATSUNAKI~~, 1970: TAB. 1

--, CHENG et al. 1965: 2.

--, Sreekumaran et al., 1981: passim

-- Chen et al., 1977: passim.

-- TANAKA 1958: 327, 328 - JAPAN

-- GAJBIYE 1984: 77-79, INDIA

-- MICHEL ET AL. 1986: 35, ARABIAN GULF

Euc. longina

Euchaeta concinna Dana

card 3

-- Tranter 1977: 593-625.

-- CHEN + ZHANG 1965: 130-131, Pl. 14, FIGS. 9-11,
Pl. 15, FIGS. 1-10:

E. CONSIMILIS FARRAN IS A FORM OF E. CONCIINNA.

- Dakin & Colefax, 1940: 99, fig. 136a-e

- Tanaka, 1965a: 23, fig. 12a-c

-- MADHUPRATAP + HARIDAS, 1986: 108, 110 - INDIAN OCEAN

- Greenwood, 1982 b: table 3

- Kimmerer, et al, 1985: table 3, Australia

- Sarkar, et. al., 1986: 178

Paraeuchaeta concinna (Dana, 1849)

card 4

P. -- Bradford et al. 1983: 20, 33, 35, 43, 129, 140, figs. 15, 82

PAREUCHAETA -, MAUCHLINE 1988: 732 -

EUCHAETA CONSIMILIS, STEPHEN 1984: 165 -

ARABIAN SEA

E. -, CHEN, Q-C + ZHANG 1986: 274, 5. CHINA SEA

E. -, CHEN, Q-C 1986: 526 -

E. -, GUEREDRAT 1971a: 300 -, EQUATORIAL PACIFIC

EUCHAETA -, MARUKAWA 1908: 10, Pl. III FIGS. 93-107,

OFF JAPAN

EUCHAETA CONCINNA DANA, 1849

CARD 5

-- PARK 1995: 18-, FIGS. 7, 8, SYNONYMY, DESCRIPTION;
PACIFIC, ARABIAN SEA, INDIAN OCEAN

Euchaeta confusa (Tanaka, 1958) - SEE PARAEUCHAETA
--Park, 1975, pp.2-4, 13, fig. 11.

Euchaeta consimilis Farran - synonym of Paraeuchaeta
concinna (Dana)

EUCHAETA DACTYLIFERA - SEE PARAEUCHAETA

EUCHAETA DAITOMARUI - see PARAEUCHAETA
RUSSELLI

Euchaetidae - Calanoida.

Euchaeta diadema, Dana, ♀

— — Dana, 1849, p. 21.

— — Dana, 1852, p. 1091: pl. 77, §. 7, a-e.

— — Giesbrecht, 1892, p. 246 (Undetermined).

— — Giesbrecht & Schmeil, 1898, p. 41.

Habitat. Pacific near Kingmill Islands.

EUCHAETA DIEGENSIS - SEE PARAEUCHAETA

EUCHAETA DUBIA ESTERLY - SEE

PARAEUCHAETA CALIFORNICA

Euchaeta elongata - see Par^aeuchaeta

Euchaeta eltaninae - see Paraeuchaeta eltaninae

EUCHAETA EREBI (FARRAN, 1929) - SEE

PARAEUCHAETA EREBI

PARAEUCHAETA EREBI FARRAN, 1929: 239 FIG. 9

--, (= EUCHAETA EREBI), PARK, 1978: 94, 202, 203, 228

281.

Euchaeta exigua - see Paraeuchaeta exigua

EUCHAETA

FARRANI -

See PARAEUCHAETA BARBATA

Euchaeta flava Giesbrecht - see Paraeuchaeta flava

Euchaetidae - Calanoida,

Euchaeta gigas Brady, ♀

— — Brady, 1883, p. 65: pl. 22, fig. 1-5

— — T. Scott, 1894, p. 58.

— — Giesbrecht, 1892, p. 302 (undetermined).

— — Giesbrecht & Schmiedl, 1898, p. 52 (doubtful).

Habitat. Gulf of Guinea: Buenos Ayres
5000 m. deep.

Valdiviella gigas A. Scott, 1909, p. 77: pl. 22, f. 17-26.

Euchaeta glacialis - see Paraeuchaeta glacialis

Euchaeta gracilicauda (A. Scott) - see Paraeuchaeta

Euchaeta gracilis G. O. Sars - see Paraeuchaeta

Euchaeta grandiremis Giesbrecht - see Paraeuchaeta

Euchaeta hansenii - see Paraeuchaeta

Euchaeta hebes Giesbrecht - see Paraeuchaeta

Euchaeta hessei Brady, ♀.

— — Brady, 1883, p. 63: pl. 20, figs. 1-13,
pl. 23, figs. 11-14.

A synonym of Euchirella rostrata
(With, 1915, p. 113)
(Giesbrecht, 1892, p. 232)

Aetideidae - Calanoida -

Euchaeta hessel Brady

var. similis T. Scott. ♀.

— — — T. Scott, 1893, p. 58: pl. 6.

E. similis Giesbrecht & Schmeil, 1898, p. 52 (doubtful)

? Gaidius tenuispinus; Vervoort, 1957, p. 58-60, fig. 40

Habitat. Gulf of Guinea.

Euchaeta incisa G. O. Sars - see Paraeuchaeta

Euchaetidae - Calanoida

Euchaeta indica Wolfenden. ♀

— — 1906. Wolfenden, p. 1008: ¹⁰⁰⁹pl. 100, figs. 12-17

--, Bradford, 1974, pp. 159, 167, table 2

--, MADHUPRATAP & HARIDAS, 1986: 108, 110, INDIAN
OCEAN (= E. WOLFENDENI)

Habitat. South Seas.

EUCHAETA INDICA WOLFENDEN, 1906 (2)

= EUCHAETA CONCINNA, (GREENWOOD, 1977: 55)

— KIMMERER, et al, 1985: table 4, Australia

-- BRADFORD ET AL. 1983: 13, 18-19, FIG. 5, N. 2.;

or E. WOLFENDENI A SYNONYM.

-- MAUCHLINE 1988: 731

-- FONTAINE 1988: 31-

-- SCHULZ 1990: 188, DEEP GULF OF ADEN

DAVE 1995: 17. FIG 6. DESCRIPTION; SYN. E.

= *F. INDICA*

Euchaetidae --- Calanoida

Euchaeta wolfendeni A. Scott, ♂, ♀.

[10, 11, 17, 18]

Euchaeta marina Wolfenden, 1905, a, p. 1007: pl. C. figs. 7, 8.

E. wolfendeni A. Scott, 1909, p. 68: pl. 17, figs. 1-12

— — Sewell, 1914, p. 216.

— — Sewell 1929, p. 153, Indian O. (not *pubera* Sars)

— — Mori, 1937, p. 44, JAPAN.

Habitat. Malay Archipelago: Gulf of Mannar.

— —, Sewell, 1957, p. 115.

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

- E. wolfendeni, Honjo et al, 1957. pp. 120-128
-- --, Decker, 1964. p. 221 South Africa
-- --, Grice, 1962. pp. 199-200, pl. 13, fig. 2-9
-- --, Brodsky, 1962. pp. 122-123, fig. 24
-- --, Tanaka, 1960. p. 39
-- --, Tanaka & Omori, pp. 224-225
-- --, Saraswathy, 1967, p, 77
-- --, Heptner 1968 p. 680
-- --, Chiba, 1956, fig. 3
-- --, DeDecker, 1962, p. 108
-- --, Heinrich, p. 12

= E. INDICA
Euchaeta wolfendeni

card 2

- , Movchan, 1971, p. 64
- , Bradford, 1974, pp. 159, 167, table 2
- , Furuhashi, 1961: 106
- , Bjornberg, 1963: 104 (table 7)
- , QING-CHAO & CHIA-JUI, 1974: 186
- , STEPANJANTS, 1977: 78, 84, 93, 94, 98; TAB. 1, 3
- , Chiba & Hirakawa 1972: Tab. 2.
- , Madhupratap, et al 1981: 266-267
- Chen Zhang, Chen, 19--: 65
- Chen, Zhang, Chen, 19--: 82
- TANAKA 1958: 327, 328, 331; Not = E. PUBERA
~~E. WOLFENDENI~~

= E. INDICA

Euchaeta wolfendeni A. Scott

card 3

-- Tranter 1977: 593-625.

- Tanaka, 1965a: 21, fig. 11a-d

--, MADHUPRATAP & HARIDAS, 1986: 110, E. INDICA

WOLFENDEN = E. WOLFENDENI; INDIAN OCEAN

- DeDecker, 1984: 264

- Sarkar, et. al., 1986: 178

-- BRADFORD ET AL. 1983: 18, SYN. OF E. INDICA

-- STEPHEN 1984: 165-, ARABIAN SEA

-- DESSIER & DENGUY 1987: 14, 397, EASTERN
TROPICAL PACIFIC

= F. INDICA

Euchaeta wolfendeni A. Scott

card 4

-- Alvarino 1989:69-, off s. California

EUCHAETA INVESTIGATORIS (SEWELL, 1929)

- NOW IN PARAEUCHAETA

--, PARK, 1978: 240

---, Park, 1977, p. 135

EUCHARTA JAPONICA - see PARAEUCHARTA ELONGATA

Fuschaeta longicornis Giesbrecht, ♀. ①

— — Giesbrecht, 1888, p. 337; 1892, p. 246

— — Giesbrecht & Schmeil, 1898, p. 40

— — Cleve, 1904, p. 190 [pt. 16, f. 35, 37

— — Stebbing, 1910, p. 528, [pl. 37, f. 45, 46

Habitat, So. Atlantic; Tropical Pacific.

- — Cleve, 1901, p. 7.
— — A. Scott, 1909, p. 66.
— — Farran, 1929, p. 238.
— — Matoda and Anraku 1955 p. 212 ^I dzu ^I s.
— —, Grice, 1962. p. 203, pl. 14, fig. 14-20
— —, Tanaka & Omori, 1968, p. 220

EUCHAETA LONGICORNIS (GIESBRECHT) 188 (2)

— —, MORI, 1937, P. 45, JAPAN.

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

— —, Honjo, et al, 1957. pp. 120-128

— —, Cleve, 1901, p. 7

Habitat: Pacific

— —, Krylov, 1967?, p. 248

— —, Morris, 1970, p. 2300.

— —, Furuhashi, 1966: 309, 312

— —, ^{ITOH}~~KATSUHIKO~~, 1970: TAB. 1

- , Furuhashi, 1961: 74, 106
- , QING-CHAO & CHIA-JUI, 1974: 136
- , Chiba & Hirakawa 1972: 74, 78; Tab. 2.
- , Madhupratap et al, 1981: 266-267
- Chen, Zhang, Chen, 19--: 64
- Motoda & Marumo, 1963: ~~66~~. 7
- TANAKA 1958: 327, 328 - JAPAN.
- TRANTER 1977: 593-625.
- YAMANAKA 1976: 161-196, SW ATLANTIC
- MADHUPRATAP & HARIDAS, 1986: 108, 110 - INDIAN OC.

Parafuchaeta longicornis (Giesbrecht, 1888)

(5)

P. - Bradford et al. 1983: 23, 35, 42, 131, 140, figs. 21, 84

E. -, DESSIER + DONGUY 1987: 14, 397-, EASTERN
EQUATORIAL PACIFIC

E. -, JIMENEZ-PEREZ + LARA-LARA 1988: 126-,
GULF OF CALIFORNIA

E. -, SUAREZ, E. + GASCA 1989c: 94-, COSTA RICA DOME

E. -, PARK 1995: 20-, FIG. 10, DESCRIPTION,
DISTRIBUTION - PACIFIC

EUCHAETA LONGISSIMA PARK, 1978

SEE UNDER PARAEUCHAETA

-- PARK, 1978: 202, 204, 205, 278, 283-286 ♀ ♂ FIG. 121, 1

Euchaeta magniloba Park, 1978

-- Park 1978: 203, 215-217, fig. 17, n.sp. female only;
se Pacific

Paraeuchaeta -, Bradford et al. 1983: 23

E. -, Park 1995: 25-, fig. 14, description (of female),
e. tropical & central Pacific

Euchaeta malayensis (Sewell, 1929) - SEE PARAEUCHAETA

-- --; Vervoort, 1957, p. 84.

-- --; Park, 1975, pp. 1.

-- SANDER + MOORE 1978: 232.

Euchaeta marina (Prestandrea), ♂, ♀.

Cyclops marinus Prestandrea, 1833, p. 12.

Euchaeta Cleve, 1900, p. 142. 1888, p. 336

Euchaeta Giesbrecht, 1892, p. 262: pl. 1, f. 10-11: p. 24

— — T. Scott, 1894, p. 57!

— — Matoda and Anraku, 1955 P, 212 Idzu Is.

Habitat. Gulf of Guinea,

North temperate Atlantic, tropical Atlantic, South temperate Atlantic (Farran, 1929)

Arabian Sea, (Sewell, 1947), west coast of America betw. 26°S-20°N (Giesbrecht), Gulf of Maine

(Bigelow), Mediterranean, Persian Gulf, Indian Ocean, Red Sea, Gulf of Suez, Sea of Japan, Madras coast

- *prestandreae* Philippi, 1843, pl. 4, f. 5.
- — Clavus, 1863, p. 183; pl. 5, f. 12, a: pl. 9, f. 6, 7, 9, 12; pl. 30, f. 8-17; 1866, p. 12.
- — Brady, 1883, p. 60; pl. 18, f. 7-15; pl. 19.
- *marina* Stebbing, 1910, p. 528.
- — Thompson & Scott, 1903, p. 244.
- — Giesbrecht, 1895, p. 251; 1888, p. 336.
- *atlantica* Tubbock, 1856, p. 19; pl. 8
- — Tubbock, 1860, p. 7.
- *sutherlandii* Tubbock, 1856, p. 20; pl. 9
- — Tubbock, 1860, p. 7. 1888^e, p. 140
- *prestandreae* Thompson, 1888^a, p. 148; n.

Euchaeta communis Dana, 1849, p. 21:

E. marina Giesbrecht, 1888, a, p. 336. [and 3]

— — Giesbrecht & Schmeill, 1898, p. 38: f. 2

— — Pesta, 1920, p. 512: text f. B. 24.

— — Cleve, 1901, p. 7; Pearson, 1906, p. 16.

— — A. Scott, 1909, p. 67: pl. 19, figs. 9-20.

— — Wolfenden, 1905, a, p. 1007: pl. C, figs. ⁷⁻¹¹~~19-20~~¹⁷⁻²⁰ (♂)

— *indica* Wolfenden, 1905, a, p. 1008: pl. C, figs. 12-16 (♀).

— *marina* v. Breemen, 1908, p. 50: text-fig. 55.

— — Sewell, 1914, p. 215.

— — Wolfenden, 1911, p. 299.

- — T. Scott, 1912, p. 532.
- — Thompson, 1893, p. 184: pl. 16, f. 8, a.
- — Pesta, 1911, p. 45: Sars, 1925, p. 104
- — Farran, 1929, p. 237.
- — Rose, 1929, p. 24.
- — Cleve, 1900, p. 64.
- — Wilson, 1932, p. 63: fig. 42. 1942, p. 185, 1950, p. 214
- — Sewell 1929, p. 148, Indian O. - 1947, pp. 113-115, text-fig. 25 (discussion of changes in form correlated w/ size).
- — , Brodsky, 1950, pp. 197-198, fig. 112 (from Giesbrecht, 1892).
- — , T. Mori, 1929, p. 172-3, pl. 5, fig. 3-9; 1937, p. 44, pl. , fig. 1-8.
- — , T. Chiba, 1953, p. 615-616, (Japan Sea)
- — , Marukawa, 1908, p. 9, pl. 2, fig. 74-82, pl. 3, fig. 83-92.
- — , Krishnaswamy, 1953, p. 117 (Madras coast)
- — , T. Chiba, A. Tsuruta, H. Maeda, 1955 (Bikini). p. 204-206, fig. 2-4. Immat. ♂ & ♀.

Euchaeta marina (Prestandrea) ♂ ♀ Gulf Of Guinea. (3)

-- --, Chiba, 1953. pp 615-16. no Fig.

-- --, An raku, 1954, pp. 1-8 N W Pacific

-- --, MORI, 1937, P. 44, JAPAN pl. 19 figs 1-2

-- --, BRODSKY, 1950, P. 197, FIG. 112, USSR

-- --, SEWELL, 1947, P. 113, fig. 25-A-D. N. ARABIAN SEA.

-- --, Chiba, Tsuruta, + Maeda, 1955, fig. 2-4. Bikini.

-- --, Grice, 1960, p. 220. West coast Florida.

-- --, Cervigon, 1962. p. 183

-- --, A. G. Fish, 1962. pp. 13-14, fig. 6, 7

-- --, Owire, 1962

- E. marina, Honjo et al, 1957. pp. 120-128
-- --, Grice, 1962. p. 199, pl. 13, fig. 1
-- --, Heinrich, 1961. p. 85 (vertical distribution)
-- --, Brodsky, 1962. pp. 120, 121, fig. 23
-- --, Colton et al, 1962. p. 168
-- --, Tanaka, 1960. p. 39
-- --, Cristafi, 1965, p. 264.
-- -- Park, 1968, pp. 527-572.
-- --, Tanaka & Omori, 1968, pp. 220-221
— A. Scott, 1902: 403
-- --, Saraswathy, 1967, p. 77
-- --, Gilat, Kane & Martin, 1965, pp. 13-20
-- --, Heptner 1968 p. 680
-- --; Park, 1970, p. 476

Euchryza marina

(4)

--, Heinrich, 1960, p. 3

-- --, Hure & Scotto di Carlo, 1968, p. 49.

-- --, Chiba, 1956, p. 30, fig. 17-19, fig. 3, 8

--, Cleve, 1901, p. 7

--, Heinrich, 1960, p. 3, 5, 10, 12

--, Paiva, 1971, p. 22

--, Rose, 1937, p. 154

--, Roehr & Moore, 1965, p. 566-

--, Rose, 1955, p. 391

- Chen, Zhang, Chen, 19-- : 81

- Chen, Chen, Zhang, 19-- : 76

- , Rose, 1956, p. 460
- , Sato, 1913, in no. 11
- , Seno, Komaki & Takeda, 1963, tab. 2
- , Ehrhardt, 1967, p. 738-
- , Fleminger, 1957, p. 359
- , Brodsky, 1972, p. 256
- , Kolesnikov, 1966, p. 155
- , Shushkina & Vilenkin, 1971, p. 187-
- , Ostapenya & Shushkina, 1971, p. 193
- , Van Engel & Tan, 1965, p. 184-
- , Movchan, 1971, p. 64
- , Seno, 1962, p. 13
- , Krylov, 1967, p. 248
- , MOORE & SANDER, 1979: 200

Euchaeta marina

card 5

- , Ackefors & Zillioux, 1975, p. 2
- , Bowman, 1971, p. 6 -
- , Bjornberg, 1971, p. 348-9
- , Morris, 1970, pp. 2300 & 2302.
- , Roe, 1972a, pp. 295-
- , Bradford, 1974, pp. 159-169, figs, 1a; 2; 3a, b; 4a-d; 5a, 6a, b; 7; tables 1 and 2.
- , Roe, 1972c, pp. 526-527
- , Roe, 1972d, p. 1040.
- , Moore & O'Berry, 1957, pp. 299-
- , Moore & Foya, 1963, pp. 504- (Syn. E. spinosa)
- , Corral Estrada, 1972, p. 5.
- Bjornberg, 1968: 57- , fig. 3 pl. 8.

- , Vives, 1972, p. 212.
- ; Park, 1975, pp. 1-6, fig. 1
- , Furuhashi, 1966: 309
- , Furuhashi, 1961: 106
- , Bjornberg, 1963: 37-39, 9, 101, 104, 104 (3 tables), 105
(+ tables 8, 10), 111, 114, 120, 123, table 17, 125
- , WHEELER, 1970: TAB. 7
- , GREENWOOD, 1977: 49, 55, 57-58; FIG. 3; SYN. CYCLOPS MARINUS
- , BAINBRIDGE, 1979: 77
- , CHISLENKO, 1977: TAB. 3
- , STEPANANTS, 1977: 78, 84; TAB. 1, 3, 6
- , DEEVEY, 1971: TAB. 3
- , SCOTTO DI CARLO, ^{ET AL.} 1975; TAB. 1

EUCHAETA MARINA

CARD 56

— Thompson, 1900: 278

--, PARK, 1978: 94, 201, 202, 203, 204, 205-207 ♀♂; 212;

FIGS. 65, 66

--, BINET & DESSIER, 1971: 428, 429, 448, 453

--, BINET, ET AL., 1972: 136

--, BEAUDOUIN, 1973: 125; TAB. 1

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

--, OWREY & FOYO, 1964b: 360, 361, 364

--, OWREY & FOYO, 1972: 493, 501; TAB. 3

--, EVANS, 1961: 196, 200; TAB. III

- CALEF + GRICE (UNPUBL.) IN KETCHUM + RYHER
1966 (UNPUBL.): 35; APPENDIX

- ARTIOMKIN ET. AL. 1966: 6.

- DAVIS 1950: Tab. V - p. 92.

- Chiba + Hirakawa 1972: 74, 78; Tab. 2; Fig. 2.

- CRISAFI et. al. 1973: 105, 106, 111.

- ~~Motoda~~ + Marumo, 1963: 767.

- Margues, 1958: 210

Euchaeta marina

card 7

- , Grindley & Lane, 1979, p. 112-117, tbl. 2, fig. 2,3
- , Marques, 1953: 99-100
- , Madhupratap et al 1977: tbl. 3
- , ~~Madhupratap~~ Madhupratap et al, 1981: 266-267
- , Sreekumaran, et al, 1981: passim
- , Cannicci, 1959: passim
- Chen, 1980: table 1
- Chen et al, 1977: passim
- Chen et al, 1982: 260 passim

- Chen & Yin, 197—: 274
- Marikova & Campos, 1967: 67
- Pulsifer, 1975: 101-105, fig C-D.
- Ramirez, 1969: 63-65, fig. 77, 83, 90
- Hure, 1955: 26
- Hure, 1961: 19
- TANAKA 1958: 327, 328; TYPE OF SEWELL'S GROUP I.
- IKEDA 1977a: 19-28.
- MASSUTI & NAVARRO 1950: 20.
- TRANTER 1977: 593-625.
- SANDER & MOORE 1978: 232.
- YAMANAKA 1976: 161-196, SW ATLANTIC

Euchaeta marina

card 8

- Patrity 1984a: 157-161, Gulf of Fos-sur-Mer
- YOUNG-BLUTH 1982: 120, BAHAMAS.
- ✓-- YOUNG-BLUTH 1979: 22, CARIBBEAN
- MICHEL & FOYO 1976: 90, 131, 133, 134, 139, 158 (FIG. 16A
179-183 (TAB. 37), 145
- KOGA 1984b: 137, 138, 185-186
- GRICE & HART 1962a: 294, w. NORTH ATLANTIC
- GRICE & HART 1962b: TABLE 3.
- Hulsemann, 1984: 253
- Deevy, 1952b: 147

- Deevy, 1960a: 16
- Dakin & Colefax, 1940: 137a-f.
- Corral Estrada, 1972b: 5
- Tanaka, 1965a: 21, fig. 10a-c
- Binet & Dessier, 1968: 8, OFF MADAGASCAR
- Bjornberg, 1981: 633, fig. 211 #1
- Deevy & Brooks, 1977: 263
- DeDecker, 1984: 316
- Kolesnikov & Alfonso, 1966: table 3
- MADHUPRATAP & HARIDAS, 1986: 113
- Greenwood, 1982b: table 3

Euchaeta marina (Prestandrea)

card 9

-- Sazhina 1975:79-85

-- PETIPA 1975:43, FIG. 9

-- AMBLER + MILLER 1987: 569

— Moryakova & Kampos, 1966: 131, passim Cuba

— Sarkar, et. al., 1986: 178

— Wickstead, 1956: 11

— Vives, 1978: 265, tbl. 1

-- CARLI 1971b: 373, LIGURIAN SEA

-- CARLI + CRISAFI 1983: 40, PL. 2 FIG. 2, ITALY

Euchaeta marina (Prestandrea) 1833

card 10

-- Izawa 1987: 175-

-- BRADFORD ET AL. 1983: 13, 18

-- MAUCHLINE 1988: 731-, FIG. 22A, PORE SIGNATURE

EUCHETA -, KIORTSIS ET AL. 1969: 37-, AEGEAN

-- BAMSTEDT 1986: 22-

-- SARGENT & HENDERSON 1986: 67-

-- LE BORGNE 1986: 133-

-- CORNER ET AL. 1986: 270-

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

Euchaeta marina (Prestandrea, 1833)

card 11

- Blades-Eckelbarger 1986: 28-, figs. 3,7,8
- BJÖRNBERG, T. 1986b: 237, FIG. 3, NAUPLIUS
- CHEN, Q-C + ZHANG 1986: 271, SOUTH CHINA SEA
- CHEN, Q-C 1986: 527-
- Shuert & Hopkins, 1987: 49-60 figs 1-4 tabs 2,3, Eastern Gulf of Mexico
- Soldevilla, et al 1988: 58 Canary Islands
- CUMMINGS 1982: 32-, GULF OF MEXICO
- HERRING 1988: 185-

Euchaeta marina (Prestandrea, 1833)

card 12

- Jimenez-Perez & Lara-Lara 1988:126-, Gulf of California
- SUAREZ, F. + GASCA 1989c: 94, COSTA RICA DOMESTIC
- SUAREZ, F. + GASCA 1990: 62, QUINTANA ROO, MEXICO
- COWLEY ET AL. 1989: 12-, NW ATLANTIC
- SHIH ET AL. 1971: 39, CANADA-ATLANTIC
- LAKKIS 1984: 289-, E. MEDITERRANEAN
- NASCIMENTO VIEIRA + NASCIMENTO CORREIA 1990: 88,
OFF PARAIBA, BRAZIL
- SANTANA-BARRETO + NASCIMENTO-VIEIRA 1990: 89, BRAZIL

Euchaeta marina (Prestandrea, 1833)

card 13

- Suarez, E. et al. 1990:124-, w. Gulf of Mexico
- GUEREDRAT 1971a: 300-, EQUATORIAL PACIFIC
- EUCHÄTA -, MARUKAWA 1908: 9-10, CF. E. MARINA VAR.
- LONGISPINA N. VAR.
- REID 1990g: 187, MEXICO (QUINTANA ROO), TRINIDAD/
TOBAGO
- ARTEMKIN ET AL. 1966 (1973): 179-, CARIBBEAN
- SUÁREZ, E. 1992: 137-, GULF OF MEXICO
- SUAREZ + GASCA 1991: 596-, GULF OF MEXICO

Euchaeta marina (Prestandrea, 1833)

card 14

- Arinardi 1991: 294-, Tab. 1., Banda Sea, Indonesia
- PARK 1995: 15-, FIGS. 1-3, SYNONYMY, REDESCRIPTION,
IN ATLANTIC + MEDITERRANEAN ONLY.
- OKEMWA + REVIS 1986: 30, TAB. 1, KENYA COAST
- ROSE 1927: 145, 152, 153, 157, OFF ALGERIA
- ROSE 1934: 54-81, OFF ALGERIA
- ALVAREZ-SILVA 1996: 19, TAB. 2, VERACRUZ, MEXICO

Euchaeta marina var. longispina Marukawa, 1908

Euchata ---, Marukawa 1908:9-10, Pl. II figs. 74-82,
Pl. III figs. 83-92, n. var., off Japan

Euchaeta marinella BRADFORD, 1974

- , Bradford, 1974, pp. 160-169, figs. 1c; 3e, f; 4i-l; 5c, 6e,f, 7; tables 1 and 2
- BRADFORD 1983: 13, 18, 20, FIGS. 6, 79
- MAUCHLINE 1988: 731
- FONTAINE 1988: 31-
- PARK 1995: 17-, FIG. 5, DESCRIPTION; PACIFIC

Euchaeta media Giesbrecht, ♀.

— — Giesbrecht, 1888, p. 337.

— — Giesbrecht & Schmeil, 1898, p. 39.

— — Cleve, 1904, p. 190.

— — Stebbing, 1910, p. 528.

Habitat. So. Atlantic; N. Pacific.

- — Giesbrecht, 1892, p. 246, 263: pl. 16, f. 13, 36:
— — Esterly, 1905, p. 160: text-fig. 25, a-g. pl. 37, f. 39-40
— — A. Scott, 1909, p. 66: pl. 20, figs. 10-18,
— — Harran, 1929, p. 238

— — Sewell 1929, p. 149

— —, MORI, 1937, p. 46, JAPAN.

— —, BRODSKY, 1950, p. 200, FIG. 116, USSR

— —, SEWELL, 1947, p. 116

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

— —, BINET + DESSIER, 1971: 429, 453

— —, CALEP + GRICE (UNPUBL.) IN KETCHUM + RUTHER,
1966 (UNPUBL.): APPENDIX

Euchaeta media Giesbrecht, 1888

card (2)

- --, Honjo et al, 1957. pp. 120-128
- --, Grice, 1962. p. 201, pl. 13, fig. 10-14
- --, Heinrich, 1961. p. 85 (vertical distribution)
- --, Owre, 1962
- --, ~~Harding~~, 1974, p. 142.
- -- Park, 1968, pp. 527-572.
- --, Tanaka & Omori, 1968, p. 221
- --; Park, 1970, p. 476
- --; Vervoort, 1957, p. 84-85.
- , Kolesnikov, 1966, p. 155
- , Krylov, 1967, p. 248
- , Bjornberg, 1971, p. 349
- , Morris, 1970, pp. 2300 & 2302.

, Hue, 1967, p. 15

--, Roe, 1972a, pp. 280-

--, Roe, 1972c, pp. 528-530.

--, Roe, 1972d, p. 1040.

--, Vives, 1972, p. 212, fig. 3.

-; Park, 1975, p. 3, 4, 6, Sig. 2

--, Furuhashi, 1966: 305, 306, 309, 312

-, Furuhashi, 1961: 74, 106

-, WHEELER, 1970: TAB. 4

-, PARK, 1978: 95, 204, 212, 217, 203, 207-208 f^o, FIGS. 67, 68

-, DEEVEY, 1971: TAB. 3

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

Euchaeta media Giesbrecht, 1888 card 3

-- TANAKA 1958: 327, 330, FIG. 62, k-k

-- , Gardner & Szabo, 1982, p. 26, 264-265.

— Chen, Zhang, Chen, 19--: 64

-- TRANTER 1977: 593-625.

-- GRICE & HART 1962b: TABLE 3, w. NORTH ATLANTIC

— Bjornberg, 1981: 633, fig. 211 #2

-- MADHU PRATAP & HARIDAS, 1986: 108, 110 - INDIAN OCEAN

— Dawson & Knatz, 1980: 62, pl. 49, fig. a-k

— Deevy & Brooks, 1977: 363

— DeDecker, 1984: 316

- Kolesnikov & Alfonso, 1966: table 3
- SAZHINA 1985: 80
- AMBLER & MILLER 1987: 561-576, N. PACIFIC

Paraeuchaeta media (Giesbrecht, 1888)

4

P. - Bradford et al. 1983: 23, 43, 45, 131, 139, 140, figs. 23, 85; records - sw Pacific

PARAUCHAETA -, MAUCKLINF 1988: 732

EUCHAETA -, SARGENT + HENDERSON 1986: 67-

Euchaeta - Soldevilla, et al. 1988: 58 Canary Islands

E. -, CUMMINGS 1982: 32 -, GULF OF MEXICO

E. -, ROE 1974: 106 -, N. ATLANTIC

E. -, JIMENEZ-PEREZ + LARA-LARA 1988: 126,

GULF OF CALIFORNIA

E. -, SUAREZ, E. + GASCA 1989a: 198 -, YUCATAN CHANNEL

Para^Eeuchaeta media (Giesbrecht, 1888)

card 5

Euchaeta -, Suarez, E. & Gasca 1989c:94-, Costa Rica Dome

E. -, SUAREZ, E. + GASCA 1990:62, QUINTANA ROO, MEXICO

E. -, COPLEY ET AL. 1989:12-, NW ATLANTIC

E. -, ALVARIÑO 1989:69-, OFF S. CALIFORNIA

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

E. -, GUEREDRAT 197/a:300-, EQUATORIAL PACIFIC

E. -, SUÁREZ, E. 1992:137-, GULF OF MEXICO

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

P. -, RAZOULS 1994:12

Euchaeta media Giesbrecht, 1888

card 6

-- Park 1995: 24-, Fig. 13, synonymy, description,
distribution

Euchaeta murrayi Sewell, 1947 - see Paraeuchaeta plana
(Mori, 1937)

EUCHAETA NORVEGICA BOECK - SEE PARAEUCHAETA

~~== Crawford & Daborn, 1986: 139~~

Euchaetidae - Calanoidae.

Euchaeta oceanica Thompson, ♀.

— — I. C. Thompson, 1903, p. 19: pl. 2, fig. 1-9.

Habitat. English Seas.

Euchaeta ovata Sato, 1913

n. sp., Sato, 1913, no. 11; pp.?, pl. 4?

-- PARK 1995: 9; ♂ ♀ NOT CONSPECIFIC?

Euchaeta paraconcinna Fleminger, 1957

④

- --; Park, 1970, p. 476
- nsp, Fleminger, 1957, p. 358-61, pl. 2 figs. 1-16
- , Bjornberg, 1971, p. 348
- ; Park, 1975, pp. 3, 4, 6, fig. 3
- , GREENWOOD, 1977: 55
- , BAINBRIDGE, 1972: 69
- , BINET & JUISSE DE SAINTE CLAIRE, 1975: 28
- , BINET & DESSIER, 1971: 427-428, 447, 448, 452; FIG. 12,
- , BINET, ET AL., 1972: 136
- , OWREN & FOYO, 1972: TAB. 3

- CALEF + GRICE, (UNPUBL.) IN KETCHUM + RYDER
1966, (UNPUBL.): APPENDIX

- Cervigon + Marciano 1965: Fig. 9.

- GRICE + HART 1962b: TABLE 3, W. NORTH ATLANTIC

EUCHAETA
Paraeuchaeta paraconcinna (Fleminger, 1957)

2

-- Bradford et al. 1983:23

PAREUCHAETA -, MAUCHLINE 1988: 732 -
EUCHAETA PARACONCINA, CUMMINGS 1982: 34;
GULF OF MEXICO
E. -, COPLEY ET AL. 1989: 12; NW ATLANTIC
E. -, PARK 1995: 20; FIG. 9, DESCRIPTION,
SYNONYMY; GULF OF MEXICO, W. ATLANTIC

Euchaeta paracuta Tanaka, 1973

-- Park 1995: 10-, 24

EUCHAETA PARVULA PARK, 1978

- SEE PARAEUCHAETA

-- PARK, 1978 : 202, 204, 256-259 ♀♂ FIG. 103-104

Euchaeta pavlovskii Brodsky - see Paraeuchaeta

Euchaeta philippii Brady, ♂.

— — Brady, 1883, p. 64: pl. 21, f. 1-4.

— — Giesbrecht, 1892, p. 302 (= Euchirella?).

— — Giesbrecht & Schmeil, 1898, p. 52 (doubtful).

— — Mori, 1931, p. 42, JAPAN.

Habitat. Buenos Ayres - 5000 m. deep.

Euchaeta plana Mori 1937^o

Japan Sea Area

①

-- --, Chiba, 1953, pp. 615.. ~~XX~~ Figs.No. 2,

-- --, Anraku, 1954, PP. 124-136,..Aleutian Is.

-- --, Chiba, Tsuneta, + Maeda, 1955. Bikini.

--, HIROTA, 1977: 45; TAB. 1

--, HONJO, ET AL., 1957: 120-128

--, TANAKA + OMORI, 1968: 221-224; FIG. 1, 2

--, CHIBA, 1956: 41

--, FLEMINGER, 1957: 361

--, KRYLOV, 1967: 248

--, FURUHACHI, 1961: 106

- FUJIOHASHI, 1966: 312

- CHENG et al. 1965: 2.

- TANAKA 1958: 327, 329-330, FIG 62 a-g; JAPAN

- Tanaka, 1965a: 23, fig 13a-d.

- MADHUPRATAP & HARIDAS, 1986: 108, 110-INDIAN Oc.

Paraeuchaeta plana (Mori, 1937)

(2)

P. Bradford et al. 1983: 23; = Euchaeta murrayi Sewell, 1947

Euchaeta murrayi, Sewell 1947: 117, fig. 26A-I, n. sp.
Arabian Sea

E. murrayi, Fleminger 1957: 359

E. murrayi, Tanaka 1958: 327

E. PLANA, UYE ET AL. 1987: 428, INLAND SEA, JAPAN

E. PLANA, PARK 1995: 21, FIG. 11, DESCRIPTION;
SYN. E. MURRAYI; DISTRIBUTION

EUCHAETA POLITA (TANAKA + OMORI, 1968)

- SEE PARAEUCHAETA

--, PARK, 1978: 250, 256

Euchaeta porrecta - see *Paraeuchaeta barbata*

Euchaeta prestandrae Philippi, ♂. ♀.

- — Philippi, 1843, pl. 4, f. 5; p. 58.
- communis Dana, 1849, p. 21.
- atlantica Tubbock, 1856, p. 13: pl. 8.
- prestandrae Carus, 1885, p. 335.

Habitat. Mediterranean: Gulf of
Guinea.

- astand. Claus, 1866, p. 12 [§. 6, 7, 9, 12; pl. 30, f. 8-17
— — Claus, 1863, p. 183: pl. 5, f. 12, a; pl. 9, n
— — Brady, 1883, p. 60: pl. 18, f. 7-15; pl. 19.
— — T. Scott, 1894, p. 57 (Syn. of Euchaeta marina)
— — Thompson, 1888^a, p. 148; 1888, c, p. 140,
— —, Bradford, 1974, pp. 159, 165

A synonym of Euchaeta marina.
(Giesbrecht, 1892, p. 245).

EUCHAETA PROPINQUA - see PARAEUCHAETA

EUCHAETA PRUDENS (TANAKA & OMORI, 1968)

- SEE PARAEUCHAETA

--, PARK, 1978: 283

Euchaeta pseudotonsa Fontaine - see Paraeuchaeta

EUCHAETA PSEUDOTUMIDULA

- SEE PARAEUCHAETA

--, PARK, 1978: 267

Euchaetidae - Calanoida

Euchaeta pubera G.O. Sars. ♀, ♂ CARD 1

— — Sars, 1907, p. 13.

— marina Wolfenden (not Prestandrea)

— wolfendeni A. Scott.

— pubera, Sars, 1925, p. 109: pl. 30, figs. 16-18

-- Park, 1975, pp. 3, 4, 6-8, fig. 4

Habitat. So. Atlantic

--, Morris, 1970, p. 2300.

--, PARK, 1978: 202

--, RICE, 1969: 454

← Devey & Brooks, 1977: 264

— — Farran, 1929, p. 238

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

--, Kolesnikov, 1966, p. 155

--, Roe, 1972a, pp. 295-

-- TANAKA 1958: 327, 330, ~~331~~ FIG. 63a-e; JAPAN

— Kolesnikov & Alfonso, 1966: table 3

-- JAZHINA 1975: 80

— Vives, 1978: 265, tbl. 1

Paraeuchaeta pubera (G. O. Sars, 1907)

CARD 2

P. - Bradford et al. 1983: 23,49,50,131,140, figs.26,86;
records - sw Pacific

Euchaeta - Soldevilla, et al. 1988: 58 Canary Islands

E. -, COPLEY ET AL. 1989: 12, NW ATLANTIC

E. -, SUÁREZ, E. 1992: 137, GULF OF MEXICO

E. -, SUÁREZ & GASCA 1991: 596, GULF OF MEXICO

E. -, PARK 1995: 26, FIG. 17, DIAGNOSIS, SYNONYMY,
DISTRIBUTION (W. N. ATLANTIC, C. & W. SOUTH PACIFIC)

E. -, OKEMWA & REVIS 1986: 30, TAB. 1, KENYA COAST

Euchaetidae - Calanoida.

Euchaeta pubescens Dana, ♀.

— — Dana, 1849, p. 21.

— — Dana, 1852, p. 1090: pl. 77, f. 6, a-g.

— — Giesbrecht, 1892, p. 246 (undetermined).

— — Giesbrecht & Schmeil, 1898, p. 41.

Habitat. Pacific near Taumotu Archipelago.

Helicidae - Calanoida
Euchaeta pulchra Brady, ♀.

— — Brady, 1883, p. 63: pl. 14, figs. 6-9; pl. 20
§, 14-19.

A synonym of Undeuchaeta minor.
(With, 1915, p. 132)

A synonym of Euchirella pulchra.
(Esterly, 1905, p. 154).
(Giesbrecht, 1892, p. 233 ♂),

A Synonym of Udeuchaeta major.
(Giesbrecht, 1892, p. 228, ♀).

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

--, (= UDEUCHAETA PLUMOSA), PARK, 1978: 182.

EUCHAETA QUADRATA - see

PARAEUCHAETA GRACILIS

Euchaeta rasa (Farran) - see Paraeuchaeta

Euchaeta regalis Grice & Hulseman - see Paraeuchaeta

Euchaeta rimana BRADFORD, 1974

--, Bradford, 1974, pp. 160-169, figs. 1b; 3c,d; 4e-h;
5b; 6c,d; 7 tables 1 and 2

--, MADHUPRATAP + HARIDAS, 1986: 108, 107, 110,
114-115, INDIAN OCEAN

- Kimmmerer, et al, 1985: table 4 Australia

-- AMBLER + MILLER 1987: 561-576, N. PACIFIC

-- BRADFORD ET AL. 1983: 13, 18, 20, FIGS. 7, 79

-- MAUCLINE 1988: 731

EUCHAETA RIMANA BRADFORD, 1974

CARD 2

- FONTAINE 1988: 31-
- DESSIER & DENGUY 1987: 14, 397-, EASTERN TROPICAL PACIFIC
- UYE ET AL. 1987: 428-, INLAND SEA, JAPAN
- UYE & MATSUDA 1988: 281-, " " "
- UYE ET AL. 1990: 855-, INLAND SEA, JAPAN
- SCHULZ 1990: 188, DEEP GULF OF ADEN
- WEATHERBY ET AL. 1994: 682
- PARK 1995: 16-, FIG. 4, DESCRIPTION; PACIFIC, INDIAN OCEANS

EUCHARTA RIMANA BRADFORD, 1974

CARD 3

-- HEUCH + KARLSEN 1997: 744

Euchaeta robusta Wolfenden - see Paraeuchaeta

EUCHAETA RUBICUNDA - see PARAEUCHAETA

Euchaeta russelli Farran - see Paraeuchaeta

Euchaeta sarsi Farran - see Paraeuchaeta

Euchaeta scaphula Fontaine - see Paraeuchaeta TUBERCULA

Euchaeta scotti Farran - see Paraeuchaeta

Euchaeta similis Th. Scott - see Paraeuchaeta

EUCHAETA SIMULTANIS (TANAKA & OMORI, 1965)

- SEE PARAEUCHAETA

--, PARK, 1978: 250, 253

Euchaeta solida ^{Euchaetidae - Calanoida.} Esterly, ♂.

— — Esterly, 1911", p. 324; pl. 26, f. 2;
pl. 28, f. 34; pl. 30, f. 78.

-- BRADFORD ET AL. 1983: 23, = PARAEUCHAETA
TENUIS (ESTERLY, 1906)

Habitat. California Coast.

Euchaetidae - Calanoida,

Euchaeta spinifera Esterly, ♂

- SEE PARAEUCHAETA

— — Esterly, 1906, p. 62: pl. 9, f. 8; pl. 11, f. 35;
Paraeuchaeta s - A. Scott, 1909, (pl. 14, f. 82-83
p. 75: pl. 22, f. 9-16.

Habitat. Pacific near California,

Euchaetidae - Calanoida.
Euchaeta spinosa Giesbrecht, ♀. ①

- — Giesbrecht, 1892, p. 246, 8 figs. pls. 16, 37.
— — Cleve, 1900, p. 141; 1904, p. 190
— — Sharpe, 1910, p. 410: f. 1, a-b, text.
— — Stebbing, 1910, p. 529,
— —, Cristafi, 1965, p. 66.

Habitat, Mediterranean: N. Atlantic; Pacific;
Indian Ocean.

— — — Park, 1968, pp. 527-572.

- — Thompson & Scott, 1903, p. 244.
— — Giesbrecht & Schmeil, 1898, p. 39.
— — Esterly, 1905, p. 159: text-fig-24, a-d.
— — Pesta, 1921, p. 513: text-fig. B 25.
— — Wolfenden, 1911, p. 298.
— — Sars, 1925, p. 104: pl. 30, figs. 1-6
— — Rose, 1929, p. 25.
— — Cleve, 1900, p. 65.
— — Wilson, 1932, p. 62: fig. 41. 1942, p. 185
— — Sewell 1929, p. 149
— —, Brodsky, 1950, p. 200. Fig. 115, USSR
— —, Sewell, 1947, p. 117,
— —, Grice, 1962. p. 203, pl. 14, fig. 21-23

Euchaeta spinosa- 2

- --, Tanaka & Omori, 1968, p. 224
- , Furuhashi, 1961: 106
- , Bjornberg, 1963: 104 (table 7), *table 17*
- , QING-CHAO & CHIA-JUI, 1974: 136
- , OWRE & FOYO, 1964a: 343
- , OWRE & FOYO, 1972: TAB. 3
- , SCOTTO DI CARLO, ET AL., 1975: TAB. 1
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & GRICE
1966 (UNPUBL.): APPENDIX

Euchaeta spinosa Giesbrecht, 1892

card 23

-- --, Hure & Scotto di Carlo, 1968, p. 49.

— Deevy & Brooks, 1977: 264

---, Rose, 1956, p. 460

--, Sato, 1913, in no. 11

---, Morris, 1970, pp. 2300 & 2302.

--, Roe, 1972, pp. 295-

--, Moore & O'Berry, 1957, pp. 299-

--, Moore & Foyo, 1963, pp. 504- (Syn. E. marina)

--, Vives, 1972, p. 212.

-7, Park, 1975, p. 3, 4, 8, fig. 5.

--, PARK, 1978: 202, 203, 204, 213-215 ♂, 217; FIGS. 71, 72

Euchaeta spinosa Giesbrecht, 1892

CHENG et al. 1965: 3

Gardner & Sgobo, 1983, p. 26, 266-267.

Grice & Huisemann, 1968: 461, 2

TANAKA 1958: 327, 332-333, FIG. 64A-F. JAPAN.

Bjornberg, 1981: 633, fig. 211#3

MADHU PRATAP & HARIDAS, 1986: 108-INDIAN OCEAN

Hare, 1955: 26

MAZZA 1965: 318

^E
Paraeuchaeta spinosa (Giesbrecht, 1892)

4

E.-, COPLEY ET AL. 1989: 12-, NW ATLANTIC

EUCHAETA-, LE BORGNE 1986: 142-

P.-- Bradford et al. 1983: 18, 23, 54, 56, 133, 140, figs.
P.- 30, 87; record - sw Pacific

PARAEUCHAETA-, MAUCKLINE 1988: 733; FIG.

22c, PORE SIGNATURE

Euchaeta- Soldevilla et al 1988: 58 Canary Is

EUCHAETA-, CUMMINGS 1982: 34-, GULF OF
MEXICO

E.-, SUAREZ, E. + BASCA 1989a: 198-, YUCATAN CHANNEL

Paraeuchaeta ^Fspinosa (Giesbrecht, 1892)

card 5

Euchaeta -, Shih et al. 1971:147, Canada - Pacific

E. -, LAKKIS 1984:289-, F. MEDITERRANEAN

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

E. -, REID 1990g:187

E. -, SUÁREZ, E. 1992:138-, GULF OF MEXICO

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

E. -, PARK 1995:27-, FIG. 18, SYNONYMY, DESCRIPTION,
DISTRIBUTION

E. -, ROSE 1934:56-81, OFF ALGERIA

Euchaeta subtenuis

-- Chen, Q-C 1986: 526-

Euchaetidae - Calanoida.

Euchaeta sutherlandii Lubbock, ♂.

— — Lubbock, 1856, p. 14; pl. 9

— — Lubbock, 1860, p. 7.

--, Bradford, 1974, p. 159

A synonym of E. marina
(Giesbrecht, 1892, p. 245)

Euchaeta tenuis Esterly, ♀. ①

— Esterly, 1906, p. 61: pl. 9, f. 12: pl. 10, f. 29, 31,

— A. Scott, 1909, p. 68: pl. 19, figs. 1-8.

— Sewell 1929, p. 149, fig. 58♀ ♂, Indian O.

—, BRODSKY, 1950, p. 201, fig. 117, USSR

—, SEWELL, 1947, p. 117.

Habitat, Pacific near California.
Malay Archipelago

—, Sreekumaran, et al 1981: passim

— Sarkar, et. al., 1986: 178

E. tenuis, Grice, 1962. p. ~~20~~ 201, pl. 13, fig. 15-20

- TANAKA 1958: 327
- TRANTER 1977: 593-625.
- YAMANAKA 1976: 161-196, SW ATLANTIC
- MADHU PRATAP & HARIDAS 1986: 108, 110, INDIAN OCEAN

Paraeuchaeta tenuis (Esterly, 1906)

(2)

P. - Bradford 1983: 23; syn. Euchaeta solida Esterly, 1911

EUCHAETA SOLIDA, ESTERLY 1911: 324, PL. 26, F. 2;
PL. 28, F. 34; PL. 30, F. 78 - N.SP., CALIFORNIA COAST

E. -, PARK 1995: 25-, FIGS. 15, 16, SYNONYMY,
DESCRIPTION, DISTRIBUTION (PACIFIC, INDIAN OC.)
ARABIAN SEA)

E. -, OKENWA & REVIS 1986: 30, TAB. 1, KENYA COAST

Euchaeta tonsa Giesbrecht - see Paraeuchaeta

Evchaetidae - Calanoida

Evchaeta trunculosa Pesta, ♀.

— — Pesta, 1909, p. 30: figs. 2-5.

Habitat. Mediterranean.

EUCHAETA TUBERCULATA (A. Scott) -

SEE PARAEUCHAETA

--, PARK, 1978: 227

Euchaeta tumidula G. O. Sars - see Paraeuchaeta

EUCHAETA TYCODESMA PARK, 1978

- SEE PARAEUCHAETA

-- PARK, 1978: 202, 203, 228, 229-231 ♀ FIG. 83

EUCHAETA VERVOORTI PARK, 1978

- SEE PARAEUCHAETA

-- PARK, 1978 : 203, 238-240 ♀ FIG. 90

Euchaeta vorax Grice & Hulseman

-- Grice & Hulsemann, 1968: 331-332, fig 49-52

' - SEE PARAEUCHAETA

Euchaeta weberi (A. Scott) - see Paraeuchaeta

EUCHAETA WITHI (SEWELL, 1947)

- SEE PARAEUCHAETA.

= EUCHAETA HANSENII, PARK, 1978: 246

-- SANDER + MOORE 1978: 232.

-- BRADFORD ET AL. 1983: 23, SYN. OF P. HANSENII

FUCHAETA WOLFENDENI - SER E. INDICA

Euchaeta wrighti Park, 1968

-- Park 1968: 527-572, n.sp. female only

Paraeuchaeta -, n. comb., Bradford et al. 1983: 23

Euchaeta -, Park 1995: 10, 26

Fuchaeta sp.

- , Seno, Komaki & Takeda, 1963, tab. 2
-- Harding, 1974, p. 142.
- SP. JUV., ARCOS 1978: TAB. III.
--, FIGUEIRA 1971: 147.
--, Chiba & Hirakawa 1972: Tab. 2.
--, Ogawa, 1977, p. 3
--, Hempel, et al., 1983, p. 18
-- ZMIJEWSKA 1983: 33-45, PRYDZ BAY, ANTARCTICA
- JUV., CARLI 1968: 100-, LIGURIAN SEA
-- HERRING 1988: 185-
- SP. COPLEY + WIEBE 1990: 4, FIGS. 11d-j, 12a-d, GUAYMAS,
12 SEP. 1-3

Euchaeta sp.

card 2

-- Shih et al. 1971:147, Canada - Pacific

-- SIFERD + CONOVER 1992:277, TAB. 1, CANADIAN ARCTIC

EUCHAETA spp.

-- CUMMINGS 1982: 32-, GULF OF MEXICO