

in)

Scotecthricidae - Calanoida.

Scottocalanus.

Scotecthricidae

(M)

G.O. Sars, 1905

S. securifrons.

Syn. Scottocalanus Sars, 1905, p. 7.

Scottocalanus A. Scott, 1909, p. 103.

Differs from Scolecithrix in the singular form of the front of the head, in the very short and bifurcate rostrum, and in the structure of the 5^o legs in both sexes.

Scottocalanus Sars, 1905

(2)

- KABATA 1988b: 6, ORIGIN OF NAME
- , Gardner and Szabo, 1982, p. 26, 273
- , Park, 1983a: 197-200
redefn. genus & Key.
- BRADFORD ET AL. 1983: 73, 114, 115-116, DIAGNOSIS
& SPECIES LIST.
- MAUCHLINE 1988: 737-, FIG. 24A, PORE SIGNATURE
- CAMPANER 1989: 229-, RELATIONSHIP OF MACANDREWELLA
CHELIPES (GIESBRECHT) & SCOLECOCALANUS FARRAN

⑦

SCOTTOCALANUS SARS, 1905

NR. -, COPLEY + WIEBE 1990: 13, GUAYMAS BASIN

- VERVOORT 1990: 177 -, CF. SCOLECOCALANUS

Scottocalanus acutus G.O.Sars, ♂.♀.

— —, n.sp. Sars, 1905, p. 7.

--, (= S. securifrons) VERHOEFT, 1965: 36-38

A synonym of Scottocalanus securifrons.
(With, 1915, p. 220)
(Sars, 1925, p. 160)

Scottocalanus australis Farran ♀.

— — Farran, 1936, p. 101: fig. 13, a-e

Scottocalanus —, Tanaka, 1961. pp. 146-7, fig. 108

--, Vives, 1972, p. 215, 216, fig. 5.

--, (= S. HELENAE) VERVOORT, 1965: 38, 40-42, 45-56,

FIGS. 7-13, 17c

Habitat, Great Barrier Reef.

--, GOPALAKRISHNAN, 1974: 278

--, OWEE & FOVO, 1964a: 343

- Deevy & Brooks, 1977: 264

Scottocalanus australis Farran, 1936

card 2

-- Bradford et al. 1983: 115, syn. of S. helenae

(Lubbock)

-NR.-, COPLEY ET AL. 1989: 14-, NW ATLANTIC

-- SUÁREZ, E. 1992: 139-, GULF OF MEXICO

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

SCOTTOCALANUS BACKUSI GRICE, 1969

- GRICE, 1969: 451 ♀; FIGS. 16-34
- , MORRIS, 1970: 2312
- , ROE, 1975: 313
- BACKUSI, BRADFORD ET AL. 1983: 116, POSSIBLE SYN.
OF S. THOMASI A. SCOTT

SCOTTOCALANUS CORYSTES OWBE & FOYO, 1967

- , GRICE, 1969: 453; FIGS. 49-54
- , OWBE & FOYO, 1972: TAB. 3
- Deevy & Brooks, 1977: 264
- BRADFORD ET AL. 1983: 115

SCOTOCALANUS CUNEIFRONS WILLEY, 1919

- , WILLEY, 1919: 178, 194, 219 FIGS 17-24
- , (= S. SECURIFRONS) VERVOORT, 1965: 36-38
- , GOPALAKRISHNAN, 1974: 273, 274-279; FIGS. 1-3
(SEE P. 274 FOR SYNONYMS)

Scottocalanus daughlihi Sewell

— — Sewell 1929, p. 189, fig. 68-69, ♀♂, Indian O.

— — " 1947, p. 142,

--, Morris, 1970, p. 2309.

-- WICKSTEAD 1962: 550

-- MADHU PRATAP + HARIDAS 1986: 108,¹⁰⁹ III - INDIAN OCEAN

-- BRADFORD ET AL. 1983: 115

Scolecithricidae - Calanoida

Scottocalanus farrani A. Scott, ♂, ♀.

— — A. Scott, 1909, p. 106: pl. 24, figs. 1-9 (♀);
pl. 29, figs. 11-18 (♂).

— — Sewell 1929, p. 183, Indian O.

— —, Grice, 1962. p. 213, pl. 19, fig. 16-20

Habitat. Tropical Pacific.

--, Morris, 1970, pp. 2309, 2311, 2312.

-- BRADFORD ET AL. 1983: 115, 119, 122

Scolecithricidae - Calanoidae
Scottocalanus helenae (Tubbock). (1)

Undina n. - Tubbock, 1856, p. 19: pls. 4 & 7.

Scolecithrix securifrons T. Scott, 1893, p. 47: pl. 4 (8).

Undina n. - Giesbrecht & Schmeil, 1898, p. 52.

Scolecithrix persecans Farran, 1908, p. 58

--, VERVOORT, 1965: 38, 40-42, 45-56 Figs 7-13, 17c 540.

Habitat. Halmahera Sea. UNDINA n.; SCOTTOCALANUS

AUSTRALIS

--, BINET & DESSIER, 1971: 430, 453

--, OWREN & FOYO, 1964a: 343

Scottocalanus h- A. Scott, 1909, p. 111: pl. 27, figs. 1-9.

— — Sewell 1929, p. 183, includes *S. thorii*

← —, MORI, 1937, P. 48, JAPAN

— —, SEWELL, 1947, P. 143. Maldivi arch.

— —, Chiba, 1956, p. 54, fig. 47A-F.

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

Scottocalanus h--, Tanaka, 1961. pp. 143-146, fig. 107

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

--, OWBE & FOYO, 1964b: 361, 364

X

Scottocalanus helenae

- , Chiba, 1956, p. 14
- , Morris, 1970, pp. 2301, 2306-2312, fig. 5
- , Roe, 1972a, pp. 295-
- , Roe, 1972c, pp. 529, 531.
- , Bradford, 1973, p. 134
- , Furuhashi, 1966: 312
- , Furuhashi, 1961: 106
- , GOPALAKRISHNAN, 1974: 277
- , Chiba & Hirakawa 1972: Tab. 2.
- , Park, 1983a: 205-208 fig. 23-24.
- BRADFORD ET AL. 1983: 115-117, 119, 122, 137, 142, FIGS. 72, 98; RECORDS- SW PACIFIC

Scottocalanus Calanidae - Calanocida.
Undina helenae Lubbock, ♀. (3)

- — Lubbock, 1856, p. 19: pl. 4 and 7.
— — Giesbrecht, 1892, p. 302, undetermined,
suggested as synonym of Euchirella h.
— — Giesbrecht & Schmeil, 1898, p. 52 (doubtful),
-- (= SCOTTOCALANUS HELENAE) VERVOORT, 1965: 45-56

Habitat. No. Atlantic.

- Park 1983a: 205-208 fig 23-24 [changed name]
— Deevoy & Brooks, 1977: 264

Scottocalanus helenae

card 4

- Soldevilla et al. 1988: 59 Canary Islands
- CUMMINGS 1982: 34-, GULF OF MEXICO
- COPLEY ET AL. 1989: 14-, NW ATLANTIC
- SUÁREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO
- SUÁREZ, E. 1992: 139-, GULF OF MEXICO

Scottocalanus infrequens Tanaka

-- -- Tanaka, 1969, pp. 271-275, figs. 10 a-h & 11a-h

-- BRADFORD ET AL. 1983: 115

-- VYSHKVARYZEVA 2001: 80

Scottocalanus investigatoris Sewell

____ Sewell 1929, p. 187, fig. 67, ♂, Indian O.

-- BRADFORD ET AL. 1983:115

Scolecithricidae - Calanoida

Scottocalanus longispinus A. Scott, ♀

— — A. Scott, 1909, p. 109: pl. 25. figs. 10-18.

— — Farran 1936, p. 99, ♀ ♂, fig. 11

-- BRADFORD ET AL. 1983: 115-116

-- VYSHKVARZHEVA 2001: 80

Habitat. Halmahera Sea.

Scolecithricidae - Calanoidae

Scottocalanus persecanus (Giesbrecht), ♂. ♀.

— — Farran, 1908, p. 58.

— — A. Scott, 1909, p. 105: pl. 27, figs. 10-17 (♂).

— — Sars, 1925, p. 157: pl. 44, f. 1-18.

A synonym of Scottocalanus thorii.
(With, 1915, p. 215)

Habitat. N. & S. Atlantic: Gulf of Guinea:
Malay Archipelago: Pacific.

- — Wilson, 1932, p. 80: fig. 55.
- —, Brodsky, 1950, p. 241, fig. 151. USSR
- —, Sewell, 1947, p. 143. Arabian Sea area.
- —, Jespersen, 1940, p. 35-36. SW coasts of Iceland.
- —, Owre, 1962
- —; Park, 1970, p. 476
- —, Binet & Dessier, 1971: 430, 453
- —, Owre & Foy, 1964b: 364
- —, Calef & Grace (UNPUBL.) in Ketchum & Rytner
1966 (UNPUBL.):

APPENDIX

Scottocalanus persecans (Giesbrecht, 1895)

2

--, Bradford, 1972, p. 44, fig. 9 .6-9.9

--, Rose, 1942, p. 148

--, Morris, 1970, pp. 2309, 2311, 2314.

--, Roe, 1972c, p. 531.

--, Vives, 1972, pp. 215, 237, 238

--, VERVOORT, 1965: 38, -45 FIGS 3-6 SYN SCOLECITHRIX

PERSECANS

--, Gardner & Szabo, 1982, p. 26, 274-275 SYN.

Scotacithrix persecans.

-- SANDER & MOORE 1978: 233.

-- YOUNGBLUTH 1979: 22, CARIBBEAN

- Binet & Dessier, 1968: 7, OFF MADAGASCAR

- - BRADFORD ET AL. 1983: 116, 122

Scottocalanus persecans

card 3

- Soldevilla et al. 1988: 59 Canary Islands
- CUMMINGS 1982: 34-, GULF OF MEXICO
- SUAREZ, E. + R. GASCA 1989a: 198-, YUCATAN CHANNEL
- COPLEY ET AL. 1989: 14-, NW ATLANTIC
- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA
- SUÁREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO
- REID 1990g: 191
- SUÁREZ, E. 1992: 139-, GULF OF MEXICO
- SUÁREZ + GASCA 1991: 596-, GULF OF MEXICO

Scottcalanus rotundatus Tanaka

-- -- Tanaka, 1961, pp. 147-150, fig. 109

-- -- Tanaka, 1969, p. 275,

--, Furuhashi, 1966: 312

-- BRADFORD ET AL. 1983: 116

Scottocalanus securifrons (T. Scott), ♂, ♀,

Scolecithrix — ♀, not ♂ T. Scott, 1893, p. 47: pls. 4-5.

— — Canu, 1896, p. 425: Thompson, 1903, p. 20.

— — Giesbrecht & Schmeil, 1898, p. 49.

— — Norman, 1903, p. 137: Cleve, 1904, p. 197.

Habitat. N. Atlantic: Malay Archipelago:
Gulf of Guinea: Pacific

-- Jespersen, 1940, p. 36. Iceland.

Lophothrix — Wolfenden, 1904, p. 120: pl. 9, figs. 12-15.

Scottocalanus acutus G.O. Sars, 1905, p. 7.

— securigrons (pars), Pearson, 1906, p. 19.

— — A. Scott, 1909, p. 104: pl. 25, fig. 1-9; pl. 28, fig. 1-9.

— — Farran, 1908, p. 57.

Scolecithrix s — ♀, not ♂, v. Breemen, 1908, p. 76: fig. 88.

Lophothrix — (pars), Wolfenden, 1911, p. 268.

Scottocalanus — With, 1915, p. 220: ²²²pl. 8, fig. 13, a-b:

text-figs. 71, a-d; 72, a-e; 73, a-d.

— — Farran, 1929, p. 251.

— — Sars, 1925, p. 160: pl. 45, fig. 1-8.

— — Rose, 1929, p. 26.

— —, BRODSKY, 1950,

— —, SEWELL, 1947, p. 143, p. 242, fig. 152. USSR

Scottocalanus securifrons

(2)

Scottocalanus ---, Tanaka, 1961. pp. 141-143, fig. 106

-- --, Grice, 1962. p. 213, pl. 19, fig. 12-15

-- --, Owre, 1962

-- --, Tanaka, 1969, p. 275

-- --; Park, 1970, p. 476 (in list only)

--, Vinogradov, 1960, p. 502

--, Bowman, 1971, p. 6 -

--, Bradford, 1973, p. 134.

--, Furuhashi, 1966: 312

--, Furuhashi, 1961: 106

--, BINET & DESSIER, 1971: 430, 453

--, OWRE & FOYO, 1964b: 364

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

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

Scottocalanus securifrons (T. Scott)

card 3

Merrill Morris, 1970, p. 2301, p. 2309.

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

--, Roe, 1972c, pp. 529-531.

--, Vives, 1972, pp. 215-216.

-- Roe, 1975, p. 313.

--, Verwoerd, 1965: 36-38 JAN. SCOLECITHRIX s.; LOPHOTHRIX
s.; AMALLOPHORA s.; SCOTTOCALANUS
ACUTUS; s. CONEFRONS

--, Gopalakrishnan, 1974: 273, 276-278

--, Cervigon & Marciano 1965: 280.

--, Margues, 1953: 103-104

-- Park, 1983a: 197-205 fig. 19-22.

Marques, 1958:211

- Ramirez, 1969:66-67, fig. 79, 81, 82, 92

-- MOTODA + MINODA 1974: 232

-- GRICE + HART 1962b: TABLE 3, w. N. ATLANTIC

- Tanaka, 1965a: 23, fig. 16a-c

- Binet & Dessier, 1968: 7, OFF MADAGASCAR

-- SUÁREZ, E. 1992: 139, GULF OF MEXICO

Scottocalanus Scolecithricidae - Calanoida.
Trophothrix securifrons (Th. Scott), ♂, ♀. ①

— — Wolfenden, 1911, p. 268:

A synonym of

par = *Scottocalanus thorii*, With, 1915, p. 215

par = *Scottocalanus securifrons*, " p. 220

— Bjornberg, 1981: 637, fig. 213#1

— — WICKSTEAD 1962: 550.

SCOTTOCALANUS SECURIFRONS (T. SCOTT) (6)

- , MADHU PRATAP + HARIDAS, 1986: 108, INDIAN OCEAN
- Devey & Brooks, 1977: 264
- BRADFORD ET AL. 1983: 116, 118, 137, 141, 142, FIGS. 73, 98; RECORDS - SW PACIFIC
- MAUHLIN 1988: 737
- STEPHEN 1984: 169, ARABIAN SEA
- Soldevilla, et al: 1988: 59 CANARY ISLANDS
- CAMPANER 1989 229 - 234, FIGS. 2B, F, 3C, D, 4D, OFF SE BRAZIL.

Scottocalanus securifrons (T. Scott)

card 7

- Cummings 1982: 33-, Gulf of Mexico
- GRANT 1977: 4-8-, NEW JERSEY
- COPLEY ET AL. 1989: 14-, NW ATLANTIC
- BRODSKII ET AL. 1983: 14, FIG. 2(1)
- SUÁREZ + GASCA 1991: 596-, GULF OF MEXICO
- NISHIDA + OHTSUKA 1997: 81-86, FIGS. 1, 2E-F,
4E-F, OFF JAPAN

Scottocalanus.

Lophothrix securifrons Wolfenden, ♀.

— —, n.sp. Wolfenden, 1904, p. 120: pl. 9, figs. 12-15,
 --, Roe, 1972c, p. 530 (Syn. Scottocalanus securifrons)

A synonym of Scottocalanus securifrons.
 (Witt, 1915, p. 220)

--, (= SCOTTOCALANUS s.) VERVOORT, 1965: 36-38

Scottocalanus sedatus Farran, ♀.

— — Farran, 1936, p. 99: fig. 12, a-f.

-- --, Grice, 1962. p. 213. pl. 19, fig. 21-25

♂-, Morris, 1970, p. 2312.

-- BRADFORD ET AL. 1983: 116

Habitat. Great Barrier Reef.

Scolecithricidae - Calanoidae

Scottocalanus setosus A. Scott, ♀

— — A. Scott, 1909. p. 108: pl. 27, figs. 10-18.

--, Morris, 1970, p. 2312.

-- BRADFORD ET AL. 1983: 116

Habitat. Tropical Pacific.

Scottocalanus terranovae Farran ♀, ♂.

— — Farran, 1929, p. 251: text-fig. 18, a-g.

--, Vervoort, 1965 (male Syn. with S. thori)

--, Morris, 1970, p. 2309, p. 2312 (Male may not be syn. with S. thori)

--, Bradford, 1973, p. 134.

Habitat. New Zealand.

--, (♂ = S. THORI) VERVOORT, 1965: 56-57

-- BRADFORD ET AL. 1983: 116, 119, 120, 122, 137, 141, 142,
FIGS. 74, 98; RECORDS - SW PACIFIC

Scolecithricidae - Calanoida

Scottocalanus thomasi A. Scott, ♂. ♀.

— — A. Scott, 1909, p. 109: pl. 26, figs. 1-10 (♀)
pl. 28, figs. 10-17 (♂).

— — Sewell 1929, p. 184, ♀, desc. & develop. stages

Habitat. Banda Sea.

Scottocalanus thomasi

2

- Roe, 1975, p. 313 fig 9 (e-g)
- , VERVOORT, 1965: 57, 60
- , OWEN + FOYO, 1964b: 364
- BRADFORD ET AL. 1983: 116
- SUAREZ, E. + GASCA 1989a: 198-, YUCATAN CHANNEL
- SUAREZ M., E. 1990: 4-, OFF YUCATAN
- E. SUÁREZ ET AL. 1990: 124-, W. GULF OF MEXICO
- SUAREZ M., E. 1992: 139-, GULF OF MEXICO
- SUÁREZ + GASCA 1991: 596, GULF OF MEXICO

Scolecithricidae - Calanoida

Scottocalanus thorii With, ♂.♀.

syn. with, 1915 - over

pl. 4

Scolecithrix securifrons ♂, not ♀, Scott, 1893, p. 47; ^

— *persecans* Thompson, 1903, p. 20; Cleve, 1904, p. 197.

not — — Eisterly, 1905, p. 168; fig. 28.

not — — v. Breemen, 1908, p. 80.

Habitat. N. Atlantic: Gulf of Guinea.

not — — Giesbrecht, 1895, p. 253: pl. 3, f. 6-12.

not — — Giesbrecht & Schmeil, 1898, p. 58.

Scottocalanus securifrons G.O. Sars, 1905, p. 7.

— — (pars) Pearson, 1906, p. 19.

— *persecans* Farran, 1908, p. 58.

Not — — A. Scott, 1909, p. 105: pl. 27, figs. 10-18.

Lophothrix securifrons (pars) Wolfenden, 1911, p. 268.

Scottocalanus thorii With, 1915, p. 215: ²¹⁹pl. 6, f. 14, a-c;
pl. 8, f. 14, a-b; text-f. 68, a-i, 69, a-d, 70, a-d.

= *S. helenae*, Sewell 1929, p. 183

X

Scottocalanus thori With, 1915

card 2

- , Morris, 1970, pp. 2301, 2309-2314, figs. 8 & 9.
- , Roe, 1972a, pp. 295-
- , Roe, 1972c, pp. 531
- , Bradford, 1973, p. 134.
- , VERVOORT, 1965: 56-57 SYN: J. TERRANOVAE ♂
- , Park 1983a: 208-210 fig. 25
- THORII, BRADFORD ET AL. 1983: 116, 119, 120, 121, 137, 142, FIGS. 75, 98; RECORDS - SW PACIFIC
- MAUCHLINE 1988: 737

SCOTTOCAHANUS SP. TANAKA 1937

- —, BRODSKY, 1950, P. 243, Fig. 153. USSR
- — Mahapatra et al, 1981: 266-267

Scottocalanus sp.

-- Tranter 1977: 598.

Scottocalanus nov. sp., Morris, 1970

W-, Morris, 1970, pp. 2309-2312, figs. 6-7.