

n)

Calanoida - Metridiidae

Metridiidae

Pleuromamma valid

Giesbrecht, 1898

P. abdominalis

1863, p. 195

Syn. Pleuromma Claus (not Vonesschall),

Pleuromamma Giesbrecht & Schmeil, 1898, p. 109.

Pleuromma Wheeler, 1901, p. 176.

Pleuromma Brady, 1883, p. 45.

πλευρον = a rib and μαστα = breast.

Diaptomus Lubbock, 1856, p. 27, 1757

Pleuromma Giesbrecht, 1892, p. 61, 347,

Pleuromma Dahl, 1893, p. 105.

Head with a very conspicuous mammili-
form knob (luminous organ) on the right
side at the base of the maxilla.

1^o antennae like those of Metridia; left
one in ♂ geniculate. Exopod of 2^o an-
tennae longer than endopod, 4-jointed.
Exopod of 2^o, 3^o, & 4^o legs expanded.
5^o legs in ♀ 2- or 4-jointed, in ♂ 5-jointed.

not Pleuromma - Doneschall - Arachnids - 1862.

Pleuromma Wheeler, 1901, p. 176.

Pleuromamma Eistert, 1905, p. 174.

Pleuromamma G.O. Sars, 1902, p. 114.

Pleuromma = synonym

Claus, 1863.

P. abdominale ♂

This name was preoccupied by Doneschall for an arachnid genus earlier in the year 1862, and so Giesbrecht in 1898 proposed the name Pleuromamma in place of it.

Syn.

Pleuromma, Claus, 1863, p. 195.Pleuromma, Giesbrecht, 1892, p. 61.

- Pleuromma Brady, 1883, p. 45, (pars),
Pleuromma Thompson, 1886, p. 203, (?).
Diaptomus (pars) Lubbock, 1856, p. 22: 1860, p. 8.
Pleuromma Claus, 1866, p. 13.
Pleuromma Thompson, 1888, a. p. 148: 1888, c. p. 140.
Pleuromma Gourret, 1889, p. 474.
Pleuromma Giesbrecht, 1889, c. p. 24.

Pleuromamma Claus, 1881

Pleuromamma Pesta, 1921, p. 527.

Key To Pacific Ocean species in
British Columbia Pelagic Marine
Copepoda by G.A. Gardner and Szabo
1982

~~Pleuromamma~~ - P-100 -

Pleuromamma Giesbrecht, 1898

-4-

--, Furuhashi, 1961: 100

--, Foxtan & Roe, 1974, p. 38, 40-42 (tbl. 1.), 44-48

-, Gardner & Szabo, 1982, p. 27, 333

-, Ferrari 1984: 166-181, figs. 1, 4

-, FERRARI, 1984: 222

- LABBÉ' 1929: 614

- AMBLER & MILLER 1987: 574

- MAUCKLINE 1988: 709, FIG. 5C, PORE SIG.

- BANSTEDT 1986: 8-

Calanidae — Calanoida.

Pleuromamma abdominalis (Lubbock), ♂. ♀.

Pleuromma = Claus, 1863, p. 195: pl. 5, fig. 1-6, 13, 14:

— — Carus, 1885, p. 338. [pl. 6, fig. 1-10

Pleuromma abdominale Cleve, 1900, p. 141.

— — Brady, 1883, p. 46: pl. 11, fig. 1-13 (pars).

— — A. Scott, 1902: 405

Habitat, Mediterranean: Gulf of
Guinea; Indian Ocean.

PLEUROMMA ABDOMINALE, DAHL F. 1893: 105-107.

— —, Wolfenden, 1906: 1010. pl. 96, fig. 28-30

— — T. Scott, 1894, p. 41.

[1860, p. 8

Diaptomus — Tubbock, 1856, p. 22; pl. 10, f. 1-8

Pleuromamma — Giesbrecht & Schmeil, 1898, p. 109

— — Cleve, 1904, p. 195; Thompson, 1886, p. 203

— — Stebbing, 1910, p. 535; Gourret, 1889, p. 474

— — Thompson & Scott, 1903, p. 249;

— — Eisterly, 1912, p. 312.

Pleuromma abdominale Giesbrecht, 1895, p. 258.

— — Giesbrecht, 1892, p. 347: 357: pl. 5, f. 8:

pl. 32, f. 3, 5, 13, 22, 25-30: pl. 33, f. 43, 44, 48,
49, 52; 1889, c, p. 24.

— — Eisterly, 1905, p. 174: text-fig. 33, a-c,

— — Thompson, 1888, a, p. 148; 1888, c, p. 140

Pleuromamma

P. abdominalis (2).

Pleuromma — Thompson, 1886, p. 203; 1888, a,
p. 148; 1888, c, p. 140.; 1900; p. 280-281

— — Gourret, 1889, p. 474; T. Scott, 1912, p. 534.

Pleuromamma — Pesta, 1921, p. 527; text fig. D39.

Pleuromma — Cleve, 1901, p. 8.

— — is A. Scott, 1909, p. 122.

— — Wolfenden, 1911, p. 289.

— — Farran, 1929, p. 259.

— — Sars, 1925, p. 201.

— — Rose, 1929, p. 29. — — Wilson, 1932, p. 125; fig. 83

- — Cleve, 1900, p. 81.
- — Adolf Steuer, 1932, p. 9 : figs. 21-51, p. 45 map 3, 4
p. 58; p. 72, fig. 154. B.
- — Steuer, 1933, p. 5 : figs. 16 - 24 : p. 30:
- — Wilson 1942, p. 202
- — Sewell 1932, p. 264, Indian O.
- —, Mori, 1937. P. 69, JAPAN.
- —, Brodsky, 1950, P. 307, FIG. 212.
- —, Sewell, 1947, P. 168, ARABIAN SEA AREA.
- —, Jespersen, 1934, P. 101, S.W. ICELAND WATERS. — 1940, p. 47,
S. of Iceland.
- —, Chiba, Tsuruta, + Maeda 1955. Bikini.
- —, A.G. Fish, 1962. p. 22

Pleuromamma abdominalis (Lubbock, 1856)

(3)

- --, Furuhashi, 1961. p. 4
-- --, Moore & Bauer, 1960. pp. 430-443
-- --, Honjo et al, 1957. pp. 120-128
-- --, Decker, 1964. p. 24. South Africa
-- --, Grice, 1962. p. 215, pl. 21, fig. 6-15
-- --, Heinrich, 1961. pp. 85-86 (vertical distribution)
-- --, Colton et al, 1962. p. 168
-- --, Tanaka, 1960. p. 51
-- --, Owre, 1962
-- --, Deavey, 1964, p. 590.
-- --, Cowdler, 1968, p. 112
-- --, Park, 1968, pp. 527-572.
-- --, Vaupel-Klein, 1970, p. 37.

-- --; Vervuort, 1957, p. 123-124.

-- --, Heinrich, 1960, p. 4

-- --, Bradford, 1970, p. 347

-- --, Hure & Scotto di Carlo, 1968, p. 55.

--, Chiba, 1956, p. 10

--, Bradford, 1972, p. 44, fig. 10.12-10.16

--, Corral, 1970, pp. 174-5, pl. 47

--, DeDecker, 1962, p. 111

--, Heinrich, 1960, p. 10

--, Berdugo & Kimor, 1968, p. 447

--, Hure & Scotto di Carlo, 1969, pp. 589-91

--, HURE & SCOTTO DI CARLO, 1974: 179-180, 182, FIG 1

--, (= P. ABDOMINALIS ABDOMINALIS) VERVOORT, 1965: 106-107

Pleuromamma abdominalis

card 4

--, Paiva, 1971, p. 25

Pisek, 1923, p. 21-

--, Rose, 1937, p. 154

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

--, Vaissiere, 1961, p. 25

--, Ehrhardt, 1967, p. 738-

--, Kolesnikov, 1966, p. 156

--, Beklemishev, 1961, p. 142

--, Cushing, 1951, p. 178

--, Bowman, 1971, p. 6 -

--, Morris, 1970, p. 2301-2302

— Motoda & Marumo, 1963:50

- , Roe, 1972a, pp. 286-
- , Roe, 1972c, pp. 527, 546-~~9~~, 551.
- , Roe, 1972d, p. 1039.
- , Moore & O'Berry, 1957, pp. 299-
- , Moore & Foyo, 1963, pp. 504-
- , Vives, 1972, p. 218.
- , Omori, 1970, p. 122.
- , Furuhashi, 1966: 305, 307, 309, 313
- , Furuhashi, 1961: 73, 107
- , Bjornberg, 1963: 9, 48-50, 104, 104 (3 tables), 105, tables 8 + 10,
 115, 121, Table 17, 125)
- , TANAKA, 1963: 22, 23, 24, 25, 26 ♀, 34N. PLEUROMMA ABDOMINAL
- , CORRAL & ALVAREZ-OSBORNO, 1978: 138, 160
- , FASHAM, ET AL., 1974: TAB. 1.4

PLEUROMAMMA ABDOMINALIS

CARD # 5

- , STEPANJANTS, 1977: 78, 83; TAB. 1, 3
- , DEEVEY, 1971: 228; FIG. 8; TAB. 3
- , BINET & DESSIER, 1971: 434, 454
- , JAWED, 1978: 22, 24, 28, 31-41, 43-45, 50-52, 63,
80, 89, 90, 94-96, 98, 99, 101-104
- , OWRE & FOYO, 1964a: 360, 365
- , OWRE & FOYO, 1972: 501; TAB. 3
- , SCOTTO DI CARLO, ET AL., 1975: 1975: 184; TAB. 1
- , EVANS, 1961: 198; TAB. III

- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RYHER
1966 (UNPUBL.): APPENDIX
- , ANDRONOV & MAIGRET 1980: 71.
- , ARTIOMKIN ET AL. 1966: 6.
- , DAHLGREN 1916: 810-812; Fig. 3 - light production.
- , Cervigon & Marciano 1965: 280.
- , CHENG et al. 1965: 2.
- , Chiba & Hirakawa 1972: Tab. 2.
- , CRISAFI et al. 1973: 105, 106, 111.
- , BYTINSKI-SALZ 1933: 11.
- Chen, Zhang, Chen, 19--: 63
- Heberer, 1932: 265, *passim*; fig. 74-85

Pleuromamma abdominalis (Lubbock, 1856) card 6

--, Grindley & Lane, 1979, p. 112-117, tbl. 2, fig. 2,3

--, Shmeleva & Zaika, 1973, p. 874

--, Gardner & Szabo, 1982, p. 27, 334-335, fig. 20.2.1

Syn.: Pleuromamma abdominale

-- Margues, 1953: 110, fig 4b.

-- Grice & Hulsemann, 1968: tbl. 2

-- Cannicci, 1959: passim

-- Heberer, 1931: 209-212, fig. 1, 5

-- Marikova & Campos, 1967: 67

- Ramirez, 1969: 73-74, fig. 99, 100, 103
- Binet & Dessier, 1968: 9

PLEUROMAMA ABDOMINALIS (LURBOCK, 1856)

- , PETERSON + MILLER, 1977: 718-719
- , FERRARI, 1984: 168-172, 176-177
- MASSUTI + NAVARRO 1950: 20.
- TRANTER 1977: 593-625.
- SANDER + MOORE 1978: 233
- HEBERER 1937b: 74
- WICKSTEAD 1962: 550
- YOUNG-BLUTH 1979: 22, CARIBBEAN
- DANKER + COLEMAN 1940: 85, fig 97a-d

— Tanaka, 1965a : 27, fig. 5a-d

— Bjornberg, 1981: 642, fig. 214 #8

-- MADHU PRATAP + HARIDAS, 1986: 108, 109, 111, 113 -
INDIAN OCEAN

— Devey & Brooks, 1977: 264

— DeDecker, 1984: 316

— Kolesnikov & Alfonso, 1966: table 3

— Huxle, 1955: 30

— Huxle, 1961: 21

-- SAZHINA 1975: 79-81

PLEUROMANNA ABDOMINALIS (LUBBOCK, 1856) CARDS

-- AMBLER + MILLER 1987: 561-577, N. PACIFIC

— Moryakova & Kampos, 1966: 131, passim Cuba

— Vives, 1978: 266, 280

-- CARLI 1971b: 371-2, LIGURIAN SEA

-- CARLI + CRISAFI 1983: 48-49, PL. 5 FIG. 1, ITALY

-- CARLI + SERTORIO 1964: 207-, LIGURIAN SEA

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

-- LE BORGNE 1986: 133-

-- CORNER ET AL. 1986: 270-

Pleuromamma abdominalis (Lubbock, 1856)

card 9

- Campaner 1986: 261-, s. Brazil shelf
- BLADES - ECKELBARGER 1986: 26- , FIGS. 4, 14
- SCHUKZ 1986: 463, SARGASSO SEA
- Soldevilla, et al 1988: 59 Canary Islands
- Latz, et al. 1988: 492 fig I
- DESSIER & DONGUY 1987: 14, 397, EASTERN EQUATORIAL PACIFIC
- FERRARI & HAYEK 1990: 116, HAWAII
- ABDOMALIS, CUMMINGS 1982: 32, GULF OF MEXICO

Pleuromamma abdominalis (Lubbock, 1856)

card 10

-- Herring 1988: 183-

- HAURY 1988: 336-, E. PACIFIC

- ROE 1974: 108-, N. ATLANTIC

- JIMENEZ-PEREZ & LARA-LARA 1988: 126-, GULF
OF CALIFORNIA (SSP EDENTATA & TYPICA)

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

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

-- GRANT 1977: 4-9-, OFF NEW JERSEY

-- COPLEY ET AL. 1989: 13-, NW ATLANTIC

Pleuromamma abdominalis (Lubbock, 1856)

card 11

- Shih et al. 1971:42, Canada - Atlantic
- LAKKIS 1984: 290-, E. MEDITERRANEAN
- VUČETIĆ 1984: 420-, ADRIATIC
- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA
- Wishner & Allison, 1986: 717, Fig. 7. Pl. 2
- SUÁREZ, E. ET AL. 1990: 124-, W. GULF OF MEXICO
- GUEREDRAT 1971a: 300-, EQUATORIAL PACIFIC
- REID 1990g: 188
- ARTEMKIN ET AL. 1966(1973): 175-, CARIBBEAN

Pleuromamma abdominalis (Lubbock, 1856)

card 12

-- Suárez M., E. 1992: 141-, w. Gulf of Mexico

-- SUAREZ + GASCA 1991: 5967 GULF OF MEXICO

-- ARINARDI 1991: 294-, TABS. 1, 2, BANDA SEA, INDONESIA

-- RAZOULS 1994: 12

-- YAMASHITA + MOREIRA 1981: 41

PLEUROMMA ABDOMINALE, CORRAL 1970: 174

-- ROSE 1927: 145, 162, OFF ALGERIA

-- ROSE 1934: 54-81, " "

Pleuromamma abdominalis abdominalis (Lubbock, 1856)

---; Park, 1970, p. 477

--, Corral, 1970, pl. 47, p. 174.

--, Heinrich, 1960, p. 10

--, Roe, 1972c, p. 548 (Syn. P. abdominalis typica)

--, VERVOORT, 1965: 106-107: SYNONYMS: P. ABDOMINALIS ;

P. A. TYPICA

--, WHEELER, 1970: TAB. 4

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

-- F. TYPICA, GRICE & HART 1962b: TABLE 3, W. N. ATLANTIC

Pleuromamma abdominalis abyssallis Steuer, 1932

-, Roe, 1972c, p. 548

---, Verwoort, 1965: 107

--- Dakin & Colefax, 1940: 85, fig. 97 ~~and~~ e-g.

--- STEUER 1933: 8-9, FIGS. 28-31, SOUTH ATLANTIC,
INDO-PACIFIC

PLEUROMANNA ABDOMINALIS ABYSSALIS HYPO THERMOPHILA

STEUER, 1933

-----STEUER 1933: 9, FIGS. 32-34

Pleuromamma abdominalis edentata Steuer, 1932

- STEUER 1933 7-9, FIGS. 25-27, N. & S. ATLANTIC,
INDIAN OCEAN
- --; Park, 1970, p. 477
- , Corral, 1970, pl. 47
- , Roe, 1972c, p. 548.
- , VERVOORT, 1965: 107
- , BINET & DESSIER, 1971: 434, 454
- HAURY 1988: 336, E. PACIFIC
- JIMENEZ-PEREZ & LARA-LARA 1988: 126,
GULF OF CALIFORNIA
-

Pleuromamma abdominalis typica STEURER

---, Paiva, 1971, p. 25

--, Roe, 1972c, p. 548 (Syn. P. abdominalis abdominalis).

--, (= P. ABDOMINALIS ABDOMINALIS) VERVOORT, 1965: 106-107

— Dakin & Coletax, 1940: 85, 97a-d

-- HAURY 1988: 336-, E. PACIFIC

--- STEURER 1933: 5-7, FIGS. 16-4, N. x S. ATLANTIC,
INDO-PACIFIC, MEDITERRANEAN

PLEUROMMA ABDOMINALE - SEE

PLEUROMAMMA ABDOMINALIS

Metridiidae - Calanoida,

Pleuromma armatum Pouchet & de Guerne, ♀.

— — Pouchet & de Guerne, 1887, p. 713.

A synonym of Metridia longa?
(Giesbrecht, 1892, p. 340).

PLEUROMMA BOREALE — SEE

PLEUROMANNA BOREALIS

PLEUROMMA GRACILE - SEE

PLEUROMANNA GRACILIS

PLEUROMMA PRINCEPS T. SCOTT, 1894

--, T. SCOTT, 1894: 42 PL. 3 FIGS 8-20

--, (= GAUSSIA PRINCEPS) VERVOORT, 1965: 103-104

-- (= GAUSSIA PRINCEPS), HULSEMANN 1988a: 188-189, PROPOSED CONSERVATION OF SPECIFIC NAME

-- (= GAUSSIA PRINCEPS), ICZN 1990: 145-146, SPECIFIC NAME CONSERVED.

PLEUROMMA QUADRANGULATUM - SEE

PLEUROMMA QUADRANGULATA

PLEUROMMA ROBUSTUM - SEE

PLEUROMAMMA ROBUSTA

PLEUROMMA XIPHIAS - SEE

PLEUROMAMMA XIPHIAS

Calanidae - Calanoida.

Pleuromamma borealis (Dahl), ♀.

Pleuromamma boreale Dahl, 1893, p. 105-106

Pleuromamma - Giesb. & Schmeil, 1898, p. 110.

— — Farran, 1929, p. 262: figs. 23c: 24c.

— — Steyer, 1932, p. 39: figs. 145-152, p. 52; map 16, 17 (over)

-- Williams, 1972, p. 59.

Habitat. Atlantic Ocean = Antarctic.

--, Bjornberg, 1963: 9, 48, 50, 51, 104 (table 7), 105,
Tables 8+10, 123 (Pleuromamma), table 17

p. 67; p. 78, fig. G.

103.

- — Steuer, 1933, p. 20 : figs. 89 — 94: p. 35 : fig.
- —, BRODSKY, 1950, P. 309, FIG. 215.
- --, Grice, 1962. p. 218, pl. 22, fig. 16-18
- --, Vilela, 1968, pp. 24-25, Est. VII fig. 2
- , Corral, 1970, pp. 176-7, pl. 48
- , Pisek, 1923, p. 4-
- , Beklemishev, 1961, p. 142
- , Arcos, 1975, p. 18-19, figs. 48-51
- , Roe, 1972a, pp. 297-
- , Roe, 1972c, pp. 527, 546, 549-552.
- , Roe, 1972d, p. 1039.
- , Vives, 1972, pp. 218, 238.

PLEUROMAMMA BOREALIS

CARD 2

- , VERVOORT, 1965: III SYNONYMS: PLEUROMAMMA BOREALIS;
PLEUROMAMMA GRACILIS; PLEUROMAMMA
GRACILIS ESTERLYI
- , WHEELER, 1970: TAB. 4
- , CORRALY ALVAREZ-OSORIO, 1978: 138
- , BINET & DESSIER, 1971: 435, 454
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RUTHER,
1966 (UNPUBL.): APPENDIX
- , EVANS, 1961: 198

--, Gardner & Szabo, 1982, p. 27, 336-337, fig. 20.2.2
Syn.: P. gracilis

PLEUROMAMMA BOREALIS (F. DAHL)

- , PETERSON & MILLER, 1977: 718-719
- , Ferrag, 1984: 167-172, fig. 1 C, D
- MASSUTI' & NAVARRO 1950: 20.
- TRANTER 1977: 593-625.
- GRICE & HART 1962a: 296, w. NORTH ATLANTIC
- GRICE & HART 1962b: TABLE 3
- Hulsemann, 1984: 254
- Bjornberg, 1981: 642, fig. 214# 11
- MADHU PRATAP & HARIDAS, 1986: 108, INDIAN OCEAN

- Dawson & Knatz, 1980: 90, pl. 77, fig. a-e
- Deevery & Brooks, 1977: 264
- DeDecker, 1984: 316
- Vives, 1978: 266, 280

Pleuromamma borealis (Dahl 1893)

card 4

- Soldevilla, et al. 1988: 59 Canary Islands
- DESSIER & DENGUY 1987: 14, 397-, EASTERN
EQUATORIAL PACIFIC
- HERRING 1988: 184-
- HAURY 1988: 336-, E. PACIFIC
- COPLEY ET AL. 1989: 13-, NW ATLANTIC
- SHIH ET AL. 1971: 42, CANADA-ATLANTIC
- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA
- Wishner & Allison, 1986: 715, fig. 9, tbl. 2
- RAZOULS 1994: 12

(5)

PLEUROMANNA BOREALIS (DAHL)

-- STEUER 1933: 20-21, FIGS. 89-94, N. + S. ATLANTIC,
INDIAN OCEANS

Pleuromamma brevicornis

--, Bjornberg, 1963: tab. 17 probably a typo #

Calanidae - Calanoida.

Pleuromamma gracilis (Claus), ♂. ♀.

Pleuromamma gracile Claus, 1863, p. 197: pl. 5, fig. 7-11.

— — Carus, 1885, p. 339: Claus, 1866, p. 13.

— — Cleve, 1900, p. 141: 1901, p. 8.

— — T. Scott, 1894, p. 42: pl. 6, fig. 11-14.

PLEUROMMA GRACILE, F. DAHL 1893: 105-106

Habitat: Mediterranean: Gulf of
Guinea: Indian Ocean.

— A. Scott, 1902: 405

— —, Wolfenden, 1906: 1012

— abdominale (pars) Brady, 1883, p. 46: pl. 12, f. 1-16:
pl. 31, f. 13-14; T. Scott, 1912, p. 534.

Pleuromamma gracilis Giesbrecht & Schmeil, 1898, p. 110.

— — Cleve, 1904, p. 195; Stebbing, 1910, p. 536,

— — Steuer, 1910, p. 1029 (25); A. Scott, 1909, p. 123.

— — Thompson & Scott, 1903, p. 249. c. p. 25

— — Esterly, 1912, p. 315.

Pleuromamma gracile Giesbrecht, 1895, p. 258: 1889

— — Giesbrecht, 1892, p. 347, 357; pl. 5, f. 7:

pl. 32, f. 6, 18-20; pl. 33, fig. 41-47.

— — Esterly, 1905, p. 175: text-fig. 33, c.

— — Thompson, 1886, p. 203.

Pleuromamma — Pesta, 1921, p. 528: text fig. D41.

— — Farran, p. 260: text-fig. 23, a: 24, a

— — Sars, 1925, p. 209.

— — Rose, 1929, p. 30.

— gracile — Cleve, 1900, p. 81.

— gracilis — Steuer, 1932, p. 30: figs. 111-144; p. 50, map

— Wilson, 1932, p. 27: fig. 85.

{ 14, 15; p. 65; p. 76, fig. F

— — Steuer, 1933, p. 16: figs. 69 — p. 34: fig. 102.

— — Wilson 1942, p. 202

— — Sewell 1932, p. 264

— —, BRODSKY, 1950, p. 308 fig. 214.

— —, MORI, 1937, p. 71, PL. 35, Figs. 1-5. - JAPAN AREA.

— —, Chiba, 1956, p. 59-60

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

— —, Furuhashi, 1961. p. 4

— —, Moore & Bauer, 1960. pp. 430-443

— —, Honjo et al, 1957. pp. 120-128

— —, Decker, 1964. p. 24. South Africa

— —, Grice, 1962. p. 218, pl. 22, fig. 13-15

— —, Heinrich, 1961. p. 87. (vertical distribution)

— —, Colton, et al, 1962. p. 168

— —, Omori, 1965. pp. 18-27

— —, Tanaka, 1960. p. 51

— —, Owre, 1962

— —, Deerey, 1966. p. 106

— —, Vilela, 1968, pp. 23-24 Est. VII Fig. 1

Pleuromamma gracilis-3

-- --, Saraswathy, 1967, p. 80

-- --, Shmeleva, 1963, p. 141

-- --, Heinrich, 1960, p. 4

-- -- f. maxima; Bradford ¹⁹⁷⁰₁₉₇₁ p. 344

-- --, Hure & Scotto di Carlo, 1968, p. 56.

-- --, Chiba, 1956, p. 21

-- --, Bradford, 1972, p. 44, fig. 11.1-11.3

-- --, Bradford, 1971, p. 24, fig. 88

-- --, Marques, 1958:214

- , Corral, 1970, p. 177, pl. 48
- , DeDecker, 1962, p. 111
- , Heinrich, 1960, p. 10
- , Berdugo & Kimor, 1968, p. 447
- , Pisek, 1923, p. 4-
- , Roehr & Moore, 1965, p. 566-
- , Ehrhardt, 1967, p. 738-
- , Beklemishev, 1961, p. 142
- , Shushkina & Vilenkin, 1971, p. 186-
- , Ostapenya & Shushkina, 1971, p. 194
- , Krylov, 1967?, p. 248
- , Arcos, 1975, p. 19-20, figs. 52-53
- , Bowman, 1971, p. 6 -, figs. 38 & 39, pp. 34-8.

Pleuromamma2gracilis

card 4

-, Roe, 1972a, pp. 297

--, Roe, 1972c, pp. 527, 546, 549-552.

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

--, Moore & Foyo, 1963, pp. 504-

--, Vives, 1972, p. 218.

--, Williams, 1972, p. 59.

--, Furuhashi, 1966: 299-302, 305, 307, 309, 313

--, Furuhashi, 1961: 73, 107

--, Bjornberg, 1963: 9, 48, 104, 104 (3 tabks), 105, tabks 8, 10,
114, 121, table 17

--, TANAKA, 1963: 22, 23, 24 SYN: PLEUROMAMMA GRACILE; PLEUROMAMMA

PISEKI, FARRAN, 1937

- , BRIGHT, ET AL., 1972: 299-300
- , FERRARI, 1976: 653
- , BAINBRIDGE, 1972: 70
- , STEPANJANTS, 1977: 78, 83, 85; TAB. 1, 3
- , DEEVEY, 1971: 228; FIG. 85 TAB. 3
- , BIDET & DESSIER, 1971: 434-435, 454
- , BIDET, ET AL., 1972: 133
- , FASHAM, ET AL., 1974: TAB. 1
- , OWREN & FOYO, 1972: 499
- , OWREN & FOYO, 1964b: 365
- , EVANS, 1961: 198; TAB. III

PLEUROMAMMA GRACILIS CARD # 5

- , HURE & SCOTTO DI CARLO, 1974: 179-180, 182-183, FIG. 4
- , (= P. G. GRACILIS) VERVOORT, 1965: 108-110
- , CORRAL & ALVAREZ-OSSORIO, 1978: 138, 160
- , SCOTTO DI CARLO, ET AL., 1975: 184; TAB. 1
- , CALEF & GRICE (UNPUBL.) IN KERHM & RYTHER
1966 (UNPUBL.): APPENDIX
- , ARTIOMKIN ET AL. 1966: 6.
- gracilis, - gracile, DAHLGREN 1916: 810, 812 - light
production.

- , Cervigon & Marcano 1965: 280.
- , Chiba & Hirakawa 1972: Tab. 2.
- , BYTINSKI-SALZ 1933: 3, 4, 10; Figs. 4, 3, 1, 6, 9, 10.
- Chen, Zhang, Chen, 19--: 65
- Chen, 19--: 203

Pleuromamma gracilis

card 6

- , Shmeleva & Kovalev, 1968, p. 63, fig. 9a
- , Fernandez, 1977, p. 581-582, figs. 17-20
- , Shmeleva & Zaika, 1973, p. 874
- , Marques, 1953:115, fig 5d.
- , Cannicci, 1959:passim
- , Heberer, 1931:210
- Motoda & Marumo, 1963:50
- Ramirez, 1969: 71-73, fig. 97, 102
- , Ferrari, 1984: 167-170, 172, fig. 1A

Pleuromamma gracilis

card 7

- Massuti & Navarro 1950: 20.
- TRANTER 1977: 593-625.
- SANDER & MOORE 1978: 233.
- WICKSTEAD 1962: 550
- YOUNG-BLUTH 1979: 22, CARIBBEAN
- GRICE & HART 1962a: 294, W. NORTH ATLANTIC
- GRICE & HART 1962b: TABLE 3
- Hulsemann, 1984: 254
- Tanaka, 1965a: 27, fig. 6a-c

- Bjornberg, 1981: 642; fig. 214 #6
- MADHU PRATAP + HARIDAS, 1986: 108, ^{III}INDIAN OCEAN
- Dawson & Knatz, 1980: 91, pl. 78, fig. a-h.
- Deevey & Brooks, 1977: 264
- DeDecker, 1984: 316
- Hure, 1955: 30
- Hure, 1961: 22
- Heberer, 1932: 265, passim, fig. 67-73
- SAZHINA 1975: 80-82, 84

PLEUROMAMMA GRACILIS

CARD 8

- AMBLER + MILLER 1987: 561-576, N. PACIFIC; COMBINED
WITH P. PISEKI, 562-563
- VIVES, 1978: 266, 280
- CARLI 1968: 100-, LIGURIAN SEA
- CARLI 1971b: 372-3, " "
- MAUGHLINE 1988: 709-
- KIORTSIS ET AL. 1969: 37-, AEGEAN
- LE BORGNE 1986: 136-
- CAMPANER 1986: 261-, S. BRAZIL SHELF

Pleuromamma gracilis Claus, 1863

card 9

- Chen, Q-C & Zhang 1986: 271-, south China Sea
- SCHULZ 1986b: 463, SARGASSO SEA
- CHEN, Q-C. 1986: 526-
- Soldevilla, et al 1988: 59 Canary Islands
- DESSIER & DONGUY 1987: 14, 397-, EASTERN
EQUATORIAL PACIFIC
- FERRARI & HAYEK 1990: 114
- CUMMINGS 1982: 32-, GULF OF MEXICO
- HERRING 1988: 183-

Pleuromamma gracilis Claus, 1863

card 10

- Haury 1988: 336-, E. Pacific
- ALCARAZ + STRICKLER 1988: 413-
- ROE 1974: 104-, N. ATLANTIC
- JIMENEZ-PEREZ + LARA-LARA 1988: 126-,
GULF OF CALIFORNIA
- JIMENEZ PEREZ 1989: 91; BAHIA DE TODOS
SANTOS, BAJA CALIFORNIA
- COPLEY + WIEBE 1990: 13, GUAYMAS BASIN
- SUAREZ, F. + GASCA 1989a: 198-, YUCATAN CHANNEL

Pleuromamma gracilis Claus, 1863

card 11

- Suarez, E. & Gasca 1989c:94-, Costa Rica Dome
- GRANT 1977: 4-9; OFF NEW JERSEY
- COPLEY ET AL. 1989: 13-, NW ATLANTIC
- SHIH ET AL. 1971: 42, CANADA-ATLANTIC
- LAKKIS 1984: 290-, E. MEDITERRANEAN
- VUČETIĆ 1984: 421-, ADRIATIC
- ALVARIÑO 1989: 69; OFF S. CALIFORNIA
- Wishner & Allison, 1986: 717, fig. 7, Pl. 2
- SUÁREZ, E. ET AL. 1990: 124; W. GULF OF MEXICO

Pleuromamma gracilis (Claus, 1863)

card 12

-- Reid 1990g:188

- ARTEMKIN ET AL. 1966 (1973): 175, CARIBBEAN
- SUÁREZ M., F. 1992: 141, W. GULF OF MEXICO
- SUAREZ & GASCA 1991: 596, GULF OF MEXICO
- RAZOULS 1994: 12

PLEUROMMA GRACILE, CORRAL 1970: 177

PLEUROMMA GRACILIS, SATO 1913: 71, PL. 6

- ROSE 1927: 145, OFF ALGERIA
- ROSE 1934: 54-81, " "

PLEUROMANNA GRACILIS (CLAUS)

(13)

~ STEUER 1933: 16-17, FIGS. 69, 73-74, N. & S. ATLANTIC,
ANTARCTIC, INDIAN, PACIFIC

Pleuromamma gracilis gracilis (Claus, 1863)

- -- --; Park, 1970, p. 477
-- , Corral, 1970, pp. 177-8
-- , Roe, 1972c, pp. 551 (Syn. P. gracilis gracilis minima)
-- , VERVOORT, 1965: 108-110 SYNONYM P. GRACILIS
-- , WHEELER, 1970: TAB. 4
-- -- RAZOUKS 1994: 12

Calanidae - Calanoida

Pleuromanna gracilis (Claus)

var esterlyi T. Scott, ♀.

— — T. Scott, 1912, p. 535: pl. 13, figs. 8-10

— —, Mori, 1937, p. 71, JAPAN SEAS.

~~— —, Grice, 1962, p. 218, pl. 22, fig. 13-15~~

-- (= PLEUROMANNA BOREALIS) VERVOORT, 1965: 111

Habitat. California Coast,

Pleuromamma gracilis maxima Steuer 1932

—, Roe, 1972c, p. 551.

--, VERVOORT, 1965: 110

--, TANAKA, 1963: 24

— Dakin & Colefax, 1940: 85, fig. 98a-c, 98 f-g.

--- STEUER 1933: 19, FIGS. 85-87

PLEUROMANNA GRACILIS MINIMA STEUER

--- STEUER 1933: 18, FIGS. 70-72, 75-79, S. ATLANTIC,
INDIAN OCEANS

PLEUROMANNA GRACILIS PISEKI - SEE P. PISEKI

Pleuromamma gracilis minima Grice & Hulsemann, 1965

--, Corral, 1970, p. 177

--, Roe, 1972c, p. 551 (Syn. P. gracilis gracilis(Claus))

--, TANAKA, 1963: 24

Calanidae - Calanoida

Pleuromamma indica Wolfenden ♀♂

CARD
I

— — Steyer, 1932, p. 17: figs. 52-68; p. 47, map. 8, 9.

p. 61; p. 74, fig. C.

— 1012

— — Wolfenden, 1906, p. 1011: pl. 96, figs. 24-26: 31-33.

— — Sewell 1932, p. 264, fig. 89♀, Indian O

— — " 1947, p. 168, G. OF OMAN. - C. ARABIAN SEA.

Habitat Southern Atlantic, Indian Ocean, Red Sea

— —, Madhupratap et al 1981: 266-267

— —, STEPANJANTS, 1977: 78; TAB. 1, 3

P. indica, Grice, 1962. pp. 215, 218, pl. 22, fig. 1-7

-- --, Saraswathy, 1967, p. 80

--, TANAKA, 1963: 22, 23, 24-26 ♀♂, FIG. 160

--, Sreekumaran et al, 1981: passim.

- PLEUROMAMMA INDICA WOLFENDEN, 1905
- TRANTER 1977: 593-625.
 - , FERRARI, 1984: 168-172, 177
 - MADHUPRATAP & HARIDAS, 1986: 108, 109, 110, 111 -
INDIAN OCEAN
 - STEPHEN 1984: 165-, ARABIAN SEA
 - FERRARI & HAYEK 1990: 121-
 - HERRING 1988: 184-
 - BÖTTGER-SCHNACK 1988: 317-
 - BOTTGER 1985: 12-, RED SEA, FIG. 44a

PLEUROMANNA INDICA WOLFENDEN, 1905

3

-- OKENWA + REVIS 1986: 31, TAB. 1, KENYA COAST

-- STEUER 1933: 9-10, FIGS. 35-43, S. ATLANTIC, INDIAN
OCEANS

Pleuromamma piseki Farran, ♀

— — Farran, 1929, p. 261: figs. 23, b: 24, b.

— gracilis, form piseki, Steuer, 1932, p. 34: figs. 82-84.
128-133: 137-140: 144,

P. piseki, Tanaka, 1960. pp. 51-52

— —, Owire, 1962

Habitat. N. Atlantic: New Zealand.

— — Deerey, 1964, p. 590

— — Vilela, 1968 p. 24 Est. VI fig. 4

- ; Vervoort, 1957, p. 124-.
- , Corral, 1970, pp. 179-180, pl. 48
- , Bowman, 1971, p. 6 -, figs, 38 & 39, pp. 34-38.
- , Roe, 1972a, pp. 297-
- , Roe, 1972c, pp. 527, 546, 550-552. (Syn. P.
gracilis forma piseki Steuer, 1933).
- , Vives, 1972, pp. 218, 238.
- , Omori, 1970, p. 122.
- , Williams, B., 1972, pp. 59.
- , Bjornberg, 1963: 104 (table 7), table 10, 123,
P. gracilis var. piseki p. 105

PLEUROMAMMA PISEKI

CARD 2

- , VERVOORT, 1965: 109, 110
- , TANAKA, 1963: 24
- , WHEELER, 1970: TAB. 4
- , BRIGHT, ET AL., 1972: 300
- , FERRARI, 1976: 653
- , DEEVEY, 1971: 228; FIG. 8; TAB. 3
- , OWRE & FOYO, 1972: TAB. 3
- , OWRE & FOYO, 1964b: 365
- , EVANS, 1961: 199

--, CALEF + GRICE (UNPUBL.) IN KETCHUM + RYMER
1966 (UNPUBL.) = APPENDIX

Pleuromamma piseki Farran

card 3

--, Shmeleva, 1973, p. 538

--, Ferrari, 1984, p. 167-170, 172, fig. 1 B

-- TRANTER 1977: 593-625.

- SANDER + MOORE 1978: 233

-- YOUNG-BLUTH 1979: 22, CARIBBEAN

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

- Bjornberg, 1981: 642, fig. 214 #7

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

- Deevy & Brooks, 1977: 264

- DeDecker, 1984: 316

PLEUROMAMMA PISEKI FARRAN 1929

CARD 4

- AMBLER + MILLER 1987: 563, N. PACIFIC; COMBINED WITH
P. GRACILIS; 562, 573
- MAUCHLINE 1988: 709-
- CAMPANER 1986: 261, S. BRAZIL SHELF
- Soldevilla, et al: 1988: 59 Canary Islands
- DESSIER + DENOUY 1987: 14, 398; EASTERN
EQUATORIAL PACIFIC
- FERRARI & HAYEK 1990: 121-
- HERRING 1988: 184-

Pleuromamma piseki Farran, 1929

card 5

- Haury 1988: 336-, E. Pacific
- ROE 1974: 104-, N. ATLANTIC
- VALENTIN 1989: 31-, CABO FRIO, BRAZIL
- SUAREZ, E. & GASCA 1989c: 99-, COSTA RICA DOME
- COPLEY ET AL. 1989: 13-, NW ATLANTIC
- Wishner & Allison, 1986: tbl. 2
- SUÁREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO
- REID 1990g: 188
- SUÁREZ M., E. 1992: 141-, W. GULF OF MEXICO

Pleuromamma piseki Farran, 1929

card 6

-- Suarez & Gasca 1991: 596-, Gulf of Mexico

-- RAZOULS 1994: 12

-- YAMASHITA & MOREIRA 1981: 41

-- OKENWA & REVIS 1986: 31, TAB. 1, KENYA COAST

P. GRACILIS PISEKI, STEUER 1933: 18-19, FIGS. 80-84

Pleuromamma gracilis piseki Steuer, 1933

--, Corral, 1970, p. 179

--, Roe, 1972c, p. 551 (Syn. P. piseki Farran 1929)

--, TADAKA, 1963: 24

— DAKIN & COLEFOX, 1940: 85, fig. 98d-e

Calanidae - Calanoida.

Pleuromamma princeps (T. Scott). ♂.

Pleuromma - T. Scott, 1894, p. 42: pl. 3. f. 8-20.

Pleuromamma Giesbrecht, 1898. 13-12

Gaussia scotti Wolfenden, 1911, p. 290: pl. 33. figs. 1-4

--, Wolfenden, 1905-6, p. 5

-- (= GAUSSIA PRINCEPS), TANAKA, 1963: 26

Habitat. Gulf of Guinea.

Calanidae - Calanoidae.
Pleuromamma quadrangulata (Dahl), ♂. ♀.

Pleuromamma ^{-un} Dahl, 1893, p. 105. - 106, n. sp.

Pleuromamma ^{-a} Giesbrecht, 1898, p. 109.

^{-a} Esterly, 1911[Ⓞ], p. 329; pl. 30, f. 65; pl. 32, f. 111.

^{-a} Esterly, 1912, p. 315.

Habitat, California Coast.

- — Giesbrecht & Schmeil, 1898, p. 109.
— — Wolfenden, 1911, p. 289: text-fig. 47.
— — Steuer, 1932, p. 26: figs. 92-110; p. 49, map 12, 13.
— — p. 63; p. 76, fig. E
— — Steuer, 1933, p. 14: figs. 58 — 67; p. 32: fig. 101
— — Wilson 1942, p. 202
— — Sewell 1932, p. 266, fig. 90, ♀, Indian O.
— —, Brodsky, 1950, p. 310, fig. 216.
— —, Sewell, 1947, p. 167, S. ARABIAN SEA.
— —, Grice, 1962, p. 218. pl. 22, fig. 8-12

Pleuromamma quadrangulata (F. Dahl, 1893)

2

-- --; Vervoort, 1957, p. 124.

-- --; Bradford, 1970, p. 346

--, Pisek, 1923, p. 4-

--, Fulton, 1968, p. 40, fig. 4

--, Morris, 1970, p. 2301.

--, Bjornberg, 1963: 48

--, (= P. QUADRANGULATA QUADRANGULATA) VERVOORT, 1965

108

--, TANAKA, 1963: 23

--, BINET & DESSIER, 1971: 435

--, OWREN & FOYO, 1964b: 365

--, CALEY & GRICE (UNPUBL.) IN KETCHUM & RUTHER
1966 (UNPUBL.): APPENDIX

--, Cervigon & Marciano 1965: 280.

--, FIGUEIRA 1971: 149.

--, Gardner & Szabo, 1982, p. 27, 338-339, fig. 20 & 3

--, Marques, 1953: 115 fig. 5b.

PLEUROMANNA QUADRANGULATA (F. DAHL, 1893) 3

-- TRANTER 1977: 593-625.

--, FERRARI, 1984: 168-170, 172 (= P. QUADRANGULATA,
pp. 168, 170

-- SANDER & MOORE 1978: 233

-- YOUNGBLUTH 1979: 22, CARIBBEAN

-- Bjornberg, 1981: 642, fig. 214 #10

-- QUADRANGULATA, MADHUPRATAP & HARIDAS, 1986:
108, INDIAN OCEAN

-- Dawson & Knatz, 1980: 92, pl. 79, fig. a-h.

-- De Decker, 1984: 316

Pleuromamma quadrungulata (F. Dahl, 1893) card 4

-- Ferrari & Hayek 1990: 116, Hawaii

-- HERRING 1988: 184-

-- HAURY 1988: 336-, E. PACIFIC

-- SHIH ET AL. 1971: 149, CANADA-PACIFIC

-- GUEREDRAT 1971: 300-, EQUATORIAL PACIFIC

-- REID 1990g: 188

-- RAZOUKS 1994: 12

-- STRUVER 1933: 14-16, FIGS. 58-67, S. ATLANTIC, INDIAN

OCEANS; ALSO P. Q. TYPICA

PLEUROMAMMA QUADRANGULATA PSYCHROPHILA

STEUER, 1931

--, VERVOORT, 1965: 108

--- STEUER 1933: 16, FIG. 68, S. ATLANTIC, INDIAN OCEANS

Calanidae - Calanoida,

Pleuromamma robusta (Dahl), ♀, ♂.

Pleuromma ^{um} Dahl, 1893, p. 105-106

Pleuromamma Giesbrecht & Schmeil, 1898, p. 110.

— — Cleve, 1904, p. 195; Stebbing, 1910, p. 536,

— — G. O. Sars, 1902, p. 115: pls. 78 & 79.

Habitat. So. Africa; Norwegian Coast:

— — Wolfenden, 1906: 1011, pl. 96, fig. 34-36.

— — Wolfenden, 1902: 368

- — Pesta, 1920, p. 528: text fig. D 40.
 — — Farran¹⁹²⁹, p. 260: Sears, 1925, p. 205.
 — — Rose, 1929, p. 30.
 — — Steuer, 1932, p. 20: figs. 69-91; p. 48 map 10, 11.
 p. 6; p. 75, fig. D.
 — — Wilson, 1932, p. 126: fig. 84. 1942, p. 202
 — — Steuer, 1933, p. 11: figs. 44 - 52: p. 32: fig. 100
 — — Fowler, 1903, p. 123. Faroe Channel.
 — —, Fontaine, 1955, p. 882. Ungava Bay, Canada.
 — —, Anraku, 1954, pp. 123-136. Aleutian Is.
 — —, MORI, 1937, p. 70, JAPAN & FORMOSA pl 35 fig 6-10
 — —, JESPERSEN, 1934, p. 102. W. GREENLAND WATERS. - 1940, p. 47-48.
 s. & w. of Iceland.
 — —, VERVOORT, 1951, p. 123, F. 65-69, ANTARCTIC WATERS.
 — —, Chiba, Tsuruta, & Maeda, 1955. Bikini.

Pleuromamma robusta (F. Dahl, 1893)

(2)

- --, Furuhashi, 1961. p. 4
-- --, Conover, 1960. p. 405
-- --, Clarke, et. al., 1962. pp. 541-564
-- --, Decker, 1964. p. 24 South Africa
-- --, Colton et al, 1962. p. 168
-- -- Grainger, 1965, pp. 543-564.
-- --; Vervoort, 1957, 125.
-- --, Bradford, 1970 p 347
-- --, Bradford, 1972, fig. 11.4-11.7, p. 44
-- --, Harding, 1974, p. 149

--, Corral, 1970, p. 175

--, DeDecker, 1962, p. 111

--, Pisek, 1923, p. 4-

--, Stormer, 1929, p. 46

--, Ehrhardt, 1967, p. 739

--, Cushing, 1951, p. 166

--, Danbar, 1956, p. 188

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

--, Roe, 1972c, pp. 527, 546, 548-9, 551.

--, Vives, 1972, p. 218.

--, Furuhashi, 1966: 307

--, Furuhashi, 1961: 74, 107

Pleuromamma robusta

card 3

- , Bjornberg, 1963: 48, 50
- , (= P. ROBUSTA ROBUSTA) VERVOORT, 1965: 107-108
- , TANAKA, 1963: 23
- , BINET & DESSIER, 1971: 435, 454
- , BEAUDOUIN, 1973: 125, 148, 168
- , FASHAM, ET AL., 1974: TAB. 1
- , CHENG et. al. 1965: 2.
- , Shih & Laubitz, 1978, p. 49
- , Gardner & Szabo, 1982, p. 27, 340-41, fig. 20.2.4
- , Margues, 1953: 115-116, fig. 4a, c.
- , Motoda & Marumo, 1963: 50

PLEUROMAMMA ROBUSTA (F. DAHL, 1893)

- MOTODA + MINEDA 1974: 232
- , FERRARI, 1984: 168-170, 172
- WILLIAMS 1973:
- GRICE + HART 1962a: 294, w. NORTH ATLANTIC
- GRICE + HART 1962b: TABLE 3
- Bjornberg, 1981: 642, fig. 214 #9
- Deevney & Brooks, 1977: 264
- De Decker, 1984: 316
- Vives, 1978: 266, 280

Pleuromamma robusta (F. Dahl 1893)

card 5

-- Mauchline 1988: 709-

-- LE BORGNE 1986: 136-

-- Nakamura, et al 1982: 28-30 fig 2 tab 1 Antarctic
(Indian O. sector)

-- Soldevilla, et al 1988: 59 Canary Islands

-- FONTAINE 1955: 858-, UNGAVA BAY

-- FERRARI & DEARBORN 1989: 1318, OFF ANTARCTIC
PENINSULA / SOUTH GEORGIA

-- WILLIAMS 1988: 151-159, N. ATLANTIC

Pleuromamma robusta (F. Dahl 1893)

card 6

- Marin 1987: 109-, Scotia Sea
- HEARING 1988: 184-
- ATKINSON & WARD 1988: 329; S. GEORGIA
- MARIN 1986: 62-, SCOTIA SEA
- GRANT 1977: 4-9-, OFF NEW JERSEY
- COPLEY ET AL. 1989: 13-, NW ATLANTIC
- SHIH ET AL. 1971: 42, CANADA - ATLANTIC; 205-
ARCTIC
- P. WARD 1989: 144; S. GEORGIA, ANTARCTIC

Pleuromamma robusta (F. Dahl, 1893)

card 7

P. r. r., Razouls 1994: 146, cf. robusta antarctica; 12

P. r., LEGARÉ & MACLELLAN 1960: 434, MAINE/NEW
BRUNSWICK, USA/CANADA

P. r., GISLASON & ASTTHORSSON 1992: 221, TAB. 1, ICELAND
- STAEFER 1933: 11-R, FIGS. 44-53, N. + S. ATLANTIC, INDIAN,
ANTARCTIC OCEANS; ALSO P. a. TYPICA

Pleuromamma robusta forma antarctica Steuer, 1931

-- -- --; Vervoort; 1957, p. 125.

--, Roe, 1972c, p. 549.

--, Vinogradov & Voronina, 1974, p. 39

--- RAZOULS 1994: 146-, Pls. 70, 71, ANTARCTIC; 12

--- STEUER 1933: 13, FIGS. 56, 57, ANTARCTIC OCEAN

Pleuromamma robusta robusta (F. Dahl, 1893)

--, Corral, 1970, pp. 175-6

--, Roe, 1972c, pp. 549 (Syn. P. robusta typica)

--, VERVOORT, 1965: 107-108 SYNONYM P. ROBUSTA

Pleuromamma robusta typica Steuer, 1932

..., Roe, 1972c, p. 549 (Syn. P. robusta robusta).

PHEUROMAMMA SCUTULLATA

CARD 1
BRODSKY, 1950

— — 1950, P. 311, FIG. 217.

-- --: Vaupel-Klein, 1970, p. 37, fig. 14d.

--, Vinogradov, 1960, p. 502

--, Meshcheryakova, 1970, p. 112

--, Morris, 1970, p. 2301-2.

-- Minoda, 1972, p. 327-330.

--, Furuhashi, 1966: 297, 298, 299, 300, 303, 305, 314
(=P. sp. of Furuhashi, 1961: 10)

-- JAWED, 1973: 24, 28, 38, 41, 84, 87

--, Gardner & Szabo, 1982, p. 27, 342-343, fig. 20.2.5

PLEUROMAMMA SCUTULLATA BRODSKII, 1950

--, MOTODA + MINODA, 1974: 215, 232 (as P. SCUTULLATA)

--, FERRARI, 1984: 168-170, 172

-- MAUCKLINE 1988: 709-

Calanidae - Calanoida

Pleuromamma zolfendeni Brady, ♀

— — Brady, 1918, p. 26: pl. 8, figs. 10-18
immature (CV) #

Habitat. Macquarie Island.

Pleuromma wolfendi Pisek. ♀

— — Pisek, 1923, p. 26: figs. 1-9.

this name not found on p. 26 or on any other page of Pisek's only work; there are no figures only a map + tables.

Perhaps CBW made this card out without seeing the reprint. ♀

Habitat.

Pacific.

Pleuromamma xiphias (Giesbrecht, 1889)

card 1

Pleuromma -, Giesbrecht 1898c: 25, n. sp.

--, Giesbrecht 1892:347, 367; pl. 32(14), 33(42,45,50)

Pleuromamma -, Giesbrecht & Schmeil 1898: 109

--, Thompson & Scott 1903: 249

--, Cleve 1904: 195

--, Esterly 1905: 176, fig. 34(a-c)

--, Wolfenden 1906: 1012, pl. 96(fig. 27 & 37-39)

--, A. Scott 1901: 124

--, STEBBING 1910: 536

Pleuromamma xiphias (Giesbrecht, 1889)

card 2

-- Wolfenden 1911: 289

-- Esterly 1912: 281

-- Sars 1925: 202, pl. 55 (fig. 1-12)

-- Farran 1929: 260

-- Rose 1929: 30

-- Sewell 1932: 269, fig. 91, Indian Ocean

-- Steuer 1932: 5, 44, 55, 70, figs. 1, 20, 153A, maps 1, 2

-- Wilson 1932: 124, fig. 82

-- *STEUER 1933: 3, 28, 29, Figs. 1-15, 95, 96.*

Pleuromamma xiphias (Giesbrecht, 1889)

card 3

-- Mori 1937: 70, Formosa

-- Jespersen 1940: 47, S. coast of Iceland

-- Wilson 1942: 202

-- Sewell 1947: 167, fig. 45, Arabian Sea

-- Brodsky 1950: 308, fig. 213

-- Chiba, Tsuruta & Maeda 1955: Fig. 6 (cop. V male),

Bikini

-- Chiba 1956: 34, 59, fig. 24

-- ~~H~~ PISEK 1973: 21-

Pleuromamma xiphias (Giesbrecht, 1889)

card 4

-- Bytinski-Salz 1933: 4,8, figs. 2,5

-- Marques 1953: 110, fig. 5a

-- Honjo et al. 1957: 120-128

-- Vervoort 1957: 124

-- Heinrich 1960: 4, 10

-- Evans 1961: 199

-- Heinrich 1961: 87 (vertical distribution)

-- Colton et al. 1962: 168

-- GRICE 1962: 215, pl. 20 (FIG. 18-21), pl. 21 (FIG. 1-5)

Pleuromamma xiphias (Giesbrecht, 1889)

card 5

-- Furuhashi 1961: 4, 107

-- Beklemishev 1961: 142

-- Clarke et al. 1962: 541-564

-- Owre 1962:

-- Moore & O'Berry 1957: 299-

-- Grice & Hart 1962b: Table 3, W. North Atlantic

-- Wickstead 1962: 550

-- Motoda & Marumo 1963: 50

-- TANAKA 1963: 22-24 28

Pleuromma^{dm} xiphias (Giesbrecht, 1889)

card 6

-- Björnberg 1963: 9, 48, 51, 50, 104 (3 tables), 105,

Tables 8, 10, 17, pp. 115, 123

-- Owre & Foyo 1964b: 365

-- Deevey 1964: 590

-- Vervoort 1965: 105-106

-- Roehr & Moore 1965: 566-

-- Cervigon & Marciano 1965: 280

-- Calef & Grice (unpubl.) in Ketchum & Ryther 1966:
appendix

Pleuromamma xiphias (Giesbrecht, 1889)

card 7

-- Kolesnikov 1966: 156

-- Furuhashi 1966: 305, 307, 309, 313

-- Krylov 1967?: 248

-- Marikova & Campos 1967: 67

-- Ehrhardt 1967: 739-740

-- Conover 1968: 112

-- Ramirez 1969: 69-70, fig. 91, 93-94, 101, 104

-- Moryakova & Campos 1966: 131-, Cuba

-- Kolesnikov & Alfonso 1966: Table 3

Pleuromamma xiphias (Giesbrecht, 1889)

card 8

-- Bradford 1970: 347

-- Park 1970: 477

-- Wheeler 1970: Tab. 4

-- Morris 1970: 2301-2302

-- Gueredrat 1971a: 300-, equatorial Pacific

-- Shih et al. 1971: 42, Canada - Atlantic

-- Deevey 1971: 228, Fig. 8, Tab. 3

-- Binet & Dessier 1971: 435, 454

-- PAIVA 1971: 25

Pleuromamma xiphias (Giesbrecht, 1889)

card 9

- Shushkina & Vilenkin 1971: 187-
- Bowman 1971: 6-
- Ostapenya & Shushkina 1971: 194
- Binet et al. 1972: 133
- Chiba & Hirakawa 1972: Tab. 2
- Roe 1972a: 286-
- Roe 1972c: 527, 545-547, 549, 551
- Roe 1972d: 1039, 1040
- ~~V~~ VIVES 1972: 218, 237-238.

Pleuromamma xiphias (Giesbrecht, 1889)

card 10

-- Bradford 1972: 46, fig. 11.8, 11.9

-- Owre & Foyo 1972: Tab. 3

-- Beaudouin 1973: 125, 148, 168, Tab. 1

-- Jawed 1973: 64, 79, 88-90, 94, 95, 98, 101, 102

-- Harding 1974: 150

-- Fashain et al. 1974: Tab. 1, 4

-- Roe 1974: 100-, N. Atlantic

-- Arcos 1975: 20, figs. 56-57

-- DEEVEY & BROOKS 1977: 264

Pleuromamma xiphias (Giesbrecht, 1889)

card 11

-- Tranter 1977: 593-625

-- Sander & Moore 1978: 233

-- Bowman 1978a: 114-, Fig. 1G-H

-- Youngbluth 1979: 22, Caribbean

-- Dawson & Knatz 1980: 93, pl. 80, fig. a-h

-- Björnberg 1981: 640, fig. 214#5

-- Madhupratap et al. 1981: 266-267

-- Gardner & Szabo 1982: 27, 344-345, fig. 20-26

-- CUMMINGS 1982: 32-, GULF OF MEXICO

Pleuromamma xiphias (Giesbrecht, 1889)

card 12

-- DeDecker 1984: 316

-- Ferrari 1984: 166-178, Figs. 1E, 4

-- Bamstedt 1986: 11-

-- Madhupratap & Haridas 1986: 108, 109, 111 - Indian Ocea

-- Ferrari 1985: 1-55, fig. 1-23

-- Morris et al. 1985: 283-295

-- Campaner 1986: 259-, S. Brazil Shelf

-- Ferrari 1986: 629-630

-- LE BORGNE 1986: 140-

Pleuromamma xiphias (Giesbrecht, 1889)

card 13

-- Ambler & Miller 1987: 561-576, N. Pacific

-- Latz et al. 1987: 489-502, figs. 1-6, Tabs. I-IV,
Sargasso Sea

-- Wishner & Allison 1986: 717, fig. 7, tab. 2

-- Mauchline 1988: 709-

-- Haury 1988: 336-, E. Pacific

-- Herring 1988: 184-

-- Alcaraz & Strickler 1988: 413-

-- SOLDEVILLA ET AL. 1988: 59, CANARY ISLANDS

Pleuromamma xiphias (Giesbrecht, 1889)

card 14

-- Alvariño 1989: 69-, off S. California, USA

-- Copley et al. 1989: 13-, nw Atlantic

-- Ferrari & Hayek 1990: 114-127, off Hawaii; sex ratios

-- Reid 1990g: 188

-- Suárez, E. et al. 1990: 126-, w. Gulf of Mexico

-- SUÁREZ M., E. 1992: 141-, w. GULF OF MEXICO

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

-- WEATHERBY ET AL. 1994: 670-685, FIGS. 1-7,

ANTENNULE; HAWAII

Pleuromamma xiphias (Giesbrecht, 1889)

card 15

-- Ferrari 1993a: 1711

-- RAZOULS 1994: 12

-- YAMASHITA & MOREIRA 1981: 41

-- FERRARI & MARKHASEVA 1996: 277

PLEUROMMA -, DAHL 1893: 105-107

PLEUROMMA -, LATZ ET AL. 1987: 489-502, FIGS. 1-6,

TABS. I-IV, SARGASSO SEA

-- HEUCH & KARLSEN 1997: 744

-- STEUER 1933: 3-5, FIGS. 1-10, N. & S. ATLANTIC, INDO-PACIFIC

PLEUROMANNA XIPHIAS (GIESBRECHT, 1889)

-- BOXSHALL & HUYS 1992: 329, FIG. 1

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Pleuromamma sp.

- Patriti 1984a: 157-161, Gulf of Fos-sur-Mer
- PATRITI 1984b: 165, MARSEILLES
- CAMPANER 1986: 261, S. BRAZIL SHELF
- HERRING 1988: 184 -
- HO & PERKINS 1985: 587 -
- SHIH ET AL. 1971: 149, CANADA - PACIFIC

Pleuromamma sp.

--, ~~of~~ Furuhashi, 1966: 314: P. sp. of Furuhashi, 1961: 10
= P. scutellata

--, JAWED, 1973: 44, 73, 82

--, FIGUEIRA 1971: 149.

PLEUROMAMA SP. RAZOULS, 1994

-- RAZOULS 1994: 146-, Pl. 71, ♀, ANTARCTIC

Pleuromamma spp.

--, Bjornberg, 1963, table 10, 124

- Bjornberg, 1968: 59-60, pl. 9, fig 1-9.

-- BAMSTEDT 1986: 22 -

-- LE BORGNE 1986: 112 -

-- CARMAN & DOBBS 1997: 124, TAB. 2