

Actideidae - Calanoida -

m)
Pseudochirella

G. O. Sars, 1920

P. calcarata ①

Syn. Pseudochirella, Sars, 1920, p. 5.

PSEUDOCHIRELLA

- MAUCHLINE 1988: 730-, FIG. 20C, PORE SIGNATURE
- , TANAKA, 1957d: 192, 197, 198, 199
- , PARK, 1978: 158-159; KEYS TO ANTARCTIC ♀ ♂ SPECIES
- Bradford & Jillett, 1980, pp 66-67;
- Gardner & Szabo, 1982, p. 26, 251.
- BJÖRNBERG, T. 1986: 54-, FIG. 9c
- VYSHKVA RTZVA 1994: 120

Pseudochirella accepta Zvereva 1976

-- Zvereva 1976b: 200-202, figs. 1-12, n. sp. ♀,

Bering Sea.

-- MARKHASEVA 1986a: 465

PSEUDOCHERELLA BATILLIPA PARK, 1978

- PARK, 1978 : 176 FIGS. 50, 51 ♀
- MARKHASEVA 1984 : 511-514, CENTRAL ARCTIC
- RAZOUKS 1994 : 12

Aetideidae-Calanoida

Pseudochirella bilobata Vervoort

Vervoort, W., --- 1949, pp. 38-41, fig. 18.

Tanaka, Omori -- 1969, pp. 155

--, PARK, 1978: 158 i SYN: GALDIUS PARUISPINA

Pseudochirella bowmani Markhaseva

Pseudochirella scopularis (Sars). -Wilson, 1950:317.

Pseudochirella bowmani Markhaseva 1986*a*:passim.;
462-465, figs. 1(1-6), 2(1-8), n. sp. ♀ only -
southeastern Pacific

Aetideidae - Calanoida

Pseudochirella calcarata G.O. Sars, ♀

— — Sars, 1920, p. 5.

— — Sars, 1925, p. 89: pl. 13, figs. 15-21.

--, PARK, 1978: 158

Habitat. Station 2959, Monaco, Atlantic.

Pseudochirella dentata

--Tanaka, Omori, 1969, pp. 155.

--, PARK, 1978: 158

--, Bradford & Jillett, 1980, pp. 67-68, fig. 46

Aetideidae - Calanoida

Pseudochirella divaricata (G.O. Sars), ♀.

Gaidius — us, Sars, 1905, p. 10

Pseudo. — a, Sars, 1925, p. 91: pl. 25, figs. 5-7

— — Wilson 1942, p. 205

— —, JESPERSEN, 1934, p. 66, S. DAVIS STR. W. GREENLAND WATERS.

— —, PARK, 1978: 158

Habitat. Temperate Atlantic

— Deevy & Brooks, 1977: 263

Pseudochirella divaricata (G.O.SARS) (2)

--Tanaka, Omori, 1969, p.155.

-- MAUCHLINE 1988: 730

Aetideidae-Calanoidea

Pseudochirella dubia (Sars) ♀♂

①

_____, Sars, 1925, p. 96 - AZORES .

Undeuchaeta dubia Sars, 1905, p. 15

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

-- , PARK, 1978: 158

-- MAUCHLINE 1988: 730

Pseudochirella dutra

(3)

-Tanaka & Omori, 1969, p. 135.

Pseudochirella elongata (Wolfenden, 1905)

-- --; Vervoort, 1957, p. 69, fig. 54.

- - , Bernard, 1970, p. 109, 117, 122, 132, 167

-- , Tanaka, Omori, 1969, pp 155

-- , PARK, 1978: 94, 158, 159-163 ♀♂; FIGS. 37-40; sub. KUCHIRELLA E.

-- MARKHASEVA 1984: 511-514, FIGS. 1, 2 - CENTRAL
ARCTIC

-- RAZOULS 1994: 12

Aetideidae - Calanoida.

Pseudochirella fallax G. O. Sars. ♀.

— — Sars, 1920, p. 6

Bradyetes major, Sars 1907, p. 9

— — Sars 1925 . p. 95

--, WHEELER, 1970: TAB. 4

Habitat.

— Deevy & Brooks, 1977: 263

--, PARK, 1978: 158

Aetideidae-Calanoida

Pseudochirella gibbera Vervoort

Vervoort, W., --- 1949, pp. 41-43, fig. 19.

Tanaka, Omori -- 1969, pp. 155

--, PARK, 1978: 158

Pseudochirella granulata

—Tanaka & Omori, p. 155

--, PARK, 1978: 158

PSEUDOCHERELLA GURJANOVAE BRODSKY, 1955

-- MARKHASEVA, 19866, TRANSFERRED TO
BATHEUCHAETA

Pseudochirella hirsuta (Wolfenden, 1905)

-- --; Vervoort, 1957, p. 69, fig. 54.

-- Tanaka, Omori, 1969, pp. 156.

--, PARK, 1978: 94, 158, 163-165 ♀; FIGS. 41-42; SYN: EUCHIRELLA H.

--, Grice & Hulsemann, 1968: tbl. 2

PSEUDEUCHIRELLA --, YAMANAKA 1976: 161-196, SW ATLANTIC

-- RAZOULS 1994: 80, PL. 33, ANTARCTIC; 12

Pseudochirella incisa

(Esterly, 1911)

-- --, Esterly, 1911

Undeuchaeta superba With, 1915., 137 pl. 4 fig 6a-b
pl. 5 fig 1a-c

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

GRICE, 1964 = UNDEUCHAETA INCISA, (PARK, 1978: 183)

--, Grice & Hulsemann, 1968: t. 1. 2

- Mesundeuchaeta asymmetrica
Wolfe 1911: 244 pl. 29 f. 4-7

Pseudochirax limata, Grice & Hulsemann
, 1968

-- Tamako, Omori, p. 156

--, PARK, 1978: 158

--, Grice & Hulsemann, 1968: 327; fig. 20-25

Aetideidae - Calanoida

Pseudochirella lobata (G.O. Sars), ♀.

Undevchaeta p - Sars, 1907, p. 11.

P - l - , Sars, 1925, p. 93: pl. 25. figs. 11-13.

--, PARK, 1978: 158

Habitat, Temperate Atlantic.

Pseudochirella magna (Wolfenden)

Chirundina magna, Wolfenden 1911, p. 241, fig. 27, +
pl. 28, figs. 10-13

Pseudochirella magna, Sewell 1929, p. 129, fig. 49
Indian O. ♀

— —, SEWELL, 1947, P. 97, FIG. 21, ARABIAN SEA.

— —, VERVOORT, 1949, P. 48, FIG. 22, 23, BANDA SEA, FLORES SEA AREA.

— Tanaka, & Omori, 1969, p. 156.

--, PARK, 1978: 158

--, OWBE & FOYO, 1964a: 355

Pseudochirella mawsoni Vervoort, 1957

-- -- Vervoort, 1957, pp. 64-67, figs. 44-48.

-- --; Tanaka, Omori, 1969, p. 156

--, PARK, 1978: 95, 158, 171, 172-176 ♀♂; FIGS. 48-49; SYN.

P. TUBEROSA

--, Bradford & Sillett, 1980, pp 68-71, fig. 47.

-- RAZOUKS 1994: 82, PLS. 34, 35, ANTARCTIC; 12

Pseudochirella notacantha (G.O. Sars) ♀♂.

— — Sars, 1924, p. 86: pl. 24, figs. 7-12

— — Farran, 1929, p. 232.

Gaëdius notacanthus, Sars, 1905, p. 9.

— — Farran, 1909, p. 33: pl. 3, fig. 7. ♂.

— — Tanaka, Omori, 1969, pp. 156, 162, 166.

Habitat. Antarctic; temperate Atlantic.

—, PARK, 1978: 94, 158

— Deavey & Brooks, 1977: 263

Chirundina notacantha With, 1915, p. 148.

— —, SEWELL, 1947, p. 98, FIG. 21, D

— —, JESPERSEN, 1934, p. 66, S. DAVIS STR. W. GREENLAND WATERS.

— —; Vervoort, 1957, p. 67-69, figs. 49-53.

-- RAZOUKS 1994:12

Aetideidae - Calanoida

Pseudochirella obesa G.O. Sars, ♀

— — Sars, 1920, p. 6.

— — Sars, 1925, p. 94

— —, JESPERSEN, 1934, P. 67, DAVIS STR. GREENLAND WATERS.

— Devey & Brooks, 1977: 263

Habitat. Stations 2738, 2959, Monaco.

--, PARK, 1978: 158

--, OWRE & FOYO, 1964a: 342, 343, 351-357 & FIG.

16-34

- , OWREN & FOYO, 1972: TAB. 3
- , OWREN & FOYO, 1964b: 363
- , Bradford & Jillett, 1980, p. 71., fig. 48.
- Vampel-Klein, 1984: part 7, 52, fig. 3b, 5a,
7a, 8i, m, 12e, 15j-k, 16i, l, m, n, 17d
18c, g, i, pl. 1c, d, pl. 2a
- SANDER + MOORE 1978: 233
- MARKHASEVA, 1986a: 463

Pseudochirella obtusa (G.O. Sars). ♀

Undeuchaeta — Sars, 1905, p. 15.

Chirundina abyssalis With, 1915, p. 147: pl. 5, f. 5.

Pseudochirella obtusa, Sars, 1925, p. 83: pl. 24, f. 1-4.

— — Sewell 1929, p. 131, fig. 50 ♀, Indian O.

— — SEWELL, 1947 p. 101,

— — VAUPEL-KLEIN,
— — Bradford & Jillett, 1972, p. 501-571

Habitat. Atlantic: Mediterranean.

— — Tanaka, Omori, 1962, pp. 156

— — Roe, 1975, p. 309.

— — Bradford & Jillett, 1980, p. 71. fig. 49

— Vaupel-Klein, 1984: part 7: 52

— — Rose, 1929, p. 24.

— —, JESPERSEN, 1934, P. 65, S. DAVIS STR. GREENLAND WATERS.

— —, VERVOORT, 1949, P. 37, Fil. 21, c. TIMOR SEA, & FLORES SEA AREA.

--, Ehrhardt, 1967, p. 737-

--, Roe, 1972a, pp. 294-

--, VAUPEL-KLEIN, 1972: 502, 508, PL. 6c (SEM)

--, PARK, 1978: 158; 542: CHIRODINA ABYSSALIS; EUCHIRELLA
DUBIA

--, FERRARI, 1980: 543, 545.

Pseudochirella obtusa (G. O. Sars, 1905)

card 2

-- Mauchline 1988: 730

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

PSEUDOCHERELLA PACIFICA (BRODSKY)

- — BRODSKY, 1950, P. 189, FIG. 105, U.S.S.R.
— TANAKA, Omeri, 1969, P. 156.
-- PARK, 1978: 158
-- MOTODA + MINODA, 1974: 232 (as P. PACIFICUS)
-- ZVEREVA 1976b: 201-2, FIGS. 13-20, descr. ♀

Aetideidae - Calanoida

Pseudochirella palliata (G.O.Sars). ♀

Undeuchaeta - Sars, 1907, p. 11.

P - p - Sars, 1925, p. 92: pl. 25, figs. 8-10.

--, PARK, 1978: 158

Habitat. Temperate Atlantic.

PSEUDOCHIRELLA

POLYSPINA

(BRODSKY)

1950

- —, BRODSKY, 1950, P. 185, FIG. 102, USSR
- --: Vaupel-Klein, 1970, p. 15, fig. 4f.
- , Morris, 1970, p. 2300.
- Minoda, 1972, p. 327.
- Tanaka, Omori, 1969, pp 155, 160-164, 166. Fig 2.
- Roe, 1975, p. 309.
- Harding, 1974, p. 148
- , TANAKA, 1957 d: 194-195 ♀ FIG. 55
- , PARK, 1978: 158, 169-172, 176; FIGS. 45-47 ♂; 54 ♀. P. SPINIFER
- , Gardner & Szabo, 1982, p. 26, 252-253, fig. 14.9.1

PSEUDOCHERELLA POLYSPINA (BRODSKY, 1950) CARD 2

--, MOTODA + MINODA, 1974: 232

— Deevy & Brooks, 1977: 263

-- RAZOUK 1994: 12

Pseudochirella pustulifera (G.O. Sars) ♀.

— — Sars, 1925, p. 85: pl. 24, figs. 5-6

Undeuchaeta — Sars, 1905, p. 14. pl. 4, f. 3

Euchirella wolfendeni, Farran, 1909, p. 38: pl. 2, f. 18-19: ^

Chirundina pustulifera, Witt, 1915, p. 145.

— —, JESPERSEN, 1934, p. 65, S. DAVIS STR. GREENLAND WATERS.

— Tanaka & Onkore, 1969, p. 155, 162, 164 fig 3.

Habitat. Temperate & boreal Atlantic. —

—, TANAKA, 1957d: 192-194 ♀, FIG. 54

, 195,

—, PARK, 1978: ~~158~~ 158, 165-169, 176, FIGS. 43, 44; 540S. UNDEUCHAETAPUSTULIFERA, EUCHIRELLA WOLFENDI

- , Grice & Hulseemann, 1968: 461.2
- , FERRARI, 1980: 543, 545
- ZVEREVA 1976b: 201
- Deevy & Brooks, 1977: 263
- MAUCHLINE 1988: 730-, PORE-SIGNATURE
- RAZOUHS 1994: 12

Pseudochirella scopularis (G.O. Sars), ♀. ①

Undeuchaeta — Sars, 1905, p. 14.

Pseudoch. — Sars, 1925, p. 90: pl. 25, figs. 1-4.

— —, VERVOORT, 1949, p. 46, Figs. 21A, B. MOLUCCAN SEA,

— — Tanaka, & Onori, 1969, pp. 156.

— —, PARK, 1978: 158

Habitat, Temperate Atlantic

— —, FERRARI, 1980: 543, 545

PSEUDOCYRELLA SCOPULARIS (G.O. SARS) CARD 2

--, MARKHASKUA 1986a: 463, WILSON'S 1950

RECORD (p. 317) OF P. SCOPULARIS IS P.

BOWMANI N. SP.; 465 - RELATIONSHIPS.

Aetideidae-Calanoida

Pseudochirella semispina Vervoort

Vervoort, W. --- 1949, pp. 44-46, fig. 20.

Tanaka & Omori, p. 156, 169.

--, PARC, 1978: 158

PSEUDOCHIRELLA SPECTABILIS (SARS)
1900

— —, BRODSKY, 1950, P. 185, FIG. 103, (USSR)

--, PARK, 1978: 158

--, MOTODA & MINODA, 1974: 215, 232

PSEUDOCHIRELLA SPINIFERA (BRODSKY)

— — BRODSKY, 1950, P. 188, FIG. 104, USSR.

-- --: Vaupel-Klein, 1970, pp. 16-17.

- - -; Tanaka, & Onori, 1969, pp. 155, 162, 164, 165. Fig 4.

- - Minoda, 1972, p. 327.

--, PARK, 1978: 158 = P. POLYSPINA (p. 169)

--, MOTODA & MINODA, 1974: 232

PSEUDOCHEILIA SPINOSA (WOLFFENDE, 1911)

--, PARK, 1978: 158

-- RAZOUK 1994: 12

Pseudochirella squalida, 1967, Grice & Hulsemann, p. 24,
figs. 65-70;

-- Tanaka & Omori, 1969, pp. 156.

--, PARK, 1978: 158

--, Bradford & Jillett, 1980, p. 71, fig. 50

--, Grice & Hulsemann, 1968: tab. 2

--, FERRARI, 1980: 536-550, figs. 1-5

-- Devey & Brooks, 1977: 263

PSEUDOCYRELLA TUBERCULATA TANAKA, 1957

-- TANAKA, 1957 d: 195-197 ♀, FIG. 56

--, TANAKA + OMORI, 1969: 155, 166

--, ROE, 1975: 307-309 FIG. 7

--, PARR, 1978: 158

--, GRICE & HULSEMAN, 1968: tbl. 2

-- ZVEREVA 1976 ♀: 201

Pseudochirella tuberosa Grice & Hulsemann, 1968

--, Grice & Hulsemann, 1968: 327-329, fig. 26-33

--, Tanaka & Omori, 1969: 156

--, (= *P. mawsoni*) Park, 1978: 172.

Pseudochitella verrucosi

-- Tanaka, Omori, 1969, pp. 155, 166
fig. 5.

--, PARK, 1978: 158

Pseudochirella sp.

~~XXXXXX~~

-- sp. Vervoort, 1957, p. 69.

N.R. PSEUDOCHIRELLA, COPLEY ET AL. 1989: 13-,
NW ATLANTIC

Pseudochirella sp.

-- Grice, 1962. p. 196.

Pseudochirella sp.

--, Bradford, 1972, p. 40, fig. 81-8.6