

7n)

Aetideidae - Calanoida

Chirundinaⁿ valid

Giesbrecht, 1895.

C. streetsii ^(M)

Syn. Chirundina, Giesbrecht, 1895, p. 249.

Chirundina, Esterly, 1906, p. 58.

Chirundina Giesb. & Behm., 1898, p. 34.

Female. Rostrum 1-pointed, short; forehead with crest; lateral angles of last thoracic seg't. produced into short processes. Endopod of 2nd antennae half as long as exopod. Maxilla as in *Euchirella*. Exopod of 1st. legs 2-jointed; first basal of 4th. leg without spines.

Male. Last thorax seg't. not produced; exopod of 1st. leg 3-jointed; 5th. legs biramous, endopod 1-jointed, exopod 3-jointed; right endopod club-shaped, left one long and slender; last joint of exopod spine-like.

CHIRUNDINA

CALANOIDA AETIDEIDAE

GIESBRECHT 1895 (2)

- MAUGHLINE 1988: 731, FIG. 20D, PORE SIGNATURE
- , TANAKA, 1957d: 190, 197, 198, 199, 205
- , PARK, 1978: 176-179
- , Bradford & Sillett, 1980, p. 27.
- , Gardner & Szabo, 1982, p. 26, 243.

Chirudinaⁿ abyssalis Witt, ♂.♀. Aetideidae - Calanoida

- — Witt, 1915, p. 147: pl. 5, f. 5, a-f: text-f, 40, a-c. — 148
= Pseudochirella obtusa Sars, 1925, p. 83
= PSEUDOCHIRELLA OBTUSA, (PARK, 1978:158)

Habitat, IV. Atlantic.

Aetideidae - Calanoida
Chirudina angulata G.O. Sars, ♀.

— — Sars, 1905, p. 13.

A synonym of Undeuchaeta major.
(With, 1915, p. 136); Vervoort, 1957
p. 71-73.

Aetideidae-Calanoidea
Chirundina antarctica Wolfenden, ♀.

— — Wolfenden, 1911, p. 243: pl. 29. figs. 1-3.

--, PARK, 1978: 94, 176

-- RAZOUK 1994: 9

Habitat. Antarctic, 3000 m.

Chirundina carinata (Wolfenden)

Euchirella _____ Wolfenden 1905, p. 19, pl. 6; 1911, p.
235, pl. 26

_____ Sewell 1929, p. 123 (may be syn. *C. streetsi*)

CHIRUNDINA CRYPTOSPINA - SEE PSEUDOCHIRELLA

Aetideidae - Calanoida

Pseudochirella cryptospina (G.O. Sars). ♀. ①

Gaidius — us, Sars, 1905, p. 10.

— parvispinus, Farran, ^{for 1906} 1908, p. 34: pl. 2, f. 4-8.

♂ Chirudina — With, 1915, p. 151: pl. 5, f. 8: t. f. 42-43.

Pseudoch. crypt. Sars, 1925, p. 88: pl. 24, f. 13-14.

— — Sewell 1929, p. 128; desc. Indian O.

Habitat. Temperate & boreal Atlantic

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

-- Tonaka, Omori, 1969, p. 155.

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

PSEUDOCHIRELLA CRYPTOSPINA (G.O. SARS, 1905) (2)
CHIRUNDINA? —, M. ROSE 1934: 70-81, OFF ALGERIA

Chirundina indica Sewell

- — Sewell 1929, p. 119, fig. 45-46, ♀ & imm.
- — SEWELL, 1941, P. 92, FIG. 20 - A-E CUS ARABIAN SEA.
- --, Grice, 1962. pp. 196, 198, pl. 11, fig. 5-20
- --, Tanaka, 1969, pp. 262 -264, fig. 5 a-e
- , Morris, 1970, pp. 2300 & 2306, fig. 4.
- , TANAKA, 1957d: 190
- , PARK, 1978: 178, 179
- CUMMINGS 1982: 34, GULF OF MEXICO

Chirundina magna

= Chirundinella magna

Actideidae - Calanoidea

Chirudinaⁿ notacantha (G.O. Sars), ♂, ♀.

Gaidius — G.O. Sars, 1905, p. 9.

— — Farran, 1908, p. 33: pl. 3, fig. 7.

— ♂ — Not A. Scott, 1909, p. 52: pl. 21, f. 24-32.

Chirudina — Wilk, 1915, p. 148: pl. 5, fig. 7, a-b: pl. 6,

¹⁵¹ fig. 1, a-b: text f. 41, a-k

Habitat. N. Atlantic.

= *Pseudochirella notacantha*, Sars, 1925, p. 86

Aetideidae - Calanoida

Chirudina ⁿ parvispina (Farran), ♂, ♀.

Undeuchaeta spectabilis Sars, 1900, p. 59: pls. 15-16.

Gaidius parvispinus Farran, 1908, p. 34: pl. 2, f. 4-8.

Chirudina — With, 1915, p. 151: ¹⁵⁴pl. 5, f. 8a: text figs.

42, a-g, 43, a-h

Habitat. N. Atlantic.

Aetideinae - Calanoidea

Chirudinaⁿ pustulifera (G.O.Sars), ♀.

Undeuchaeta — G.O.Sars, 1905, p. 14. √-19: pl. 4, f. 3

Euchirella wolfendenii Farran, 1908, p. 38: pl. 2, f. 18.

Undeuchaeta pustulifera v. Breemen, 1908, p. 44.

Chirudina — With, 1915, p. 145: pl. 5, f. 6, a-d: text f. 39.

149

Habitat. N. Atlantic.

— — Wilson, 1932, p. 49 : fig. 30.

Pseudochirella pustulifera, Jespersen, 1940, p. 27. S. of Iceland.

--, (= PSEUDOCHIRELLA PUSTULIFERA), TANAKA, 1957d: 192-194

Chirudina ⁿstreetsii Giesbrecht, ♂♀.streetsii Giesbrecht, 1895, p. 249: pl. 1, figs. 5-10.streetsi Giesbrecht & Schmeil, 1898, p. 34.

— — Cleve, 1904, p. 187: Sars, 1905, p. 4.

— — Pearson, 1906, p. 16: Farran, 1908, p. 37.

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

— —, Sewell, 1947, p. 95,

— —, Jørgensen, 1940, p. 26. S. coast of Iceland.

- — Esterly, 1906, p. 59: pl. 9, fig. 2: pl. 10, fig. 28;
 pl. 12, fig. 58: pl. 14, figs. 86 and 87.
- — v. Breemen, 1908, p. 46: Wolfenden, 1913, p. 241.
- — A. Scott, 1909, p. 43: pl. 12, figs. 1-11.
- — Witt, 1915, p. 141: ¹⁴⁵pl. 5, fig. 4, a-g: pl. 8, fig. 5,
 a-b: text-fig. 38, a-k.
- — Stebbing, 1910, p. 527, Rose, 1929, p. 23
- Euchirella carinata* Wolfenden, 1902, p. 366: 1903, p. 115.
- C. streetsi* Sars, 1905, a, p. 4.
- — Wolfenden, 1911, p. 241: text-fig. 26. Fig. 29.
- — Farran, 1929, p. 234. — Wilson, 1932, p. 48
- — Sars, 1925, p. 77: pl. 22, figs. 8-13.
- — BRODSKY, 1950, p. 180, FIG. 97, USSR

Chirundina streetsii

card 2

- , Furuhashi, 1966: 309, 312
- , Furuhashi, 1961: 106
- , TANAKA, 1957d: 190-192 ♀♂, 198, FIG. 53
- , PARK, 1978: 176, 179-181 ♀; FIG. 52, 53
- , BINET & DESSIER, 1971: 427, 452
- , FASHAM, ET AL., 1974: 98; TAB. 1, 4
- , OWRE & FOYO, 1972: TAB. 3
- , OWRE & FOYO, 1964b: 363
- , Bradford & Jillett, 1980, p. 27, fig. 15.
- , Gardner & Szabo, 1982, p. 26, 244-245, fig. 14.7.1
- , Grieve & Hulsemann, 1968: tbl. 2

- Vaupel-Klein, 1984: 51 part. 7., fig. 3f, 6a, 7a, m, 11f, 13f, 16a-b, 17c, 18b, 25d.
- TRANTER 1977: 598.
- GRICE & HART 1962b: TABLE 3, W. NORTH ATLANTIC
- MADHUPRATAP & HARIDAS, 1986: 108, INDIAN OCEAN
- Deevy & Brooks, 1977: 263
- MAUCHLINE 1988: 731
- STREETS, LE BORGNE 1986: 143-
- VAUPEL KLEIN 1986: 494-499, FIGS. 1a, b, 3a, b, f, g

Chirundina streetsii

(2)

- --, Furuhashi, 1961. p. 8
- --, Grice, 1962. p. 196, pl. 11, fig. 1-4
- --, Owre, 1962
- --, Tanaka, 1969, p. 262
- --; Park, 1970, p. 475.
- --, Bradford, ~~1970~~, 1970, p. 353, fig 13, 14
- --, Bradford, 1970, p. 346
- --, Morris, 1970, pp. 2300 & 2306.
- --, Roe, 1972a, pp. 286-
- --, Roe, 1972b, pp. 337, 341-342. (?Syn. Euchirella carinata -- Wolfenden, 1902, --Wolfenden 1904)

10537-8

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

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

Chirundina streetsii

card 4

- Soldevilla, et al. 1988: 58 Canary Islands

-- CUMMINGS 1982: 33-, GULF OF MEXICO

- STREETSII, COPLEY ET AL. 1989: 11-, NW ATLANTIC

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

- STREETSII, RAZOUBS 1994: 9

- STREETSII, T. SCOTT 1909: 127, N. SEA OFF SCOTLAND