

CALIGIDAE BURMEISTER, 1835

①

- KABATA 1988: 7-9, FIG. 2, KEY TO CANADIAN GENERA, DIAGNOSIS.
- PRABHA + PILLAI 1983: 40-46, REVIEW GENERA + SUBFAMILIES.
- NERESHEIMER 1991: 73-74, DIAGNOSIS, KEY TO GENERA
- KABATA 1988C: 617-622, EVOLUTION
- CRESSEY + CRESSEY 1990: 45, APOGONIA, N.G.
- DOJIRI + CRESSEY 1991: 594-, ARRAMA, N.G.

Caligidae

card 2

- Lüling 1953: 14-

- KABATA 1992: 42-, DIAGNOSIS, KEY

- PRABHA 1983-, "REVISION"

Caligiidae - ~~Caligoidea~~
SIPHONOSTOMATOIDA

Caligus. valid

Müller, 1785

C. curtus, ^(M)

Syn. Monoculus (pars) Linnaeus, etc., 1746, No. 2044,

Binoeculus (pars) Fabricius, Müller. ⁽¹⁾ 1780, No. 239 | ⁽²⁾ 1776, No. 2408.

Pediculus Baster & Ström. 1765, vol. 2, p. 137.

Oniscus Slabber, 1778,

Calygus Oken, 1815, p. 359,

"Ex hac oculorum caligine genus nomen fortitum est,"

Müller 1785, p. 129.

Caligus T. & A. Scott, 1913, p. 44.

Carapace large, shield-shaped. Frontal plates with lunules. Mandibles often toothed along both margins. 2nd. maxillae simple, spine-like. 1st. and 4th. swimming legs uniramous, 2nd. and 3rd. biramous. 4th. thorax segt. free, without dorsal plates; gen. segt. simple, without plates or processes. Abdomen 1- to 5-segmented. Young of both sexes with a frontal filament during the chalimus stage.

Caligus Dana, 1849, *J. p.*, 284; 1852, p. 1352.
Caligus Wilson, 1905, p. 555.
Caligus Baird, 1850, p. 269.
Caligus Muller, 1785, p. 129.

Caligus Müller

CARD 2

- SCHRAM 1986: 448, 450 FIG. 37-1H
- Pillai, 19?, p. 1573-1574
- BOXSHALL et al., 1984: 69
- KOGA 1973: 36, FIG. 10-11, NAUPLIUS
- KOGA 1984b: 107, FIG. 2-11, NAUPLIUS
- Dakin & Colefax, 1940: 117 (spps A, B, C)
fig. 205G, H, I
- Dojiri, 1983: 57-61
- BRESCIANI, 1986: 142, 143 - TEGUMENT

CALIGUS MÜLLER

CARD 3

- FRYER 1978a: 344-345, 356-359, 364
- IZAWA 1987: 156-, FIG. 1C
- CRESSEY 1983: 258-
- CRESSEY ET AL. 1983: 232-
- CRESSEY 1986: 142
- KABATA 1988: 8, 10-12, DIAGNOSIS + KEY TO
CANADIAN SPECIES.
- PRAHA & PILLAI 1983: 5-
- STOCK 1988b: 545

CALIGUS MÜLLER

CARD 4

- NERESHMEIER 19096: 74, DIAGNOSIS / KEY
- KABATA 1988c: 617 - 622, EVOLUTION
- BURMEISTER 1834: 17-
- TILESUS 1815: 331-
- RANGNEKAR 1984: 348, LOWERED CARITUS CRESSEY
TO SUBGENUS OF CALIGUS
- KABATA 1991: 119
- DOJIRI & CRESSEY 1991: 604-, CF. ARRAMA N.G.
- KABATA 1992: 43-, DIAGNOSIS, KEY

Caligus Müller

card 5

- Pillai 1976: 40

- PRAKHA 1983: 49- , MIDIAS A SYNONYM (NEW
SYNONYM)

CALIGUS, "CURTUS - GROUP"

-- CABRAL + RAIBAUT 1986: 127; C. CURTUS,
TYPE-SPECIES

CALIGUS (METACALIGUS THOMSEN 1949)

-- PRABHA v PILLAI 1983: 7-, SPECIES LIST

Caligus abbreviatus Krøyer, ♂.♀, ^{Caligidae.}

- — Krøyer, 1863, p. 61: pl. 3, fig. 3, a-h.
- — Olsson, 1869, p. 7.
- — B-Smitk, 1899, p. 446.
- — Wilson, 1905, p. 558 (key).

Host, Labrus maculatus.

Bergen.

-- T. Scott, 1905, a, p. 109: pl. 5, figs. 1-6.

Caligus abbreviatus Kroyer, 1863-4

--, Parker, 1968, p. 363: jr. syn.

—Margolis et al, 1975: 10

-- KABATA 1988: 5, ORIGIN OF NAME

CALIGUS ABSENS HO, LIN + CHEN, 2000

-- HO, LIN + CHEN, 2000: 159-164, FIGS. 1-3, N. SP.,
EX PRIACANTHUS BOCHI, P. MACRACANTHUS

Caligus acanthopagri Lin, Ho & Chen, 1994

-- Lin, Ho & Chen 1994: 253-259, figs. 1-4, n.sp.,
female + male, ex black sea bass Acanthopagrus
schlegeli, Taiwan

Caligus acutus (Kurian)

- - Kurian as *C. affinis* pp. 71-72, fig. 37-45
- - Kirtisinghe 1964, p. 66, figs. 58-67 nom. nov.
- - Pillai, 197?, p. 1588, fig. 63
- Margolis et al, 1975: 10

✓
Caligus aduncus Shen & Li

Caligus aduncus Shen & Li, 1959,

Tsingtao Harbor, China.

— Margolis et al, 1975: 10

-- KABATA 1988: 5

-- BOXSHALL & GURNEY 1980: 172, TAB. 1

Caligus aeglefinae Krøyer, ♂.♀.

- — Krøyer, 1863, p. 89: pl. 7, fig. 3, a-f.
- — Olsson, 1869, p. 7.
- — B-Smith, 1899, p. 447.
- curtus Wilson, 1905, p. 555.
- , Parker, 1968, p. 363: jr. syn.

A synonym of Caligus curtus.

- Margolis et al, 1975: 10

Caligus aesopus Wilson ♀. ^{Caligidae - Caligoida ✓} ①

— Wilson, 1921, p. 72: pl. 3, figs. 8-10:
pl. 4, figs. 11-13.

-- --, Hewitt, 1963. pp. 71-78, fig. 4-5

--, Hewitt & Hine, 1972, p. 97

— Margolis, et al 1975: 10

Host. Gills of large scoubrid -

Juan Fernandez Island.

Caligus aesopus Wilson

card 2

-- Castro Romero & Baeza Kuroki 1982: 154 (in handwritten correction).

-- KENSLEY + GRINDLEY 1973: 74, FIG. 3 d-f, ♀ ♂
FROM YELLOWTAIL, FALSE BAY, S. AFRICA; p. 122

-- DOJIRI 1989: 363

-- BAEZA KUROKI + CASTRO ROMERO 1982: 3

-- JONES 1988: 398, 399, FIG. 1E

Caligus affinis Heller, ♂, ♀.

Caligidae.

- — Heller, 1866, p. 752 (p. 30 reprint).
- — Stössich, 1880, p. 254.
- — Richiardi, 1880, p. 148.
- — Della Valle, 1880, p. 57.

Host. Gills of Umbrina cirrosa.

— Margolis et al, 1975:11 ○ Mediterranean.

— — Carus, 1885, p. 357.

— — Wilson, 1905, p. 560 (key).

— — Brian, 1914^c, p. 134.

— —, Parker, 1968, p. 364

Caligus cf. affinis Heller

-- Kensley & Grindley 1973: 72-74, fig. 2a-g, from

Pomatopus saltator, Durban, S. Africa

; p. 122

- - DOJIRI 1989: 363

Caligus affinis Kurian = C. acutus

- Kurian, 1961, pp. 71-72, figs. 37-45.

- Margolis et al, 1975: 11

Caligidae ✓

Caligus afurcatus Wilson ♀.

—, Wilson, 1913, p. 215: pl. 30, figs.
102-106: pl. 32, figs. 136-138.

— Margolis et al 1975: 11

— Ho & Bashirullah, 1977: 703, 712

— KABATA & TAREEN 1984: 62

Host, Gills of Sparisoma viride.

— PRABHA & PILLAI 1983: 8, IN SUBGENUS

METACALIGUS

West Indies.

Caligus afurcatus Wilson

card 2

-- Kabata 1988b: 5

-- CRESSEY 1991: 1-2, FIGS. 1-8, REDESCRIPTION OF TYPE

11

-- DOJIRI & CRESSEY 1991: 604-

Caligus alaihi LEWIS, 1968

--, Lewis, 1968, p. 64

- Kazachenko, 1975, p. 211

- Margolis et al, 1975: 11

- Kazachenko, 1975: 211

-- KABATA 1988c: 619-, FIG. 4

-- CRESSEY 1991: 13

-- DOJIRI & CRESSEY 1991: 604-

Caligus alalongae Krøyer, ♂

— — Krøyer, 1863, p. 55; pl. 4, fig. 6, a-e.

— — Carus, 1885, p. 358

— — B-Smith, 1899, p. 449.

— — Wilson, 1905, p. 559 (key).

— —, Yamaguti, 1954, pp. 379-381., pl. 2, fig. 19, pl. 3, fig. 21.

Host. Gills of Thynnus alalonga Cuvier

Gill of Elogatis sp. + Caranx sp. Macassar, Celebes.

Mediterranean

→ Margolis et al 1975: 11-12

--, Parker, 1968, p. 364

--, ^{Nunes-}Ruivo, 1962, p. 4

-- KENSLEY 1970b: 171

-- Capart, 1959: 78 -79, fig. 12a-e

Caligus alatus Heegard - see C. balistae

Caligidae. ✓

Caligus abuncus, Wilson, ♀

①

— —, Wilson, 1905, p. 576; pl. 9

— — Wilson, 1935, p. 330.

→ coryphaenae Steenstrup & Lütken. — Heegaard, 1949, p. 242

Two females from outer skin of bonito.

Gymnosarda alleterata, Dry Tortugas.

Host ² • A single ♀ taken, at the surface
under attraction of electric light.

— Margolis et al 1975:12

-Wilson, 1937: 27-28, pl. 3, fig. 4a-f

CALIGUS ALIUNCUS C. B. WILSON, 1905

-- BONNET 1948: 7, HAWAII, EX EUTHYNNUS

ALLETERATUS

✓
Caligus alveolaris Heegaard

-- --, Heegaard 1962. pp. 156-157, fig. 37-44

— Margolis et al, 1975: 12

✓
Caligus amblygenitalis Pillai

-- -- Pillai 1961. pp. 98-100, fig. 7

--, HAMEED + PILLAI, 1973a: 117

--, CRESSEY + CRESSEY 1980: 36; Figs. 74c-g.

--, Pillai, 19?, p. 1580, fig. 43

- Margolis et al 1975: 13

- AMBLIGENITALIS, CABRAL + ROUCH 1986: 127

-- CRESSEY 1991: 10


-- BOXSHALL + GURNEY 1980: 172, TAB. 1

Caligus americanus ^{Pickering +} Dana, ♀.

- - Dana, 1838, p. 65: pls. 3, 4, & 5.
- - M-Edwards, 1840, p. 451.
- Curtus Wilson, 1905, p. 555.

A synonym of Caligus curtus.

C. americanus Pickering & Dana, ~~1838~~ 1838, Parker,
1968, p. 363: jr. syn.

- Margolis et al 1975: ¹³  **B**

Caligus amplifurcus Pearse - see C. longipedis

Caligus angustatus Krøyer, ♀

Caligidae!

-- Krøyer, 1863, p. 84: pl. 7, fig. 2, a-d.

-- Olsson, 1869, p. 10.

-- B-Smith, 1899, p. 453.

-- Wilson, 1905, p. 558 (key).

--, Parker, 1968, p. 365

Host, Haddock & Cod.

--, Parker, 1965, p. 97

-- Margolis et al, 1975: 13

Europe.

-- KABATA 1988b: 5

Caligus annularis Yamaguti

1954---Yamaguti, S., pp. 385-386, pl. IV, figs. 33-34.

- , Pillai, 1966, p. 126-128, fig. 3
- , Pillai, 19?, p. 1581, fig. 47
- Margolis et al, 1975:13
- KABATA 19886:5
- CRESSEY 1991:13

Caligus antennatus Boxshall & Gurney, 1980

-- BOXSHALL + GURNEY 1980: 171-178, FIGS. 8-11, N.S.P., HOST

ACANTHOPAGRUS LATUS, KUWAIT

-- Kabata & Tareen 1984: 57, 62, figs. 22-26 ♀♂

Caligus
(Pseudocaligus) apodus Brian, ♀. 0

— — Brian, 1924, p. ³⁹⁰ 29: text-figs. 31-32.

--, Brian, 1924, p. 390, fig. 31, 32

--, HAMEED, 1977: 61, 65

--, Rainbaut & Hassine, 1977, p. 843-844

Host. Outside surface Mugil sp.

— Margolis et al 1975: 14

Mauritania.

CALIGUS APODUS (BRIAN, 1924) ②

-- BEN HASSINE, 1983: 89-102, 142-146, 166-171, 184-188,
210-212, 217-221, 226-227, 232-3, 239-240, 247-251, 254, 260

SYNONYMS: PSEUDOCALIGUS APODUS BRIAN, 1924

CALIGUS (PSEUDOCALIGUS) APODUS BRIAN, 1935

PSEUDOCALIGUS APODUS CRESSEY, 1967

PSEUDOLEPEOPHTHEIRUS MEDITERRANEUS

PAPERNA, 1964

HOSTS: MUGILIDAE

FIGS. 70-101; pp. 449-452

Caligus appendiculatus - Müller ♀ 1852
Caligidae. ✓
1851

- — Archiv für Naturg. XVIII, p. 91: pl. IV, figs 5+6,
—, Parker, 1968, p. 105-6: request for suppression
—, Parker, 1968, p. 363: jr. syn. ^{of name}

The young of some of the established species
of *Caligus*, and not the type of a new
species.

— Margolis et al 1975: 14

✓
Caligus arcticus Brandes

Brandes, 1956, p. 171-181, pl. I, fig. 5; pl. II, fig. 1-10

--, Parker, 1969, pp. 1025, 1026, 1029. syn. of
C. elongatus

Caligus argilasi. Brian ♀♂.

— — Brian 1931, p. 119: pl. 1, figs. 1-9

— pageti Russel, 1925 in Brian 1931/6 p. 157

--, Argilias, A., 1930, p. 95

— Margolis et al, 1975: 14

Host. Skin of Mugil auratus, Algiers Bay.

-- BEN HASSINE, 1983: 79, SYNONYM OF CALIGUS PAGETI
RUSSELL, 1925

Caligus arii B-Smith, ♀

✓
①

— — B-Smith, 1898, b, p. 82: pl. 4, fig. 1, a-d.

— — B-Smith, 1899, p. 452

— — Wilson, 1905, p. 560 (in key).

-- --. Pillai 1963. pp. 71-73, fig. 3

--, Parker, 1968, p. 365

Host. Gills of Arius acutirostris.

--, Pillai, 1962, p. 180

— Margo lis et al 1975: 14 Trincomalee.

Caligus arii Bassett-Smith

card 2

--, Ho & Bashirullah, 1977, p. 712

-- Pillai, 19?, p. 1575

-- KENSLEY & GRINDLEY 1973:122

-- DOJIRI 1989: 363

Caligus ariicolus C. B. Wilson 1928.

J. Siam Soc. Nat. Hist. Suppl., vol. VII, pp. 191-192, pl. 13

Arius caelatus Menam ChaoPhya, Paknam, Siam
Publ. Cat. No. 59769 but never entered!

- Margolis et al 1975: 14

-- CRESSEY 1991: 13

-- DOJIRI & CRESSEY 1991: 604-

Caligus asperimanus Parse, 1951 ✓

Parse, 1951, p. 344, fig. 68, a-g

-- Kabata, 1968, p. 8

-- Margolis et al, 1975: 14

-- KABATA 1988b: 5

-- CRESSEY 1991: 2-3, FIGS. 9-19, ♀♂, BELIZE, HOSTS

LUTJANUS spp. ; 11

Caligus asymmetricus ✓

-- -- Kabata, 1965, p. 110-112.

--, Lewis, 1967, pp. 131, 132, 134, 136, 138, figs.
49-51

--, CRESSEY + CRESSEY 1980: 25-26; Figs. 45-47,
104.

--, Pillai, 19?, p. 1574, fig. 30

-- Margolis et al, 1975: 15

-- CRESSEY ET AL. 1983: 238-, HOSTS

Caligidae ✓

Caligus atromaculatus Wilson ♀ 1

Wilson, 1913, p. 214: pl. 29, figs 92-98

→ Margolis, et al 1975: 15

- CRESSEY, R. + NUTTER 1987: 60, HOST

LUTIANUS GRISEUS, LOUISIANA

- KABATA 1988b: 5

Host, Gills of Tenuthis hepatius.

- CRESSEY 1991: 3, FIGS. 20-29, HOSTS, RECORDS; 12

- DOJIRI 1989: 367-

West Indies.

CALIGUS ATROMACULATUS C. B. WILSON, 1913

2

-- LUQUE + TAKEMOTO 1996: 539

✓
Caligus auxisi Pillai

-- -- Pillai, 1963. pp. 85-87, fig. 12

-- -- Pillai, 19?, p. 1578, fig. 37

Caligus bagri Dana, 1852

--, Parker, 1968, p. 363: transferred by Dana, 1853

-Margolis et al 1975:15

Caligidæ. ✓

Caligus balistæ Steenstrup & Thütken ♀♂ ①

— —, Stp. & Ttk., 1861, p. 356: pl. 7, fig. 7.

— —, B-Smitk, 1899, p. 448.

— —, Wilson, 1913, p. 208.

— —, Brian, 1914, p. 2.

— Margolis et al 1975: 15

Host. Balistes retula mouth and fins.

West Indies.

- — Wilson, 1905, p. 601: pl. 15, figs. 172-177.
— — Brady, 1910, p. 588 (misspelled - Calistae)
— — Brian, 1929, p. 4: pl. 2, f. 1-2; pl. 4, f. 8-10: pl. 5
— — Wilson, 1932, p. 400: fig. 246. f. 15-17

--, Parker, 1968, p. 365

— Wilson, 1937: 24, pl. 3, fig. 1

-- CABRAL & RAIBAUT 1986: 127

-- CRESSEY, R. & NUTTER 1987: 60; HOST RECORDS-

LOUISIANA

-- CRESSEY 1991: 3-4,

SYNS C. POLYCANTHI,

ALATUS

FIGS. 30-37, HOSTS, RECORDS

C. CANTHIDERMIS, C.

CALIGUS BALISTAE STEENSTRUP + LÜTKEN, 1861 CARD 2
-- BOXSHALL + GURNEY 1980: 171 ; ALSO - C. ALATUS A SYN.

Caligus alatus Heegaard

Caligidae-Caligoida ✓

— —, Heegaard, 1943, p. 14, figs. 32-55, ♀ ♂, Host:
Canthidermus sp., probably *C. maculatus* Bloch,
West Indies.

--, Yamaguti & Yamasu, 1959, p. 112-4

— Margolis et al 1975: 12

-- KENSLEY 1970b: 171

-- CABRAL + RAIBAUT 1986: 127

-- CRESSY 1991: 4, = C. BALISTAE

C.a., SHEN 1957: 370

CALIGUS ALATUS, BOXSHALL + GURNEY 1980: 17K, TAB. 1)

= C. BALISTAE

Caligus canthidermis Yamaguti & Yamasu, 1959, p. 112

n. sp. Yamaguti & Yamasu, 1959, p. 112-4, pl. Vii,
figs. 124-135

- Margolis et al 1975: 20

-- CRESSY 1991: 4, = C. BALISTAE

|||||, |||, | 1011, 11,

→ Kazatchenko & Audew, 1977: 31

— Margolis et al 1975: 62

— CRESSEY 1991: 4, = C. BAKISTAE

C.P., C.L. LIN ET AL. 1994: 253 -

C.P., BOXSHALL & GURNEY 1980: 172, TAB. 1

Caligus belones Kröyer, ♀.

Caligidae. ✓

- — Kröyer, 1863, p. 81: pl. VII, fig. 1, a-e.
— — Olsson, 1869, p. 7.
— — Bassett-Smith, 1899, p. 449.
— — Wilson, 1905, p. 586: pl. XII, figs. 135-9.
— Margolis et al 1975: 16

Host. Belone vulgaris, "Horn-fish" (Kr.) "Beak-fish" (Ols.). Coryphaena equisetis.

— — . M. J. Rathbun, 1905, p. 91.

— — . Wilson, 1932, p. 405; fig. 252.

--, Parker, 1968, p. 365

--, Boer, 1970-2, Tbl. 1

--, Cressy & Collette, 1970, p. 376, Fig. 117

-- DELAMARE DEBOUTTRVILLE + NUNES-RUIVO 1958:

217-218, FIG. 3, ON BELLONE BELLONE, MEDITERRANEAN

Caligus benedeni, Bassett-Smith, ♀. Caligidae. ✓

— —, B. Smith, 1898^a, p. 9; pl. IV, fig. 3

— —, Thompson & Scott, 1903, p. 294.

— —, Nunes Ruivo, 1962. pp. 71-72, fig. 1

See Sciaenophilus benedeni.

^{Nunes-}
—, Ruivo, 1962, p. 4

Host. Operculum of Sciaena diacanthus

— Margolis et al., 1975: 16 Ceylon.

Caligus benedeni Bassett-Smith, 1898a

-- , Parker, 1968, p. 363: transferred by Bere, 1936

— Capart, 1959: 79-81, fig. 13a-d

Caligus Bengoensis T. Scott, ♀,

Caligidae ✓

— — T. Scott, 1894⁹, p. 130: pl. 14, fig. 19.

— — B-Smitk, 1899, p. 451.

— Coryphaena Wilson, 1905, p. 555.

--, Parker, 1968, p. 363: jr. syn.

A synonym of Caligus coryphaena

Captured in tow-net at surface.

— Margolis et al, 1975: 16

Caligoida--- Caligidae ✓

Caligus bennetti Causey ①

- 1953. Causey, David, pp.3-4, figs. 13, 17-22
 -- -- Causey, 1955, pp. 2-19.. Gulf of Mexico
 -- --, Causey, 1960, p. 328. From Paralabrax maculato-
fasciatus, Mazatlán, Sinaloa, Mexico; Kyphosus
sectatrix, Veracruz, Mexico.
- , Ho & Bashirullah, 1977, p. 703-706, figs. 1-2
- Margolis et al 1975 : 17
- CRESSEY, R. + NUTTER 1987: 600-601
- PRABHA + PILLAI 1983: 1-5, FIGS. 1-24, HOST LABOTES
JURINAMENSIS; TRIVANDRUM, INDIA; GIVES SYNONYMY.

Caligus bennetti Causey, 1953

card 2

-- Prabha 1983: 49- , *FIG 3*

Caligidae - Caligoida.

Caligus berychis Wilson, 1935, ♀♂

— — Wilson, 1935, p. 107: text-figs. 1-9,

— Margolis et al, 1975: 17

-- CRESSEY 1991: 4-5, FIGS. 46-55, STRONGYLURA
NOTATA, SARASOTA, FLORIDA; 11

Host. Mouth of Beryx decadactylus, off Cuba,

Caligus bruceolatus Brian ♀ Caligidae. ✓

-- Brian, 1914, p. 2: 5 text figures.

-- Brian, 1929, p. 5: pl. 2, f. 5-6; pl. 4, f. 1-7.

-- Margolis et al, 1975: 17

-- CARLI & BRUZZONE 1973b: 130

-- CRESSEY 1991: 5, FIGS. 56-64, HOSTS, CARIBBEAN

Host. Found free in a drag-net which had caught a Macrurus + a Bathygobius

-- LUQUE + TAKEMOTO, 1996: 539

Europe -

Caligus bicolor Lamarck, ♀.

Caligidae. ✓

— — Lamarck, 1818, vol. 5, p. 210

— — Baird, 1850, p. 288.

Pandarus — Wilson, 1905, p. 555,

--, Parker, 1968, p. 362: transferred by Baird, 1850

A synonym of Pandarus bicolor.

(Wilson, 1905, p. 555)

--, Parker, 1969, p. 1020.

- Margolis et al, 1975 : 17

Caligus bicuspidatus Nordmann, ♀.

- — Nordmann, 1832, p. 17: pl. 11, figs. 1-9.
- — Krøyer, 1837, p. 201.
- — M. Edwards, 1840, p. 454.
- — B. Smith, 1899, p. 447 (C. curtus)

A synonym of Caligus curtus.

(Wilson, 1905, p. 555).

- Margolis et al, 1975: 17

— *curtus* Wilson, 1905, p. 555.

--, Parker, 1968, p. 363, jr. syn.

--, Parker, 1969, p. 1020.

Caligus bicycletus Heegaard

Heegaard 1945a, p. 1, figs. 1-15, ♀, imm.♂,
Host, Cardus sp., mouth cavity, Java.

- HAMEED & PILLAI, 1973a: 117
- Margolis et al, 1975: 18
- CRESSY 1991: 13
- PRABHA 1983: 49-

Caligoida- Caligidae ✓

Caligus bifurcatus Pearse

1952--- Pearse, A.S., pp. 196-198, figs. 18-28

-Margolis et al 1975: 18

✓
Caligus bifurcus Shen, 1958

- Shen 1958, p. 142, pl. V, N.SP., CHINA
- Parmer, 1968, p. 1924, possible syn. w/ C. curtus
- Margolis, et al, 1975:18

Caligus biseriocentatus Shen, 1957 ✓

Shen 1957, p. 374, Pl. IX, N. SP. ♀, CHINA

--, CRESSEY & CRESSEY 1980: 29-31 ; Figs. 57-59, 105.

- Margolis et al, 1975: 18

- CRESSEY ET AL. 1983: 233-, HOSTS

Caligus (Subcaligus) *bocki* Heegaard

Heegaard 1943a, p. 1, figs. 1-11, ♀

Gilbert Islands, Host: *Eulamia menisorrha*

— Margolis et al 1975; 18

- CRESSY 1991: 13

- - DOJIRI + CRESSY 1991: 604-

✓
Caligus bombayensis Rangnekar

Rangnekar, M.P.-- 1955, pp. 55-59, 16 figs.

-- --, Kabata, 1965, p. 112

--, Kabata, 1970, fig. 15

- Margolis et al, 1975: 18

Caligidae. ✓

Caligus bonito, Wilson, ♂, ♀.

— Wilson, 1905, p. 589; pl. XIII, figs. 150-153:
16 text figures - , Woods Hole, MASSACHUSETTS

— M. S. Rathbun, 1905, p. 89.

— Brian, 1924, p. 13, Mauritania.

Gymnosarda pelamys = Katsuwonus p. (skipjack)

Host. Bonito - Mouth & gill cavity.

Tasarte (Cybium).

— Margolis, et al Woods Hole
1975: 18-19

- — Wilson, 1932, p. 407: fig. 255
- — Yamaguti, 1936, p. 8: Pl. 5, figs. 69-71, Pl. 6, figs. 72-85
- —, Nunes-Ruiro, 1956, p. 6-11, pl. 2, fig. a. Angola, gills of
Katsuwonus pelamis.
- —, Causey, 1960, p. 328. Mouth of Sarda chilensis, Salina Cruz, Oaxaca, Mexico
- --, Shiino, 1960. pp. 527-528, fig. 1. buccal cavity
of Sarda chilensis
- ---, Shiino, 1963. pp. 336. gills of Katsuwonus
pelamis
- , Lewis, 1967, pp. 124, 125, 126-128, 130, 131, figs.
46-48
- , Nunes-Ruiro, 1967, p. 4
- , CRESSEY & CRESSEY
- Wilson, 1937: 24
- 1980: 26-27; Figs. 48-50, 105.

Caligus bonito Wilson, 1905

card 2

-- Cressey, R. & Nutter 1987: 600-601, host records,
Louisiana

- CRESSY ET AL. 1983: 228-, FIG. 1d
-- KABATA 1988c: 621, FIG. 5
-- CRESSY 1991: 5-6, FIGS. 65-68; SYNS. C. SARDA
PEARSE, C. KUROSHIO SHIINO, NEW SYNS. ; 11
-- DOJIRI 1989: 363
-- KABATA 1992: 48, FIG. 9A-E; SYNS. C. KUROSHIO +
C. KRISHNAI

Caligus bonito Wilson, 1905

card 3

-- Deets & Benz 1988: 873

-- KNOFF ET AL. 1995: 49, HOST MUGIL PLATANUS, RIO DE JANEIRO, BRAZIL.

-- LUQUE + TAKEMOTO 1996: 534

-- JONES 1988: 399, FIG. 1B, C, HOST KATSUWOMIS PELAMIS, NEW ZEALAND

-- REID 1996: 1

= C. BONITO ✓

Caligus kuroshio Shiino

1959---pp. 51-57, 2 figs.

-- --, Pillai 1963. pp. 80-81, fig. 9

-- --, Shiino, 1965, p. 417-418.

--, Lewis, 1967: 114, 116, 130

synonym for *C. bonito* Yamaguti 1936

--, Pillai, 19?, p. 1580, fig. 45

- Margolis et al 1975: 41-42

-- CRESSEY 1991: 5, = C. BONITO, NEW SYNONYMY

C. K., KNOFF ET AL. 1995: 49

= C. BONITO

Caligoida Caligidae ✓

Caligus sarda Pearse

1952--- Pearse, A.S., pp. 17-18, figs. 45-48

- Margolis et al 1975: 13

-- CRESSY 1991: 5, = C. BONITO

C.S., KNOFF ET AL. 1995: 49

Caligidae. Caligoidae

Caligus borealis Olsson, ♂, ♀.

— — Olsson, 1877, p. 77: pl. 4, figs. 2-4.

— — Wilson, 1905, p. 557 (key).

--, Parker, 1968, p. 363: jr. syn.

Host, Outside of Thymallus vulgaris,

— Margolis et al 1975: 19

Jemtland.

Caligus branchialis, Malm. ♀. Caligidae.

— — Malm - mss.

— — St. + Ltk. 1861, pp. 355, 362.

— — pl. II. fig. 3 a — a*.

--, Parker, 1968, p. 383: transferred by Bassett-Smith, 1899

a synonym for Lepocephtheris Thompsoni.

(Wilson, 1905, p. 555: 619).

— Margolis et al 1975: 19

Caligus brevicaudatus

Caligidae.

✓
①

A. Scott. ♀.

—, A. Scott, 1901^a, p. 349, pl. II, figs. 7-10.

—, " " , 1904^b, p. 118; 1904^a, p. 38

— Wilson, 1905, p. 558 (key).

--, Boer, 1970-2, p. 4, Tbl. 1

— Margolis et al^{9,10}, 1975:20

Host Inside & mouth of the Common Gurnard
(*Trigla gurnardus*). Piel, Scotland.

Caligus brevicaudatus A. Scott, 1901

card 2

-- Kabata & Tareen 1984: 62.

-- KABATA 1988c: 619, FIG. 2

-- DOJIRI 1989: 363

-- KABATA 1992: 48-, FIG. 9F-G, SYNONYMY, HOST LIST

-- BOXSHALL + GURNEY 1980: 171

Caligus brevicaudus Pillai

-- -- Pillai, 1963. pp. 83-85, fig. 11

-- , Pillai, 19?, p. 1589, fig. 66

-- Margolis et al 1975: 20

-- ~~KABATA & TAREEV 1984: 62.~~

Caligus brevipedis Bassett-Smith - see Pseudocaligus

✓
Caligus brevis Shiino

1954---Shiino, Sueo, M., pp. 178-183, 2 text-figs.

Host: Pseudolabrus japonicus (Houttuyn)

C. brevis, Hewitt, 1963. pp. 65-71, fig. 2,3

--, Hewitt & Hine, 1972, p. 83, 87, 94

- Margolis et al 1975: 20

-- Bokshall + Gurney 1980: 172, TAB. 1

-- Jones 1988: 399-400, TAB. 1, NEW ZEALAND

Caligus brevisoris Shen, 1957

- Shen 1957: 371-372, Pl. IV, n. sp. female only, ex Cybium commersoni, Kan-chung, Hainan Island, China
- Pillai 1961: 87-89, fig. 1
- Margolis et al. 1975: 21

✓
Caligus büchlerae Hewitt

-- -- Hewitt, 1964. pp. 123-129, fig. 1,2

--, Hewitt & Hine, 1972, p. 99

— Margolis et al 1975: 21

C. BUECHLERAE, JONES 1988: 400, FIG. 1A, NEW ZEALAND

✓
Caligus calotomi Shiino, 1954

1954---Shiino, Sueo M., pp. 16-20, 2 text-figs.

Host: Calotomus japonicus (C. & V.)

— Margolis et al, 1975: 21

— Boxshall & Gurney 1980: 172, TAB. 1

Caligus canthidermis - see C. balistae

Caligidae.
1863

Caligus carangis Krøyer, ♂.♀., 1863

- — Krøyer, 1863, p. 69: pl. 5, fig. 2, a-e.
- — B-Smitt, 1898, c, p. 364: pl. 11, fig. 4.
- — B-Smitt, 1899, p. 449.
- alalongae Wilson, 1905, p. 555.

A synonym of Caligus alalongae.

- , Kabata, 1968, p. 8
- , Parker, 1968, p. 363: jr. syn.
- Margolis et al 1975: 21

Caligus carangis (Rangnekar 1956)

Midias carangis, Rangnekar 1956: 49-52, 1 pl.

M. -, Lewis 1967: 93, 100, 101

Caligus -, Prabha & Pillai 1983: 23

CALIGUS CARIBBEI CRESSY + SCHOTTE

-- LUQUE + TAKEMOTO, 1996: 531, AS "CARIBBI"

Caligus caudatus (Gnanamuthu 1950)

Parapetalus -, Gnanamuthu 1950, Proc. Indian Acad. Sci.
31: 125-133, figs. 1-5; host Dussumieria acuta,
Madras Coast.

Pseudopetalus -, Pillai 1962: 299-302, fig. 6.

Pseudopetalus -, Pillai 1968: 13

Pseudopetalus -, Pillai 19? : 1599, fig. 91.

Caligus -, Prabha & Pillai 1983: 20, comb. nov.

Caligus centrodonti Baird. ♂. ♀.

— — Baird, 1850, p. 272: pl. 32. figs. 6 & 7.

— — White, 1850, p. 119.

— — White, 1857, p. 314.

— — B. Smith, 1899, p. 447.

— — Tempere, 1898: 168, pl. 21, fig 13, 14

Host. Pagellus centrodontus

— Margolis et al 1975: 21 — 22

British Seas.

- Pearson, 1906, p. 24.
-- Wilson, 1905, p. 557 (key); p. 652, pl. 27
-- Gurney, 1934, p. 178: figs. 1-2: 6-11: 14-16 Developpt
--- Heegaard, 1943, p. 8
-- Izawa, 1969, p. 153
-- Kabata, 1972, p. 1591
-- Parker, 1968, p. 366
-- SPROSTON 1942: 448, 462-3.
-- BEN HASSINE, 1983: 298-9 (part as C. centrodonatus)

CALIGUS CENTRODONTI BAIRD

CARD 2

-- BOXSHALL 1974: 699

-- CABRAL + RAIBAUT 1986: 127

-- ESSAFI ET AL. 1984: 476, 499, FIG. 56, HOST SYMPHODUS
TINCA, TUNISIA

-- DOJIRI 1989: 367-

-- KABATA 1992: 51-, FIG. 9H-I, 10A-C; SYNONYMY, HOST

RECORD 5

-- I. H. KIM 1993: 27-28

Caligidae
Caligus chaenichthys Cunningham, 3. 7.

— —, Cunningham, 1871, p. 500: pl. 59, fig. 15.

~~Margolis et al, 1975: 22~~

No description is given, but the figures show clearly that the copepod belongs to the genus Toceophthirus

Host. Chaenichthys esox.

Caligus chanos Lin, 1989

-- C.L. Lin et al. 1994: 253-

Caligus cheilodactyli Krøyer, ♂.♀. ①

— — Krøyer, 1863, p. 52; pl. 4, fig. 5, a-d.

— — B. Smith, 1899, p. 449.

— — Wilson, 1905, p. 557 (key).

— — Wilson, 1923, p. 5

--, Parker, 1968, p. 366

Host. Cheilodactylus variegatus.

— Margolis et al 1975: 22

Talparaiso.

Caligus cheilodactyli Krøyer

card 2

- cheilodactyle, Castro Romero & Baeza Kuroki 1982:154.

Caligus chelifer, Wilson, ♀ Caligidas. ✓

—, Wilson, 1905, p. 582: pl. XI.

—, M.J. Rathbun, 1905, p. 91.

—, Brian, 1924, p. 13.

—, Wilson, 1932, p. 404: fig. 251.

—, Kabata, 1972, pp. 389-98, 24 figs.

— Margolis et al 1975: 22

Host. Menhaden, Sword-fish, Cutlass-
fish, outside surface.
Plankton (Brian). Woods Hole

- chelifera, Van Engel & Tan, 1965, p. 184-
- CRESSEY, R. & NUTTER 1987: 601, HOST
BREVOORTIA TYRANNUS, LOUISIANA
- BENZ 1986: 219, SMOOTH DOG-FISH
- ZWERNER & LAWLER 1972: 83, CHESAPEAKE BAY,
- CRESSEY 1991: 6, FIGS. 69-76, LISTS HOSTS, RECORDS;

Caligus chiloscyllii (Pillai)

—, Pillai, 19?, p. 1590-1591, fig. 71

- Margolis et al 1975: 22

- KABATA 1988c: 619, FIG. 2

- CRESSEY 1991: 13, AS CHILOSCYLLI

Caligidae.

KRØYER, 1863
Kollar, ♂.♀.

Caligus chorinemi

- — Kollar, 1835, p. 72. (FIRST DESCRIPTION)
- — Krøyer, 1863, p. 67: pl. 5, fig. 1, a-h. ♀
- — Heller, 1865, p. 174: pl. 15, fig. 4.
- — B-Smith, 1899, p. 457.
- , Parker, 1968, p. 365

Host. Chorinemus saliens.

- Margolis et al 1975: 22
- Wilson, 1937: 24-25 — pl. 3, fig. 2 Brazil.

— Wilson, 1905, p. 559 (key).

-- CRESSY 1991: 6-7, FIGS. 198-205, NEW SYNS.

C. TENAX, C. GERMOI, C. RECTUS

-- LUQUE + TAKEMOTO, 1996: 534

= C. CHORINEMI

Caligus germoi Pearse

Pearse, 1951, p 348, fig. 69, e-g

- Margolis et al 1975: 35

- CRESSY 1991: 6, = C. CHORINEMI, NEW SYNONYM

= C. CHORINEMI

Caligoida Caligidae ✓

Caligus rectus Pearse, 1952

1952. Pearse, A.S. pp. 15-16, figs. 38-44.

--, Kabata, 1968, p. 8

- Margolis et al 1975: 70

- CRESSY 1991: 6, = C. CHORINEMI, NEW SYNONYMY

= C. CHORINEMI

Caligidae. ✓

Caligus tenax Heller ♀ ♂

— —, Heller, 1865, p. 172: pl. 15, fig. 3.

— —, B. Smith, 1898, p. 363: pl. 11, fig. 3 ♂.

— —, B. Smith, 1899, p. 448.

99-101

— —, Wilson, 1913, p. 208: pl. 26: pl. 29, figs.

— Margolis et al 1975: 78

Host. Gills of Caranx hippos + C. cryos

Tobotes erate, Java.

West Indies +
Indian Ocean.

— — Wilson, 1905, p. 561 (key).

--, Parker, 1968, p. 365

— —, Pillai, 19?, p. 1588, fig. 64

-- KABATA 1988c: 619-, FIG. 4

-- CRESSEY 1991: 6, NEW SYN. OF C. CHORINEMI

-- LUQUE + TAKENOTO, 1996: 534

Caligus clavatus Tirtisinghe, 1964

- - Tirtisinghe, 1964, p. 63, figs. 51-56
- - Pillai, 19?, p. 1576, fig. 35
- Margolis, et al 1975: 23
- KABATA 1988C: 617-, figs. 2, 4
- CRESSY 1991: 10

Caligus clemensi Parker & Margolis, 1964

--, Kabata, 1972, pp. 1571-93, 106 figs.
n. sp. Parker & Margolis, 1964, pp. 873-89, 12 figs.

--, Kabata, 1970, p. 70-1, fig. 83

-- Kabata, 1973, p. 729

--, Kabata, 1974, pp. 1583-1584, plate 1

- Margolis et al 1975: 23

-- Sankurathri et al. 1983: 18.

-- KABATA 1988C:619-, FIG. 4

Caligus clemensi PARKER & MARGOLIS

- , Bell & Margolis, 1976, p. 119, Tbl. 1
- , Kabata & Hewitt, 1971, pp. 1143, 1144
- , Parker, 1968, p. 1942
 etal.
- , CASTRO ROMERO & BAEZA KUROKI 1982: 158, 161.
- , BRESCIANI, 1986: 126, 143 - Tegument
- BEN HESSINE, 1983: 299-300
- FRYER 1978a: 359
- KABATA 1988: 10, 12, FIGS. 5A-F, HOST LIST -
CANADA; 112, FIG. 47A-C

Caligus clemensi Parker & Margolis

card 3

-- Kabata & Hewitt 1971:1144-, hosts Gasterosteus aculeatus, Cymatogaster aggregata

- BRON ET AL. 1991: 202 -

- RAIBAUT 1985: 242, FIG. 5, CYCLE; 259 -

- I. H. KIM 1993: 27-28

Caligus communis Shen, 1957

-- Shen 1957, p. 369, pl. I, n. sp. ♀♂, CHINA,

EX MUGIL CEPHALUS L.

- Margolis, et al 1975: 23

① ✓

Caligus confusus Pillai 1961

Caligus alalongae Kirtisinghe, 1937. p. 435, fig. 1-14

Caligus constrictus, Wilson, 1937. p. 25, pl 3, fig. 3

Caligus constrictus, Shiino 1959 b, p. 285, fig. 9-10

Caligus confusus Pillai 1961. p. 104, fig. 10

C. confusus, Kabata, 1968, pp. 9, fig. 3F

--, Lewis, Dean, & Gilfillan, 1969, p. 426, tbl. 19

--, Pillai, 197?, p. 1580, fig. 44

- Margolis et al, 1975: 23

-- KENSLEY & GRINDLEY 1973: 74-75, FIG. 3a-c,

FROM CARANX DJEDABA, DURBAN, SOUTH AFRICA; p. 122

-- DOTIRI 1989: 363

Caligus confusus Pillai, 1961

card 2

-- Prabha 1983: 53

Caligus constrictus Heller, ♂.

- — Heller, 1865, p. 175: pl. 15, fig. 5.
 — —: B-Smith, 1899, p. 451.
 — —: Wilson, 1905, p. 560 (key).
 — —*: Wilson, 1937, pp. 25-26; pl. 3, figs 3a-e.
 — —*: Shimo, 1959b, pp. 285-290, figs 9-10.

Host, Stromateus sp., Caranx hippos (Linnaeus),

Elagates bipinnulatus (Quoy & Gaimard),

Seriola ? sp.

Indian Ocean

Over

* = Caligus confusus Pillai 1961

Indian Ocean, Panama, Ecuador, Galapagos

—, Causey, 1960, p. 328. From Caranx hippos, Mazatlan, Sinaloa;
+ ~~Apacul~~ Acapulco, Guerrero, Mexico.

--c--, Pillai 1961. pp. 93-96, fig. 4

--, Parker, 1968, p. 365

-- Pillai, 19?, p. 1585, 1586, fig. 58

- Margolis et al 1975: 23-24

- Wilson, 1937: 25-26, pl. 3, fig. 3a-i,

Caligus cordiventris Shiino

1952--- Shiino, Sueso M., pp. 92-95, fig. 6 A-J

- Margolis et al 1975: 24

- SHEN 1957: 370

- BOXSHALL + GURNEY 1980: 171

- I. H. KIM 1995: 310

Caligus cordyla Pillai

-- -- Pillai, 1963. pp. 82-83, fig. 10

-- --, Pillai, 19?, p. 1588, 1589, fig. 65

- Margolis et al 1975:24

- PRABHA 1983:53

✓
Caligus cornutus Heegaard

-- --, Heegaard 1962. pp. 164-165, fig. 92-98

--, Pillai, 1966, p. 130-131 fig. 5

--, Pillai, 19?, p. 1584, fig. 54

- Margolis et al 1975:24

Caligus coryphaenae Stp. & Tütken, ♂, ♀.

? - scutatus Milne Edwards ¹⁸⁴⁰ III, p. 453.

— — Stp. & Tütken, 1861, p. 360: pl. 4, fig. 7.

— — Stössich, 1880, p. 255.

— — Richiardi, 1880, p. 148 (reprint, p. 2).

— — Wella Valle, 1880, p. 58.

— ~~***~~ bengoensis Scott, 1899, p. 130, pl. 14, fig. 19. (juv. ♀)

Host. Coryphaena sp. tow-net, 25 fathoms (Scott).

surface tow-net (Scott): Coryphaena tippurus.

— aliuncus Wilson, 1905, p. 576, pl. 9.

N. Atlantic - Europe.

- — Carus, 1885, p. 358
- *benzoensis* T. Scott, 1899, p. 130: pl. 14, fig. 20. ♂.
- *coryphaenae* B. Smith, 1899, p. 451.
- — Brian, 1899, b, p. 4.
- — Brian, 1908, p. 2.
- — Brian, 1912, p. 7.
- — Wilson, 1905, p. 556 (in key).
- *scutatus* M-Edwards, 1840, p. 453.
- *coryphaenae* Wilson, 1923, p. 5
- — Yamaguti, 1936, p. 5: Pl. 4, figs. 40-54.
(Heegard questions whether this is *C. coryphaenae*)
- — Heegard, 1949, pp. 240-244, figs. 6-10.
- — Kazatchenko & Avdeev, 1977: 30-
- --- Shiino 1963, pp. 336-337 fig. 1

Caligus coryphaenae Steenstrup et Lutken

(2)

--- ---, Shiino 1960. pp. 471-472. Hamazima

-- --, Ho 1963. pp. 82-83 fig. 4,5

-- --, Nunes Ruivo, 1962. pp. 70-71

--- ---. Kabata, 1966, p. 159-161.

-- --, Shiino, 1965, p. 41 8.

-- --, Kabata, 1966, p. 159.

--, Heegaard, 1972, pp. 295-6

--, Parker, 1968, p. 363: jr. syn.

--, Lewis, 1969, p. 5

--, Lewis, Dean, & Gillfillan, 1969, p. 421, fig. 4, tpls. 9, 10, 19

- Capart, 1959: 81, fig. 14a-d

--, Lewis, 1967, pp. 101, 102, 103, 105, 107, 109, figs.
37-39, 1, ~~92~~, 130

Nunes -
-- Ruivo, 1962, p. 4

--, CRESSEY & CRESSEY 1980: 22-23; Figs 40, 41 a-b
102; 128 c-f, 129, 130.

--, Pillai, 19?, p. 1574, fig. 28

-- Margolis et al 1975: 25-26

-- KENSLEY & GRINDLEY 1973: 75-76, FIG. 4a-f, ♂♂

FROM THYNNUS OBESUS & EUTHYNNUS PELAMIS,
CAPE POINT, SOUTH AFRICA; p. 122.

-- Hogans, 1985: 313-314

Caligus coryphaenae Steenstrup & Lütken, 1861

card 3

- Cressey et al. 1983: 230-, hosts
- KABATA 1988: 10, FIGS. 3 G-K, CANADA; HOST
THUNNUS THYNNUS.
- KABATA + HEWITT 1971: 1150
- CRESSEY 1991: 7, FIGS. 77-81
- DOJIRI 1989: 363
- KABATA 1992: 51-, FIG. 10 D-H, SYNONYMY, HOST LIST
- C.L. LIN ET AL. 1994: 253-
- LUQUE + TAKEMOTO 1996: 534

CALIGUS CORYPHAENAE STEENSTRUP + LÜTKEN, 1861 (4)

-- JONES 1988: 400, TAB. 2, NEW ZEALAND

Bassett-Smith, 1898 ✓

Caligus cossacki B-Smith, ♂-♀.

— — B-Smith, 1898, b, p. 85: pl. 4, fig. 3, a-f.

— — B-Smith, 1899, p. 451

— — Wilson, 1905, p. 560 (in key).

— — Heegaard 1943, p. 5, figs. 12 A-C. Madagascar,
on Sparus berda.

Host, Gills of Chrysophrys sarba.

— Margolis et al 1975: 26 Ceylon

Persian Gulf:

— — i, P.G. Rangnekar, 1959, pp. 78-81, fig. a-n. Bombay, skin of Scomberoides tala C.+V.

✓
Caligus costatus Shen & Li

Caligus costatus Shen & Li, 1959,

Tsingtao Harbor, China.

- Margolis et al 1975: 26

Caligus crassus Abildgaard, ♀.

— — Abildgaard, 1794, p. 46; pl. 5, figs. 1-3.

Anthosoma crassum B-Smith, 1899, p. 468.

— — Wilson, 1905, p. 555.

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-39

a synonym of Anthosoma crassum.

(Wilson, 1905, p. 555).

--, Parker, 1969, p. 1020.

— Margolis et al, 1975: 26-27

Caligus cristata Gould, 1841

--, Parker, 1968, p. 364: nom. nud.

- Margolis et al 1975: 27

Caligus crusmae Castro Romero & Baeza Kuroki

-- Castro Romero & Baexa Kuroki 1982: 154-162, Figs.
1-25, n.sp. ♀♂, Chile; host Chromis crusma.

✓
Caligus cunicephalus Gnanamuthu

1950---Gnanamuthu, C.P., pp. 113-114, figs. 1-16.

-- --, Pillai 1963. pp. 77-79, fig. 7

-- --, Pillai, 19?, p. 1591, fig. 73

— Margolis et al 1975:27

Caligus constrictus Heller, ♂.

- — Heller, 1865, p. 175: pl. 15, fig. 5.
 — —: B-Smith, 1899, p. 451.
 — —: Wilson, 1905, p. 560 (key).
 — —*: Wilson, 1937, pp. 25-26; pl. 3, figs 3a-e.
 — —*: Shiino, 1959b, pp. 285-290, figs 9-10.

Host, Stromateus sp., Caranx hippos (Linnaeus),

Elagates bipinnulatus (Quoy & Gaimard),

Seriola ? sp.

Indian Ocean.

over

* = Caligus confusus Pillai 1961

Indian Ocean, Panama, Ecuador, Galapagos

—, Causey, 1960, p. 328. From Caranx hippos, Mazatlan, Sinaloa;
+ ~~Apacal~~ Acapulco, Guerrero, Mexico.

--c--, Pillai 1961. pp. 93-96, fig. 4

--, Parker, 1968, p. 365

-- Pillai, 19?, p. 1585; 1586, fig. 58

- Margolis et al 1975: 23-24

- Wilson, 1937: 25-26, pl. 3, fig. 3a-i,

Caligoida Caligidae ✓

Caligus cordiventris Shiino

1952--- Shiino, Sueo M., pp. 92-95, fig. 6 A-J

- Margolis et al 1975: 24

-- SHEN 1957: 370

-- BOXSHALL + GURNEY 1980: 171

-- I. H. KIM 1995: 310

Caligus cordyla Pillai

-- -- Pillai, 1963. pp. 82-83, fig. 10

-- --, Pillai, 197?, p. 1588, 1589, fig. 65

-- Margolis et al 1975: 24

-- PRABHA 1983: 53

✓
Caligus cornutus Heegaard

-- --, Heegaard 1962. pp. 164-165, fig. 92-98

- , Pillai, 1966, p. 130-131 fig. 5
- , Pillai, 19?, p. 1584, fig. 54
- Margolis et al 1975:24

- — *Carus*, 1885, p. 358
- *benzoensis* T. Scott, 1898, p. 130: pl. 14, fig. 20, ♂.
- *coryphaenae* B-Smith, 1899, p. 451.
- — Brian, 1899, b, p. 4.
- — Brian, 1908, p. 2.
- — Brian, 1912, p. 7.
- — Wilson, 1905, p. 556 (in key).
- *scutatus* M-Edwards, 1840, p. 453.
- *coryphaenae* Wilson, 1923, p. 5
- — Yamaguti 1936, p. 5: Pl. 4, figs. 40-54.
(Heegard questions whether this is *C. coryphaenae*)
- — Heegard, 1949, pp. 240-244, figs. 6-10.
- , Kazatchenko & Avdeev, 1977: 30-
- --- Shiino 1963, pp. 336-337 fig. 1

②

Caligus coryphaenae Steenstrup et Lutken

--- ---, Shiino 1960. pp. 471-472. Hamazima

-- --, Ho 1963. pp. 82-83 fig. 4,5

-- --, Nunes Ruivo, 1962. pp. 70-71

--- --. Kabata, 1966, p. 159-161.

-- --, Shiino, 1965, p. 41 8.

-- --, Kabata, 1966, p. 159.

--, Heegaard, 1972, pp. 295-6

--, Parker, 1968, p. 363: jr. syn.

--, Lewis, 1969, p. 5

--, Lewis, Dean, & Gillfillan, 1969, p. 421, fig. 4, tpls. 9, 10, 19

--- + 1959: 81 fig. 14a-d

--, Lewis, 1967, pp. 101, 102, 103, 105, 107, 109, figs.
37-39, 1, 92, 130

Nunes-

--Ruivo, 1962, p.4

--, CRESSEY & CRESSEY 1980: 22-23; Figs 40, 41a-b
102; 128 c-f, 129, 130.

--, Pillai, 19?, p. 1574, fig. 28

- Margolis et al 1975: 25-26

-- KENSLEY & GRINDLEY 1973: 75-76, FIG. 4a-f, ♂♂

FROM THYNNUS OBESUS & EUTHYNNUS PELAMIS,
CAPE POINT, SOUTH AFRICA; p. 122.

- Hogans, 1985: 313-314

Caligus coryphaenae Steenstrup & Lütken, 1861

card 3

-- Cressey et al. 1983: 230-, hosts

-- KABATA 1988: 10, FIGS. 36-K, CANADA; HOST

THUNNUS THYNNUS.

-- KABATA + HEWITT 1971: 1150

-- CRESSEY 1991: 7, FIGS. 77-81

-- DOJIRI 1989: 363

-- KABATA 1992: 51, FIG. 10 D-H, SYNONYMY, HOST LIST

-- C.L. LIN ET AL. 1994: 253-

-- LUQUE + TAKEMOTO 1996: 534

CALIGUS CORYPHAENAE STEENSTRUP + LÜTKEN, 1861 (4)

-- JONES 1988: 400, TAB. 2, NEW ZEALAND

Bassett-Smith, 1898 ✓

Caligus cossacki B-Smith, ♂-♀.

— — B-Smith, 1898, b, p. 85: pl. 4, fig. 3, a-f.

— — B-Smith, 1899, p. 451

— — Wilson, 1905, p. 560 (in key).

— — Heegaard 1943, p. 5, figs. 12 A-C. Madagascar,

on Sparus berda.

Host, Gills of Chrysophrys sarba.

- Margolis et al 1975: 26

Ceylon

Persian Gulf:

— — i, P.G. Rangnekar, 1959, pp. 78-81, fig. a-n. Bombay, skin of Scomberoides tala C.+V.
+ Murti,

--, Kabata, 1968, p. 8

--, Parker, 1968, p. 365

--, Gurney, 1947, p. 494

--, Pillai, 197?, p. 1594-1595, fig. 81

(= S. epinepheli) see Leong 1984 : 166-168

✓
Caligus costatus Shen & Li

Caligus costatus Shen & Li, 1959,

Tsingtao Harbor, China.

- Margolis et al 1975: 26

Caligus crassus Abildgaard, ♀.

— — Abildgaard, 1794, p. 46; pl. 5, figs. 1-3.

Anthosoma crassum B-Smith, 1899, p. 468.

— — Wilson, 1905, p. 555.

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-39

a synonym of Anthosoma crassum.

(Wilson, 1905, p. 555).

--, Parker, 1969, p. 1020.

— Margolis et al, 1975: 26-27

Caligus cristata Gould, 1841

--, Parker, 1968, p. 364: nom. nud.

- Margolis et al 1975: 27

Caligus crusmae Castro Romero & Baeza Kuroki

-- Castro Romero & Baexa Kuroki 1982: 154-162, Figs.
1-25, n.sp. ♀♂, Chile; host Chromis crusma.

✓
Caligus cunicephalus Gnanamuthu

1950---Gnanamuthu, C.P., pp. 113-114, figs. 1-16.

-- --, Pillai 1963. pp. 77-79, fig. 7

-- --, Pillai, 197?, p. 1591, fig. 73

— Margolis et al 1975:27

Caligus curtus (Müller) ♀♂

Monoculus foliaceus testa foliacea plana - Toinn. 1746. No. 2044.

Monoculus piscinus planiusculus. Toinn, 1746. No. 2045.

Monoculus piscinus testa cordata plana - Toinn. 1767, p. 1057.

— — , Toinn. 1788, vol. 5: part 2: no. 1141: pl. 36, figs. 2, 3.

Host. Outside surface of Gadidae, Trigla,
Mergil, Rhombus maximus; Greenland:
 Iceland: New England: Faroes:
 Norway: Belgium: Atlantic - North Sea.

Monoculus thorace abdomineque ovato, cauda lobata, Fabricius
1775, pt. 10, p. 23: pl. 7, figs. 1 to 7.

Binoculus piscinus oculis marginalibus - Müller, 1776, No. 240

Binoculus piscinus oculis marginalibus - Fabricius, 1780, No. 239.

Tonskeluus - Ström, 1762, vol I, p. 167: pl. I, figs. 4, 5, & 6.

Pediculus pleuronectis + *P. asellus* - Baster, 1765, vol.
2, p. 137: pl. 8, figs. 9 & 10.

Flünderlaus, Berl. Schrift, vol. 3: no. 44: pl. I, figs.
4, 5, and 6.

Monoculus piscinus, etc. Linnaeus, 1761, p. 497.

Caligus curtus - Müller 1785, p. 130: pl. 21, figs. 1 & 2.

— —. Tilesius, 1815, vol. V, pl 8, figs. 1 & 2.

(2)

Caligus curtus. Oken, 1815-16, p. 359

C. mülleri Leach, 1816, p. 405: pl. 20, f. 1-8

— — Desmarest, 1825, p. 342: pl. 50, fig. 4, a-e.

— — Nordmann, 1832, p. 23-♀. 110

C. bicuspidatus Nordmann, 1832, pp. 17, 137-♂: pl. 11, f.

C. curtus Krøyer, 1837, p. 619: pl. 6, fig. 2, a-n.

— — Krøyer, 1838, p. 18. [pls. 3, 4, & 5

C. americanus Pickering and Dana, 1838, p. 65: ^

C. curtus M-Edwards, 1840, p. 451.

C. mülleri M-Edwards, 1840, p. 450

- C - *curtus* W. Thompson, 1847, p. 247
C - *mülleri* Baird, 1850, p. 271: pl. 32, figs. 4 & 5.
C - *diaphanus* Baird, 1850, p. 269: pl. 32, fig. 11 ♂
C - *elegans* van Beneden, 1851, p. 91.
— — van Beneden, 1861, p. 147.
— — van Beneden, 1870, p. 56: pl. 1, fig. 2.
C. *americanus* Dana, 1854, p. 93.
— — M. Edwards, 1840, p. 451.
C - *curtus* Krøyer, 1863, p. 106.
— — Latreille, 1817, III, p. 63; 1829, IV, p. 197.
— — Miers, 1880, p. 71.

Caligus curtus (Müller) ♀ ♂

Caligidae. ✓

Monoculus foliaceus testa foliacea plana - Toinn. 1746. No. 2044.

Monoculus piscinus planiusculus. Toinn, 1746. No. 2045.

Monoculus piscinus testa cordata plana - Toinn. 1767, p. 1057.

— —, Toinn. 1788, vol. 5: part 2: no. 1141: pl. 36, figs. R, 3.

Host. Outside surface of Gadidae, Trigla,
Mergil, Rhombus maximus; Greenland:
Iceland: New England: Færoes:
Norway: Belgium: Atlantic - North Sea.

Monoculus thorace abdomineque ovato, cauda lobata, Fabricius
1775, pt. 10, p. 23: pl. 7, figs. 1 to 7.

Binoculus piscinus oculis marginalibus - Müller, 1776, No. 24.

Binoculus piscinus oculis marginalibus - Fabricius, 1780, No. 239.

Torskeluus - Ström, 1762, vol. I, p. 167: pl. I, figs. 4, 5, & 6.

Pediculus pleuronectis + *P. asellus* - Baster, 1765, vol.
2, p. 137: pl. 8, figs. 9 & 10.

Flünderlaus, Berl. Schrift, vol. 3: no. 44: pl. I, figs.
4, 5, and 6.

Monoculus piscinus, etc. Linnaeus, 1761, p. 497.

Caligus curtus - Müller 1785, p. 130: pl. 21, figs. 1 & 2.
— —. Tilesius, 1815, vol. V, pl. 8, figs. 1 & 2.

- Caligus curtus. Oken, 1815-16, p. 359
- C. mülleri Taschen, 1816, p. 405: pl. 20, f. 1-8
- — Desmarest, 1825, p. 342: pl. 50, fig. 4, a-e.
- — Nordmann, 1832, p. 23 - ♀. 110
- C. bicuspidatus Nordmann, 1832, pp. 17, 137 - ♂: pl. 11, f.
- C. curtus Krøyer, 1837, p. 619: pl. 6, fig. 2, a-n.
- — Krøyer, 1838, p. 18. pls. 3, 4, & 5
- C. americanus Pickering and Dana, 1838, p. 65: ^
- C. curtus M-Edwards, 1840, p. 451.
- C. mülleri M-Edwards, 1840, p. 450

- C. curtus* W. Thompson, 1847, p. 247
C. mülleri Baird, 1850, p. 271: pl. 32, figs. 4+5
C. diaphanus Baird, 1850, p. 269: pl. 32, fig. 1. ♂
C. elegans van Beneden, 1851, p. 91.
— — van Beneden, 1861, p. 147.
— — van Beneden, 1870, p. 56: pl. 1, fig. 2.
C. americanus Dana, 1854, p. 93.
— — M. Edwards, 1840, p. 451.
C. curtus Krøyer, 1863, p. 106.
— — Latreille, 1817, III, p. 63: 1829, IV, p. 197.
— — Miers, 1880, p. 71.

(3)

Caligidae.

- - . Smith, 1873, p. 459, 575.
- - . R. Rathbun, 1884, p. 486.
- - . Steenstrup & Tütken, 1861, p. 353.
- - . Olsson, 1869, p. 6; Norman, 1869, p. 300
- - . Brian, 1898, p. 10; pl. I, fig. 2 - 1899, p. 4.
- - . Bassett-Smith, 1899, p. 447; 1896, b, p. 157.
- - . T. Scott, 1900, p. 148; pl. V, figs. 8-12.
- - . A. Scott, 1904, p. 118; 1904, p. 38.
- - . Wilson, 1905, p. 578; pl. X, 3 text figures.
- - . M. J. Rathbun, 1905, p. 90.
- - . Stephensen, 1913, p. 345.

— Pearson, 1906, p. 24.

— Fowler, 1912, p. 480

— Brian, 1914, p. 2.

— Norman & Brady, 1909, p. 155.

— Rathke, 1840, p. 98; Scourfield, 1903, p. 540

— T. Scott, 1906, b, p. 271.

Risculus molvae Leach, 1818, p. 536 (♂).

Caligus mülleri Leach, 1818, p. 536.

— Johnston, 1824, p. 292; pl. 7, fig. 12 (♀), 13 (♂)

— Krøyer, 1837, p. 201; White, 1850, p. 118.

— White, 1857, p. 313; Dana, 1853, p. 1352.

— B. Smith, 1896, b, p. 157.

— Wilson, 1920, p. 122.

— — Timm, 1894, p. 396.

— — Hausen, 1923, p. 28

— — Thompson, 1893, p. 212: pl. 27, f. 3.

— — Wilson, 1932, p. 399: fig. 245.

— — Pesta, 1934, p. 18: figs. 9-10

--- ---, Heegaard, 1943, p. 8.

---, Izawa, 1969, p. 153

---, Kabata, 1972, p. 1591

---, Parker, 1968, p. 366

- , Kabata, 1970, figs. 22, 23
- , John and Nair, 1973, p. 26
- , Stephensen, 1940, p. 3

Caligus curtus Muller, 1785

- , Parker, 1969, pp. 1014-1035.
- , Heegaard, 1959, p. 233, fig. 2.
- , Polianskii, 1955, p. 91-
- , Gurney, 1947, p. 495
- , Kabata, 1974, pp. 1583-1584, plate 1
- , Argilas, 1930, p. 100
- , Carvalho, 1956, p. ;7
- , Boer, 1970-2, pp. 9, 10, tbl. 1
- , Lewis, 1969, p. 67
- , Kabata & Hewitt, 1971, p. 1144-1151, figs, 1-10
- , Parmer, et al., 1968^{pp. 923} - 1969, fig. 1-108.
- , Pillai, 197?, p. 1588, fig. 62

Margolis et al, 1975: 7-10

-- DO ET AL. 1984: 23

-- BERLANZ + MARGOLIS 1983: 284, FIG. 3 —

POSSIBLY = "FISKE-LUUS" OF STRØM, 1762.

-- KOGA 1973: 35

-- KOGA 1984b: 109, FIG. 3-1-2, NAUPLII; FIGS. 4-9,
5-9, 6-9; 123; FIG. 61(27)-NAUPLIUS

-- BRUNEL 1964: 43, TAB. I - GULF OF ST. LAWRENCE-
host GADUS MORHUA L.

— Dojiri, 1983: 61-67, fig. 1-10

-- BRESCIANI, 1986: 126, 143 - tegument

CALIGUS CURTUS MÜLLER, 1785 CARD 6

- FRYER 1982: 10, = C. MULLERI OF BAIRD (1850)
- , BEN HASSINE, 1983: 83, CALIGUS CURTUS
OF BRIAN, 1906 IS A SYNONYM OF CALIGUS
MUGILIS BRIAN, 1935: 299
- BRESCIANI + LÜTZEN 1961: 357
- CABRAL + RAIBAUT 1986: 127
- KABATA 1988: 12, FIGS. 4A-G, HOST LIST
- P.J. WHITFIELD ET AL. 1988: 584-
- CHANDRAN + NAIR 1988: 633

Caligus curtus Müller, 1785

card 7

--Tilesius 1815:331-, Kamchatka

-- KABATA & HEWITT 1971:114 47, FIG. 1

-- CROGSTON 1965:11-

-- KABATA 1992:46-, FIG. 8A-G, SYNONYMY, HOST RECORDS

-- BOXSHALL & GURNEY 1980:171

-- KAZACHENKO 1994:27, FIG. 1 B-V

-- LUQUE & TAKEMOTO 1996:534

-- I. H. KIM 1993:27-28

Caligus cybii Bassett-Smith, ♀. ✓

-- B-Smith, 1898, a, p. 6: pl. 2, fig. 3.

-- B-Smith, 1899, p. 452.

-- Wilson, 1905, p. 558 (in key).

--, Parker, 1968, p. 365

Host. Gill cavity of Cybinum lineolatum.

— Margolis et al 1975: 27

Bombay

--, CRESSEY & CRESSEY 1980: 31-32; Figs. 60-63,

104.

--, Pillai, 19?, p. 1578, fig. 38

-- CRESSEY ET AL. 1983: 233-, HOSTS

-- PRABHA 1983: 49-

Caligus dakari, Van Beneden, ♀.

Caligidae. ✓

— —, Beneden, 1892, p. 243, pl. I, figs. 1-4.

dakari, B. Smith, 1899, p. 450 -

— —, Thompson & Scott, 1903, p. 293

— — Wilson, 1905, p. 561 (key).

--, Parker, 1968, p. 364

Host. Mouth of Arius venosus, Ceylon.

--, Pillai, 19⁰?, p. 1586, fig. 61

-Margolis et al 1975:27

Caligus dasyaticus M.P. Rangnekar, 1957 ①

--- M.P. Rangnekar, 1957 (J. Univ. Bombay, sect. B, ^{Text-fig. 1} 25 (5) 16-~~20~~¹⁸)

Body surface of Dasyaticus uarnac (Forsk.), Bombay.

2 ♀♀ w/ egg strings.

--- --, Shiino 1960. pp. 473-476, fig. 2

---- Kabata, 1966, p. 563.

---, Kabata, 1968, p. 3

---, Pillai, 1968, p. 9-11, fig. 1

---, Pillai, 19?, p. 1581 & 1583, fig. 49

- Margolis et al 1975: 28

Caligus diaphanus von Nordmann, 1832

card 4

-- Kabata 1992: 54^r, Fig. 11A-D, synonymy, host list

-- C. L. LIN ET AL. 1994: 263-264

-- SOMDAL + SCHRAM 1992: 29

CALIGUS DICENTRARCHI CABRAL + RAIBAUT, 1986

-- CABRAL + RAIBAUT 1986: 123-130, FIGS. 1-27, n. sp.

♀♂, HOST DICENTRARCHUS LABRAX, MEDITERRANEAN

-- CABRAL ET AL. 1984: 190, MENTION.

Caligidae - Caligoida. ✓

Caligus dieuzeidei Brian, ♀ ♂

— Brian, 1933, p. 4: pl. univ., figs. 1-20.

--, 47, 48-57, fig. 21-28, Tbl. 1

— Margolis et al 1975: 30

-- CARLI & BRUZZONE 1973b: 130

- C. L. LIN ET AL. 1994: 259

Host: On Diplopodus sargus, Algeria

CALIGUS DISTORTUS PILLAI & NATARAJAN, 1977

- KABATA 1988c: 419, FIG. 2

- DOJIRI 1989: 367 -

Caligus djedabae Rangnekar ✓

1956.---Rangnekar, pp. 42-45, 1 pl.

-- --, Pillai 1961. p. 96, fig. 5

-- --, Pillai, 19?, p. 1585, fig. 56

— Margolis et al 1975: 30-31

- DIEDABAE, HAMEED & PILLAI 1973a: 117, 118

- KENSLEY & GRINDLEY 1973: 81

Caligus dubius T. Scott, ♀♂

— — T. Scott, 1894⁹, p. 130: pl. 14, fig. 22.

— — B. Smilk, 1899, p. 450.

— — Wilson, 1905, p. 557 (key).

— — Weigh-Sharpe, 1934, p. 19: figs. 17-18. ♂

— —, Parker, 1968, p. 365

Host, Surface tow-net.

— Margolis et al 1975: 31

● Gulf of Guinea.

— — BOXSHALL + GURNEY 1980: 161-166, FIGS. 1-4; REDESCRIPTION:

✓
Caligus dussumieri M. P. Rangnekar

- — M. P. Rangnekar, 1957 (J. Univ. Bombay, sect. B, ¹⁸⁻²²25(5): ~~16-22~~)
Text-fig. 2. Inside operculum of Dussumieria acuta Day,
Bombay. 1♀.
- Margolis et al 1975: 31

Caligus elegans van Beneden ♀

-- --, van Beneden, 1851, p. 91.

-- --, van Beneden, 1861, p. 147.

-- --, van Beneden, 1870, p. 56: pl. 1, fig. 2.

-- curtus Wilson, 1905, p. 555.

A synonym of Caligus curtus

-- --, Parker, 1968, p. 363: jr. syn.

-- Margolis et al 1975: 31

--, Beneden & Bessels, 1868?, p. 43

Caligus eleutheronemi Shen, 1957 ✓

— Shen, 1957, p. 372, pl. VI, ~~figs. 1-8.~~

N. SP. ♀ ONLY, EX ELEUTHERONEMUS TETRADACTYLUM, CHINA

— Margolis et al 1975: 31

— Leong, 1984: 163-166, figs. 1-8.

Caligus elongatus Nordmann, ♀

①

— — Nordmann, 1832, p. 24: pl. 11, figs. 11-13.

— — Krøyer, 1837, p. 201

— — M. Edwards, 1840, p. 454.

— — ^{varus} B. Smith, 1899, p. 448.

— — Wilson, 1905, p. 555.

— — Hewitt, 1971, p. 145

A synonym of Caligus rapax.

— — Hewitt, 1971, p. 163

— Margolis et al, 1975: 31

--, Parker, 1968, p. 365

--, Kabata, 1973, p. 1793-97, fig. 1.

--, Parker, 1969, pp. 1013-1035, figs. 1-22.

-many misidentified C. rapax=C. elongatus-

-- CASTRO ROMERO + BAEZA KUROKI 1982: 158, 161.

-- BERLAND + MARGOLIS 1983: 284, FIG. 3:
POSSIBLY = "FISKE-LUUS" OF STRÖM, 1762.

-- CABRAL + RAIBAUT 1986: 123, HOST

DICENTRARCHUS LABRAX

-- FRYER 1982: 10, = C. RAPAX OF BAIRD

-- SCHRAM + HAUG 1988: 225

Caligus elongatus von Nordmann, 1832

card 2

- Kabata 1992: 56-, Fig. 11E-J, synonymy, host list
- WEATHERBY ET AL. 1994: 682
- JONDAL + SCHRAM 1992: 25-, FIG. 2, EX SCOMBER
SCOMBRUS, NE ATLANTIC
- HOGANS, DADSWELL ET AL. 1993: 942-, TAB. 1, EX
ALOSA SAPIDISSIMA, CUMBERLAND BASIN (CANADA), HUDSON
RIVER (USA)
- BOXSHALL + GURNEY 1980: 165-166
- JONES 1988: 401, NEW ZEALAND

Caligus elongatus Heegaard

— —, Heegaard 1943, p. 11, figs. 21-31, ♀, imm.♂,
host not mentioned, Cape-line ship.

--, Parker, 1969, p. 1026. not a syn. of
C. elongatus

--, Parker & Margolis, 1967, p. 93

— Margolis et al 1975: 32,

Caligus elongatus (Milne Edwards, 1840)

--, Kabata, 1970, p. 69 (syn: C. rapax)

- KABATA 1988: 10, FIGS. 3A-F; MOST RECORDS

- KABATA 1988C: 421, FIG. 5

- DOJIRI 1989: 363 (SYN. C. RAPAX EDWARDS, 1840)

Caligus engraulidis Barnard, 1948

-- Kensley & Grindley 1973: 122

- DOJIRI 1989: 363, 367

Caligidae ✓

Caligus enormis Wilson J.F. ①

---, Wilson, 1913, p. 217: pl. 31

---, LEWIS, 1967: 91

---, Ho & Bashirullah, 1977, p. 703, 312

--- Margolis et al 1975: 32

--- KABATA & TAREEN 1984: 62.

Host, Gills of Sparisoma viride.

--- PRABHA & PILLAI 1983: 8, IN SUBGENUS

MYTACALIGUS

West Indies.

Caligus enormis C.B. Wilson, 1913

card 2

-- Dojiri & Cressey, 1991: 604-

Caligus epidemicus HEWITT, 1971

—, Hewitt, 1971, p. 145-163, Fig 1-72

— Margolis et al 1975: 32

-- RUANGRAN & KABATA 1984: 219-220, on
PENAEUS MONODON FABRICIUS.

- KABATA 1988c: 619, FIG. 2

- ROUBAL 1990: 413, on ACANTHOPAGRUS AUSTRALIS,
NEW SOUTH WALES

- C. L. LIN ET AL. 1994: 253-

- BOXSHALL & GURNEY 1980: 171

CALIGUS DASYATICUS RANGNEKAR, 1957

CARD 2

- - BOXSHALL & GURNEY 1980:171

Caligus debueni Stuardo et Fagetti

— Stuardo & Fagetti, 1960: 199

--- --- Stuardo et Fagetti 1961, pp. 60-65 pl. 1-2

--, Kabata, Z., and J. Ho, 1981, p. 386

- Margolis et al 1975: 28

-- Castro Romero & Baeza Kuroki 1982: 154

-- ~~BOXSHALL & GURNAY 19~~

-- CASTRO R. & BAEZA K. 1982: 3

378

Brian, 1924, p. 17: text-figs. 13-14.

Gurney, 1927f, p. 482: fig. 121, A-B.

--, Brian, 1924, p. 378, fig. 13, 14

- Margolis et al 1975: 28

- CARLI & BRUZZONE 1973b: 130

Host. Pectoral fin Cantharus lineatus -

In plankton. Suez Canal.

Mauritania -

Caligus dentatus, Gadd - ♂, ♀.

Caligidae. ✓

---. Gadd, 1906, p. 1-9: 9 text figs.

--, Heegaard, 1962, p. ~~59~~ 160, figs. 62-67

- Margolis et al 1975: 28

Host, Found on Carp in the Caspian Sea.

Caligus dentatus ~~Heegaard~~

(→ add)

-- --, Heegaard 1962. p. 160, fig. 62057

--, LEWIS, 1967: 124

- Margolis et al 1975: 28

Caligus diaphanus Nordmann, ♀ Caligoidea ✓

- — Nordmann, 1832, p. 26: pl. 11, f. 15-16.
- — Krøyer, 1837, p. 623: pl. 6, f. 5, a-h, ♀.
- — Krøyer, 1838, p. 15: pl. 1, f. 3, ♂.
- — M-Edwards, 1840, p. 452.

Host: Trigla pini; Pagellus centrodontus;
Scomber scomber; Caranx trachurus.

— Margolis et al 1975: 28 — 30

Europe.

- -- Rathke, 1843, p. 102; W. Thompson, 1847, p. 247.
-- -- White, 1850, p. 119; 1857, p. 313.
-- -- P.J. v. Beneden, 1861, p. 148; Olsson, 1869, p. 10.
-- -- Krøyer, 1863, p. 79; pl. 7, f. 5, a-e.
-- -- Heller, 1866, p. 752; Richiardi, 1880, p. 148.
-- -- P.J. v. Beneden, 1870, p. 30; Valle, 1880, p. 58.
-- -- Carus, 1885, p. 357.
C- isonyx T. Scott, 1894, p. 310.
C- diaphanus Thompson & Scott, 1903, p. 293.
-- --, CRESSEY & CRESSEY 1980: 34-35; Figs. 70-72.
-- -- KABATA 1988c: 618-, FIG 2

Caligus diaphanus Baird, ♂.

— Baird, 1850, p. 269: pl. 32, fig. 1, ♂.

— Steenstrup & Lütken, 1861, p. 353.

curtus B. Smith, 1899, p. 447: Wilson, 1905, p. 555.

A synonym of Caligus curtus.

--, Parker, 1969, p. 1020. (no author given)

--, Boer, 1970-2, pp.⁴ 9, 10, tbl. 1

C. diaphanus (2).

- — B. Smith, 1896, b, p. 156: 1899, p. 452.
- — T. Scott, 1900, p. 149: pl. 5, figs. 20-25.
- — Baird, 1850, p. 269: pl. 32, fig. 1.
- — Krøyer, 1841, pp. 197 & 258:
- — A. Scott, 1904^b, p. 118: 1904^a, p. 38
- — Brian, 1899, c, p. 198.
- — Pearson, 1906, p. 25
- — Wilson, 1905, p. 556 (key).
- — T. & A. Scott, 1913, p. 60: pl. 18, f. 6, 7: pl. 48, f. 7.
- — Thompson & Scott, 1900, p. 143.
- — T. Scott, 1906, b, p. 367.

- — Brian, 1924, p. 15.
— — Gurney, 1934, p. 191: fig. 17.
— —, Krishnaswamy, 1960. pp. 689-691
--, Parker, 1968, p. 365
--, Parker, 1965, p. 94
--, Vaissiere, 1961, p. 72-3, fig. 29
--, Parker, 1969, p. 1020. (no author mentioned)
--, Beneden & Bessels, 1868?, p. 43-
--, Brian, 1924, p. 376
— —, Parker et al., 1968, p. 1942
— —, Pillai, 19?, p. 1586, fig. 60
— Tempere, 1898: 167, pl. 21, fig. 10

CALIGUS DIAPHANUS

- ACLOQUE, 1899: 198

- SPROSTON 1942: 451

- KOGA 1984b: 109, FIGS. 3-5-6, NAUPLII

- DELAMARE DEBOUTTEVILLE & NUNES-RUIVO 1958:

220, FIG. 4a-f, ON TRIGLA LINEATA & T. LUCERNA,

BANYULS, FRANCE; ? C. D. OF MONOD (1923) =

C. PAGELLI N.SP.

- KABATA & HEWITT 1971: 1143 -

- CRESSEY 1991: 9, NO C. ISONYX NOT A SYNONYM.

Caligidae - Caligoidae

Caligus epinepheli^a Yamaguti ♀, 1936

— — Yamaguti, 1936, p. 4: pl. 3, figs. 27-39

-- --. Pillai 1963. pp. 75-78, fig. 5

-- --, Kabata, 1965, p. 112.

--, Kabata, 1968, p. 8

--, Rangnekar & Murti, 1964, p. 87-9, fig pl. 2

Host. Gills. Epinephalus septemfasciatus (Thunberg)

--, Yamaguti & Yamasu, 1959, p. 116

Japan.

--, Pillai, 19?, p. 1590, fig. 69

- Margolis et al 1975: 32
- Leong, 1984: 166-168, figs. 9-15 (= C. rossacki)
- - ROUBAL 1990: 413-, ON ACANTHOPAGRUS AUSTRALIS,
NEW SOUTH WALES
- - CRESSEY 1991: 7-8, FIGS. & 14-220, "QUEENFISH,"
JAMAICA; 13
- EPINEPHELI, DOJIRI + CRESSEY 1991: 604-

Caligus euthynus Turian

—, Pillai, 19?, p. 1574, fig. 29

— Margolis et al 1975: 33

Caligidae - Caligocidae

Caligus eventilis Leigh-Sharpe, ♀

— — Leigh-Sharpe, 1934, p. 21; fig. 19.

— Margolis et al 1975: 33

— BOXSHALL & GURNEY 1980: 173, TAB. 1

Host A black Pomacentrid fish -
Salomakie Island.

Caligus gallax Krøyer, ♀.

— — Krøyer, 1863, p. 92: pl. 17, fig. 3, a-i.

— — Olsson, 1869, p. 7.

— — B-Smitk, 1899, p. 451.

— — Wilson, 1905, p. 556 (key).

--, Parker, 1968, p. 363: jr. syn.

Host. Common Cod.

— Margolis et al 1975: 33

Atlantic.

Caligus fissus Richiardi, ♂.

— — Richiardi, 1880, p. 148 (nomen nudum)

— — Brian, 1898, p. 11: pl. 1, fig. 3.

— — Wilson, 1905, p. 556.

— — (= C. ligusticus) Brian, 1906, p. 41: pl. 15, figs. 1-8

--, Parker, 1968, p. 364: nom. nud.

Host. Gills of Box salpa

- Margolis et al 1975: 33

Genoa.

Caligidae - Caligoida ✓

Caligus fistulariae Yamaguti ♀

— — Yamaguti, 1936, p. 3: pl. 2, figs. 14-26

-- -- Shiino, 1964, p. 243-249.

- Margolis et al 1975: 33-34

-- Boxshall & Gurney 1980: 177, TAB. 1

Host. Mouth of Fistularia petimba Lacépède
Japan

✓
Caligus flexispina Lewis

-- --, Lewis 1964. pp. 149-156, fig. 4-5

--, Lewis, 1967, pp. 169, 170

- Margolis et al 1975:34

-- BOXSHALL + GURNEY 1980:172, TAB.1

Pseudopetalus

Caligidae ✓

Caligus formicoides Redkar, Rangnekar and Murti

--- 1949. Redkar, M.V., P.G. Rangnekar and N.N. Murti
pp. 36-39, figs. 1-11. Gills of Dussumieria
acuta Cuv.+Val. 8♀, 3♂ Bombay

Parapetalus — Rangnekar & Murti, 1950, p. 44-51, fig. 1-12

Pseudopetalus — Pillai, 1962, p. 297, fig. 5

— Margolis et al 1975: 34

Caligus fortis sp.nov.

-- --, Kabata, 1965, p. 114.

--, Ho & Bashirullah, 1977, p. 712

--, Parker, 1968, p. 1942

— Margolis et al 1975: 34

-- PRABHA 1983: 53

Caligus fronsuganinus Shen

-- Fryer 1978a:356-357, fig. 9b

-- KUANG 1991: 343, 345, 348, YUNNAN PROVINCE, CHINA

-- SHEN 1957: 351, 369

Caligus fugu Yamaguti & Yamasu, 1959

n. sp. Yamaguti & Yamasu, 1959, p. 114-6, pl. VII,
figs. 136-147

- Margolis et al 1975:34.

- CRESSY 1991:13

- DOJIRI & CRESSY 1991: 604-

Caligus fulvipurpureus Shiino ✓

1954---Shiino, Sueo M., pp. 150-153, 1 text-fig.

Host: Cololabis saira (Brevoort)

- Margolis et al 1975: 34

- CRESSEY ET AL. 1983: 231, SYN. OF C.

MACARONI

- NAGASAWA 1984b: 38-

Caligus furcisetifer Redkar, Rangnekar and Murti

--- 1949. Redkar, M.V., P.G. Rangnekar and N.N. Murti
pp. 40-43, figs. 12-24. Body of hammerhead shark,
Sphyrna blochii Cuv. Bombay.

--, Pillai, 19?, p. 1592, fig. 77

- Margolis et al 1975:34

- BOXSHALL + GURNEY 1980:171

Caligus gayi, Nicolet. ♀ Caligidae. ①

— — . Gay, 1849, pl. III (Crustaceos)
fig. 12.

— — Wilson, 1905, p. 556, 557.

C. gayi Gay, 1849, Parker, 1968, p. 364: nom. nud.

Host. ? An undetermined Fish (Gerstaecker, p. 771)

— Margolis et al 1975: 34

Caligus gayi Nicolet

card 2

-- Castro Romero & Baeza Kuroki 1982: 154.

-- BAEZA K. + CASTRO R. 1982:3

aligus germoi Pearse - see C. chorinemi

Caligus glacialis. Gadd. ♂, ♀.

Caligidae.

— —, Gadd, 1910, p. 1 - plate No. 6.

— Margolis et al 1975: 35

Host.

Europe.

✓
Caligus glandifer Shiino, 1954

1954---Shiino, Sueo M., pp. 154-156, 1 text-fig.

Host: Zenopsis nebulosa (T. & S.)

- HAMEED & PILLAI, 1973a: 117

- Margolis et al 1975: 35

- KABATA & TURFEN 1984: 62

- C. L. LIN ET AL. 1994: 259

Caligidae. ✓

Caligus gracilis, Dana. ♀.

— — . Dana. 1852^b. p. 1356. pl. XCIV, fig. 5.

a-d.

— — . Dana. 1849, p. 56.

[This is not the same as Beneden's C. gracilis as
is evident from Dana's diagnosis.]

—, Parker, 1968, p. 364: nom. nud.

Host, Body of Serranus, Rio. Janeiro.

— Margolis et al 1975: 35

— LUQUE + TAKEMOTO, 1996: 534

-- Wilson, 1905, p. 557 (key).

Caligidae. Caligoida. ✓

Caligus gracilis van Beneden, P.J., ♀.

— P.J. van Beneden, 1851, a, p. 90: pl. 2, f. 1-7.

—, Parker, 1968, p. 363: transferred by Carus, 1885

A synonym of Lepeophtheirus thompsoni.

(Wilson, 1905, p. 555).

—, Beneden & Bessels, 1868?, p. 43-

— Margolis et al 1975: 35

✓
Caligus grandiabdominalis Yamaguti

1954---Yamaguti, S., pp. 381-383, pl. III, figs. 22-25.

Gill of Caesio kuning (Cuv. + Valenciennes).

--, Ho & Bashirullah, 1977, p. 713

- Margolis et al 1975: 35

- PRABHA + PILLAI 1983: 8

Caligidae - Caligocida ✓

Caligus guerini Guart, ♀

— — Guart, 1913, p. 5: text-fig. 2

- Margolis et al 1975: 35-

Host.

Bay of Concarneau.

Caligus gurnardi, Kröyer, ♀. ♂.

- , Kröyer, 1863, p. 76; pl. II, fig. 3a-g.
 —, Brian, 1898, p. 11; pl. I, figs. 1 + 1a.
 —, Bassett-Smith, 1899, p. 448.
 —, Olsson, 1869, p. 8 (= synonym for C. rapax)
 — Margolis et al 1975: 36

Host. Trigla gurnardus,
Clupea finta

British Seas.

- —, A. Scott, 1904, p. 118 (38).
— —, Gadd, 1904, p. 18.
— —, B. Smith, 1896, b, p. 157.
— —, Wilson, 1905, p. 556 (key).
— —, Thompson & Scott, 1900, p. 143.
— —, Wilson, 1908, p. 439.
— —, Fraser, 1920, p. 49.
— —, Pesta, 1934, p. 21: fig. 13.
— —, Heegaard, 1943, p. 5
— —, Parker, 1968, p. 365
— —, Parker, & Margolis, 1964, p. 874: Fraser, 1920
? = C. clemensi

Caligus gurnardi Kroyer, 1863

card 2

--, Parker, 1965, pp. 93-103, 10 figs.; syn. C. nanus not C. gurnardi of Wilson, 1908 & Fraser, 1919.

--, Parker, 1969, pp. 1024, 1026, 1030. partim syn. of C. elongatus.

--, Boer, 1970-2, tbl. 1

--, Parker & Margolis, 1967, p. 93, 92

-- Parker et al., 1968, p. 1942

-- CASTRO ROMERO & BAEZA KUROKI 1982: 158, 160-161.

-- KABATA 1988c: 618, FIG. 3

-- SHIH ET AL. 1971: 157, CANADA-PACIFIC, = C. sp.

Caligus gurnardi Krøyer, 1863

card 3

-- Kabata 1992: 57-, Fig. 12A-D, synonymy, host list

Caligidae. ✓

Caligus haemulonis Kröyer ♀, ♂.

- —. Kröyer, 1863, p. 48: pl. 4, fig. 3 a-d.
- —. B-Smidt, 1899, p. 448.
- —. Wilson, 1913, p. 208.
- —. Wilson, 1905, p. 606: pl. 15, figs. 180-183.

Host. Gills of Haemulon sciurus.

— Margolis et al 1975: 36 West Indies.

-- Wilson, 1908, a, p. 594: p. 49, 8, 1-14

-- --, Causey, 1955, pp. 2-19.. Gulf of Mexico

-- --, Causey, 1960, p. 328. Veracruz, Mexico, probably from Bagre, marinus.

--, Parker, 1968, p. 364

-- CRESSEY, R. & NUTTER 1987: 600-601, HOST
RECORDS— LOUISIANA

-- CRESSEY 1991: 8, FIGS. 82-91, NEW RECORDS, FLORIDA,
BELIZE; NEW SYNONYMS C. SCIAENOPS PEARSE,
C. SETOSUS PEARSE; 11, 13, 16

-- DOJIRI & CRESSEY 1991: 604

-- LUQUE & TAKEMOTO, 1996: 535-539, FIGS. 16-32, BRAZIL,
HOSTS ORTHOPRISTIS RUBER AND... Bio

= C. HAEMULONIS

Caligoida Caligidae ✓

Caligus sciaenops Pearse

1952--- Pearse, A.S., pp. 18-19, figs. 49-59.

-- -- , Causey, 1955, pp. 2-19. Gulf of Mexico

- Margolis et al 1975: 74

- CRESSY 1991: 8, = C. HAEMULONIS, NEW SYN.

CALIGUS HAMATUS HEEGAARD ✓

— — HEEGAARD, 1955, P. 41, 44, F. 1-7. — W. AFRICA.

— Margolis et al, 1975: 37

HAB: BONNY RIVER W. AFRICA

Caligus hamruri Pillai, 1964

- n. sp., Pillai, 1964, p. 61-3, fig. 1-13
- —, Pillai, 197?, p. 1575, fig. 32
- Margolis et al 1975: 37
- Boxshall + Gurney 1980: 172, TAB. 1

CALIGUS HECKELII - SEE ANURETES

CALIGUS HEMICONIATI CAPART

-- BOXSHALL + GURNEY 1980: 171

Caligus heptapus Otto, ♀.

-- Otto, 1821, p. 15

A synonym of Dinematura producta.

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-9

--, Parker, 1969, p. 1020.

- Margolis et al 1975: 37

aligus hilsae Shen, 1957

- Shen 1957: 372-373, Pl. VII, n. sp. female only, ex

Hilsa reevesii, Saw-wei, Kwangtung Province, China

- Pillai & Mohan 1967: 45-50, figs. 1-19

- Pillai 19? : 1584, fig. 52

- Margolis et al. 1975: 37

- Ho & Basirullah 1977: 703, 713

- Prabha & Pillai 1983: 8

Caligus hippoglossi Krøyer, ♂.♀.

— — Krøyer, 1837, p. 625: pl. 6, fig. 3, A, B, a—g.

— — Krøyer, 1838, p. 18.

Lepeophtheirus — B-Smitk, 1899, p. 454.

— — Wilson, 1905, p. 555.

--, Parker, 1968, p. 362: transferred by Baird, 1850

A synonym of Lepeophtheirus hippoglossi.

— Margolis et al 1975: 37-38

Caligidae - Caligoida

CALIGUS

Parapetalus hirsutus (Bassett-Smith) ♀

(1)

Caligus — B-Smith, 1898, a, p. 6: pl. 3, figs. 1-2

— B-Smith, 1899, p. 450 —

— Wilson, 1905, p. 558 (in key).

Parapetalus — Wilson, 1912, p. 299: pl. 33, figs. 28-35.

—, HAMEED & PILLAI, 1973a: 114, 118

Host, Gills of Polynemus tetradactylus. Java.

—, Pillai, 19?, p. 1596-1597, fig. 87

— Leone, 1985: 42-47, figs. 1-21 Malaysia

-- --. Pillai 1962. pp. 288-290, fig. 1

-- PRABHA + PILLAI 1983: 20, TRANSFERRED TO CALIGUS

P.-, SHEN 1958: 143 -

-- PRABHA 1983: 53, TRANSFERRED TO CALIGUS;

or P.-, p. 67 FIG. 9

Caligus hirsutus B-Smith, ♂.♀.

— — B-Smith, 1898, a, p. 6: pl. 3, figs. 1-2.

— — B-Smith, 1899, p. 450.

— — Wilson, 1905, p. 558 (in key).

— Shen, 1957, p. 373, pl. VIII

--, Parker, 1968, p. 363: transferred by Wilson, 1912

Host. Gills of Polynemus tetradactylus.

— SHEN 1957: 373, CHINA, HOST E. TETRADACTYLUM

— Margolis et al 1975: 38 Bombay

Caligus hobsoni Cressey & Patterson

--, Cressey & Patterson, 1973, n. sp. , p.431-434,
figs. 1-17, tbl. 1

- Margolis et al, 1975: 38

Caligus hoplognathi Yamaguti & Yamasu, 1959, p. 116

. sp. Yamaguti & Yamasu, 1959, p. 116-118, pl.
VIII, figs. 153-164

- Margolis et al 1975:38

Caligus hottentotus Barnard

1957-- Barnard, K.H. Ann. Mag. Nat. Hist. Ser. 12,
vol. X, part 1, p. 11 fig. 7

on Pachymetron blochi

- Margolis et al 1975: 38

- KENSLEY & GRINDLEY 1973: 122

- DOJIRI 1989: 363

- BOXSHALL & GURNEY 1980: 178

Caligus hyalinae Heegaard, 1966

n. sp., Heegaard, 1966, pp. 187-191, figs. 1-8, TEXAS
(PLANKTON)

- Margolis et al 1975: 38

Caligus hyalinus Czerniarski, ♀

— — Czerniarski, 1868, p. 56: pl. 8, figs. 45-46.

—, Parker, 1968, p. 366

— Margolis et al 1975: 39

Host. Free among algae.

Russia -

Caligus imbricatus Risso, ♀.

-- Risso, 1816, p. 162: pl. 3, fig. 13.

A synonym of Anthosoma crassum.
(Wilson, 1905, p. 555).

--, Parker, 1968, p. 362: transferred by Desmarest, 1825

--, Parker, 1969, p. 1020.

-- Margolis et al, 1975: 39

✓
Caligus indicus Pillai

-- -- Pillai 1961. pp. 102-103, fig. 9

-- --, Pillai, 19?, p. 1578-1579, fig. 39

-- Margolis et al 1975: ~~38~~ 39

Caligidae ✓

Caligus infestans Heller ♀, ♂.

--- Heller, 1865, p. 167: pl. 14, figs. 3-4.

--- B-Smitk, 1898, c, p. 360.

--- B-Smitk, 1899, p. 451

--- Wilson, 1905, p. 557 (key).

--- Nunes-Ruivo 1956, pp. 70-71, figs. 1. Madagascar.

Host. Gills of Scomber sp. Cybinum courmerso-
ni -

-Mergolis et al 1975: 39

Indian Ocean.

-- --, Kabata, 1965, p. 119.

--, Parker, 1968, p. 365

--, CRESSEY & CRESSEY 1980: 33-34; Figs. 67-69, 104

--, Pillai, 19?, p. 1586, fig. 59

-- CRESSEY ET AL. 1983: 233-, HOSTS

Caligus irritans Heller ♂♀. ①

— —, Heller, 1865, p. 177: pl. 15, figs. 7-8.

— —, B-Smith, 1899, p. 452

— —, Wilson, 1913, p. 210: pl. 27: pl. 25, f. 62.

— —, Wilson, 1905, p. 556 (key).

— —, Parker, 1968, p. 365

Host. Gills of Serranus sexfasciatus, Brazil

" " Caranx sp. East Indies.

" " Neomal nis aya, West Indies.

— Margolis et al 1975: 39-40

PALIGUS IRRITANS HELLER, 1865

2

- LUQUE Y TAKEMOTO, 1996:534

Caligus isonyx Steenstrup & Tütken ♀

— — —, Stp. & Ttk., 1861, p. 358: pl. 3, fig. 5.

— — —, B-Smith, 1899, p. 450.

— — —, Wilson, 1913, p. 208 [§. 171: pl. 15, §. 184-6

— — —, Wilson, 1905, p. 561 (key): p. 602: pl. 14,

— — —, Wilson, 1937: 26-27

Host, Gills of Sphyræna barracuda.

- Margolis et al 1975: 40

West Indies.

--, Parker, 1968, p. 365

-- CRESSEY 1991: 7, 8-9, FIGS. 92-101, EX SPHYRAEN
BARRACUDA, CARRIE BOW-CAY, BELIZE; NOT A
SYN. OF C. DIAPHANUS.

-- LUQUE + TAKEMOTO, 1996: 534

Caligus kabatae Cressey 1991

-- Cressey 1991:9-10, figs. 102-111, n. sp., hosts

Acanthurus coeruleus, A. bahianus, A. chirurgus,

Cantherhines pullus, Carrie Bow Cay, Belize

CALIGUS KAHAWAI JONES, 1988

- JONES 1988: 408-412, FIGS. 6-8, TAB. 5, N.SP.,
NEW ZEALAND; HOST ARRIPIS TRUTTA.

Caligus kala Lewis

-- --, Lewis 1964. pp. 142-149, fig. 2-3

--, Lewis, 1967, pp. 159, 160, 162, 163, figs. 60, 61

- Margolis et al 1975: 40

Caligus kalumai Lewis

- Lewis, ¹⁹⁶⁴~~p.~~, p. 171-178, fig. 10 a-g

--, Lewis, 1967, p. 170

- Margolis et al 1975: 40

- BOXSHALL & GURNEY 1980: 172, TAB. 1

Caligus kanagurta Pillai

-- -- Pillai 1961. pp. 100-101, fig. 8

--, Lewis, 1967: 144

--, HAMEED + PILLAI, 1973a: 117

--, Pillai, 19?, p. 1581, fig. 46

- Margolis et al 1975: 41

- - PRABHA + PILLAI 1983: 6

- PRABHA 1983: 49 -

Caligus kapuhili Lewis

--, Lewis, 1967, pp. 152, 154, 156, 158, 159, figs. 57-
59

Margolis et al 1975:41

LUQUE + TAKEMOTO, 1996:534

Caligus katuwo Yamaguti ♀

- — Yamaguti, 1936, p. 6: pl. 4, fig. 55: pl. 5, figs. 56-68.
- —, Nunes-Ruivo, 1956, p. 11-12, pl. 1, fig. b, pl. 2, fig. b. Gills of Neothunnus albacora (Lowe), Baía Farta, Angola.
- , ^{Nunes-}Ruivo, 1962, p. 4
- Margolis et al 1975: 41
- Host. Gills of Euthynnus pelamys (Linné). Japan.

✓
Caligus klawei Shiino

1959---pp. 351-356, figs. 1-3.

Margolis et al 1975: 41

- NAGASAWA 1984b: 58-

- PRABHA 1983: 49-

- BOXSHALL + GURNEY 1980: 173, TAB. 1

Caligus krishnai Thomas - see C. bonito

Caligus krøyeri M-Edwards, ♀.

- — M-Edwards, 1840, p. 452.
- — Steenstrup & Lütken, 1861, p. 357.
- — B-Smith, 1899, p. 448.
- — Wilson, 1905, p. 555.
- , Parker, 1968, p. 365.

Host, Diodon sp.

- , Parker, 1969, pp. 1025, 1026, 1031. syn. of C. elongatus

— Margolis et al, 1975: 4/ Europe.

Caligus kurochkini n.sp. KAZACHENKO, 1975

--, Kazatchenko, 1975, p. 425-431, figs. 1-3

- KAZACHENKO 1994: 30, FIG. 4A

Caligus kuroshio Shiino - see C. bonito

Caligus kuwaitensis Kabata & Tareen, 1984

-- Kabata & Tareen 1984: 57-62, figs. 1-21, n.sp. ♀♂,
Kuwait; host: Plotosus anguillaris (Bloch, 1794).

- DOTIRI & CRESSY 1991: 595

Caligus labracis T. Scott, ♂. ♀.

- — T. Scott, 1902, a, p. 291: pl. 13, f. 26-29.
— — B-Smith, 1903, p. 108.
— — A. Scott, 1904^b, p. 118; 1904^a, p. 38.
— — Wilson, 1905, p. 557 (key).

Host, Gills of Labrus mixtus Linn. and
L. maculatus

- Margolis et al, 1975: 42 ○ Irish Sea.

- — T. & A. Scott, 1913, p. 53: pl. V, f. 4, 5; pl. 18,
— — Gurney, 1934, p. 181: figs. Develop. Fig. 4, 5
L - SPROSTON 1942: 448
— — JONES, D. H. + MATTHEWS 1968: 183 -
-- KABATA 1988c: 617, FIG. 2
-- DOJIRI 1989: 363, 367
-- KABATA 1992: 57, FIG. 12 E-I, SYNONYMY,
HOST LIST

Caligus
Caligodes laciniatus (Krøyer) ♀ 1863 0

Chondracanthus 1 - Kollar, mss. (1835)
Sciaenophilus 1 - Krøyer, 1863, p. 153: pl. 8, fig. 3.
Caligodes 1 - Heller, 1865, p. 180.
— — B-Smith, 1899, p. 446.

Host. Gills of Belone sp. (= Tylosurus)
Belone contrainii
Mediterranean.

- —, Brian, 1902, p. 35 Tylosurus contrainii, gills.
 Italy.
- —, Wilson, 1905, p. 608 (key).
- —, Kirtisinghe, 1937.
 Ceylon.
- —, Capart, 1953.
- —, M. P. Rangnekar, 1959, pp. 49-51, fig. 3. Tongue of Tylosurus strongylus
 Bleeker, Bombay, India.
- —, Causey, 1960, p. 329-330. Sphyræna argentea, Guaymas, Sonora; Needlefish,
 Acapulco, Guerrero, Mexico.
- --, Pillai 1961. p. 114, fig. 15
- --, Nunes Ruivo, 1962. pp. 72-73
- , Cressey & Collette, ¹⁹⁷⁰ 1970, pp. 378-384, figs. 133-145
 pl. 2

CALIGUS LACINIATUS (KRØYER, 1863)

(2)

CALIGODES -, PILLAI 19? : 1600-1601, FIG. 96

CALIGODES -, CAPART, 1959 : 88

CALIGODES -, DOJIRI, 1983: 136-142, FIGS. 45-48

Caligus lacustris Stp. & Tütken, ♀.

— —, Stp. & Tütken, 1861, p. 355, : pl. I, fig. 2.

— —, Richters, 1876, p. 244-5.

— —, B-Smitk 1899, p. 448.

— —, Wesenberg-Lund, 1902, p. 277.

— —, Gadd, 1904, p. 15.

— Margolis et al 1975: 42-45

Host. Gills of Leuciscus rutelis, Esox

lucius, Perca fluviatilis, Cottus

gobio, Abramis Björkna, To. Idus, To.

phoxinus, Gasterosteus aculeatus, + pungitius.

Europe

- —. Hofer, 1904, p. 180.
 — — Wilson, 1905, p. 559 (key).
 — — Markewitsch, 1934, p. 78.
 — — Pesta, 1934, p. 19: fig. 11.
 — —, Grabda, 1956, p. 161-2. On Abramus brama L.
 — —, Ruting + Stock, 1955, pp. 84-86^{Fig. 9}. On Leuciscus rutilus. Amsterdam.
 — —, Schwarz, 1960, pp. 298-299, fig. 6. Copepodite. Rügen I. + Darss, E. German.
 — —, Grabda & grabda, 1959, p. 182, 186
 — —, Kabata, 1970, p. 104, 111, 124, 127
 — —, Schwarz, 1960, p. 299, fig. 6
 — —, Polianskii, 1955, p. 91
 — —, Parker, et al., 1968, p. 1923, possible sym. w/ C. curtus.
 — Markevich, 1933: 10-13, fig. 4-6

Caligus lacustris Steenstrup & Lütken

card 2

-- Fryer 1978a:356-359, figs. 9a, 11a,b; 365

— Shulbman, et al, 1974:52

— TIMM 1903:291

- NERESHFIMER 1909b:74, FIG. 320, GERMANY

- KABATA 1988b:7, ORIGIN OF NAME

✓
Caligus lagocephali Pillai

-- -- Pillai 1961. pp. 107-109, fig. 12

-- -- Pillai, 19?, p. 1576, fig. 34

- Margolis et al 1975:45

-- CRESSEY 1991:13

-- DOJIRI + CRESSEY 1991: 604-

Caligus lalandei Barnard, 1948

-- Castro Romero & Baeza Kuroki 1982: 154.

-- KENSLEY & GRINDLEY 1973:122

- DOJIRI 1989: 363

- BOXSHALL & GURNEY 1980: 171

- BAEZA K. + CASTRO R. 1982: 3-6, FIG. 1 (HOST -

SERIOGA MAZATLANA); SYN. C. TENNICAUDATUS

- JONES 1988: 401-404, FIGS. 2, 3, TAB. 3, NEW ZEALAND

= C. LALANDEI

Caligus tenuicaudatus Shiino, 1959

.T. 1959---pp. 272-277, figs. 3 & 4.

.T. - Mergolis et al 1975: 78

.F. BOXSHALL + GURNEY 1980: 172, TAB. 1

.T. BAEZA K. + CASTRO R. 1982: 3 (syn. ^{of} CALIGUS
LALANDEI BARNARD)

✓
Caligus laticaudus Shiino

-- --, Shiino 1960. pp. 482-487 fig. 5-6

-- --, Pillai 1961. pp. 91-93, fig. 3

--, Lewis, 1967: 158, 159

--, Pillai, 197?, p. 1579, fig. 40

- Margolis et al 1975: 45

- Leong, 1984: 173 ———, Figs. 20-24

- C. L. LIN ET AL. 1994: 263

Calquis laticarpus Shen, 1957

-- Shen, 1957, p. 370, pl. II, n. sp. 70, CHINA
- Margolis et al 1975: 45

Caligus latifrons, Wilson ♀ Caligidae.

—, Wilson, 1905, p. 587: plate 12,
figs. 140-149.

-- --, Causey, 1960, p. 329. Sphaeroides annulatus,

Guaymas, Mexico.

--, Parker, 1969, p. 1026. syn. of C. elongatus

- Margolis et al 1975: 46

Host, ?

— Wilson, 1937: 27

Unknown.

Caligus latifrons Wilson 1905

card 2

-- Cressey, R. & Nutter 1987: 601

✓
Caligus latigenitalis Shiino

1954---Shiino, Sueo M., pp. 21-25, 1 text-fig.

Host: Sparus macrocephalus (Basilewsky)

-- ---, Shiino 1960. pp. 472-473, fig. 1

- Margolis et al 1975: 46

- JHEN 1958: 142

- C.L. LIN ET AL. 1984: 259-

CALIGUS LATUS I. H. KIM, 1995

- I. H. KIM 1995: 306-310, FIGS. 4, 5, KOREA STRAIT,
N. SP.; EX DITREMA TEMNICKI

Caligus lepeophtheropsis n.sp.

--, Pillai, 1968, p. 11-13, fig. 2

--, Pillai, 19?, p. 1584, fig. 53

- Margolis et al 1975:46

C. LEPEOPHTHEIROPSIS, BOXSHALL + GURNEY 1980:171

Caligus lepidopi Richiardi, ♀.

- — Richiardi, 1880, p. 148 nomen nudum.
- — Carus, 1885, p. 359.
- — Wilson, 1905, p. 556.
- , Parker, 1968, p. 364: nom. nud.
- Margolis et al, 1975: 46

Host, Lepidopus caudatus

○ Mediterranean

Caligus leptochilus Leuckart, ♀.

- Frey & Leuckart, 1847, p. 165.
— rapax B-Smith, 1899, p. 448; Wilson, ¹⁹⁰⁵ p. 555.

A synonym of Caligus rapax.

- Margolis et al 1975: 46

Caligus leptochilus Frey & Leuckart, 1847

--, Parker, 1968, p. 363: jr. syn.

--, Parker, 1969, pp.1025,1026: nec. ? syn. of
C. elongatus

--, Parker & Margolis, 1967, p. 93

Caligus ^{lessonius} ~~lessonianus~~ Risso, ♀.

Caligidae. ✓

①

— — Risso, 1826,
— — Risso, 1816,

— — Carus, 1885, p. 359, (diagnosis)

— — Wilson, 1905, p. 556,

— Margolis et al 1975: 47

Host, Notidanus griseus (gray shark)

○ Mediterranean

Caligus lessonius Risso, 1826

(2)

--, Parker, 1968, p. 362: ~~transferred by~~ belongs
in another genus

--, Parker, 1969, p. 1020.

Caligus lichiae, Brian. ♂, ♀.

C. curtus, Brian, 1898, p. 208.

_____, Brian, 1899^a, p. 4

C. lichiae, Brian, 1906, p. 37, pl. XIV,

figs. 1-14, pl. XVI, figs. 8-11

- Margolis et al. 1975: 47

Host, Gills of Teichia amia,

Genoa.

-- CARLI & BRUZZONE 1973b: 130, = C. CURTUS M.

Caligus ligatus Lewis, 1964

- --, Lewis 1964, ppl 164-178, fig. 8a-q, 9a-d
--, Kabata, 1968, p. 8
--, Lewis, 1967, pp. 163-166, 169, figs. 62-64
- Margolis et al 1975:47

Caligus ligusticus, Brian, ♂, ♀. Caligidae! ①

—, Brian, 1906, p. 41, pl. XV, figs. 1-8.

C. fissus? Richiardi, 1880, p. 148 nomen nudum.

— ligusticus, Brian, 1924, p. 16: text-fig. 12.

--, Brian, 1924, p. 377, fig. 12

— Margolis et al 1975: 47

Host, Gills of Box salpa, Timm.

Genoa.

Caligus ligusticus Brian, 1906

card 2

-- Essafi et al. 1984: 476, 499-501, fig. 57, host

Lithgnathus mormyrus, Tunisia

- CARLI & BRUZZONE 1973b: 130

CALIGUS LOBODES (WILSON)

PRAHA 1983:67, FIG. 4

Caligidae - Caligoida. ✓

Caligus lobatus, n. sp. Wilson, ♀♂.

— Wilson, 1935, p. 1: pl. 1, figs. 1-10

— LEWIS, 1967: 124

— Margolis et al 1975: 47

LOBATES, CRESSLEY 1991: 13

host. Gills of pilotfish, Naucrates duetor.

CALIGUS LOLLIGUNCULAE CAPART

- BOXSHALL + GURNEY 1980:171

✓
Caligus longiabdominis sp. nov.

-- --, Shiino, 1965, p. 391-397.

--, Ho & Bashirullah, 1977, p. 712

fly on fish

~ Margolis et al 1975: 47.

-- BOXSHALL + GURNEY 1980: 172, TAB. 1

Caligus longicaudatus Brady, ♀.

— Brady, 1899, p. 49: pl. 12, f. 26.

Caligus vicarius nom. nov., Hewitt, 1963. pp. 64-5, f. 1

(Hewitt states C. longicaudatus Brady preoccupied by C. longicaudatus Bassett-Smith 1898, but cites 1898b when ref. is 1898a, & sp. was actually named C. longicaudatus by B. Smith)

Host. Taken in surface tow
New Zealand.

- Margolis et al 1975: 48

--, Parker, 1968, pp. 355-368, 17 figs. (Brady, 1899)

-- BOXSHALL + GURNEY 1980: 172, TAB. 1

BRADY

Caligus longicaudatus ~~Bassett-Smith~~

card 2

--, Hewitt & Hine, 1972, p. 99

--, Parker et al., 1968, p. 1942, 1945

--, Pillai, 19?, p. 1591, fig. 72.

- Margolis et al 1975: 48

~~LONGICAUDUS, PARISH 1983: 49~~

- JONES 1988: 404-407, FIGS. 4, 5, TAB. 4, NEW ZEALAND

Caligus longicaudus B-Smith, ♂. ♀. ^{Caligidae.} ✓

— B-Smith, 1898, a, p. 8: pl. 4, figs. 1-2.

— B-Smith, 1899, p. 453.

— Trichiuri Wilson, 1905, p. 555.

A synonym of C. trichiuri

Host. Gill cavities of Trichiurus haumela
& Chirocentrus dorab

Bombay

— Margolis et al 1975: 48

-- --. Pillai 1963. pp. 70-71, fig. 2

--, Parker, 1968, p. 363: jr. syn.

-- PRABHA 1983:49-

Caligus longicervicis Gnanamuthu, 1950 ✓

- 1950---Gnanamuthu, C.P., pp. 115-116, figs. 31-46.
- , Kabata, 1968, p. 8
- , Pillai, 1966, 125-126, fig. 2
- , Ho & Bashirullah, 1977, p. 707 (= Metacaligus uruguayensis comb. nov.)
- , Pillai, 19?, p. 1583, fig. 50
- Margolis et al 1975: 48
- PRABHA & PILLAI 1983: 8, = C. (M.) URUGUAYENSIS

Caligus longipes^{dis} B-Smith, ♂. ♀.

Caligidae. ✓

- longipedis B-Smith, 1898, c, p. 359: pl. 10, figs. 2, 3.
- longipes B-Smith, 1899, p. 452.
- - Wilson, 1905, p. 556 (in key).
- Margolis et al 1975: 49

Host, Gills of Caranx melampygus.

India.

Caligus longipedis Bassett-Smith, 1898

--, Lewis, 1967, pp. 144-148, figs. 54-56

— Margolis et al 1975:48

- CRESSEY 1991:10, FIGS. 112-122, NEW HOSTS & RECORDS, FLORIDA, BELIZE; SYN. C. AMPLIFURCUS

- BOXSHALL + GURNEY 1980:172, TAB.1

- LUQUE + TAKEMOTO, 1996:539

= C. LONGIPEDIS

Caligoida Caligidae ✓

Caligus amplifurcus Pearse

1952--- Pearse, A.S., pp. 199-201, figs. 29-35

--, LEWIS, 1967: 148, 150

- Margolis et al 1975: 13

- KABATA 1988b: 5

- CRESSEY 1991: 10, = C. LONGIPEDIS

Caligus longipennatus (Rangnekar 1956)

Parapetalus -, Rangnekar 1956: 46-49, 1 pl.

Parapetalus -, Pillai 1962: 290

Parapetalus -, Pillai 19? : 1597, fig. 88

Caligus -, Prabha & Pillai 1983: 20, comb. nov.

CALIGUS -, PRABHA 1983: 53, COMB. NOV.

Caligus longipes Bassett-Smith - see C. longipedis

Caligus longirostris Heegaard

-- --, Heegaard 1962. pp. 167-168, fig. 106-115

— Margolis et al 1975:49

✓

Caligus longispinosus Heegaard

-- --, Heegaard 1962. pp. 171-172, fig. 135-144

Caligulus longispinosus Heegaard, 1962

-, CRESSEY & CRESSEY 1980: 38-39; Fig. 80.

✓
Caligus lucidus Heegaard

-- --, Heegaard 1962. pp. 159-160, fig. 54-61

— Margolis et al 1975: 49

Caligus lumpi Krøyer, ♂.

— — Krøyer, 1863, p. 73: pl. 2, fig. 2, a-f.

— — Olsson, 1869, p. 8.

— — B-Smitk, 1899, p. 449

— — Gadd, 1904, p. 18.

—, Parker, 1968, p. 363: jr. syn.

Host. Cyclopterus lumpus.

Europe.

— Margolis et al 1975: 49

-- Wilson, 1905, p. 557 (key).

--, Parker, 1969, pp. 1025, 1027, 1031. syn. of -----
C. elongatus

Caligus lumpi

card 2

--, Parker & Margolis, 1967, p. 93

Caligidae Caligoida ✓

Caligus lunatus Wilson ♂♀.

- Wilson, 1924, p. 4: pl. 1, f. 7-12; pl. 2, f. 13-17.
- Margolis et al 1975: 49
- Wilson, 1937: 27, pl. 3, fig. 5
- DOJIRI 1989: 363

Host. Gills of Seriola aurovittata, Tor. Africa

Caligus macarovi Gussev, 1951

①

--, Heegaard, 1972, pp. 296-9, figs. 1-12

--, Kabata, 1970, p. 68-9, 125

--, CRESSEY & CRESSEY 1980: 35-36; Figs. 73g-i, 74
a-b.

- Margolis et al, 1975: 49-50

-- CRESSEY ET AL. 1983: 231-; = C. FULVI-

PURPUREUS

- KABATA 1988: 12, FIGS. 5G-M, HOST LIST

- NAGASAWA ET AL. 1984: 226

- NAGASAWA ET AL. 1985: 39

Caligus macarovi Gussev, 1951

card 2

- Nagasawa 1984b:57-

- BOXSHALL + GURNEY 1980: 172, TAB.1

Caligus macrurus Heller ♀

- —, Heller, 1865, p. 170: pl. 15, fig. 2.
 — — Wilson, 1905, p. 559 (key).
 --, Parker, 1968, p. 363: transferred by Yamaguti, 1963
 --, Ho & Bashirullah, 1977, p. 712
 — Margolis et al 1975: 50
Host Tobotes erate
 -- PRABHA & PILLAI 1983: 5 = C. BENNETTI

Java.

✓
Caligus maculatus Heegaard

-- --, Heegaard 1962. pp. 157-158, fig. 45-53

— Margolis et al 1975:50

✓
Caligus malabaricus Pillai

-- -- Pillai 1961. pp. 109-110, fig. 13

--, Cressey & Collette, 1970, p. 376, fig. 118

—, HAMEED & PILLAI, 1973a: 117

—, Pillai, 19?, p. 1579, fig. 41

— Margolis et al 1975: 50

Caligidae Caligoida ✓

Caligus mauritanicus Brian ♂♀

- Brian, 1924, p. 19 (380): text-figs. 15-22
-- , Brian, 1924, p. 380-382, 83, 84, figs. 15-19, 68, 69
— Margolis et al 1975: 50
— CARLI & BRUZZONE 1973b: 130
— CRESSY 1991: 13

Host. Mouth of Sciaena aquila, Mauritania.

- DOJIRI 1989: 363

Caligidae - Caligoida ✓

Caligus mauritanicus, var minuscule ♂♀

— — — Brian, 1924, p. 23 (384): text-figs. 23-26.

--, Brian, 1924, pp. 384-385, 386, 388, fig. 21, 22-26

--, ^{Nunes-}Ruivo, 1962, p. 4

— Capart, 1959: 82-83

-- CARLI & BRUZZONE 1973b: 130

Host. Gills of Diagramma mediterraneum

Mauritania -

Caligidae - Caligoida - ✓

Caligus mauritanicus, var temnodontis ♂♀.

— — — Brian, 1924, p. 27 (388): text-figs. 27-30.

--, Brian, 1924, pp. 27, 29, figs. 28-30, 388

-- CARLI & BRUZZONE 1973b: 130

Host. Mouth of Temnodon saltator, Mauritania.

aligus microdontis Heegaard - see C. productus

Caligus minimus, Otto, ♀, ♂.

— Otto, 1821, p. 14.

— Otto, 1828, p. 354: pl. XXII, figs. 7, 8.

— Nordmann ¹⁸³², p. 25; pl. XI, fig. 4.

— Kröyer, 1837, p. 201.

— minutus, M-Edwards, 1840, p. 450; 1849, pl. LXXVII fig. 2

Host, Gills of Labrax lupus & Dentex vul-
garis, & mouth of Labrax lupus.

European Seas.

— Margolis et al, 1975: 51-52

- *minimus* W. Thompson, 1847, p. 247.
- *minutus*, Heller, 1865, p. 163: pl. XIV, fig. 1.
- —, Heller, 1866, p. 751: Stössich, 1880, p. 25.
- —, Valle, 1880, p. 58: Richiardi, 1880, p. 148.
- —, Carus, 1885, p. 358; Brian 1898, p. 10: pl. II, fig.
- —, Brian, 1899^c, p. 198: B. Smith, 1899, p. 447.
- —, A. Scott, 1901^a, p. 349: pl. I, figs. 1-8.
- —, T. Scott, 1905^a, p. 109.

minimus Risso, 1826, p. 135.

- —, A. Scott, 1904^b, p. 118: 1904^a, p. 38.
- *minimus* Pearson, 1906, p. 24.
- — B. Smith, 1896, ^b, p. 156.
- — Wilson, 1905, p. 557 (key).

Caligus C. minimus (2).

- *minimus*, T. Scott, 1906, b. p. 367.

---, Heegaard, 1943, p. 8.

---, Parker, 1968, p. 366

--- KENSLEY 1970: 171

- CABRAL ET AL. 1984: 189

- CABRAL + RAIBAUT 1986: 123, HOST DICENTRARCHUS

LABRAX

- ESSAFI ET AL. 1984: 476, 501, HOST D. LABRAX, TUNISIA

- BRON ET AL. 1991: 210 -

Caligus minimus Otto, 1828

card 3

--, Parker, 1969, p.1020.

- KENSLEY 1970: 171

- BEN HASSINE 1983: 299

- CABRAL + RAIBAUT 1986: 127

- CARLI + BRUZZONE 1973: 130

- KABATA 1992: 59, FIG. 13A-E, SYNONYMY,

HOST LIST

- GREASY ET AL. 1993: 96,

- RAIBAUT 1985: 259, FIG. 16, 17

- BOXSHALL + GURNEY 1980: 171

^o
ALIGUS MINIMUS OTTO, 1828

CARD 4

- HEUCH + KARLSEN 1997: 745

- I. H. KIM 1993: 27-28

CALIGUS MINIMUS VAR. MUGILIS BRIAN, 1935

-- RAINBAUT + BEN HASSINE, 1937: 837,

SYNONYM OF C. MUGILIS BRIAN, 1935

-- BEN HASSINE, 1983: 83, SYNONYM OF

C. MUGILIS BRIAN, 1935

-- CARLI + BRUZZONI 1973b: 130

Caligus minumus

--, Rainbaut & Hassine, 1977, p. 837, fig. 2, 19-33

Caligus minutus Kroyer, 1837

--, Parker, 1968, p. 363: jr. syn.

— Margolis et al 1975: 52

Caligus minutus Pillai

-- -- Pillai, 1963. pp. 87-89, fig. 13

--, Argilias, A., 1930, pp. 100, 101

— Margolis et al 1975:52

-- CRESSAY 1991:13

✓
Caligus minutus M-Edwards, ♀

— — M-Edwards, 1840: p. 450: 1849, pl. 77, fig. 2.

A synonym of Caligus minimus.

— —, ACLOQUE, 1899: 198

Caligus mirabilis Leigh-Sharpe - see C. productus

Caligus molvae Latreille, 1825

--, Parker, 1968, p. 362: transferred by Wilson, 1905

--, Parker, 1969, p. 1020 (? really = Risculus molvae Leach, 1819)

— Margolis et al, 1975: 52

Caligus molvae M-Edwards, ♀

— M-Edwards, 1836-49, pl. 77, fig. 3.
Risculus molvae, Leach, 1819, p. 536.

A synonym of Lepeophtheirus molvae.
(Wilson, 1905, p. 555).

Caligidae!

Caligus monacanthi Kröyer ♀

— —, Kröyer, 1863, p. 59: pl. 3, fig. 2 a-e.

— —, B. Smith, 1899, p. 450

— —, Wilson, 1905, p. 607

— —, Wilson, 1913, p. 220

— —, Parker, 1968, p. 363: jr. syn.

Host. Gills of Monacanthus tomentosus.

— —, Lewis, 1967: 139

— Margolis et al 1975: 52

West Indies.

probably a young ♀ of C. productus.

— — Wilson, 1937, p. 424; text-figs. 6-16 - ♀ & ♂.

Caligidae - Caligoida ✓

Caligus mordax Weigh-Sharpe, ♀.

— — Weigh-Sharpe, 1934, p. 26: fig. 21.

— Margolis et al 1975: 33

— BOXSHALL + GURNEY 1980: 171

Host. unknown.

Caligus mortis Kensley 1970

- Kensley 1970b:167-172, figs. 1,2, n. sp. ♀, host uncertain; South West Africa.
- Kensley & Grindley 1973: 76, ♀ from Clinus superciliosus, Blennius cornutus & Chorisochismus dentex, South Africa; p. 122.
- KABATA 1988c:619, FIG. 2
- DOJIRI 1989:363-369, FIGS. 1-17, HOST LIST, S. AFRICA

Caligus mugilis Brian, 1935

①

--, Rainbaut & Hassine, 1977, p. 837 (synonym with Caligus minimus var. mugilis), figs. 1, 3-18

- BEN HASSINE, 1983: 57, 83-89, 91, 216, 226-7, 232-3, 239-242, 248-252, 256-8, 449-452

SYNONYMS: CALIGUS MINIMUS VAR. MUGILIS BRIAN 1935

CALIGUS CURTUS BRIAN, 1906

HOST: CHELON LABROSUS

FIGS. 54-69

- CARRAL & RAINBAUT 1986: 127

Caligus mugilis Brian, 1935

card 2

-- Essafi et al. 1984: 476, 501-502, host Chelon

labrosus, Tunisia

Caligidae. Caligoida. ✓

Caligus mülleri Leach, ♂. ♀.

— — Leach, 1816, p. 405: pl. 20, f. 1-8.

A synonym of Caligus curtus.

(Wilson, 1905, p. 555).

—, Parker, 1968, p. 363: jr. syn.

—, Parker, 1969, p. 1020.

— Margolis et al 1975: 53-54

— Tempere, 1898: 167-168, pl. 21, fig 11, 12

—, Aclouque, 1899: Pl. 94, p. 199

aligus multispinosus Shen, 1957

- Shen 1957: 369, 370-371, Pl. III, n. sp. female only, 'ex Stromateiodes argentus, Kwanghai, Kwangtung Province, China
- Pillai 1961: 89-91, fig. 2
- Pillai, 19? : 1585, fig. 57
- Margolis et al. 1975: 54

- PRABHA 1983: 49- , FIG. 1

- LIN, HO + CHEN 1994: 259-264, FIGS. 5-7 ♀♂, EX

BLACK SEA BASS ACANTHOPAGRUS SCHLEGELI, TAIWAN

Caligus murrayanus T. Scott, ♂

Caligidae. ✓

— — T. Scott, 1894, p. 129: pl. 14, fig. 20.

— — B. Smith, 1899, p. 450.

— — Wilson, 1905, p. 561 (key).

— — Parker, 1968, p. 365

Host. Surface tow-net gathering, Gulf of Guinea.

British Seas.

— Margolis et al 1975: 54

Caligidae. ✓
Caligus mutabilis, Wilson, ♂. ♀

— —, Wilson, 1905, p. 573: pl. VIII, 1 (ext figure).

— —, M. J. Rothbum, 1905, p. 90.

— —, Wilson, 1932, p. 406: fig. 253

-- --, Causey, 1955, pp. 2-19. Gulf of Mexico

-- --, Causey, 1960, p. 329. Mexico, west coast, on
various fishes.

Host, Sea-Bass (Centropomus striatus).

Pollochiu virens

Mouth.

Sarda sarda.

Woods Hole.

- , Rangnekar & Murti, 1964, p. 89
- , Yamaguti & Yamasu, 1959, p. 118
- , CRESSEY & CRESSEY 1980: 27-28; Figs. 51, 52, 53a-b, 105
- Margolis et al 1975: 54
- Wilson, 1937: 27
- CRESSEY, R. + NUTTER 1987: 60, HOST RECORDS-
LOUISIANA
- CRESSEY ET AL. 1983: 230-, HOSTS
- CRESSEY 1991: 10-11, FIGS. 123-126, DISTRIBUTION;
11
- LUQUE + TAKEMOTO, 1996: 534

Caligus nanus Krøyer, ♂.♀.

-- Krøyer, 1863, p. 86; pl. 2, fig. 4, a-h.

-- Olsson, 1869, p. 10.

-- B-Smith, 1899, p. 447.

-- Wilson, 1905, p. 557 (key).

--, Parker, 1968, p. 363: jr. syn.

Host, Haddock and Cod.

--, Parker, 1965, p. 97, = C. f. gurnardi Krøyer, 1863

-- Margolis et al 1975: 54-55 European Seas.

Caligus nautili Willey, 1896

--, Parker, 1968, p. 363: transferred by Stebbings, 1900

- Margolis et al 1975: 55

Caligus nengai Rangnekar, Rangnekar & Murti, 1953

-- Kabata & Tareen 1984: 62.

aligus nibeae Shen, 1957

- Shen 1957: 372, Pl. V, n. sp. female only, ex Nibea diacanthus, Kwanghai, Kwangtung Province, China
- Margolis et al. 1975: 54

Caligus nordmannii M-Edwards, ^{Caligidae?} ♂. ♀.

— M-Edwards, 1840, p. 455.

Lepeophtheirus — B-Smith, 1899, p. 454.

A synonym of Lepeophtheirus n. —.

(Wilson, 1905, p. 555).

— Margolis et al 1975: 55

Caligus nordmannii Milne-Edwards, 1840

--, Parker, 1968, p. 363: transferred by Baird, 1850

Caligus novocaledonicus Kabata, 1968

n. sp., Kabata, 1968, pp. 1-9, figs. 1A-J, 2A-J,
3 A-E.

-Margolis et al, 1975: 55

Caligus oblongus Abildgaard, ♀.

-- Abildgaard, 1794, b, p. 52: pl. 5, f. 4-11.

A synonym of Dichelesthium sturionis
(Wilson, 1905, p. 555).

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-9

--, Parker, 1969, p. 1020.

- Margolis et al 1975: 55-56

✓
Caligus obovatus Heegaard

-- --, Heegaard 1962. pp. 166-167, fig. 99-105

— Margolis et al 1975: 56

Caligus obscurus Baird, ♀.

A name given by B. Smilt, 1896, 3, p. 16 in the explanation of pl. 4, fig. 2 - He called it Lepeophtheirus on p. 10 of the text, and refers it to that genus in 1899, p. 456.

It is not = Lepeophtheirus obscurus Baird and is probably L. thompsoni.

See T. & A. Scott, 1913, p. 70,

— Margolis et al 1975, 56

--, Parker, 1968, p. 363: transferred by ~~Parker, 1968~~
Bassett-Smith,
1899

Caligus ocyurus Cressey, 1991

-- Cressey 1991:11, figs. 127-136, n. sp. ♀♂, ex

Ocyurus chrysurus, Carrie Bow Cay, Belize; /6

Caligus oligoplitisi Carvalho, 1956

--, Carvalho, 1956, pp. 15, 19, Figs. 1-16

— Margolis et al 1975:56

- LUQUE + TAKEMOTO 1996:534

Caligus olsoni Pearse

--- 1953 Pearse, A.S. pp. 332-333, figs. 1-16.

--, Stock, J., 1955, p. 55

— Margolis et al 1975: 56

— Olson, 1972: 1201

Caligus omissus CRESSEY & CRESSEY 1980

--, CRESSEY & CRESSEY 1980: 28-29; Figs. 53c-e,
54-56, 105.

-- CRESSEY ET AL. 1983: 233-; HOSTS

Caligus orientalis Gusev, 1951

--, Kabata, 1968, p. 3

--, Kabata, 1972, p. 1591

--, Margolis & Parker, 1966, p. 311, Syn.

C. japonicus.

- Margolis et al 1975: 52

-- BEN HESSINE, 1983: 299

-- BOXSHALL 1974: 699

-- FRVER 1978a: 357-358, FIGS. 10a-f

-- NAGASAWA 1993a: 312, REVIEWS RECORDS- JAPAN

GUSSEV ?

Caligus orientalis Gusev, 1951

card 2

-- Nagasawa 1994: 83-, reviews records - Hokkaido

-- Nagasawa & Sakamoto 1993: 143

-- BOKSHALL + GURNEY 1980: 172, TAB.1

- I. H. KIM 1993: 27-28

Caligus ornatus Milne-Edwards, 1840

--, Parker, 1968, p. 363: transferred by Bassett-Smith,
1899

- Margolis et al 1975: 57

- CASTRO & BAEZA 1981: 318, IN LEPEOITHIRUS.

Caligus ornatus Nordmann, ♀.

— — Nordmann, 1838,

— — M-Edwards, 1840, p. 455.

Lepeophtheirus — B-Smith, 1899, p. 455.

A synonym of Lepeophtheirus o—. (Wilson, 1905, p. 555).

Caligoida Caligidae ✓

Caligus oviceps Shiino

1952----- Shiino, Sueo M., pp. 84-88, figs. 3 & 4
--, Carvalho, 1956, p. 17

- Margolis et al 1975: 57

- Boxshall & Gurney 1980: 172, TAB. 1

Caligus pacificus Gissler, ♀.

— Gissler, 1883, p. 888, text figs.

A synonym for Lepeophtheirus p.

(Wilson, 1905, p. 555).

—, Parker, 1968, p. 363: transferred by Wilson, 1905

? —, Kabata, 1973, p. 750 & 754, a syn. of Lepeophtheirus salmonis

— Margolis et al 1975: 57

Caligus pagelli, ^{DELANARE} DeBoutterville - Nunes-Reiro

D-N-R, 1958, p. 220, fig. 5 a-f;

? C. DIAPHANUS OF MONOD 1923 = C. PAGELLI

- Margolis et al 1975: 57

Caligus pageti Russell, ♀, ♂

- — Russell, 1925, p. 611: pls. 33-35.
 — — Argilas, 1931, p. 93. on Mugil auratus Risso
 — —, Hewitt, 1971, 160p.

- , Izawa, 1969, p. 153
 --, Rainbaut & Hassine, 1977, p. 842-843

Host, Outside of Mugil capito.

Alexandria - Egypt.

Marrakhis et al 1975: 57

--, Argilias, A., 1930, pp. 95, 96, 100-106, fig. 1,
pl. 1

-- BEN HASSINE, 1983: 57, 79-82, 84, 91, 142-146, 168-171,
184-188, 211-212, 217-221, 226-7, 232-3, 239-241, 260, 266

SYNONYM: CALIGUS ARGILASI BRIAN, 1931

HOSTS: MUGILIDAE + ATHERINA BOYERI

FIGS. 51-53, 178-275

pp. 269-306, 335, 347-366, 449-452

-- CABRAL + RAIBAUT 1986: 123, HOST
DICENTRARCHUS LABRAX

Caligus pageti Russell, 1925

-- Raibaut et al. 1971: 172, host records, Tunisia coast

- ARGILASI, CARLI & BRUZZONE 1973b: 130

- DOJIRI 1989: 367

- I. H. KIM 1993: 27-28

Caligus pagrosomi Yamaguti ♀, 1939

Yamaguti, 1939, p. 445: pl. 14, figs. 1-3.

--, Kabata, 1968, p. 8

- Margolis et al 1975: 58

- PAGROSOMI, CRESSEY 1991: 13

Host Gills, Pagrosomus unicolor (Q. & G.)

Tarvina, Japan

Caligus paradoxus Otto, ♂.♀.

— — Otto, 1828, p. 352: pl. 22, figs. 5-6.

a synonym of Demoleus p.

(Wilson, 1905, p. 555).

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-9

--, Parker, 1969, p. 1020.

— Margolis et al 1975: 58

CALIGUS PARAPETALOPSIS HAMEED & PILLAI,
1973

- HAMEED & PILLAI, 1973a: 114-118 ♀♂; FIG. 1-21;

EX ZONICHTHYS NIGROFASCIATA BOCCAL &
BRANCHIAL CAVITY

- PRABHA 1983: 49-, FIG. 2

Caligus parvus B-Smith, ♂, ♀.

— B-Smith, 1898, a, p. 5: pl. 2, figs. 1 & 2.

— B-Smith, 1899, p. 446.

— Wilson, 1905, p. 557 (in key).

--, Parker, 1968, p. 363: transferred by Rangnekar &

--, Rangnekar & Murti, 1964, pp. 42-44, ^{Murti, 1964} ~~xxxxx~~ syn. of Pseudocaligus p.

Host, Gills of Tetodon oblongus.

— Margolis et al 1975: 58

Bombay.

—, Pillai, 19?, p. 1592, 1594, fig. 78.

— KENSLEY 19706:171

Caligidae — Caligidae ✓

Caligus patulus Wilson, ♀.

— Wilson, 1937, p. 426! text-figs. 20-25

--, Jones, J.B., p. 103, figs. 1-7

— Margolis et al 1975: 58

Host. Skin of milk fish, Chanos, sp

Caligus patulus Wilson, 1937

--, Jones, J.B., 1980, p. 103, ¹¹⁶ figs. 1-7

~~Halso~~

~~Jones 1980~~

- BOXSHALL + GURNEY 1980: 171

Caligus Pauliani Nunes - Ruivo. ♂ ?

-- -- Nunes - Ruivo, 1956, pp. 74, Fig. 4... Madagascar

— Margolis et al 1975: 58

✓
Caligus paxillifer Yamaguti.

1954---Yamaguti, S., pp. 383-385, pl. III, figs. 26-27,
pl. IV, figs. 28-32.

— Margolis et al 1975:58

-- CRESSAY 1991:13

✓
Caligus pectinatus sp. nov. SHIINO, 1965

-- --, Shiino, 1965, p. 403-408.

ex- Eopsetta

— Margolis et al 1975: 59

-- CASTRO ROMERO + BAEZA KUROKI 1982: 158, 161.

Caligidae. Caligoida. ✓

Caligus pectoralis (Müller), ♂. ♀.

Lernaea Müller, 1776, p. 41: pl. 33, f. 7.

--, Parker, 1968, p. 362: transferred by Baird, 1850

A synonym of Lepeophtheirus pectoralis,
(Wilson, 1905, p. 555).

- Margolis et al 1975: 59

Kröyer, 1837, p. 8, Tab VI, fig. 4

Caligus pelagicus Kurian

Caligus Müller ✓

-- --, Kurian 1955, pp. 104-116 figs. 1-10 Indo China

- , Pillai, 19?, p. 1595, fig. 82

- Margolis et al, 1975: 59

Caligus pelamydis, Kröyer ^{Caligidae} ♀, ♂

- —, Kröyer, 1863, p. 50: pl. IV, fig. 4a-g.
- —, Ricciardi, 1880, p. 148
- —, Carus, 1885, p. 357.
- —, Valle, 1882, p. 245.

Host. Gills of Pelamys sarda and Scomber scomber,

Atlantic,

- Margolis et al 1975: 59-60

— —, B. Smith, 1899, p. 452.

— —, Brian, 1899, p. 198.

— —, Stebbing, 1910, p. 558.

— —, Wilson, 1905, p. 594: pl. XIII, figs. 154—
161: pl. XIV, fig. 161a.

— —, Brady, 1910, p. 589: text fig. 69. ♂

— —, Wilson, 1932, p. 406: fig. 254.

— —, Heegaard, 1943, p. 5.

— —, Causey, 1955, pp. 2-19. Gulf of Mexico

— —, Nunes-Ruiwo, 1956, pp. 5-6, pl. 1, fig. a. Angola. Sarda Sarda.

— —, Causey, 1960, p. 329. Veracruz, Mexico. On Scomberomorus cava.

Caligus pelamydis Kröyer

(2)

- --, Hewitt, 1963. pp. 78-83, fig. 6
- --, Shiino, 1965, p. 408-414.
- , Parker, 1968, p. 365
- , Boer, 1970-2, p. 4, tbl. 1
- , Lewis, 1967, pp. 138-140, 142, 144, figs. 52, 53
- , CRESSEY & CRESSEY 1980: 32-33; Figs. 64-66, 104.
- , Hewitt & Hine, 1972, p. 98
- Capart, 1959: 83 —, fig. 15 a-b
- CRESSEY, R. & NUTTER 1987: 600-601
- CRESSEY ET AL. 1983: 230-
- KARATA 1988c: 618-, Figs. 2, 5

Caligus pelamydis Krøyer, 1863

card 3

-- Cressey 1991:11, figs. 137-140, distribution

- JONES, J. B. 1991: 427

- DOJIRI 1989: 363

- KABATA 1992: 59, FIG. 13F-I, SYNONYMY, HOST LIST

- SOMDAL + SCHRAM 1992: 19-, FIG. 1, EX SCOMBER

SCOMBRUS, NE ATLANTIC

- LUQUE + TAKEMOTO 1996: 534

- JONES, J. 1988: 398, 406-408, FIG. 1D, NEW ZEALAND

Caligus penrithi Kensley & Grindley 1973

-- Kensley & Grindley 1973: 77-81, figs. 5a,b,6a-m,7a-d,
n. sp. ♀♂, from Chilodactylus fasciatus, M^bwe Bay,
South West Africa; p. 122.

- DOJIRI 1989: 363

Caligus petersii Richardi, ♀.

— — Richardi, 1880, p. 148 nomen nudum.

— — Carus, 1885, p. 359,

— — Wilson, 1905, p. 556.

— —, Parker, 1968, p. 364: nom. nud.

— Margolis et al 1975: 60

Host. Carcharias lamia.

○ Mediterranean.

Caligus pharaonis Nordmann,

— — Nordmann, 1832, p. 28: pl. 11, fig. 17.

— — Krøyer, 1837, p. 201.

— — M-Edwards, 1840, p. 453.

— — Carus, 1885, p. 357.

— —, Parker, 1968, p. 362; transferred by Humes, 1965

A synonym of Lepeophtheirus pharaonis.
(Wilson, 1905, p. 555).

— Margolis et al 1975: 61

--, Parker, 1969, p. 1020.

Bassett-Smith, 1898 ✓
Caligus phipsoni B-Smith, ♂.♀.

— —, B-Smith, 1898, a, p. 7: pl. 3, figs. 3 & 4.

— —, B-Smith, 1899, p. 449.

— —, Wilson, 1905, p. 558 (in key).

— —, Wilson, 1923, p. 5

-- --. Pillai 1963. pp. 68-70, fig. 1

Host. Gills of Cyprinus guttatus.

— Margolis et al 1975: 61

Bombay.

--, Kabata, 1968, p. 8

--, Parker, 1968, p. 365

--, Pillai, 19?, p. 1589, fig. 67

Caligus piscinus Guèrin, ♀.

Caligidae ✓

- — Guèrin, 1837, p. 41: pl. 35, fig. 2a-f.
- — Linnæus, 1758, p. 209.
- — M. Edwards, 1840, p. 456.
- — White, 1850, p. 118.
- Margolis et al 1975: 61

Host, Halibut (outside)

European Seas.

-- Wilson, 1905, p. 550.

-- Stimpson, 1853, p. 38.

--, Parker, 1968, p. 362: transferred by Kroyer, 1837-9,
jr. syn.

--, Parker, 1969, p. 1020.

Calanidae - Calanoida.

Caligus placidus Dana, ♀.

— — Dana, 1849, p. 14.

— — Dana, 1852, p. 1064; pl. 73, f. 4.

— — Giesbrecht, 1892, p. 301 (position doubtful).

— — Giesbrecht & Schmeil, 1898, p. 52 (doubtful).

Habitat. North Pacific.

Caligus planktonis

PILLAI 1979

-- Cressey 1991:10

- LIN & HO 1997: 343

Caligus platessae Beneden, ♀. Caligidae. ✓

— — P.J. van Beneden, 1870, b, p. 75. nomen nudum.

— — Wilson, 1905, p. 556.

--, Parker, 1968, p. 364: nom. nud.

— Margolis et al 1975: 62

Host. Platessa vulgaris (skin + fins).

Belgium.

Caligus platurus Kurtisinghe ✓

Kurtisinghe 1964, p. 61, figs 38-48

--, Pillai, 1966, p. 128-129, fig. 4

--, Pillai, 19?, p. 1581, fig. 48

— Margolis et al 1975: 62

Caligus platytarsis B-Smith, ♀. ① ✓

— B-Smith, 1898, b, p. 83; pl. 4, fig. 2, a-e.

— B-Smith, 1899, p. 450.

— Wilson, 1905, p. 560 (in key).

—, Parker, 1968, p. 365

— Pillai, 197?, p. 1594, fig. 79

Host. Gill cavity of Mugil sp.

— C.L. LIN ET AL. 1994: 263

— Margolis et al 1975.

Muscat.

ALIGUS PLATYTARSIS BASSETT-SMITH, 1898

(2)

- I. H. KIM 1995: 313

Caligus polycanthi Gnanamuthu - see C. balistae

Caligus pomacentrus Cressey 1991

-- Cressey 1991:12, figs. 141-152, n. sp. ♀♂, ex

Microspathodon chrysurus and 7 other species,

Belize

Caligidae - Caligoidae

Caligus praetextus Bere.

— — Bere, 1936. p. 583: pl. 3. figs. 36-70; pl. 4. figs. 71-76

— Margolis et al 1975: 62-63

-- Castro Romero & Baeza Kuroki 1982: 158, 161.

-- OVERSTREET 1978: 83, HOSTS - GULF OR MEXICO

Host. Skin of Teniceps, Raja, Amphotistius
Pteroplatea, Galeichthys, Mugil, Centropomus,
Lutianus, Lagodon, Eugerres, Bairdiella
Menticirrhus, Chaetodipterus, Eicheneis, Florida

Caligus praetextus Bere, 1936

card 2

-- Cressey & Nutter 1987: 601, host records, Louisiana

- CRESSEY 1991: 11, 12-13, Figs. 153-163, HOST
LIST, CHARLOTTE HARBOR, FLORIDA

Caligus priacanthi Pillai

-- -- Pillai 1961. pp. 104-107, fig. 11

--, Pillai, 1964, p. 63

--, Kazachenko, p. 211 (1975)

--, Pillai, 1977, p. 1575-1576, fig. 33

- Margolis et al 1975: 63

- CRESSEY 1991: 10

- PRABHA 1983: 53

✓
Caligus proboscidatus Heegaard

-- --, Heegaard 1962. p. 161, fig. 68-74

- Margolis et al 1975 : 63

Dinemoura

Caligus productus, Müller, ♀.

— —, Müller, 1785, p. 132: pl. XXI, figs. 3 & 4.

— —, Oken, 1815-6, p. 359.

— —, Risso, 1816, p. 161.

— —, Latreille, 1829, Vol. IV, p. 198.

— —, Kazachenko, 1975, p. ~~204~~ 211

(over)

A synonym for Dinematura p...

— Margolis et al 1975: 63

Hemorhans. Berl. Schriften, I, p. 56: pl. 3, figs. 1-7

Binochilus salmonis - Fabricius, 1780, p. 264.

Monochilus piscinus planiusculus - Timm, 1746, No. 204.

--; Parker, 1986, p. 362, transferred by Latreille,
1829

--, Parker, 1969, p. 1018.

--, Lewis, Dean, & Gilfillan, 1969, pp. 424, 427, 430,
433, 434, 435, figs. 7, tpls. 13, 19, 20

-- BERLAND + MARGOLIS 1983: 286, = DINEMOURA

PRODUCTA; MÜLLER CONFUSED 2 SPP. UNDER

"PRODUCTUS."

-- MARGOLIS + BERLAND 1984: 219, = DINEMOURA PRODUCTA

Caligidae.

Caligoida, ✓

Caligus productus Dana, ♂. ♀.

~~ADU~~

— — Dana, 1852, p. 1354: pl. 94, fig. 4—

— — Stp. & Lütken, 1861, p. 357: pl. 3, f. 6.

— — Krøyer, 1863, p. 64: pl. 3, f. 4, a—i.

— — Rathbun, R., 1884, p. 487,

— —, CRESSEY & CRESSEY 1980: 24-25; Figs. 42-44, 103.

Host, Coryphaena sp. Triggerfish, Balistes, sp.

Thynnus pelamys, Chrysophrys aurata.

— Margolis et al 1975: 64-65

N. Atlantic - W. Indies.

- — Brian, 1898, p. 10; Dana, 1849, p. 56
 — — Wilson, 1905, p. 597; pl. 14, g. 162-170.
 — — Fowler, 1912, p. 481.
 — — Wilson, 1913, p. 208,
 -- --, Causey, 1955, pp. 4-19. Gulf of Mexico
 — —, Causey, 1960, p. 329. Mexico.
 -- --, Shiino 1963, pp. 335-336, Pacific
 -- --, Shiino 1960, p. 471, Hamazima
 -- --, Hewitt, 1963, p. 65
 -- --, Shiino, 1965, p. 414-417.
 --, Heeg aard, 1972, pp. 296
 --, Parker, 1968, p. 364
 --, Lewis, 1967, pp. ⁹³116-118, 120, 122, 124, ^{131;}_V figs. 46-

Caligus productus Dana, 1852

card 2

-- Kabata 1988c: 619-, Figs. 4,5

- TILESIUS 1815: p. ?, = ♀ of C. CURTUS; KAMCHATKA

- CRESSY 1991: 11, 13, FIGS. 164-167; NEW SYNS.

C. MIRABILIS LEIGH-SHARPE, C. MICRODONTIS
HEEGAARD.

MICRODONTUS, DOJIRI + CRESSY 1991: 604-

MICRODONTUS, BOXSHALL + GURNEY 1980: 171

- p., J. JONES 1988: 408

Caligus productus

Kroyer

card 2

- , Hewitt & Hine, 1972, p. 87
- Pillai, 197?, p. 1583, fig. 51
- Capart, 1959: 83-84, fig. 16a-e
- CRESSY ET AL. 1983: 230-, HOSTS
- BENZ 1986: 219, BLUE SHARK
- CRESSY 1991: 11
- KNOFF ET AL. 1995: 49
- LUQUE + TAKEMOTO, 1996: 534

CALIGUS PRODUCTUS MÜLLER O.F., 1785-

SEE DINEMOURA PRODUCTA

= C. PRODUCTUS

Caligidae - Caligocoda ✓

Caligus mirabilis Leigh-Sharpe. ♀.

— Leigh-Sharpe, 1934, p. 22: fig. 20.

— Margolis et al 1975: 52

— CRESSEY 1991: 13, = C. PRODUCTUS, NEW SYNONYMY

Host, Outside of Balistes flavomarginatus.

Caligus pseudokalumai LEWIS

-- Lewis, 1968, p. 59

--, CRESSEY & CRESSEY 1980: 36

— Margolis et al 1975: 65

-- BOXSHALL & GURNEY 1980: 177, TAB. 1

Caligus pseudoproductus Capart ✓

nom. nov

to include

Caligus productus Wilson

1908, p. 597, pl. ~~XIV~~, fig. 162-170

Capart, ~~1958~~¹⁹⁵⁹, p. 84, fig. 17 a-g

- Margolis et al 1975: 65

- Capart, 1959: 84-85, fig 17a-g

Caligus punctatus Shiino

1955--Shiino, Sueo M., pp. 135-140, figs. 1-3.

- Margolis et al 1975: 66

-- KENSLEY 19706: 171

- - BOXSHALL & GURNEY 1980: 172, TAB.1

- J. H. KIM 1993: 16-28, FIGS. 1-6, DEVELOPMENTAL STAGES,
SEA OF JAPAN OFF KOREA; EX

✓
Caligus quadratus Shiino, 1954

1954---Shiino, Sueo M., pp. 26-29, 1 text-fig.

Host: Neothynnus macropterus (T. & S.)

-- --, Shiino 1960. p. 472. Hamazima

-- --, Kabata, 1966. p. 157.

--, Pillai, 1964, p. 61

--, Lewis, Dean, & Gilfillan, 1969, p. 425, tpls. 11, 19

--, Lewis, 1967, pp. 109, 110, 112, 114, 116, figs. 40-42

-- Margolis et al 1975: 66

pp. 124, 131, 150

--, Pillai, 19?, p. 1576, 1578, fig. 36

—, Kazatchenko & Audeev. 1977: 30

-- CASTRO ROMERO & BAEZA KUROKI 1982: 154.

-- SHEN 1957: 371

-- BAEZA K. & CASTRO R. 1982: 4-6; HOST ACANTHISTIA
PICTUS

ALIGUS QUADRIFARIUS CRESSY + SCHOTTE,

- LUQUE + TAKEMOTO, 1996: 531

Caligus quinqueabdominalis Heegaard

-- --, Heegaard 1962. p. 162, fig. 75-82

— Margolis et al 1975: 66

Caligus rabidus Leigh-Sharpe, 1936

--, Parker, 1969, pp. 1026, 1027. syn. of ----
C. elongatus

—Margolis et al 1975:66

✓
Caligus randalli Lewis

-- --, Lewis 1964. pp. 156-164, fig. 6a,b,d-f,h-l,n-q,
7a-d

--, Lewis, 1967, p. 170

— Margolis et al 1975: 66

-- LUQUE + TAKEMOTO, 1996: 534

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- Margolis et al 1975: 67
- CABRAL & RAIBAUT 1986: 127
- BOXSHALL & GURNEY 1980: 171

Caligus punctatus Shiino

1955--Shiino, Suetō M., pp. 135-140, figs. 1-3.

- Margolis et al 1975: 66

-- KENSLEY 19706: 171

-- BOXSHALL & GURNEY 1980: 172, TAB. 1

-- J. H. KIM 1993: 16-28, FIGS. 1-6, DEVELOPMENTAL STAGES,
SEA OF JAPAN OFF KOREA; EX

Caligus quadratus Shiino, 1954

1954---Shiino, Sueo M., pp. 26-29, 1 text-fig.

Host: Neothynnus macropterus (T. & S.)

-- --, Shiino 1960. p. 472. Hamazima

-- --, Kabata, 1966. p. 157.

--, Pillai, 1964, p. 61

--, Lewis, Dean, & Gilfillan, 1969, p. 425, tpls. 11, 19

--, Lewis, 1967, pp. 109, 110, 112, 114, 116, figs. 40-42
pp. 124, 131, 150

-- Margolis et al 1975: 66

-- Pillai, 19?, p. 1576, 1578, fig. 36

- , Kazatchenko & Audeev. 1977: 30
- CASTRO ROMERO & BAEZA KUROKI 1982: 154.
- SHEN 1957: 371
- BAEZA K. & CASTRO R. 1982: 4-6; HOST ACANTHISTIUS
PICTUS

CALIGUS QUADRIFARIUS CRESSY + SCHOTTE,

-- LUQUE + TAKEMOTO, 1996: 531

Caligus quinqueabdominalis Heegaard

-- --, Heegaard 1962. p. 162, fig. 75-82

- Margolis et al 1975: 66

Caligus ravidus Leigh-Sharpe, 1936

--, Parker, 1969, pp. 1026, 1027. syn. of ----
C. elongatus

- Margolis et al 1975:66

✓
Caligus randalli Lewis

-- --, Lewis 1964. pp. 156-164, fig. 6a,b,d-f,h-l,n-q.
7a-d

--, Lewis, 1967, p. 170

— Margolis et al 1975: 66

-- LUQUE + TAKEMOTO, 1996: 534

Caligus raniceps Heegaard

— — —, Heegaard, 1943, p. 9, figs. 13-20, ♂, host
unknown, Bay of Bengal

— Margolis et al 1975: 67

-- CABRAL & RAIBAUT 1986: 127

-- BOXSHALL & GURNEY 1980: 171

Caligus rapax Milne Edwards, ♂♀. ^{Caligidae!}

C. elongatus, Nordmann, 1832, pt. 2, p. 24.

— rapax, M. Edwds., 1840, p. 453: pl. 38, figs. 9-12.

— leptochilus, Frey & Teuckart, 1847, p. 165.

— rapax, White, 1850, p. 119: 1857, p. 313.

Host. Gadidae - Trigla - Pleuronectes - Salmo -
Zeus faber - Platessa - Coregonus - Mugil -
Rhombus merluccius - Trygon centrura.
Faroes: European Seas - Atlantic.

- —. Baird, 1850, p. 270: pl. 32, figs. 2+3.
— *gurnardi*, Kröyer, 1838, p. 150: pl. II, fig. 3.
— *lumpi*, Kröyer, 1838, p. 147, 177: pl. II, fig. 2.
— *rapax*, Stp. + Tütken, 1861, p. 359: pl. II, fig. 4.
— —, Kröyer, 1863, p. 71. [pl. I, figs. 1-2]
— —. Olsson, 1869, p. 8; Norman, 1869, p. 300.
— —. Smith, 1873, p. 457; 575.
— —. Richiardi, 1880, p. 148.
— —. R. Rathbun, 1884, p. 487. p. 198
— —. Brian, 1898, p. 10: pl. II, fig. 6: 1899, c,
— —. Lönnberg, 1889, p. 148.
— —. Scourfield, 1903, p. 540.

C. rapax ②

Caligidae.

- — . Bussett-Smith, 1899, p. 448 : 1896, p. 156.
— — . T. Scott, 1900, p. 148 : pl. V, figs. 13-19.
— — . A. Scott, 1904^b, p. 118 : 1904^a, p. 38.
— — . Gadd, 1904, p. 17.
— — . Brian, 1908, p. 2 : 1909^a, p. 2.
— — . Wilson, 1905, p. 568 : pl. VII, 15 text figures.
— — . M. J. Rathbun, 1905, p. 89.
— — . Hofer, 1904, p. 144, p. 180
— — . Brian, 1912, p. 5 : pl. 6, figs. 1-4.
— — . Pearson, 1906, p. 24.
— — . Fowler, 1912, p. 480

- — Norman & Brady, 1909, p. 155.
— — T. Scott, 1906, b. p. 367.
— — Williams, 1907, p. 70. p. 454
— elongatus Krøyer, 1837, p. 201; M-Edwards, 1840, A
— rapax, MacIntosh, 1874, p. 262,
— — B-Smith, 1896, p. 156.
— — Timm, 1894, p. 396
— — Hausen, 1923, p. 29.
— — Thompson, 1893, p. 211: pl. 27. f. 4.
— — Wilson, 1932, p. 403: fig. 250.
— — Pesta, 1934, p. 19: fig. 12.
— — Heegaard, 1943, p. 8.
— — Brian, 1935, pp. 153-158, fig. 1, 1-12; fig. 2, 13-14.
— — Thomsen, 1949, p. 3, pl. 1, fig. 1-17.

Caligus rapax H. Milne-Edw.

- --, Heegaard 1962. pp. 156.
- , Izawa, 1969, p. 153
- , Umminger, 1968, p. 254
- , Parker, 1968, p. 365
- , Parker & Margolis, 1964, p. 888
- , Parker, 1965, p. 93-
- , Kabata, 1970, p. 69, = C. ~~rapax~~ elongatus
- , Umminger, 1968, p. 254.
- , Parker, 1969, pp. 1013-1035.
- many previous misidentifications=C. elongatus-
- , Parker & Margolis, 1967, p. 87-101, figs. 1-8 over
- Margolis et al 1975: 67-70

--, Heegard, 1959, p. 232, fig. 1.

--, Stephensen, 1940, p. 3

--, Brian, 1932, p. 47, 49, 50, fig. 1-20

--, Carvalho, 1956, p. 17

--, Brian, A., 1939, pp. 4, 7

--, FLEMINGER & CLUTTER, 1965: 102

--, ACLOQUE, 1899: 198

--, HOGA 1984: 109, FIG. 3-3-4, NAUPLII

--, REGNER 1987: 374-, ADRIATIC

--, CRESSEY, R. & NUTTER 1987: 601

CALIGUS RAPAX H. MILNE-EDWARDS

CARD 4

- NERESHFIMER 1909b: 74, FIGS. 318, 319, GERMANY
- SHIH ET AL. 1971: 57, CANADA - ATLANTIC
- LEGARÉ + MACLELLAN, 1960: 434, MAINE / NEW BRUNSWICK
- ALVAREZ-SILVA 1996: 18, 19, TAB. 2, VERACRUZ,
MEXICO

4
Caligus rapax of Baird (partim), 1850

--, Parker, 1969, pp. 1026-1030. syn. of
C. elongatus

.....
Caligus rapax of Steenstrup and Lutken, 1861
and of later authors. 5

--, Parker, 1969, pp. 1026-1030. syn. of
C. elongatus

--, Boer, 1970-2, pp. 4, 9, 10, tbl. 1

.....
Caligus rapax of Thomsen, 1949

--, Parker, 1969, pp. 1026-1030. prov. a syn. of
C. elongatus

Caligus rectus Pearse - see C. chorinemi

Caligidae - Caligoidae

Caligus regalis Leigh-Sharpe, ♀. ♂

— Leigh-Sharpe, 1930, p. 5: pl. 2. f. 2: pl. 3. f. 1. ♀
pl. 3. fig. 2: pl. 4, fig. 1 — ♂.

--, CRESSEY & CRESSEY 1980: 23-24; Figs. 41c-g, 102.

Host. Outside, Euthynnus yaito, Japan.

- Margolis et al 1975: 70

-- CRESSEY ET AL. 1983: 246-, HOSTS

- CRESSEY 1991: 7

Caligus remorae, Brian, ♂. ♀. ^{Caligidae} ✓

— —, Brian, 1905, pp. 564-7, 9 text figs.

— Margolis et al 1975: 71

— CARLI & BRUZZONE 1973b: 130

Host, Body of a Remora, sp., Red Sea.

Caligus reniformis Prabha & Pillai 1983

-- Prabha & Pillai 1983: 5-8, figs. 25-38, n. sp. ♀ only,
host Lethrinus reticulatus, Trivandrum, India

Caligus rissoanus M-Edwards, ♀

-- M-Edwards, 1840, p. 452.

-- Carus, 1885, p. 357.

-- curtus Wilson, 1905, p. 555.

--, Parker, 1968, p. 365

A synonym of Caligus curtus.

--, Parker, 1969, pp. 1025, 1026. syn. of C. elongatus

- Margolis et al 1975: 71

--, ACHOUKÉ, 1899: 198

Caligus ^{validus} robustus Bassett-Smith 7.8. Caligidae ✓ 1

— —, B-Smith, 1898c, p. 361: pl. 11, figs. 1+2.

— —, B-Smith, 1899, p. 457.

— —, Wilson, 1913, p. 212: pl. 28.

— —, Wilson, 1905, p. 558 (key).

— Margolis et al, 1975: 71

Host. Gills of Caranx caranx Indian Ocean

" " Caranx cryso

" " Bathy stoma rimator

7.5 est Indies

— — Brian, 1924, p. 15.

-- --, Pillai 1963. p. 73, fig. 4

--, Parker, 1968, p. 365

--, Carvalho, 1956, p. 19

— —, Pillai, 19?, p. 1589-1590, fig. 68

-- KENSLEY & GRINDLEY 1973: 81

-- CRESSEY, R. & NUTTER 1987: 601, HOST
RECORDS- LOUISIANA

-- CRESSEY 1991: 10, 13-14, FIGS. 168-177; NEW HOSTS
& RECORDS- BELIZE, FLORIDA, PHILIPPINES &
CELEBES, BORNEO, TUTUILA & REVILLAGIGADO
ISLANDS.

Cressley: robustus s. n. validus

CALIGUS ROBUSTUS BASSETT-SMITH, 1898

2

- LUQUE + TAKEMOTO, 1996: 534

Caligus rotundigenitalis Yu, ♀

— — Yu, 1933, p. 118: pl. 1. figs. 1-7; pl. 2. figs. 1-4.

— —, M.P. Rangnekar, 1959, pp. 43-46, text-fig. 1, a-m. Gills of Caranx
speciosus Lacép., Bombay, India.

— —, Pillai, 19?., p. 1592, fig. 76

— — Margolis et al 1975: 71

Host, Gill cover of Lutjanus malabaricus.

— — Leong, 1984: 168-173, figs. 16-19.

— — SHEN 1957: 351-

Caligus rufimaculatus ♂, ♀. Wilson. ^{Caligidae.} ✓

— —. Wilson, 1905, p. 561: pl. V, fig. 51-64.

— —. M. J. Rathbun, 1905, p. 89.

— — Wilson, 1932, p. 402: fig. 249

--, Brian, 1932, p. 47

— Margolis et al 1975: 72

Host. Fundulus heteroclitus + F. majalis.

outside of body + fins. ♂ taken
• in tow at Beaufort, N.C.; Woods Hole

- Devey, 1952a: 92

-- CRESSEY 1991: 11, 14-, FIGS. 178-187, NEW HOSTS &
RECORDS- FLORIDA, GULF OF MEXICO

-- LUQUE & TAKEMOTO, 1996: 539

Caligus rufus. n. sp. ♀.

— —, Wilson, 1908, p. 597, plate 50 f, 15-31.

— —, Wilson, 1932, p. 401: fig. 247.

— Margolis et al 1975: 72

-- PRABHA & PILLAI 1983: 8, IN SUBGENUS METACALIGUS

Host Outside surface & gill-cavity of
Catfish, Felichthys marinus.

Beaufort, N.C.

✓
Caligus rugosus Shiino

1959---pp. 267-272, figs. 1 & 2.

--, LEWIS, 1967: 152

- Margolis et al 1975: 72

- BOXSHALL + GURNEY 1980: 172, TAB. 1

Caligus russellii Kurian

Kurian 1952 I.C. pp 1-21, pls. i-iii

-- --, Pillai 1963. pp. 79-80, fig. 8

-- --, Pillai, 1971, p. 1579, fig. 42

- Margolis et al, 1975: 72

- C. L. LIN ET AL. 1994: 259

Caligidae. ✓

Caligus salmonis, Oken. ♀.

—, Oken, 1815-6, p. 359.

a synonym for Dinematura
producta

Caligus salmonis Krøyer, ♀.♂. Caligidae ✓

-- 1837, pl. 6, fig. 7, a-e; 1838, p. 13.

--, Parker, 1968, p. 363; transferred by Smith, 1874

A synonym of Lepeophtheirus S.
(Wilson, 1905, p. 555),

--, Kabata, 1973, p. 750 & 754, a syn of Lepeophtheirus
salmonis.

- Margolis et al, 1975: 72 - 73

- BERLAND + MARGOLIS 1983: 287

Caligus sarda Pearse - see C. bonito

Caligus saucius Dojiri, 1989

-- Dojiri 1989:363, 369-374, figs. 18-39, n. sp.,

female only, host Cirripectes castaneus, S. Africa

Caligus savala Gnanamuthu

1948---Gnanamuthu, C.P., pp. 591-606, 8 text figs.

- FANTA, 1976: 212

- CRESSEY & CRESSEY 1980: 35; Figs. 73a-f.

- Pillai, 19?, p. 1592, fig. 75.

- Margolis et al 1975: 73

- CASTRO ROMERO & BAEZA KUROKI 1982: 158, 161.

- BRESCIANI, 1986: 139 - TEGUMENT

- KABATA & HEWITT 1971: 1143 -

✓

Caligus scabiei Gnanamuthu

1950---Gnanamuthu, C.P., pp. 114-115, figs. 17-30.

- , Pillai, 19?, p. 1594, fig. 80

- Margolis et al 1975:73

- Boxshall & Gurney 1980:177, TAB.1

Caligus schistonyx, ♂, ♀. Wilson. Caligidae. ✓
CARD 1

— Wilson, 1905, p. 564: pl. VI, f. 65-78.

— M. J. Rathbun, p. 89, 1905.

— Wilson, 1932, p. 401: fig. 248.

— Van Engel & Tan, 1965, p. 184-

— Margolis et al 1975: 73-74

Host. Menhaden (*Brevoortia tyrannus*).

Blue fish (*Pomatomus saltatrix*).

From the tow. Woods Hole -

Caligus schistonyx C.B. Wilson, 1905

card 2

-- Zwerner & Lawler 1972:83, Chesapeake Bay, host

Brevoortia tyrannus

Caligidae-Caligoida ✓

Caligus sciaenae Gnanamuthu

Gnanamuthu, C.P., --- 1947, pp. 43-48, 2 text-figs.

- , Pillai, 19?, p. 1590, fig. 70

- Margolis et al 1975:74

- DOJIRI & CRESSEY 1991: 604-

Caligus sciaenops Pearse - see C. haemulonis

Caligus scomberi, B-Smith, ♀.

—, B-Smith, 1896^a, p. 156.

—, —, 1896^b, p. 11, pl. III, fig. 2.

—, —, 1899, p. 450.

scomberi, T. Scott, 1901, p. 124, pl. VII, figs. 9, 10.

scomberi, A. Scott, 1904^b, p. 118; 1904^a, p. 38.

—, Parker, 1968, p. 363: jr syn.

Host: Gills + Gill-chamber of Scomber scomber.

— Margolis et al 1975: 74

English Seas.

(over)

= C. productus, Dana. Wilson, 1905, p. 555.

Caligus scombri J. v. Thompson in W. Thompson, 1856

---, Parker, 1968, p. 364: nom. nud.

- Margolis et al 1975: 75

CALIGUS SCRIBAE ESSAFI, CABRAL + RAIBAUT, 1984

-- ESSAFI ET AL. 1984: 476, 502-507, FIGS. 59-79,

1.sp. ♀♂, HOST JERRANUS SCRIBA, TUNISIA

- CABRAL + RAIBAUT 1986: 127

Caligus scutatus M-Edwards, ♀. ✓

— —, M-Edwards, 1840, p. 453.

— —, Stp. & Lütken, 1861, p. 362.

— —. B-Smith, 1899, p. 457.

—, Parker, 1968, p. 364: nom. nud.

Host. Unknown —

—, Lewis, 1967: 107, 109

— Indian Ocean.

— Margolis et al. 1975: 75

Stp. & Tütken say this is closely related to their sp. coryphaeuae, but since it came from the Indian Ocean while coryphaeuae is Atlantic, they are probably not the same.

B. Smith makes scutatus a synonym of coryphaeuae, but if this be true then scutatus has priority and coryphaeuae must be dropped.

Coryphaeuae is well established, both ♂ and ♀ being figured and described - and the types preserved - Scutatus was never figured, the male is unknown, and we can never be sure that it is the same as coryphaeuae. Therefore the latter ought to stand.

CALIGUS SENSILIS KABATA + GUSEV, 1966

- KABATA 1966: 161-163

KABATA 1968: 3

- PARKER ET AL. 1968: 1945

MARGOLIS ET AL. 1975: 75

- BOXSHALL + GURNEY 1980: 172, TAB. 1

✓
Caligus sensorius Heegaard

-- --, Heegaard 1962. pp. 163-164, fig. 83-91

—Margolis et al 1975: 75

- DOJIRI 1989: 367 -

ALIGUS SEPETIBENSIS LUQUE + TAKEMOTO, 1996

- LUQUE + TAKEMOTO 1996: 529, 531-535, FIGS. 2-15,

BRAZIL; HOSTS ORTHOPRISTIS RUBER + HAEMULON.. .

Calligadae - Calligoidae ✓

Calligada seriolae Yamaguti ♀

— Yamaguti, 1936, p. 2: pl. 1, figs. 1-13.

— Margolis et al 1975: 75

Host. Gills of Seriola quinqueradiata Temm. & Schleg.
Japan

Caligus serrani Richiardi, ♀

- — Richiardi, 1880, p. 148. nomen nudum.
 - — Carus, 1885, p. 359.
 - — Wilson, 1905, p. 556.
 - — Parker, 1968, p. 364: nom. nud.
 - Margolis et al 1975: 75-76
- Host. Serranus gigas.

○ Mediterranean.

✓
Caligus serratus sp. nov.

-- -- , Shiino, 1965, p. 397-403.

— Margolis et al, 1975: 76

Caligus setosus Pearse - see C. haemulonis

CALIGUS SIBOGAE BOXSHALL + GURNEY, 1980

- BOXSHALL + GURNEY 1980: 167-171, FIGS. 5-7,

N.S.P., NO HOST OR LOCALITY

Caligus smaridis Richiardi, ♀.

— Richiardi, 1880, p. 148. nomen nudum.

— Wilson, 1905, p. 556.

—, Parker, 1968, p. 364: nom. nud.

— Margolis et al 1975: 76

Host. Unknown.

○ Mediterranean.

Caligus smithii Lamarck, ♀.

Caligidae. ✓

— — Lamarck, 1818, p. 210

Anthosoma — Baird, 1850, p. 299: pl. 32, fig. 9.

— — Wilson, 1905, p. 555.

, Parker, 1968, p. 362: transferred by Baird, 1850

A synonym of Anthosoma smithii.

(Wilson, 1905, p. 555).

--, Parker, 1969, p. 1020.

— Margolis et al 1975: 76

Caligus sphyraenae Nunes- Ruivo ✓

-- -- Nunes - Ruivo, 1956, pp. 72-73, fig. 3..

Madagascar

Pillai, 1963 pp 90-92 fig 15 ✓

- Margolis et al 1975: 76

Caligus spinosurculus Pearse ✓

Pearse, 1951, p. 346, fig 69, a-c

— Margolis et al 1975 : 76

Caligus spinosus Yamaguti ♀

Yamaguti, 1939, p. 445: pl. 14, figs. 4-8.

-- --, Shiino 1960. pp. 476-482, fig. 3-4

-- --, Pillai 1963. pp. 76-77, fig. 6

--, Izawa, 1969, pp. 127-57, 20 figs.

--, Kabata, 1972, p. 1592

Host Gills, *Seriola quinqueradiata* Temm. & Schleg.

- Margolis et al 1975: 76

Taruma, Japan

--, Yamaguti & Yamasu, 1960, p. 147-148, pl 11: figs.
29-39.

-- DO ET AL. 1984: 23.

-- BEN HASSINE, 1983: 299

-- BOXSHALL 1974: 699

-- IZAWA 1987: 177-

-- P.J. WHITFIELD ET AL. 1988: 584-

-- ANSTENSRUD 1990b: 270-

-- FERRARI 1993b: 766, TAB. 1

-- I.H. KIM 1993: 27-28

Caligidae
Caligus stromatei Krøyer, ♂.♀.

— — Krøyer, 1863, p. 43: pl. 4, fig. 1, a-f.

— — B. Smith, 1899, p. 449.

— — Wilson, 1905, p. 556 (key).

— —, Parker, 1968, p. 365

Host. Stromateus sp.

— Margolis et al 1975: 77

East Indies.

Caligus stromii Baird - ♀

✓
①

— Baird, 1849, p. 260

figs-8-9

Lepeophtheirus — Baird, 1850, p. 274: pl. 32,
— Margolis et al 1975: 77

A synonym of Lepeophtheirus salmonis
(Wilson, 1905, p. 555).

--, Parker, 1968, p. 363: transferred by Baird, 1850.

--, Kabata, 1973, p. 750 & 754, a syn. of Lepeophtheirus
salmonis

Caligus strömii Baird 1848

card 2

-- Berland & Margolis 1983: 284-5

Caligus sturionis Krøyer - see Lepeophtheirus

Caligidae ✓

Caligus suffusus Wilson ♀

—, Wilson, 1913, p. 219: pl. 30, figs. 107-115.

—, Wilson, 1935, p. 330. Gills of Calanus bajonado; outer surface of Lochnolaimus maximus; lip of barbero, Acanthurus caeruleus — All from Dry Tortugas.

Host, Mouth of Scaurus caeruleus.

— Margolis et. al 1975: 77-78

-- CRESSEY 1991: 11, 14-15, FIGS. 188-197, NEW HOSTS, West Indies.

REEF

Caligidae - Caligoida ✓

Caligus tanago Yamaguti ♀

— — Yamaguti, 1939, p. 447: pl. 14, figs. 9-11; pl. 15, figs. 12-13.

— Ho, 1983c: 42

— Margolis et al 1975: 78

-- I. H. KIM 1995: 301, 310-313, FIGS. 6, 7, YELLOW SEA OFF KOREA; EX DITREMA TEMMINCKI.

Host Gills, Ditrema temmincki, Bleeker

Tsurumi, Japan.

Caligus tenax Heller - see C. chorinemi

CALIGUS TENUICAUDATUS - SEE C. LALANDEI

Caligidae Caligoida ✓

Caligus tenuifurcatus Wilson, ♀♂

— Wilson, 1937, p. 428: text-figs. 26-32

— Margolis et al 1975: 78

-- DEETS + BENZ 1988: 866, 870-873, FIGS. 6-8,

♀♂ EX NEMATISTEUS PECTORALIS, SEA OF CORTEZ

Host. Gill cavity Nematisteus pectoralis
Panama Bay.

Caligus tenuis Fowler, ♀.

Caligidae.

— —. Fowler, 1912, p. 124.

(Probably a synonym of Caligus rapax)

Host. Tail fin of Leptocephalus (Atopichthys).

— Margolis et al 1975:78

New Jersey—

Caligus teres, Wilson, Caligidae. ✓
♂, ♀.

— Wilson, 1905. p 649; pl. XXVI.

— Margolis et al 1975: 78

-- Castro Romero & Baeza Kuroki 1982: 154

-- BAEZA K. + CASTRO R. 1982: 3

Hosts, Chimera (Callorhynchus)
Ray — outside surface.
Lota, Chile

Caligus tesserafer Shiino

1952--- Shiino, Sueo M., pp. 89-92, figs. 5 A-M

- Margolis et al 1975:78

Caligus tetrodontis Barnard, 1948

- Kensley & Grindley 1973: 123
- KENSLEY 1970b: 171
- MONTU' 1982: 329-331, FIGS. 1a-i, ♂; LAGOA DOS PATOS, RIO GRANDE, BRAZIL
- DOSIRI 1989: 363
- BOXSHALL + GURNEY 1980: 171

Caligus thymni, Dana, ♂. ♀.

—, Dana, 1852, p. 1353; pl. XCIV, fig. 3a-c.

—, —, 1849, p. 56.

—, T. Scott, 1894³, p. 129; pl. XIV, fig. 21.

—, B. Smilk, 1899, p. 451 (= *C. coryphaenae*)

— Margolis et al 1975: 78

Host: *Thynnus pelamys*, on the body (Dana)
Tow-net gathering, (Scott).

Woods Hole: English Seas.

- — Wilson, 1905, p. 556 (key); p. 603: pl. 15.
— — T. Scott, 1914, p. 379: pl. 16. f. 13-14.
— — Brady, 1910, p. 588: text-fig. 69—
— — Pillai, 1963 pp 89-90 fig 14
—, Parker, 1968, p. 365

✓
Caligus thynni Pillai

- Pillai, 1962, p. 89, fig 14

- Margolis et al 1975: 80

CALIGUS THYRSITAE KAZACHENKO, KURATAEVA +
KUROCHKIN

-- BOXSHALL + GURNEY 1980: 172, TAB. 1

Caligus torpedinis Heller, ♀.

- — Heller, 1865, p. 176: pl. 15, fig. 6.
- — B. Smith, 1899, p. 451.
- — Wilson, 1905, p. 560 (key).
- —, Parker, 1968, p. 365

Host, Gills of Torpedo sp.

Indian Ocean.

- Margolis et al 1975: 80

Caligus trachuri Richiardi, ♀.

— — Richiardi, 1880, p. 148. nomen nudum.

— — Carus, 1885, p. 359.

— — Wilson, 1905, p. 556.

—, Parker, 1968, p. 364: nom. nud.

— Margolis et al, 1975: 80

Host. Trachurus trachurus.

Mediterranean

trachuri

Caligus trachini Richiardi, 1880

--, Parker, 1968, p. 364: nom. nud.

- Margolis et al 1975: 80

Caligus trachynoti Heller, ♂.♀.

-- Heller, 1865, p. 169: pl. 15, fig. 1.

-- B-Smith, 1899, p. 449.

-- Wilson, 1905, p. 561 (key).

--, Parker, 1968, p. 365

- Margolis et al 1975: 80

Host. Gills of Trachynotus sp.

-- LUQUE + TAKEMOTO, 1996: 534

Brazil.

Caligus trachypteri Krøyer, ♀.

— — Krøyer, 1863, p. 57: pl. 3, fig. 1, a-f.

— — Sars, 1885, p. 358.

— — Brian, 1905, p. 3: pl. 3, figs. 1-7.

— — Wilson, 1905, p. 559. (key).

—, Parker, 1968, p. 365

Host, Trachypterus sp.— Margolis et al, 1975⁸⁸⁰⁻⁸¹ Mediterranean.

--, Parker, 1969, pp. 1025, 1026, 1029.. syn. of
C. elongatus.

✓
Caligus triangularis Shiino, 1954

1954---Shiino, Sueo M., pp. 146-149, 1 text-fig.

Host: Halichoeres poecilopterus (T. & S.)

---, Kabata, 1968, p. 8

- Margolis et al, 1975: 81

-- BOKSHALL + GURNEY 1980: 172, TAB. 1

Caligus trichiuri Krøyer, ♂. ♀.

- — Krøyer, 1863, p. 46: pl. 4, fig. 2, a-g.
- longicaudus B-Smitth, 1898, p. 8: pl. 4.
- — B-Smitth, 1899, p. 453.
- trichiuri Wilson, 1905, p. 558 (key).
- , Parker, 1968, p. 364

Host. Trichiurus haumela: Chirocentris
dorab.

East Indies.

- Margolis et al 1975: 81

- Capart, 1959: 85 - 87

Caligus tripedalis Heegaard, 1972

n. sp., Heegaard, 1972, pp. 299-303, figs. 13-31.

— Margolis et al 1975: 81

Caligus truttae, Giard ♀.

—, Giard, 1890, p.

Host: Salmo trutta

Wimereux.

✓
Caligus tylosuri Rangnekar

-- --, Pillai 1961. pp. 96-98, fig. 6

--, Cressey & Collette, 1970, p. 376, fig. 113-116

--, HAMEED + PILLAI, 1973a: 117

--, Pillai, 1966, p. 132-133, fig. 6

-- Pillai, 197?, p. 1585

— Margolis et al 1975: 81

-- BOXSHALL + GURNEY 1980: 171

Caligus undulatus Shen & Li

Caligus undulatus Shen & Li, 1959

Tsingtao Harbor, China.

--, Pillai, 1966, p. 123-124, fig 1

--, Pillai, 19?, p. 1595, fig. 83

— Margolis et al 1975: 81

-- Montú 1982: 329, 331-333, FIGS. 2a-d, 7,

PARANAGUÁ BAY, PARANÁ, BRAZIL

✓
Caligus unguidentatus Rangnekar and Murti

1950--- Rangnekar, P.G. and N.N. Murti, pp. 21-26,
figs. 1-13. On gills of Clupea tali Day.

- Margolis et al 1975 : 82

Caligus uranoscopi Vassiere, 1955 ✓

- Vassiere 1955, p. 283, 1 pl.

-- KABATA & TAREEN 1984: 62.

Caligus (Metacaligus) uruguayensis Thomsen

Thomsen; Ricardo, 1949, p. 3-11, pls. 2-3. [Includes descr. & figs. of chalimus I-III]. Host:

Trichiurus lepturus L.

--, Ho & Bashirulla, 1977, p. 703, 707 (as synonym of Metacaligus uruguayensis comb. nov.)

- Margolis et al 1975: 82

-- RADHAKRISHNAN + NAIR 1983: 102, ON TRICHIURUS
LEPTURUS, INDIA

-- PRASHA + PILLAI 1983: 8

~~Caligus~~ = robustus -
Caligus validus Pearse

Caligoida Caligidae ✓

1952--- Pearse, A.S., pp. 20-21, figs. 60-69.

- Margolis et al 1975: 82

Cressey: validus = robustus

C.v., Luque + TAKEMOTO 1996: 534

Caligus ventrosetosus Pearse

1952--- Pearse, A.S., pp. 21-22, figs. 70-75.

—Margolis et al 1975: 82

Caligus vespa M-Edwards, ♀.

— — M-Edwards, 1840, p. 456.

Lepeophtheirus stromii B-Smith, 1899, p. 455.

A synonym of Lepeophtheirus salmonis.
(Wilson, 1905, p. 555).

—, Parker, 1968, p. 363: transferred by Baird, 1850

- Margolis et al 1975: 82

--, Kabata, 1973, p. 750 & 754, a syn. of Lepeophtheirus
salmonis

Caligus vesper ? M-E, of Bassett-Smith (1899)

--, Kabata, 1973, p. 750 & 754, a syn. of Lepeophtheirus salmonis

Caligus vexator, Heller, ♀.

- — Reise d. Novara, 1865, p. 165, pl. XIV, fig. 2.
 — — Heller, 1866, p. 753.
 — — Stossich, 1880, p. 255.
 — — Richiardi, 1880, p. 148.
 — — Valle, 1880, p. 58.
 — — Carus, 1885, p. 359.
 — — Brian, 1898, p. 11, pl. II, fig. 9, 1899^c p. 198.
 — — B. Smith, 1899, p. 450.

Host. Gills of Ulen tex vulgaris, Mediter-
 ranean. U. gibbosus and Pagrus vulgaris (Brian).

- Wilson, 1905, p. 558 (key).
-- , Brian, 1924, p. 15: text-fig. 11.
-- , Parker, 1968, p. 365
-- , Brian, A., 1924, p. 376
-- Margolis et al 1975: 82-83
-- Capart, 1959: 87-88, fig. 18a-c
-- ESSAFI ET AL. 1984: 476, 507-509, HOST DENTEX
DENTEX, TUNISIA

Caligus vicarius Hewitt

Caligus longicaudatus Brady, 1899.

Caligus vicarius Hewitt, 1963. pp. 64-65, fig. 1

(see C. longicaudatus Brady for note)

C. longicaudatus Brady stands, C. vicarius incorrect.

- Margolis et al 1975:83

Caligus willungae. Kabata. 1966

p. 121.

C. willungae Kabata, 1965, Kabata, 1968, p. 3

— —, Parter, 1968, p. 1942

— Margolis et al 1975: 83

— C. L. LIN ET AL. 1994: 259

- Caligus wilsoni Delamare-Deboutteville & Nunes-Ruivo, 1958
-- D-D & N-R 1958:219-, figs. 3a-e, nom. nov. for species
described by Wilson (1905:586, pl. XII figs. 135-139)
as C. belonis Krøyer
-- Margolis et al. 1975:83
-- Cressey 1991:15, figs. 38-45, ex Lutjanus griseus,
Charlotte Harbor, Florida; also new record, ex Belone
sp., North Atlantic

Caligus xystercus Cressey 1991

-- Cressey 1991:11,15-16, figs. 206-213, n. sp. ♀ only,
ex Anisotremus virginicus & 6 other spp., Carrie Bow
Cay, Belize

-- LUQUE + TAKEMOTO 1996: 539

Caligus yamaguti

--, Carvalho, 1956, p. 17

— Margolis et al 1975: 83

Caligus zeii. Norman & T. Scott. ♀. ① ^{Caligidae. ✓}

— —, Norman & T. Scott, 1906

— —, A. Scott, 1907, p. 93; pl. I, figs. 1-8.

--, Lewis, 1967: 91

--, Parter, 1968, p. 1942

Host. Gills of dory, Tricus feber.

- Margolis et al 1975: 83

Europe.

Caligus zei Norman & T. Scott, 1906

card 2

-- Castro Romero & Baexa Kuroki 1982: 158,160.

-- DOJIRI 1989: 363

-- KABATA 1992: 62 - , FIG. 14A-E, HOST LIST

CALIGUS SP.

- TARVER + SAVOIE 1976: 72, LAKE PONTCHARTRAIN, LA.
- GRANT 1977: 4-9, OFF NEW JERSEY
- SHIH ET AL. 1971: 157, CANADA - PACIFIC, =
C. GURNARDI OF FRASER, 1920
- NAGASAWA 1993a: 312

Caligus sp.

___ sp., Dakin & Colefax 1940, p. 117, 3 sp. Australia,
Figs. 205G, 205 H, 205I.

-6---, Shiino 1960. pp. 542-546, fig. 1-2.

----, Heegaard 1962. p. 168

--, Van Engel & Tan, 1965, p. 184-

-- Sankurathri et al. 1983: 9, 18 (=? C. clemensi?)

Caligus sp. Nicholls

Nicholls 1944, p. 60, fig. 28 ♂

-, HERMAN, ET AL., 1968: TAB. 2

--, FIGUEIRA 1971: 157.

- { [Caligidae gen. sp.] larvae

{ Kazatchenko & Audev, 1977: 31-33, fig. 1. (a-i)

Caligus sp. A

--, Cressey, & Collette, 1970, pp. 403, 428, 378, figs. ¹²⁰⁻123

Caligus sp. Essafi, Cabral & Raibaut 1984

-- Essafi et al. 1984: 476, 502, fig. 58, Serranus scriba,

Tunisia

Caligus sp. B

--, Cressey & Collette, 1970, ~~pp.~~^{figs.} 124-127, p. 402, 378

Caligus sp. ♀

--, Cressey & Collette, 1970, p. 378, figs 128

- Marques, 1949: 26, fig 3 a, d, e.

Caligus sp. D

--, Cressey & Collette, 1970, p. 378, 401, figs. 129-
130.

Caligus n. sp. Cressey & Nutter

-- Cressey, R. & Nutter 1987: 601, Louisiana

Caligus spp.

- , Cressey & Collette, 1970, pp. 350, 400
--, MOORE & SANDER, 1979: 200
--, Parker, & Margolis, 1967, p. 93
--, Ho & Bashirullah, 1977, p. 703-713