

(17)

Aetideidae - Calanoidea

Undeuchaeta valid

Giesbrecht, 1888.

U. major [⊙]

Syn. Euchaeta (pars), Brady, 1883, p. 57.

Undeuchaeta, Giesbrecht, 1888, p. 335.

—, Giesbrecht, 1892, pp. 54, 227, 766.

—, Giesb. & Schmeil, 1898, p. 33.

—, Sars, 1900, p. 58.

—, Wolfenden, 1903, p. 267.

—, Esterly, 1905, p. 147.

UNDEUCHAETA

GIESBRECHT, 1888 (3)

- MAUCKLINE 1988: 730-, FIG. 208, PORE SIGNATURE
- TANAKA, 1957d: 190, 192, 197, 198, 199, 205
- PARK, 1978: 182 SYN: MESUNDEUCHAETA
- Bradford & Jillett, 1980, p. 80
- Gardner & Szabo, 1982, p. 26, 247.
- VYSHKVARZHEVA 1994: 120

Aetideidae - Calanoida.

Undevchaeta bispinosa Esterly, ♀.

56

— — Esterly, 1911^{1/2}, p. 318; pl. 26, f. 4; p. 29, f. 48,

— — Esterly, 1912, p. 319.

— — Sewell 1929, p. 124, fig. 47-48, ♀♂

— —, Brodsky, 1950, p. 183, FIG. 100. USSR

— —, Sewell, 1947, p. 103, - ARABIAN SEA.

Habitat. California Coast.

U. intermedia; Verwoort, 1957, p. 73.

--, Cushing, 1951, p. 178

--, PARK, 1978: 182

--, Gardner & Szabo, 1982, p. 26, 248-249, fig. 14.8.1

-- WICKSTEAD 1962: 550

Undeuchaela dubia G.O. Sars. ♀.

— — Sars, 1905, p. 15

Pseudochirella dubia Sars 1925, p. 96 ♂

Habitat. Station 1849, Monaco.

Aetideidae - Calanoida.

Undeuchaeta incisa Esterly, ♀.

— — Esterly, 1911 $\frac{1}{2}$, p. 319: pl. 27, §. 12, 19: pl.
28, §. 28: pl. 29, §. 59.

— —, BRODSKY, 1950, P. 184, FIG. 101, USSR

Undeuchaeta major; Vervoort, 1957, p. 71-73.

Habitat. California Coast.

--, PARK, 1978: 182, 183-187; FIGS. 54-56; JNWS: MESUNDEUCHAETA

ASYMMETRICA;

UNDEUCHAETA SUPERBA; U. MAGNA

PSEUDOCHELLA INCISA, GRICE, 1965

-- Bradford & Sillett, 1980, p. 80, fig. 56

- Vaupel Klein, 1984: (part. 7): 54-55, fig. 52,

7o, s, 8a, j, n, 9e, 11h, m, 12f, 13a, i,

14d, g, 16h, 17b, g, i, 18d, k, m, 25c.

-- RAZOUK 1994: 13

Aetideidae - Calanoida.

Undevchaeta intermedia A. Scott, ♀

①

— — A. Scott, 1909, p. 63: pl. 23, figs. 1-8.

-- --, Grice, 1962. p. 199. pl. 12, fig. 15-18

-- --; Vervoort, 1957, ~~ZOOX~~ p. 73.

-- , ~~Br~~ Bradford, 1970, p. 354, fig. 18, 19

-- Bradford, 1970 p. 346.

Habitat. Malay Archipelago.

--, Morris, 1970, pp. 2300.

--, PARQ, 1978, 182

--, STEPANJANTS, 1977: 78, 82, 85, 93, 95; TAB. 1, 3

Undeuchaeta intermedia A. Scott

card 2

-- Yamanaka 1976: 161-196, sw Atlantic

-- MAUCHLINE 1988: 730

-- LE BORGNE 1986: 142-

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

Unduchaeta japonica Chiba 1956

n. sp., Chiba, 1956, p. 48, fig. 39

Aetideidae - Calanoida

Undevchaeta lobata G.O. Sars, ♀

— — Sars, 1907, p. 11.

Changed to Pseudochirella 1 - Sars, 1925, p. 93.

UNDEUCHAETA MAGNA TANAKA, 1957

-- TANAKA, 1957 d: 203-204 f, FIG. 60

--, TANAKA, 1969: 266 FIG. 7a-e

= U. INCISA, (PARK, 1978: 187)

Retideidae - Calanoïda.

Undeuchaeta major Giesbrecht, ♂.♀.

Euchaeta australis ♀ Brady, 1883, p. 65: pl. 21, figs. 5-11.

Undeuchaeta major Giesbrecht, 1888, p. 335.

-- Giesbrecht, 1892, p. 227: pl. 37: 1895, p. 251.

-- Giesbrecht & Schmeil, 1898, p. 34.

--
Habitat. N. & S. Atlantic: Malay Archipelago:
Pacific.

--, PARK, 1978: 94, 182-183

--, Grice & Hulsemann, 1968: 329

- — Thompson, 1900, p. 278: Pearson, 1906, p. 15.
- — Sars, 1907, p. 3: v. Breemen, 1908, p. 43: f. 49, f.
- — Farran, 1908, p. 37: A. Scott, 1909, p. 61.
- — Wolfenden, 1911, p. 243.

Scolecithrix cristata Thompson, 1903, p. 21: pl. 3, f. 1-5.

U. major Wolfenden, 1904, p. 111: Cleve, 1904, p. 198.

— — Farran, 1905, p. 35: Esterly, 1905, p. 148: f. 16.

Chirudina angulata G. O. Sars, 1905, p. 13.

Undeuchaeta major With, 1915, p. 136: ¹³⁷ pl. 5,
fig. 2, a-d: text-fig. 36.

— — Stebbing, 1910, p. 527.

— — Esterly, 1905, p. 148: text-fig. 16, a-e.

— — Farran, 1929, p. 233.

U. major

(2)

- — Sars, 1925, p. 81: pl. 23, figs. 7-12
- — Wilson, 1932, p. 60: fig. 39. 1942, p. 210
- —, BRODSKY, 1950, p. 182. FIG. 99. USSR
- —, SEWELL, 1941, p. 104
- —, JENSEN, 1940, p. 26-27. S. of Iceland.
- —, FURUHASHI, 1961. p. 8
- —; PARK, 1970, p. 476
- —; VERVOORT, 1957, p. 71-73,
- —; SEWELL, 1913, p. 354; see Vervoort, 1957, p. 73
- —, BRADFORD, 1970, p. 354, fig 20-22
- —, BRADFORD, 1970, p. ³⁴⁷

- , Morris, 1970, p. 2300
- , Roe, 1972a, pp. 286-
- , Roe, 1972b, pp. 322, 337, 340-341, 342.
- , Vives, 1972, pp. 210, 238.
- , Furuhashi, 1961: 106
- , Bjornberg, 1963: 9, 36, 104, 104 (2 tables), table 8, 124
- , TANAKA, 1957 d: 199, 202-203 ♀ ♂ FIG. 59
- , BINET & DESSIER, 1971: 427, 452
- , FASHAM, ET AL., 1974: TAB. 1
- , OWRE & FOYO, 1964a: 343
- , OWRE & FOYO, 1964b: 363

- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RYDER
1966 (UNPUBL.): APPENDIX
- , Bradford & Sillett, 1980, pp 80, 82, fig. 57.
- Vampel-Klein, 1984: part 7, 53-54
- YAMANAKA 1976: 161-196, SW ATLANTIC
- GRICE & HART 1962b: TAB. 3, W. N. ATLANTIC
- Binet & Dessier, 1968: 7
- Bjornberg, 1981: 632, fig. 210 #17
- MADHUPRATAP & HARIDAS, 1986: 108, 109 -
INDIAN OCEAN
- Deevy & Brooks, 1977: 263

Undeuchaeta major Giesbrecht, 1888

card 3

-- Mauchline 1988: 730

- LE BORGNE 1986: 143-
- Soldevilla, et al. 1988: 58 Canary Islands
- CUMMINGS 1982: 34-, GULF OF MEXICO
- SUAREZ, E. + GASCA 1989a: 198; YUCATAN CHANNEL
- SUAREZ, E. + GASCA 1989c: 94-, COSTA RICA DOME
- COPLBY ET AL. 1989: 14-, NW ATLANTIC
- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA
- SUÁREZ, E. ET AL. 1990: 126; W. GULF OF MEXICO

Undeuchaeta major Giesbrecht, 1888

card 4

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

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

-- RAZOUKS 1994: 13

Aetideidae - Calanoida

Undeuchaeta minor Giesbrecht, ♂. ♀.

? Undina plumosa Lubbock, 1856, p. 18: pl. 9, figs. 3-5.

Euchaeta pulchra Brady, 1883, p. 63: pl. 14, figs. 6-9, ♀

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

Undeuchaeta minor Giesbrecht, 1880, p. 335.

Habitat. N. & S. Atlantic: Pacific: Malay
Archipelago.

- — Giesbrecht, 1892, p. 228: pls. 14 & 37.
- — Giesbrecht, 1895, p. 251; Canu, 1896, p. 424.
- — Giesbrecht & Schmeil, 1898, p. 34.
- — Wolfenden, 1904, p. 111; Cleve, 1904, p. 198.
- — Thompson & Scott, 1903, p. 244.
- — Farran, 1905, p. 35; Eisterly, 1905, p. 149: f. 17.
- — Pearson, 1906, p. 15; Sars, 1907, p. 3.
- — v. Breemen, 1908, p. 44: f. 50; Wolfenden, 1911, p. 244.
- ? — australis Th. Scott, 1893, p. 58: pl. 6, fig. 23. ♂.
- — Sars, 1905, p. 4. ♂.
- — plumosa A. Scott, p. 62, 1909: pl. 22, figs. 1-8.

U. minor (2)

Undeuchaete minor With, 1915, p. 132: pl. 5,

fig. 3, a-g: text-figs. 35, a-g. ¹³⁶ [pl. 7, fig. 6

Undina pulchra Lübböck, 1856, p. 14: pl. 4, fig. 5-8; n

Euchaeta — T. Scott, 1894, p. 57.

— australis ♂ T. Scott, 1894, p. 58: pl. 6, fig. 23.

Undeuchaeta minor. Stebbing, 1910, p. 527.

— — Fisterly, 1905, p. 149: text-fig. 17, a-b.

— — Farran, 1929, p. 233.

— — Wilson, 1932, p. 61: fig. 40.

— — Chiba, 1956, p. 53, fig. 46A-B

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

(over)

see U. plumosa; Vervoort, 1957, p. 70-71.

-- --, Chiba, 1956, p. 53, fig. 46

--, Corral, 1970, p. 153

--, Bjornberg, 1963: 104

--, (= U. PLUMOSA), TANAKA, 1957d: 199-201

-- SANDER + MOORE 1978: 233.

-- ALVARIÑO 1989: 69, OFF S. CALIFORNIA

- — Thompson, 1900, p. 278: Pearson, 1906, p. 15.
- — Sars, 1907, p. 3: v. Breemen, 1908, p. 43: f. 49, f.
- — Farran, 1908, p. 37: A. Scott, 1909, p. 61.
- — Wolfenden, 1911, p. 243.

Scolecithrix cristata Thompson, 1903, p. 21: pl. 3, f. 1-5.

U. major Wolfenden, 1904, p. 111: Cleve, 1904, p. 198.

— — Farran, 1905, p. 35: Esterly, 1905, p. 148: f. 16.

Chirudina angulata G. O. Sars, 1905, p. 13.

Undeuchaeta major With, 1915, p. 136: ¹³⁷ pl. 5,
fig. 2, a-d: text-fig. 36.

— — Stebbing, 1910, p. 527.

— — Esterly, 1905, p. 148: text-fig. 16, a-e.

— — Farran, 1929, p. 233.

- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RYDER
1966 (UNPUBL.): APPENDIX
- , Bradford & Sillett, 1980, pp 80, 82, fig. 57.
- Vampel-Klein, 1984: part 7, 53-54
- YAMANAKA 1976: 161-196, SW ATLANTIC
- GRICE & HART 1962b: TAB. 3, W. N. ATLANTIC
- Binet & Dessier, 1968: 7
- Bjornberg, 1981: 632, fig. 210 #17
- MADHUPRATAP & HARIDAS, 1986: 108, 109 -
INDIAN OCEAN
- Deevy & Brooks, 1977: 263

- — Giesbrecht, 1892, p. 228: pls. 14 & 37.
- — Giesbrecht, 1895, p. 251; Canu, 1896, p. 424.
- — Giesbrecht & Schmeil, 1898, p. 34.
- — Wolfenden, 1904, p. 111; Cleve, 1904, p. 198.
- — Thompson & Scott, 1903, p. 244.
- — Farran, 1905, p. 35; Eisterly, 1905, p. 149: f. 17.
- — Pearson, 1906, p. 15; Sars, 1907, p. 3.
- — v. Breemen, 1908, p. 44: f. 50; Wolfenden, 1911, p. 244.
- ? — australis Th. Scott, 1893, p. 58: pl. 6, fig. 23. ♂.
- — Sars, 1905, p. 4. ♂.
- plumosa A. Scott, p. 62, 1909: pl. 22, figs. 1-8.

see U. plumosa; Vervoort, 1957, p. 70-71.

-- --, Chiba, 1956, p. 53, fig. 46

--, Corral, 1970, p. 153

--, Bjornberg, 1963: 104

--, (= U. PLUMOSA), TANAKA, 1957d: 199-201

-- SANDER + MOORE 1978: 233.

-- ALVARIÑO 1989: 69, OFF S. CALIFORNIA

Undeuchaeta obtusa G.O. Sars. ♀.

— — Sars, 1905, p. 13.

Chironomina abyssalis, With, 1915, p. 147

Pseudochirella obtusa, Sars, 1925, p. 83; pl. 24, figs. 1-4.

Habitat. Station 139, 189, 212, 258, 1549,
1639, 1760, 1849, 1859. Monaco.

Aetideidae - Calanoida

Underchaeta palliata G.O. Sars, ♀.

— — Sars, 1907, p. 11

Changed to Pseudochirella p. - Sars, 1925, p. 92.

Aetideidae - Calanoida

Undeuchaeta plumosa (Lubbock) ♀, ♂.

Undina — Lubbock, 1856, p. 18. 24

Euchaeta australis, Brady, 1883, p. 65: pl. 20, f. 5-11.

Undeuchaeta minor Giesbrecht, 1892, p. 228.

— plumosa A. Scott, 1909, p. 62: pl. 33, f. 1-8.

— — Sars, 1925, p. 79.

— —, Mori, 1937, p. 41 - JAPAN

Habitat, N. & S. Atlantic: Mediterranean & Pacific

— —, Jeppesen, 1940, p. 26. S. of Iceland.

— —, Owre, 1962

— —, Bradford, 1970, p. 354, Fig. 23

— — Rose, 1929, p. 24.

— — Wilson 1942, p. 210

— —, BRODSKY, 1950, P. 181, FIG. 98, USSR

-- --, Furuhashi, 1961. p. 7

-- --, Grice, 1962. p. 199, pl. 12, fig. 1-14

-- --, Heinrich, 1961. pp. 84-85, (vertical distribut.)

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

-- --, Tanaka, 1969, pp. 265-266.

-- --; Park, 1970, p. 476

-- --; Vervoort, 1957, p. 70-71.

-- --; Bradford, 1970 p. 347

Undeuchaeta plumosa (Lubbock, 1856) card 2

-- --, Chiba, 1956, p. 42

--, Bradford, 1972, p. ~~40~~, fig. 8.7-8.8

--, Corral, 1970, pp. 153-4, pl. 43

--, Bowman, 1971, p. 6n-

--, Morris, 1970, p. 2300.

--, Roe, 1972,^a pp. 285-

--, Roe, 1972b, pp. 322, 337, 341, 342.

--, Vives, 1972, pp. 209, 210, 237-9.

--, Furuhashi, 1966: 306, 312

--, STEPANJANTS, 1977: 75, 83, 85; TAB. 1, 3

--, Furuhashi, 1961: 74, 106

--, TANAKA, 1957d: 199-201 ♀♂ FIG. 58 SYN. U. MINOR

--, PARK, 1975: 152; SYN: U. MINOR; EUCHAETA AUSTRALIS;
E. PULCHRA

--, BINET & DESSIER, 1971: 427, 450

--, FASHAM, ET AL., 1974: 98; TAB. 1, 4

--, JAWED, 1973: 94

--, OWRE & FOYO, 1964b: 363

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

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

--, Bjornberg, 1963: 123

Undeuchaeta plumosa (Lubboeck, 1856) ^{card 3}

-- Bradford & Jillett, 1980, p. 83, fig. 58.

— Ramirez, 1969: 61-63, fig. 64-65, 71, 75

-- GRICE & HART 1962b: TAB. 3, W. N. ATLANTIC

— Tanaka, 1965a: 21, fig. 9a-c

~ Binet & Dessier, 1968: 8

— Bjornberg, 1981: 632, fig. 210 #18

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

— Deevey & Brooks, 1977: 263

-- MAUHLIN 1988: 730

Undeuchaeta plumosa

card 4

- Soldevilla et al. 1988: 58 Canary Islands
- CUMMINGS 1982: 32-, GULF OF MEXICO
- ROE 1974: 106-, N. ATLANTIC
- GRANT 1977: 4-8-, OFF NEW JERSEY
- COPLEY ET AL. 1989: 14-, NW ATLANTIC
- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA
- SUÁREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO
- GUEREDRAT 1971a: 300-, EQUATORIAL PACIFIC
- SUAREZ, E. 1992: 136-, GULF OF MEXICO
- SUAREZ + GASCA 1991: 596-, GULF OF MEXICO

Undeuchaeta plumosa (Lubbock, 1856)

card 5

-- Razouls 1994: 13

Aetideidae-Calanoidea

Undeuchaeta pustulifera G. O. Sars, ♀.

— L Sars, 1905, p. 14.

— — v. Breemen, 1908, p. 44.

A synonym of Chirudina pustulifera.
(Witt, 1915, p. 145)

= PSEUDOCHERELLA POSTULIFERA, (PARK, 1978: 165)

Netastacidae - Caraniscia
Undeuchaeta scopularis G.O. Sars. ♀

— — Sars, 1905, p. 14

Pseudochirella — Sars, 1925, p. 90.

Habitat. Station 1639, Monaco (1 specimen)

Aetideidae — Calanoida

Undeuchaeta spectabilis G.O. Sars, ♂. ♀.

— — Sars, 1900, p. 59; pls. 15-16.

— — Mrázek, 1902, p. 522.

A synonym of Chirudina parvispina.
(With, 1915, p. 151).

Aetideidae, — Calanoida

Undeuchaeta superba With, ♂. ♀.

— — With, 1915, p. 137: ¹⁴¹ pl. 4, fig. 6, a-b: pl. 5,
fig. 1, a-c: text-fig. 37, a-f.

— —, JESPERSEN, 1934, p. 67, S. DAVIS STR. W. GREENLAND WATERS.

Pseudochirella —, Jespersen, 1940, p. 27. S.W. of Iceland.

Pseudochirella incisa — Grice, 1964. pp. 262-3, fig.
41-42

Habitat, North Atlantic.

--, TANAKA, 1957d: 204

= U. weisa (PARRE, 1978: 183)

Undeuchaeta sp.

-- --, Chiba, 1956, p. 42

-- TRANTER 1977:598.