

Lepeophtheirus, valid

Nordman, 1832

Le. pectoralis.

Syn.: Lepeophtheirus Nordmann, 1832, p. 30.  
Lepeophtheirus Wilson, 1905, p. 615.  
Lepeophtheirus T. & A. Scott, 1913, p. 64.  
Papulina P. J. van Beneden, 1892, p. 254.

λέπιος = scale : φθείρ = louse.

Carapace large, shield-shaped. Frontal plates  
without lunules. Mandibles toothed only on the  
inner margin - 2<sup>nd</sup> mx. small, bifurcate,  
the branches acuminate.

1<sup>st</sup> + 4<sup>th</sup> swimming legs uniramous - second  
+ third biramous - Free thorax seg't simple,  
without dorsal plates - Gen. seg't. also simple,  
without plates or processes - Abdomen one or  
two-segmented - The young with a frontal fil-  
ament as in Caligus.

Lepeophtheirus

(2)

- , Kabata, 1973, p. 732-33--key - CANADIAN PACIFIC
- , Pillai, 19?, p. 1605
- FRYER 1978a: 345
- BOXSHALL 1986b: 176
- NERESHEIMER 1909b: 75, DIAGNOSIS / KEY
- KABATA 1988b: 5, ORIGIN OF NAME
- KABATA 1991: 119

Lepeophtheirus

(3)

- , Heegaard, 1972, p. 306
  - Dojiri, 1983: 214 - 220
  - KABATA 1988: 8, 12, 15-25, KEY TO CANADIAN SPECIES; DIAGNOSIS.
  - KABATA 1988c: 617-622, EVOLUTION
  - LÜNING 1953: 14-
  - KABATA 1992: 66-, DIAGNOSIS, KEY
  - PRABHA 1983: 53-; DENTIGRYPS A SYNONYM; SYN.
- HOMOIOTES

Leopeophtheirus acutus Heegaard

\_\_\_\_ Heegaard 1943a, p. 4, fig. 12-24, ♀ imm. ♂,  
Gilbert Islands, Host: Taeniura lymma, ray

--Kabata, 1973, p. 758

--Kabata, 1974, p. 47

-- KABATA 1988b: 5

Lepeophtheirus aesopus, n. sp. ♀

Caligidae.

— —, Wilson, 1906<sup>a</sup>, p. 192: pl. 1, figs. 11-1

--, DOZIRI, 1979: TAB. 2

— —, Pillai, 19?, p. 1607, fig. 110.

Host, Petrodon stellatus.

Ceylon.

LEPEOPHTHEIROS ANGUILLI HAMEED, 1976

- HAMEED, 1976 2: 161-165 ♀♂; FIG. 1-20;  
EX PROTOZOUS ANGUILLARIS (FISH), INDIA
- CASTRO & BAEZA 1981: 326
- DOJIRI & CRESSAY 1991: 595

Lepeophtheirus anomalus (Pillai, 1967)

-- Castro & Baeza 1981: 326



Lepocephtheirus appendiculatus, Kröyer, ♂. Caligidae.

- —. Kröyer, 1863, p. 133; pl. VI, fig. 4a-i  
— — Wilson, 1905, p. 616 (key).  
— —, DOTIRI, 1979: TAB. 2

Host, Raia clavata

Kattegat.

Lepeophtheirus argentus Hewitt

-- -- Hewitt, 1963. pp. 97-104, fig. 11-12

--, DOTIRI, 1979: TAB. 2

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

-- CASTRO + BAEZA, 1984: 203

-- KENSLEY + GRINDLEY 1973: 86

Lepocephtheirus bagri, Dana ♂.♀. <sup>Caligidae</sup>

— —, Dana, 1849, p. 57.

— —, ———, 1852, b, p. 1357; pl. XCIV, fig. 6a-

— —, Bassett Smith, 1899, p. 457.

— — Wilson, 1905, p. 616.

--, DOFIRI, 1979: TAB. 2

Host, Bagrus, sp. (argenteus, Kr.).

○ Rio de Janeiro.

Caligidae - Caligoida.  
Lepeophtheirus bifidus Fraser. ♂. ♀. ①

-- Fraser, 1920, p. 49: pl. 2, f. 22-35.

--?, Ho, 1972, p. 993

-- Kabata 1973

-- ~~Fraser, 1920~~, p. 733-5; fig. 1-17

--, Kabata, 1973, p. 1893 (= Homoioetes palliata, in part)

Host. Outside of Lepidopsetta bilineata

--, DOTIRI & PERKINS, 1979: 803

--, DOTIRI, 1979: TAB 2 ○ Vancouver Island.

p. 733-735 f. 1-17

Lepeophtheirus bifidus Fraser, 1920

card 2

-- Castro & Baeza 1981: 326

— Ho, 1975: 70-71

-- KABATA 1988: 15, Figs. 6 A-G; HOST LIST; 21

Lepocephtheirus bifurcatus, <sup>Caligidae</sup> Wilson, ♀

--, Wilson, 1905, p. 637: pl. 23, figs. 285-29

--, Wilson, 1908, p. 440.

-- Kabata, 1973, p. 735, 758

--, DOTIRI, 1979: TAB. 2, 3

-- CASTRO & BAEZA 1981: 326

Host. Pacific Flounder (Psettichthys melano-  
stictus). outside surface.

Caligoida Caligidae

Lepeophtheirus bonaci Pearse 1952

1952--- Pearse, A.S., pp. 204-206, figs. 40-49

--Kabata, 1973, p. 758

--Kabata, 1974, p. 47

-- CASTRO + BAEZA 1981:326

Lepocephtheirus brachyurus, Heller. ♀.

- —, Heller, 1865, p. 185; pl. XVI, fig. 4.  
 — —, Bassett-Smith, 1899, p. 453.  
 — —, Wilson, 1906, p. 190: pl. 1, fig. 1-10.  
 — —, Wilson, 1908, p. 441.  
 — —, Pillai, 19?, p. 1608, fig. 112
- Host. Gills of Tetrodon stellatus and  
T. calamariae,

Java.



- Wilson, 1905, p. 617,

--Kabata, 1973, p. 758

--, Kabata, 1974, p. 47

-, DOJIRI, 1979: 261

- CASTRO & BAEZA 1981: 326

- KENSLEY & GRINDLEY 1973: 123

Lepocephtheirus branchialis, Malin, ♂. ♀. Caligidae

Caligus branchialis, Malin, mss.

— —. Stp. & Lütken, 1861, p. 362; pl. II, fig. 3.

— —. Olsson, 1869, p. 12.

A synonym for Lo. thompsoni.

— —, Gadd, 1904, p. 19.

Caligidae - Caligoidae  
Lepeophtheirus breviventris Fraser, ♂, ♀.

— Fraser, 1920, p. 51: pl. 3, f. 36-46.

~~— Fraser, 1920; p. 735-38; fig. 18-34.~~  
Kabata 1973

--, Kabata, 1973, p. 1892 (= Homoiotes palliata in part)

-- CASTRO & BAEZA, 1984: 203

-- CASTRO & BAEZA 1981: 326

Host. Mouth of Ophiodon elongatus.

-- KABATA 1988: 18, FIGS. 8A-G; HOST LIST; 24

Vancouver Island

p. 735-738, figs. 18-34

LEPEOPHTHEIROS BYCHOWSKYI <sup>GUSEV</sup> ~~GUSSEV~~, 1951

-- HAMEED, 1976a: 165

-- CASTRO & BAEZA 1981: 326

-- HO & I.H. KIM 1996: 286-288, FIGS. 8, 9, BERING SEA;  
SYN. L. WATANABEI SHINO, NEW SYNONYMY.

LEPEOPHTEIRUS  
Lepeophtheirus watanabei Shiino

1954---Shiino, Sueo M., pp. 96-100, 1 text-fig.

Host: Myxocephalus raninus J. & S.

--Kabata, 1973, p. 758

--, LEWIS, 1967: 81

-- CASTRO & BAEZA 1981: 326.

Trapeophthirus chaenichthyis <sup>Caligidae.</sup> Cunningham 3.

Caligus c....., Cunningham, 1871, p. 500: pl. 59, fig. 15.

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

Patagonia.

LEPOTHTHEIRUS CHANTONI GUSSEV, 1951

--, DOTIRI, 1979: TAB. 3

-- CASTRO & BAEZA 1981: 326

Lepeophtheirus chilensis, <sup>Caligidae.</sup> Wilson ♂, ♀.

— —, Wilson, 1905, p. 658: pl. 28, figs. 353  
— 364.

♀ — —, Stuardo et Fagetti 1961. pp 57-58

--Kabata, 1973, p. 758

--DOTIRI, 1979: TAB. 2, 3

Hosts, Sebastes, sp.

Ray -

Lota, Chile.



LEPFOPTHYRUS CHILENSIS C. B. WILSON, 1905 CARD 2

-- CASTRO + BAEZA, 1984: 197, 204

-- CASTRO + BAEZA 1981: 318

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

## Lepeophtheirus christianensis Wilson

Wilson 1944, p. 533; pl. 28, figs. 124-131

♀♂ Host: sea catfish (Galeichthys sp.). Miss.

--Kabata, 1974, p. 47

--CASTRO & BAEZA 1981: 326

Lepeophtheirus clarionensis Shiino

1959---pp. 300-304, fig. 14.

--Kabata, 1973, p. 758

--Kabata, 1974, p. 47

--, DOTIRI, 1979: TAB. 2, 3

-- CASTRO & BAEZA 1981: 326

Topeophthirus constrictus, ♀, n. sp. Caligidae.

— —, Wilson, 1908, p. 443: pl. 69.

--Kabata, 1973, p. 758

-- KENSLEY & GRINDLEY 1973: 86


Host. Spotted Cabilla, Paralobran  
maculato-fasciatus

La Jolla, California

Lepeophtheirus cossyphi, Kröyer, ♀.

- —, Kröyer, 1863, p. 115; pl. VII, fig 6, a-e.  
 — —, Bassett-Smith, 1899, p. 454.  
 — —, Wilson, 1913, p. 220.  
 — — Wilson, 1905, p. 645: pl. 25, fig. 311-313.  
 — —, Kabata, 1973, p. 758

Host. Gills of Cossyphus bodjanus.

— CASTRO & DAEZA 1981:  326.

West Indies.

--, Kabata, 1974, p. 47

Lepeophtheirus crabro, Kröyer, ♂, ♀.

- —, Kröyer, 1863, p. 129; pl. VI, fig. 3a-h  
 — —, Bassett-Smith, 1899, p. 456.  
 — —, Wilson, 1905, p. 616 (key).  
 --Kabata, 1973, p. 758

--DÖRRI, 1979: TAB. 2

Host. Outside surface of Flounder.

Kattegat.

Lepeophtheirus crassus (Wilson et Bere)

- --- Shiino 1963. pp. 337-339, fig. 2
- --- Shiino 1960. pp. 546-552, fig. 3-4
- Lewis, Dean, & Giffillan, 1969, p. 421, Tbl. 19
- , Lewis, 1967, pp. 76-79, 81, 83, figs. 28-30
- , Kazachenko, 1975, p. 213
- , Pillai, 19?, p. 1607, fig. 109
- CASTRO & BAEZA 1981: 326



Lepocephtheirus crassus / Wilson &  
Bere, 1936

→ Kazachenko, 1975: 213

Lepeophtheirus cuneifer Kabata, 1974

--, Kabata, 1974, p. 43-47, figs. 1-20

--, DOJIRI, 1979: 257, 258

-- CASTRO & BAEZA 1981: 322, 326

-- DOJIRI & BRANTLEY 1991: 735

Lepeophtheirus curtus (Wilson, 1911)

— Dojiri, 1983: 232-236, fig. 93-95

Lepeophtheirus dissimulatus, Wilson

—, Wilson, 1905, p. 631: pl. 22.

—, Linton, 1907, p. 120

—, Brian, 1924, p. 30 (391)

—, Heegaard, 1943, p. 20. Thynnus pelamys, Bermuda  
Mycteroperca xenarcha Jordan?, Galapagos.

—, Yeatman, 1957, p. 350, fig. 17-31. Bermuda, from Epinephelus  
morio (Cuv.) + Mycteroperca  
venosus apua (Bloch).  
E. morio.

Epinephelus labriformis.

Hosts White-spotted Serranus; Red Grouper

Gills. Also Mycteroperca apua

Bodianus  
diplotaenia

Galapagos Islands.

over.

- —, Shiino, 1959b P. 305, Fig 15-16.
- —, Causey, 1960, p. 330. Merluccius productus, Paralichthys californicus,  
Hypsopsetta guttulata, Sphyræna argentea: Ensenada, B.C., Mexico.  
Paralabrax nebulifer, Cholla Bay, Sonora, Mexico. Sphaeroides annulatus,  
Guaymas, Sonora, Mexico. Galeichthys guatemalensis?, Mazatlan, Sonora, <sup>Mex</sup><sub>1</sub>
- --, Lewis 1963. pp. 195-242, fig. 1-20
- --, Lewis 1964. pp. 178-187, fig. 11a-g, 12a-r
- ~~\*\*\*~~ Lewis 1966, p. 8.
- , Izawa, 1969, p. 153
- , Kabata, 1972, p. 1591
- , Ho, 1972, p. 993
- , Kabata, 1974, p. 47
- Wilson, 1937: 29
- , Brian, 1924, p. 391-92

Lepeophtheirus dissimulatus Wilson 1905 card 2

--, Brain, 1931, p. 179

-- Lewis 1969: 67, fig. 3b, p. 70

-- Lewis 1967: 83,84

-- Kabata & Ho 1981: 386

-- Do et al. 1984: 23

-- Castro Romero & Baeza Kuroki 1981: 318-320, 326, fig

1-7, ♀, from Pimelometopon maculatus

-- BEN HASSINE, 1983: 299

-- BOXSHALL 1974: 698-699

Lepeophtheirus dissimulatus Wilson 1905

card 3

-- Youngbluth 1968:920, 925

-- CARLI & BRUZZONE 1977:135

-- KABATA 1988:25, NOT IN CANADIAN WATERS

-- ANSTENSRUD 1990b: 270 -

-- BRON ET AL. 1991: 202 -

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

Lepeophtheirus distinctus Hewitt

-- -- Hewitt, 1963. pp. 109-113, fig. 14

--Kabata, 1973, p. 758

--, Kabata, 1974, p. 47

--, DOJIRI, 1979: TAB. 3

--, Hewitt & Hine, 1972, p. 85

-- CASTRO + BAEZA 1984: 203

-- CASTRO + BAEZA 1981: 326



Caligidae.

Lepocephtheirus edwardsi, Wilson ♂, ♀

— —. Wilson, 1905, p. 627: pls. 21 & 22, fig. 258  
7 text figures.

— —. Smith, 1873, pp. 459, 575. ("Lepocephtheirus sp.")

— —. M. J. Rathbun, 1905, p. 92.

Hosts. Summer Flounder, Four-spotted Flounder  
Horse Crevalle, Garfish, Summer  
Skate. outside surface.  
Woods Hole.

— — , Fowler, 1912, p. 121: pl. 32.

— — , Williams, 1907, p. 70,

— — , Wilson, 1932, p. 412: fig. 260.

--Kabata, 1973, p. 758

— — , DOTIRI, 1979: TAB. 2

Lepeophtheirus edwardsi Wilson Woods Hole

Achtheinus dentatus Wilson, - Nunes-Ruiwo, 1956, Angola.

Eudactylina acanthii, Nunes-Ruiwo 1956. Angola.

Eudactylina valei Nunes-Ruiwo, 1956. Gills. Angola.

Pseudocharopinus bicaudatus, Kabata, 1964, p. 94.

Pandarus bicolor, Cressey, 1967, p. 20.

~~Lepeophtheirus~~ ? Lernaeopoda obesa, Kabata, 1973, p. 9

Caligus gurnardi, Parker, 1965, p. 93 (Olsson, 1868, 1869)

- EDWARDSII, CASTRO + BAEZA 1981: 326

Lepeophtheirus cuneifer, Kabata, 1974, p.43, off coast  
of Alaska

Caligus elongatus, Parker, 1969, p. 1027,

New England (U.S.), Skagerrack (North Sea),  
South Australia and the Atlantic Ocean.

(In order of localities this parasite was  
originally identified as C. rapax by  
Wilson, 1905, Olsson, 1869, Kabata, 1965 and  
Steenstrup and Lutken, 1861.)

EDWARDSI, SHEN 1958: 140 -, EX PARALICHTHYS

OLIVACEUS, CHINA

EDWARDSI, BAEZA K. + CASTRO R. 1982: 6, CHILE;

HOST PARALICHTHYS ADSPERSUS

LEPIDOPTHEIRUS ELEGANS GUSSEV, 1951

- , DOJIRI, 1979: TAB. 3
- CASTRO & BAEZA 1981: 326
- Ho & I. H. KIM 1996: 283-286, FIGS. 6-7, JAPAN

Lepeophtheirus elongatus Heegaard

-- --, Heegaard 1962. pp. 168-169; fig. 116-123

-- PRABHA 1983: 55, SYN. OF PARALEBION  
ELONGATUS WILSON

## Lepeophtheirus eminens Wilson

Wilson 1944, p. 535; pl. 28, figs. 132-138; pl. 29,  
♀♂ fig. 149. Host: black marlin, Calif.  
Makaira ampla marlina, Calif

Lepeophtheirus epinepheli n. sp.

--, Ho & Dojiri, 1977, p. 81-86, figs. 2-4

-- CASTRO & BAEZA, 1984: 203



Leprophtheirus ericsoni, <sup>G. N.</sup> Thomson, ♂. ♀. Caligidae.

- —, <sup>G. N.</sup> Thomson, 1890, p. 227; pl. XXIII, figs. 1-11.  
— ericsoni, B-Smith, 1899, p. 455.  
— ericsoni, Wilson, 1905, p. 616 (key),  
-- --, Hewitt, 1963. p. 83

-- DOT 181, 1979: TAB. 3

Host. Latris ciliaris,

New Zealand.

Lepeophtheirus ericsoni, Thomson

card 2

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

— Dojiri, 1983: 227-231, fig. 88-92

Lepeophtheirus europaensis Zeddám, Berrebi, Renaud,  
Raibaut & Gabrion , 1988

-- Zeddám et al. 1988: 129-144, figs. 7,8, ♀ only, hosts  
Scophthalmus rhombus and Platichthys flesus,  
Mediterranean

Caligiidae - Caligioida

Lepeophtheirus eurus Bere ♀.

— — Bere, 1936, p. 589: pl. 5. Figs. 99-108.

— —, Cressy, 1970, p. 1-2, Fig 1-4

Host Skin of Carcharias limbatus, Filorid

Toxopeophtheirus exculpatus, Fischer, ♀. Caligidae.

— —, Fischer, 1860, p. 676; pl. xxii, figs. 76-8.

— — Wilson, 1905, p. 618 (key).

Hast, unknown.

Lepeoptheirus ? fallolunulus Lewis

--, Lewis, 1967, pp. 84,87,89,90,91,92

Leprophtheirus flores, (van Beneden.) ♀.

Pupulina flores, Beneden, 1892 b, p. 254; pl. III.

Leprophtheirus floresi, B-Smith, 1899, p. 455.  
 — Wilson, 1905, p. 617 (in key).

Pupulina flores (restored) Wilson, 1935, p. 594: figs. 1-13.

Host Ceratoptera, sp.

○ Azores.

Lepeophtheirus frecuens Castro & Baeza, 1984

-- Castro & Baeza, 1984: 197-203, figs. 1-25, n. sp.  
female & male.



Lepeophtheirus gibbus, Kröyer, ♀.

— —, Kröyer, 1863, p. 121; pl. XVII, fig. 2a — i

A synonym for Le. thompsoni.  
(Wilson, 1905, p. 615).

Caligidae - Caligoidae

Lepeophtheirus goniistii Yamaguti, ♂ ♀.

— — Yamaguti, 1936, p. 10: pl. 8, f. 114-131; pl. 9, f. 132-133.

--, Yamaguti & Yamasu, 1959, p. 90, 120

--, LEWIS, 1967: 91

— —, Pillai, 19?, p. 1608, fig. 113

-- CASTRO & BAEZA 1981: 326

Host, Gills and skin, Goniistius zonatus Cuv. & Val.

Japan.

Lepeophtheirus gracilescens, Kröyer. ♀

— —, Kröyer, 1863, p. 124; pl. VI, fig. 2 a—i.

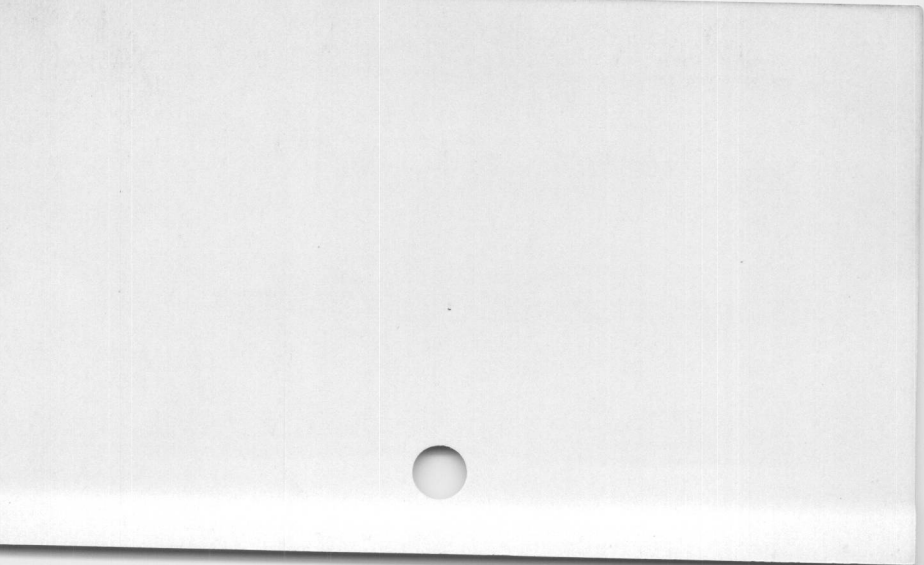
a synonym for Le. thompsoni.  
(Wilson, 1905, p. 615).

Lepocephaleus gracilis, V. Carus, <sup>Caligidae</sup> ♀♂.

— — : V. Carus, 1885, p. 359.

A synonym for L. thompsoni.  
(Wilson, 1905, p. 619).

Host Thrombus maximus & other Pleuronectidae  
gill cavity.



Lepocephtheirus grohmanni, Kröyer, ♀.

— —, Kröyer, 1863, p. 108; pl. V, fig. 3 a-i.

— —, Carus, 1885, p. 359.

— —, B-Smitk, 1899, p. 456.

— —, Wilson, 1905, p. 617 (key).

Host, Pleuronectes grohmanni,

Mediterranean.

Lepeophtheirus hapalogenyos Yamaguti & Yamasu, 1959

n. sp. Yamaguti & Yamasu, 1959, p. 118-120, pl. IX,  
figs. 178-191.

- HAPALOGENEYOS, CASTRO & BAEZA 1981:326

Lepeopttheirus hastatus Shiino

--- ---, Shiino 1960, pp. 512-517, fig. 6-7

--Kabata, 1973, p. 758

--, *Dojiri*, 1979: TAB. 2

--, Hewitt & Hine, 1972, p. 90



Galgiose

Lepeophtheirus heckelii, Kröyer, ♀.

— — Kröyer, 1863, p. 110; pl. VII, fig. 4a-b.

a synonym for Anuretes heckelii.

Lepeophtheirus heegaardi Hewitt

-- -- Hewitt, 1963. pp. 104-109, fig. 13

--Kabata, 1973, p. 758

--, Hewitt & Hine, 1972, p. 88

-- CASTRO & BAEZA 1981:326

Lepeophtheirus hexagrammi Gusev 1951

--, Kabata, 1973, p. 758

--, DOTIRI, 1979: TAB. 3

-- CASTRO x BAEZA 1981: 326

Lepeophtheirus hidekoi Ho

-- --, Ho 1962. pp. 359-362, fig. 1-6

Lepeophtheirus hippoglossi (Kröyer) ♂.

- Caligus h—, Kröyer, 1837, p. 625; pl. VI, fig. 3.  
 — —, Milne-Edwards, 1840, p. 456.  
 — —, Rathke, 1843, p. 102.  
 — —, White, 1850, p. 121; 1857, p. 315,

Host, Skin of Hippoglossus maximus (halibut)  
 and Orthogoriscus mola (sun-fish)

Greenland: Faroes: Iceland: Norway:

New England: Belgium: North Sea, Atlantic

- epicophtheirus* h—, Baird, 1850, p. 276; pl. 32, fig. 12.  
*Paligus* h—, Beneden, 1851a, p. 93.  
—, —, 1861, p. 147; 1870, p. 79.  
—, Stj & Totk, 1861, p. 355.  
*epicophtheirus* h—, Kröyer, 1863, p. 131; pl. VI, fig. 5a-d.  
—, Olsson, 1869, p. 11; Norman, 1869, p. 300.  
—, Thompson, 1893, p. 212, text figure.  
—, —, 1895a, p. 118; pl. XXVII, fig. 6a.  
—, Brian, 1898, p. 12; pl. I, fig. 4; pl. II, fig. 13.  
—, —, 1899, c, p. 199.  
—, B-Smitk, 1899, p. 454.  
—, A. Scott, 1904, b, p. 119; 1904, a, p. 39.

*Leprophtheirus* <sup>*hippoglossi*</sup> L —, T. Scott, 1900, p. 151; ②  
pl. V, figs. 38-42; pl. VI, figs. 142.

Fiske Luus, Stroem, 1762; p. 167; pl. I, figs. 4-6.

*Binoculus piscinus*, Gunner, 1765, p. 23; pl. VI,  
figs. 1—7.

— — Müller, 1776; p. 200.

— —, Fabricius, 1780, No. 239; p. 264.

*Leprophtheirus* L —, Krøyer, 1838, p. 205, pl. VI, fig. 5.

— —, Stephensen 1913, p. 345.

W. S. ...

- — , Wilson, 1905, p. 625; pl. 20, fig. 6, text.  
— — Norman & Brody, 1909, p. 155.  
— — aliquus obscurus Baird, 1850, p. 277; pl. 32, f. 11.  
— — epeophtheirus obscurus White, 1850, p. 121.  
— — White, 1857, p. 315.  
— — I. C. Thompson, 1895, a, p. 118; pl. 27, fig. 5, b.  
— — A. Scott, 1904, a, p. 39; 1904, b, p. 119.  
— — Timm, 1894, p. 397.  
— — Hansen, 1923, p. 30; pl. 3, fig. 4, a-b.  
— — Thompson, 1893, p. 212; pl. 27, f. 6, a.  
— — Wilson, 1932, p. <sup>412</sup>~~412~~ <sup>fig.</sup> 259.  
— — Pesta, 1934, p. 23; fig. 15



Lepeophtheirus hippoglossi

(3)

- --, Ronald, 1958. p. 4
- , Polianskii, 1955, p. 91-
- , Stephensen, 1940, p. 4
- , ACLOQUE, 1899: 199 (as L. HIPPOGLOSSIS)
- BERLAND + MARGOLIS 1983: 286, BINOCULUS  
PISCINUS FABRICIUS, 1780, a synonym.
- CASTRO + BAEZA 1981: 326
- KABATA 1988: 15, FIGS. 6 H-L; HOST LIST; 21
- SCHRAM + HAUG 1988: 213-227, FIGS. 5-10, ON  
HIPPOGLOSSUS HIPPOGLOSSUS, NORWAY

Lepeophtheirus hippoglossi (Krøyer, 1837) card 4

-- Kabata 1992: 68-, Fig. 15 F-H, synonymy, host list

Lepeophtheirus histiopteridi Kazachenko et al., 1972

--Kabata, 1973, p. 758

--, DOFIRI, 1979: TAB. 2, 3

-- CASTRO + BAEZA 1981: 326

Koro + aera

⊕ Kurochko

Caligidae--Caligoida

Lepeophtheirus hospitalis Fraser ♂.♀.

--Fraser, 1920, p. 53; pl. 4, f. 47-58.

--Kabata, 1973, p. 738<sup>741</sup> fig. 35-48; a syn. <sup>is</sup> ~~of~~ Lepeoph-  
theirus kareii Yamaguti 1936

Host. Outside of Platichthys stellatus, Pleuronichthys  
caenosus & Gadus macrocephalus

Vancouver Island

-- DO ET AL. 1984: 23

-- CASTRO & BAEZA 1981: 326

-- BEN HASSINE, 1983: 299

LEPEOPHTHEIRUS HOSPITALIS FRASER

CARD

- BOXSHALL 1974: 698-699
- KABATA 1988: 21, 24, FIGS. 11A-C; HOST LIST
- SCHRAM & HAUG 1988: 225
- BRON ET AL. 1991: 202 -
- I. H. KIM 1993: 27-28

Caligoida Caligidae

Lepeophtheirus hummi Pearse

1952--- Pearse, A.S., pp. 208-210, figs.54-59

--, DOZIRI, 1979: TAB. 2

-- CASTRO + BAEZA 1981: 326

L. epiothecius huttoni, Thomson. ♂, ♀. Caligida

— —, Thomson, 1889, p. 354; pl. XXVIII, fig.  
10 a—c; pl. XXIX.

-- --, Hewitt, 1963. p. 83

A synonym for Gloiopotes huttoni.

Lepeophtheirus innominatus, <sup>Caligidae.</sup> Wilson.

— Wilson, 1905, p. 656: pl. 28, figs. 345-352

Hosts. Salmon.

Cornwall, England



Lepeophtheirus insignis, ♂, ♀. n. sp. Caligida

— —, Wilson, 1908, p. 444: pls. 70 & 71.

? synonym of L. nordmanii (Milne Edwards) — Stuardo, 1958.

-- --, Hewitt 1964. pp. 153-155, fig. 1, 3;  
pl. 1, fig. 1, 2; pl. 2, fig. 1, 2.

-- --, Hewitt, 1971, p. 329

Host, Sunfish, Mola mola.  
California.

--Kabata, 1973, p. 758

-- CASTRO & BAEZA 1981: 326

-- KENSLEY & GRINDLEY 1973: 90, 123.

L. epeophthearius intercurvens, Kröyer, ♂. ♀.

-- --, Kröyer, 1863, p. 126; pl. V. fig. 4a-g. and  
pl. VI, fig. 1.

-- --, Bassett-Smith, 1899, p. 456.

-- --, Wilson, 1905, p. 617,

-- Kabata, 1973, p. 758

Host, Skin of Turbot.

--, DOTY, 1979: TAB. 2

--, HAMEED, 1976: 165      Kattegat.

-- CASTRO & BAEZA 1981: 326

Caligidae - Caligoida.

Loeophtheirus interitus Wilson ♀.

— Wilson, 1921, p. 73: pl. 4, figs. 14-17

-- Kabata, 1973, p. 758

--, DOI RI, 1979: TAB. 2, 3

-- CASTRO & BAEZA 1981: 318,

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

Host. Gills of Polyprion oxygeneios.

Juan Fernandez Island.

Lepeophtheirus kabatai n sp.

--, Ho & Dojiri, 1977, p. 89-92, figs. 7a-f

-- CASTRO & BAEZA 1984:203

-- CASTRO & BAEZA 1981:326

Caligidae - Caligoidae  
Lepeophtheirus kareii Yamaguti, ♂♀

— — Yamaguti, 1936, p. 12: pl. 9, f. 134-148; pl. 10, f. 149-152

--, Kabata, 1969, p. 738, a syn. of Lepeophtheirus  
hospitalis

--, Lopez, 1976, p. 203-207, figs 1-3, pl. 1

Host. Skin, Kareius bicoloratus (Basilewsky). Japan

-- SHEN 1958: 140; Pl. II, HOST RECORDS, CHINA

Lepeophtheirus lagocephali Pillai

-- -- Pillai, 1963. pp. 93-95, fig. 16

--, DOTIRI, 1979: TAB. 3

--, HAMEED, 1976a: 165

--, Pillai, 197?, p. 1607-1608, fig. 111.

-- CASTRO & BAEZA 1981: 326

-- PRABHA 1983: 60, FIG. 15

Lepeophtheirus lalandei Kensley & Grindley 1973

-- Kensley & Grindley 1973: 82-86, figs. 8a,b,9a-1,  
10a-d, n. sp. ♀♂, from Seriola lalandi, Vema Seamount  
South Africa. } p. 123.



LEPEOPHTHEIRUS LATEOLABRAXI SHEN, 1958

-- SHEN 1958: 141-, Pl. IV, N. SP. ♀ ONLY, EX LATEOLABRAX

JAPONICUS, LIAONING PROVINCE, CHINA

--, DOTIRI, 1979: TAB. 3

Lepeophtheirus latigenitalis Pillai & Natarajan, 1977

-- Prabha 1983: 56, 68, FIG. 17

Lepeophtheirus lichiae Barnard

-- Kensley & Grindley 1973: 123

-- PRABHA 1983: 54 -

Lepeophtheirus longiabdominis Shiino

-- -- Shiino 1960. pp. 528-532, fig. 2-3

Lepeophtheirus longipalpus, B. Smith, ♀.

—, B. Smith, 1898, b, p. 88; pl. V, fig. 2 a—g.

—, —, 1899, p. 457.

— Wilson, 1905, p. 617 (in key).

-- --, Pillai 1963. pp. 92-93, ~~fig. 16~~

--, Pillai, 1962, p. 180

Host. Skin of Arinus acutirostris.

Trincomalee.

—, Pillai, 19?, p. 1605, fig. 106

ENDOCALIGUS ECHINUS, PILLAI 1961: 127-128, FIG. 22,

N. SP. N. G.

ECHNIUS, PRABHA 1983: 54, SYNONYM OF

L. LONGIPALPUS

Caligidæ.  
Lepeophtheirus longipes, Wilson, ♀

— — . Wilson, 1905, p. 618: pl. 18, figs. 200  
— 211, 222.

— — Wilson, 1908, p. 440: rather rare.

— — Wilson, 1921, p. 1: pl. 1, figs. 1-5.

Hest. Outside of Jew fish, Stereolepis gigas.

Isa Jolla, Cala,

-- Brian, 1924, p. 31. Gills of Sciaena  
aquila: mouth, Echeneis navcrates: outside,  
Diagramma mediterraneum.

--, Brian, 1924, p. 392

-- KENSLEY + GRINDLEY 1973:86



Lepeophtheirus longispinosus, n. sp.

— —, Wilson, 1908, p. 604: pl. 52.

--Kabata, 1973, p. 758

--, Kabata, 1974, p. 47

-- CASTRO & BAEZA 1981: 326

-- KENSLEY & GRINDLEY 1973: 86, FROM CARCHARINUS LEUCAS, SOUTH AFRICA, p. 123

Host, Gills of Hammer-head Shark

Sphyrna zygaena.

Beaufort, N.C.

Caligidae - Caligoida

Lepeophtheirus longiventralis, Yü & Wu, ♀

— — Yü & Wu, 1932, p. 55: pl. 1, figs. 1-11.

-- SHEN 1957: 351-

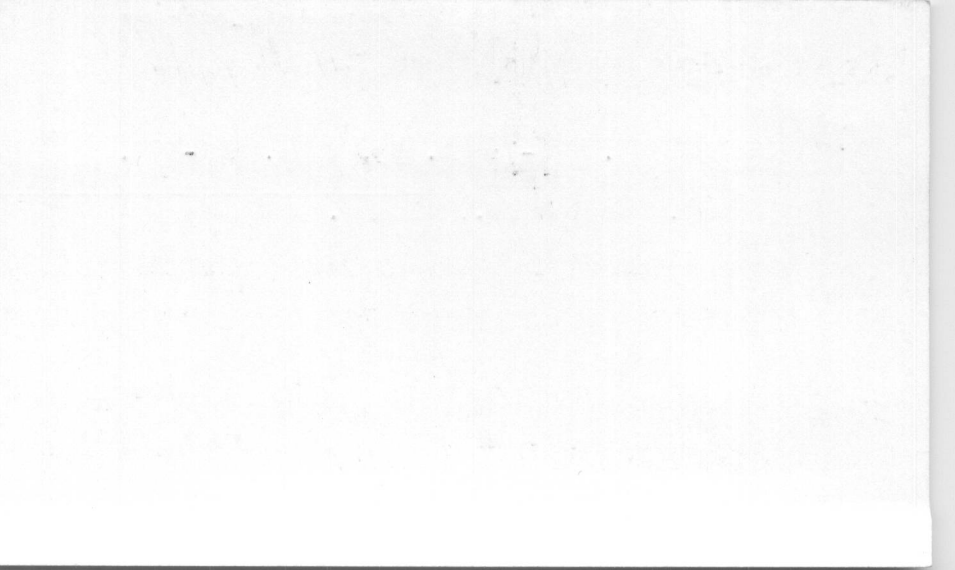
-- SHEN 1958: 131-

Host, Gills of Verasper variagatus, Chefoo.

## Lepeophtheirus marcepes Wilson

Wilson 1944, p. 536-7; pl. 33, figs. 192-195.

Host: lemon sole (Pleuronectes quadrituberculatus). Kodiak Is., Alaska. ♀



Caligiadae - Caligoida

Leophtheirus marginatus Bere, ♂♀.

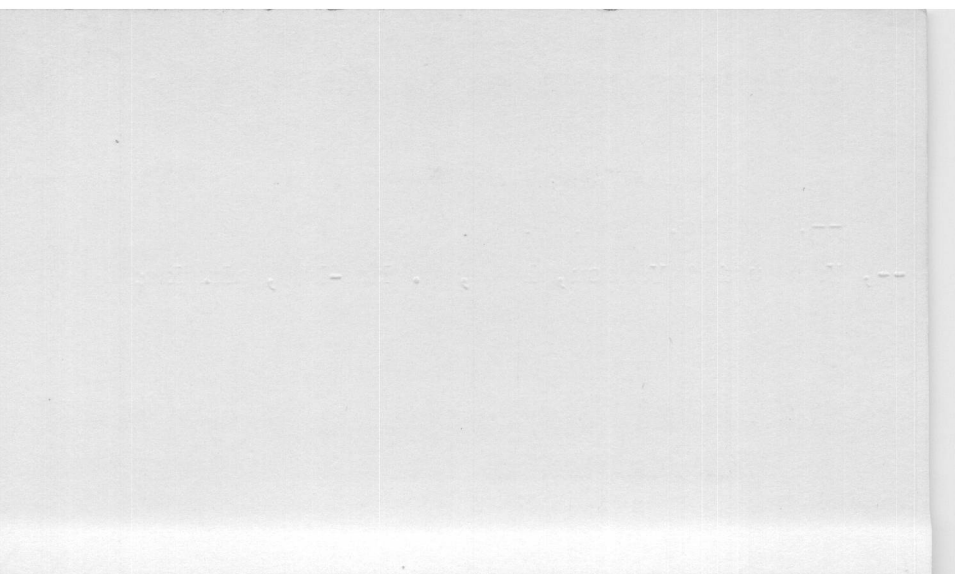
— — Bere, 1936, p. 587: pl. 4, figs. 77-93.

--, Kabata, 1974, p. 47

--, Yamaguti & Yamasu, 1960, p. ~~148~~-149, ~~pl. xxxix~~

-- CASTRO & DAFZA 1981: 326

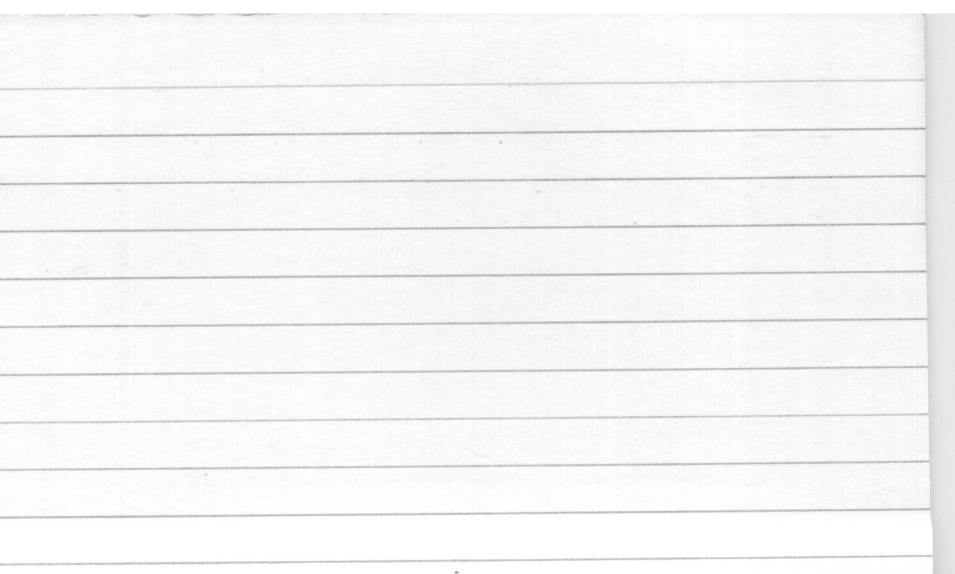
Host. Gills of Galeichthys felis and mouth of  
Bagre marina Florida.



Lepeophtheirus molae Heegaard

-- --, Heegaard 1962. pp. 169-171, fig. 124-134

-- --, Hewitt 1964. pp. 153-155, fig. 2, pl. 1, fig  
3, pl. 2, fig. 3.





Caligidae

Lepeophtheirus molvae (M-Edwards), ♂.

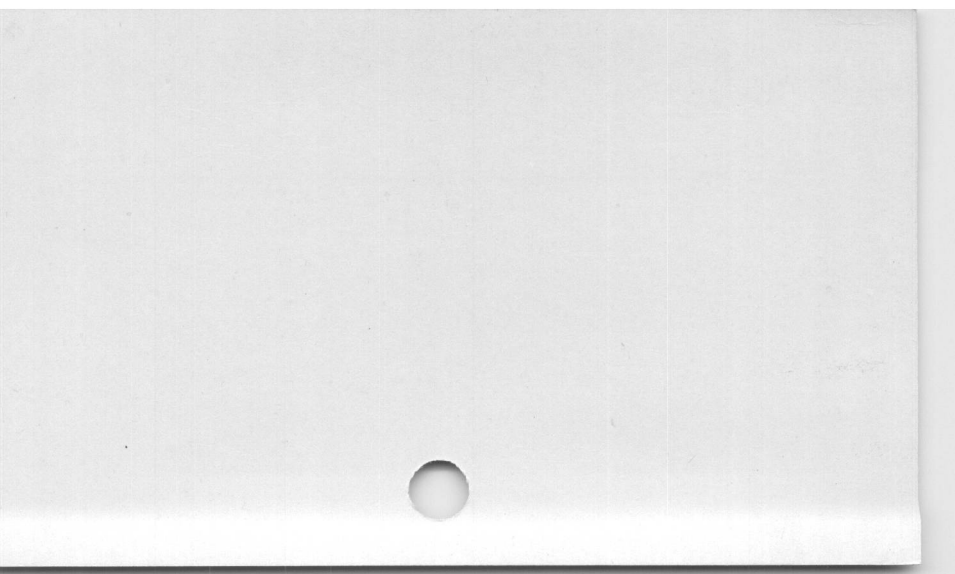
Caligus — M-Edwards, 1836-49, pl. 77, fig. 3.

Risculus — Leach, 1819, p. 536

Lepeophtheirus — Wilson, 1905, p. 555: 617.

—, Hewitt, 1971, p. 329

Host. Unknown.



Caligidae

Lepeophtheirus monacanthus. Heller, ♀

— —, Heller, 1865, p. 183; pl. XVI, fig. 3.

— —, Bassett-Smith, 1899, p. 456.

— —, Wilson, 1908, p. 600; pl. 57.

— —, Wilson, 1905, p. 618 (key).

Host, Gills of Pinelodus, sp. (maculatus)

Brazil.

— Brian, 1924, p. 31

--, Brian, 1924, p. 392-93

— Capart, 1959: 89 - 90

Lepeophtheirus muraenae Shiino

--- ---, Shiino, 1960. pp. 487-492, fig. 7-8

-- CASTRO x BAEZA 1981:326

Lepeophtheirus nanaimoensis Wilson, 1912

-- C.B. Wilson 1912: 89, pl. IV figs. 13-20, n. sp. ♀♂,  
host unknown flounder; from Nanaimo, B.C.

-- Frazer 1920: 55; pl. 4, f. 59-61♂.

-- Kabata 1973: 741-43, figs. 49-58

-- Kabata 1974: 47

-- Castro & Baeza 1981: 326, 327

-- Castro & Baeza 1984: 203

-- KABATA 1988: 18, FIGS. 9H-L; HOST RECORDS; 21

Lepeophtheirus natalensis Kensley & Grindley 1973

-- Kensley & Grindley 1973: 87-90, figs. 12, 13a-k, n. s

♀, from Carcharinus leucas, Natal.; p. 123.

-- Castro & Baeza 1981: 326

Lepocephtheirus nordmannii, M-Edwards, <sup>Caligidae.</sup> ♂. ♀

Caligus n- , M-Edwards, 1836-49, pl. 77, fig. 1a-g  
— — , — — , 1840. p. 455.

— — W. Thompson, 1847, pp. 248, 354.

Lepocephtheirus n- , White, 1850, p. 120: 1857, p. 315.

Host. Skin of Orthogoriscus mola.

○ Santa Catalina Island  
Woods Hole -



- Lepeophtheirus* n., Baird, 1850, p. 275; pl. xxxiii, fig. 1.  
—, Heller, 1865, p. 180; pl. xvi, figs. 1 & 2.  
—, Stössich, 1880, p. 256.  
—, Richiardi, 1880, p. 148.  
n-d-mi. Della Valle, 1880, p. 59, Gill of *Mola aspera* Bp.  
—, Ralston, 1884, p. 487.  
—, Carus, 1885, p. 359.  
—, Thompson, 1893, p. 212, text figure.  
—, ———, 1895b, p. 118; pl. xxvii, fig. 5a.  
—, T. Scott, 1900, p. 151; pl. v, figs. 32-37.  
—, A. Scott, 1904, b, p. 119; 1904, a, p. 39  
— ni. Brian, 1908, p. 2.

*L. nordmannii* (2).

— — Wilson, 1905, p. 623: pl. XIX.

— — M. J. Rathbun, 1905, p. 91.

— — Brian, 1912, p. 7.

— — Pearson, 1906, p. 26.

— — Elwes, 1909, p. 19.

— — Wilson, 1908, p. 439.

— — Thompson, 1893, p. 212: pl. 27, f. 5, a.

— — Wilson, 1932, p. 411: fig. 258.

— — — — Heegaard, 1943, p. 20

— — — — Stuardo, 1958.      Synonyms.

— — — — Shiino, 1960.      p. 487

--, Vaissiere, 1961, p. 73-8, figs. 30-32

--Kabata, 1973, p. 758

--, Stephepsen, 1940, p. 4

--, Boes, 1970-2, p. 13-tbl. 1

Lepeophtheirus nordmanni

card 3

--, Threlfall, 1967, p. 171, tbl. 2

--, Hewitt & Hine, 1972, p. 90

--, ACLOQUE, 1899:199, Pl. 95

-- CASTRO & BAEZA 1981: 318, L. ORNATUS A SYNONYM;  
326 TABLE 1.

-- CARLI & BRUZZONE 1977: 135-136

-- KABATA 1988: 15, FIGS. 7A-G; HOST LIST; 21

-- KABATA 1992: 70-, FIG. 16A-D, SYNONYMY, HOST LIST

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

Lepeophtheirus oblitus n. sp. Kabata, 1973

--Kabata, 1973, p. 754-59, fig. 138-156

\* - CASTRO & BAEZA 1981: 326

-- KABATA 1988: 21, 24, FIGS. 11 D-M; HOST LIST

Caligidae. Caligoidea.

Lepeophtheirus obscurus Baird, ♀

—— Baird, 1850, p. 277: pl. 32, f. 11.  
Lepeophtheirus — White, 1850, p. 121.

A synonym of Lepeophtheirus hippoglossi.  
(Wilson, 1905, p. 615).

—— Thompson, 1893, p. 212: pl. 27, f. 5. 6.

Caligidæ.  
Lepeophtheirus obscurus, B-Smitk. ♂, ♀.

Caligus obscurus, B-Smitk, 1896<sup>2</sup>. (no text reference) pl. IV,  
fig. 2.

Lepeophtheirus —, B-Smitk, 1896<sup>1</sup>, p. 157.

Lepeophtheirus —, T. Scott, 1900, p. 153.

Explains discrepancy between B-Smitk's  
& Baird's species - pl. VI, figs. 16-19.

Host. Rhombus laevis, Plymouth.

Brill (Bothrus rhombus) Scott. gills,  
gill-covers and pectoral fins. (over)

~~J. C. Thompson, 1895, p. 118 - pl. XXVII,~~

~~fig. 5, b~~

B.-Smith, 1899, p. 456.

A synonym for L. Thompsoni.

B.-Smith's fig. is surely a ♀ since it has egg-stings; it is just as certainly not like Baird's Caligus obscurus, as the abdomen and fourth legs will show - moreover furca, though divided, is not like that in hippoglossi, and the frontal plates have bristles.



Lepeophtheirus orbicularis sp. nov.

-- --, Shiino, 1965, p. 447-453.

--, Kabata, 1974, p. 47

-- CASTRO & BAEZA 1981: 326

Lepeophtheirus ornatus (M-Edwards), ♀.

Caligus — M-Edwards, 1840, p. 455.

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

— — Wilson, 1905, p. 555.

synonym of L. nordmanni (M. Edwards) — Stuardo, 1958.

" " L. nordmanni, Hewitt, 1971, p. 329

Host, unknown.

-- CASTRO & BAEZA 1981: 318, SYN. OF L. NORDMANNI.

Valparaiso.

Lepeophtheirus pacificus Gissler, ♂

Caligus pacificus, Gissler, 1883, p. 885, text-figo.

— —, B-Smith, 1903, p. 108.

— —, Wilson, 1905, p. 642: pl. 25, figo. 304-1

— — Wilson, 1908, p. 440.

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

Host Blueback Salmon - pravipes salmoni

Puget Sound.

Lepeophtheirus paralichthydis Yamaguti & Yamasu, 1960,

n. sp. Yamaguti & Yamasu, 1960, p. 148-149, pl. 12:

figs. 40-53, Ex PARALICHTHYS OLIVACEUS, JAPAN

-- DOJIRI & BRANTLEY 1991: 735.

Caligidae - Caligoida  
Lepeophtheirus parvicurvis Fraser, ♂, ♀.

— Fraser, 1920, p. 56: pl. 5. f. 62-76.

-- Kabata, 1973, p. 743; fig. 59-73

— Dojiri, 1983: 237-244, fig. 96-98

-- KABATA 1988: 18, FIGS. 8H-N; HOST LIST; 24

-- KABATA 1988c: 618, 620, FIG. 3

Host. Under surface of Platichthys stellatus.

Vancouver Island.

Caligidae.  
Lepocephtheirus parviventris, Wilson ♂, ♀.

-- Wilson, 1905, p. 635: pl. XXIII, figs. 275-284.

-- " " , 1908, p. 439.

-- " " , 1912, p. 93.

-- Wilson, 1920, p. 12 L.

Hosts. Pacific Cod (*Gadus macrocephalus*),  
Pleuragrammus monopterygius,  
Halibut. (Pacific Coast.  
*Lepidion* *leptocentrus* Alaska)

-- -- Fraser, 1920, p. 57. found on Hexagrammus decagrammus; Sebastodes atropurpureus; Raja binoculata.

-- -- Yamaguti, 1936, p. 10; Pl. 7, figs. 100-112, Pl. 8, fig. 113.  
-- --, Kabata, 1973, p. 743-46; fig. 74-86; a syn. ~~of~~ is  
Lepeophtheirus septentrionalis Townsend 1938

-- CASTRO & BAEZA, 1984: 203

-- CASTRO & BAEZA 1981: 326

-- KENSLEY & GRINDLEY 1973: 90

-- WILSON, 1950:

Lepeophtheirus parviventris Wilson, 1905

card 2

-- Kabata 1988: 15, figs. 7D-G, host list; 21

-- NAGASAWA 1993b: 72 -



Caligoida Caligidae

Lepeophtheirus parvulus Shiino

1952--- Shiino, Sueo M., pp. 105-108, fig. 12

--Kabata, 1973, p. 759

Ispeophtheirus parvus. Wilson, ♀. Caligidae.

— — Wilson, 1908, p. 441: pl. L. XVIII.

-- -- Shiino 1963. pp. 339-343. fig. 3-4

--, DOTI, 1979: TAB. 3

-- CASTRO & BAEZA 1981: 326

Host. California Red-fish -  
Pseudometopon pulcher.

Lepeophtheirus paulus Cressey, 1969

- Cressey, 1969, p. 424-427, fig. 46-61
- Kabata, 1973, p. 746-50, fig. 87-101
- CASTRO & BAEZA, 1984: 203
- CASTRO & BAEZA 1981: 326
- KABATA 1988: 18, FIGS. 7 H-M; HOST LIST; 24

Caligidae 21  
Lepeophtheirus pectoralis (Müller) ♂.♀. ①

Lernæa p., Müller, 1776, p. 41; pl. XXXIII, fig. 7.

Pectoral Lernæa, Shaw, 1800-1826, p. 8; pl. 295.

Lernæa p., Blainville, 1823, p. 129.

Caligus p., Cuvier, p. 258. 1830.

— Thompson, 1895: 102

Host. Skin of Flounder; John-dory; Sole;  
Dab; Mackerel; Callionymus lyra; Amoglossus megastoma (A) Iceland: Faroes:  
European Seas.

Termitia pectoralis, Turiné, 1788, Tom. VI,  
Vermes, p. 3146.

Schisturus pectoralis, Oken, 1816, p. 182.

Isoprophtheirus — Pearson, 1906, p. 25.

— — Wilson, 1905, p. 555; p. 616 (key).

— — T. Scott, 1906, b. p. 368.

— — Hansen, 1923, p. 30.

— — Pesta, 1934, p. 22; fig. 14.

--, Stock & Vos, 1960, p. 209

--, Stephensen, 1940, p. 3-4

--, Boer, 1970-2, p, 3,4,9,10,11,12, tbl. 1

Lepeoptheirus pectoralis

- , Lewis, 1969, p. 67
- , COSTE, ET AL., 1978: 479
- , ACLOQUE, 1899: 199
- KOGA 1984b: 109, FIGS. 5-7-8, NAUPLII
- Dojiri, 1983: 220 — 227, fig. 83-87
- BOXSHALL 1974: 681-700, FIGS. 1-8, DEVELOPMENT;  
HOST PLEURONECTES PLATESSA
- GEE + DAVEY 1986b: 270
- Boxshall, 1974b: 445-464, fig. 2-10
- BOXSHALL 1986: 158-168, FIGS. 3, 4C, 5E

Lepeophtheirus pectoralis (MÜLLER) card 4

-- Humes, 1986: 1000, 1015

-- ANSTENSRUD 1990a: 141-158, FIG. 2, FLOUNDER,  
NORWAY

-- ANSTENSRUD 1990b: 269-281, FIGS. 1-6, NORWAY

-- KABATA & HEWITT 1971: 1143 -

-- ANSTENSRUD 1990c: 245-258, NORWAY

-- ANSTENSRUD 1990d: 627-638, NORWAY

-- ANSTENSRUD 1992: 31-40, MATE GUARDING, OSLO, NORWAY

-- KABATA 1992: 68, FIG. 15C-E, SYNONYMY, HOST LIST

-- LÜNING 1953: 21-, FIGS. 3, 4

LEPEOPHTHEIRUS PECTORALIS (MÜLLER, 1776) CARD.

-- BOXSHALL 1990: 212 -

-- SOMDAL + SCHRAM 1992: 29

-- SCHRAM + ASPHOLM 1997: 14

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



Lepeoptheirus pectoralis Nordman

- Tempere, 1898: 168, pl. 21, fig. 15

-- Boxshall, Ferrari + Tiemann, 1984: 70

-- Chang-fux 1960: 89

-- Zeddiam et al. 1988: 129, 142-143, Host Flounders  
North Sea; NOT IN MEDITERRANEAN.

-- Boxshall 1992: 370-, Figs. 14B, 15B

-- Lüling 1953: 14-, Fig. 3a, c

-- Raibaut 1985: 257-

Caligiidae - Caligoida

Lepeophtheirus perpes Leigh-Sharpe ♀.

— — Leigh-Sharpe, 1934, p. 26: figs. 22-23.

--Kabata, 1973, p. 758

--, Dojiri, 1979: TAB. 2

-- CASTRO + BAEZA 1981: 326

Host, Outside, Anyperodon leucogrammicus  
Gisser Island.

Lepeophtheirus pharaonis (Nordmann), ♀, <sup>Caligidae.</sup>

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

— — Krøyer, 1837, p. 201.

— — M-Edwards, 1840, p. 453.

— — Carus, 1885, p. 357.

Host, Chrysophrys bifasciatus,

Red Sea.

*Lepeophtheirus* - Wilson, 1905, pp. 555 & 617.

Lepeophtheirus platensis Thomsen, ?1949, pp. 11-14,  
pl. 4, fig. 1-21. [Incl. chalimus]. From Astyanax sp.

--, DOJIRI, 1979: TAB. 3

Lepeophtheirus plectropomi Nunes- Ruivo, 1956. <sup>& FOURMANOIR</sup>

-- -- Nunes- Ruivo, 1956. PP. 74-76, Figs. 5...

-- -- Kabata, 1966, p. 565.

--Kabata, 1973, p. 758

--, Kabata, 1974, p. 47

--, Ho & Dojiri, 1977, p. 86-89, figs. 5-6

-- CASTRO & BAEZA, 1984: 203

-- CASTRO & BAEZA 1981: 326

Lepeophtheirus plotosi Barnard 1948

--Kabata, 1973, p. 758

--, Kabata, 1974, p. 47

--, DOJIRI, 1979: TAB. 2

--, HAMEED, 1976 a: 165

-- CASTRO & BAEZA 1981: 326

-- KENSLEY & GRINDLEY 1973: 123

-- DOJIRI & CRESSEY 1991: 595

Caligidae. — Caligoidae.  
Loepeophtheirus pollachii B-Smith, ♂. ♀.

- pollachius B-Smith, 1896, a, p. 157.
- — B-Smith, 1896, b, p. 12: pl. 4, fig. 1.
- pollachii B-Smith, 1899, p. 455.
- — T. Scott, 1900, p. 153: pl. 6, figs. 9-15

Host. Mouth of Gadus pollachius and  
Molva vulgaris

Plymouth.



- — A. Scott, 1901, a, p. 350.  
— — T. Scott, 1902, a, p. 291.  
— — A. Scott, 1904, b, p. 120: 1904, a, p. 40.  
— — Wilson, 1905, p. 617 (in key).  
— — T. & A. Scott, 1913, p. 73: pl. 17, figs. 5+6;  
pl. 18, figs. 13-15: pl. 48, figs. 4+5.  
— — T. Scott, 1906, b, p. 368,  
— —, Boer, 1970-2, tbl. 1, p. 5

L. POLLACHIUS, KABATA 1992: 70, Fig. 16 E-H,  
SYNONYMY, HOST LIST

Lepeophtheirus polyprioni Hewitt 1963

- -- Hewitt, 1963. pp. 91-97, fig. 9-10
- , Hewitt & Hine, 1972, p. 93
- CASTRO & BAEZA 1981:326
- HEWITT, 1964: 157-159, FIG. 1-8
- BEN HASSINE, 1983: 299-300

Lepeophtheirus pravipes, n. sp.

Caligidae.

①

— —, Wilson, 1912, p. 90: pl. V.

— —, Fraser, 1920, p. 58.

--, Kabata, 1973, p. 750; fig. 102-120. A syn. ~~is~~ is  
Lepeophtheirus trifidus Shiino 1965

--, Kabata, 1973, p. 1892 (= Homoiotes palliata in part)

Host. Blue Cod - Ophiodon elongatus

--, DOJIRI, 1979: 261; TAB. 3

Nanaimo, B.C.

LEPEOPHTHEIRUS PRAVIPES C.B. WILSON, 1905

- CASTRO & BAEZA, 1984: 203
- CASTRO & BAEZA 1981: 326
- KABATA 1988: 18, FIGS. 9A-G; HOST LIST; 24
- DOJIRI & BRANTLEY 1991: 731-

Loeophtheirus quadratus, Kröyer. ♀. Caligidae.

- —, Kröyer, 1863, p. 113; pl. VII, fig. 7a-f.  
— —, Bassett-Smith, 1899, p. 456.  
— —, Wilson, 1905, p. 617 (key).

Host Skin of Bagnus, sp. (argenteus)

China.

LEPEOPHTHEIUS REMIOPSIS DOTIRI, 1979

-- DOTIRI, 1979: 252-258 ♀♂; FIG. 1-3;

TAB. 2 EX PAROPHRYS VETULOS; HIPPO-  
GLOSSINA STOMATA; PLEURONICHTHYS  
VERTICALIS; CHITONOTUS PUGETENSIS;  
PORICHTHYS NOTATUS

Lepocephalus rhombi, Kröyer, ♂. ♀.

— —, Kröyer, 1863, p. 118; pl. V, fig. 5.

A synonym for L. thompsoni.  
(Wilson, 1905, p. 615).

Lepocephaleus robustus, Kröyer, ♀. Caligidae.

—, Kröyer, 1863, p. 135; pl. VI, fig. 6 a-c.

—, Bassett-Smith, 1899, p. 456.

—, Wilson, 1905, p. 646; pl. 25, figs. 314-5

—, Stephensen, 1913, p. 346.

Host. Gills of Raja, sp. (clavata)  
" " Raja radiata, Tütken  
Greenland?



— — Wilson, 1920, p. 132.

Made a synonym of L. hippoglossi, Hansen, 1923, p. 30.

Lepeothermus rotundatus, Brian, 1932

— — —, Brian, 1932 for plate heading and fig.  
heading; a misspelling of L. rotundiventris  
Bassett-Smith, 1898

Lepeophtheirus rotundigenitalis Prabha & Pillai 1983

-- Prabha & Pillai 1983: 24-26, figs. 122-132, n. sp.

+ only; host Gasterin schotaf, Trivandrum, India

-- Prabha 1983: 56, 68, Fig. 16

LEPEOPHTHEIRUS ROTUNDAIPES DOTIRI, 1979

-- DOTIRI, 1979: 258-262 ♀♂; FIG. 4, 5; TAB

3. EX CITHARICHTHYS STIGMAEUS ;  
SCORPAENA GUTTATA

L. epeophtherius rotundiventris, B. Smith ♂. ♀

—, B. Smith, 1898, p. 86; pl. V, fig. 1 a—c.

—, —, 1899, p. 454.

—, Wilson, 1905, p. 616 (in key).

—, Brian, 1932, p. 3; unkn. pl., figs. 1—19.

— rotundatus, Brian, 1932, p. 10 and also fig. plate heading

Host, Gills of Lutjanus, sp. & Serranus

sp.

Mediterranean Indian Ocean.

Lepeoptheirus rotundiventris

card 2

--, Brain, A., 1931, p. 178, figs. 1-3

--, Pillai, 19?, p. 1606-1607, fig. 108

-- CASTRO + DAFZA 1981:326

Lepeophtheirus rotundiventris Bassett-Smith

CARD 3

--Kabata, 1973, p. 758

--, Brian, 1932, p. 58

--, DOTIRI, 1979: TAB. 2, 3

Leprophtheirus salmonis, Kröyer, ♂. ♀  
1838

Laxe luns, Ström, 1770, p. 23; pl. VII, figs. 1-7.

Caligus (Leprophtheirus, Nordmann) salmonis, Kröyer,  
1838, p. 13; pl. VI, fig. 7a-e.

Caligus vespa, M-Edwards, 1840, p. 456.

Host, Salmo, spp.

Europe & America.  
Newfoundland.



*Caligus vespa* W. Thompson, 1847, p. 248.

*Caligus stromii*, Baird, 1847, p. 260.

— —, —, 1848, p. 396.

*Epeophtheirus stromii*, Thompson, 1849, p. 318.

— —, Baird, 1850, p. 274; pl. XXXII, figs. 8, 9.

— —, White, 1850, p. 120; 1857, p. 314.

*Caligus salmonis*, Slp & Ltk, 1861, p. 355.

*Epeophtheirus salmonis*, Kröyer, 1863, p. 137; pl. XVII, fig. 1, <sup>♂</sup>

— —, Olsson, 1869, p. 14, 1874c. p. 371

— —, Smilk, 1874a, p. 576; 1874b, p. 662, <sup>♂</sup>

*Monoculus piscinus* (pars) Linn. 1746, p. 497.

- Lepocephtherius salmonis, Macintosh, 1875, p. 262. <sup>(2)</sup>  
— —, Rathbun, 1884, p. 487.  
— —, Bassett-Smith, 1896, a, p. 157 (L. stromii).  
— —, I. C. Thompson, 1895, b, p. 118; pl. XXVII, fig. 6.  
— —, Bassett-Smith, 1899, p. 455.  
— —, <sup>stromii</sup> T. Scott, 1900, p. 152; pl. VI, figs. 3-8.  
— stromii, A. Scott, 1904, b, p. 119; 1904, a, p. 39.  
— salmonis, Norton, 1909, p. 245.  
— stromii, Hofer, 1904, p. 144; p. 181.  
— salmonis, Wilson, 1912, p. 93.  
— stromii Pearson, 1906, p. 26. ---

- salmonis, Wilson, 1905, p. 640: pl. 24.  
— — Norman, 1869, p. 300  
— — Norman & Brady, 1909, p. 155.  
— — T. Scott, 1906, b, p. 369.  
Pediculus marinus Strom, 1762, p. 167: pl. 1, f. 4 & 5. ♂.  
Lapeophtheirus salmonis, Wilson, 1908, p. 440.  
— — Wilson, 1920, p. 13 L.  
— — Fraser, 1920, p. 58.  
— — Timm, 1894, p. 396.  
— — Hausen, 1923, p. 32.  
— — Gurney, 1933, p. 329: figs. 1959-1968  
— — Pesta, 1934, p. 24: fig. 17.  
— — — — —, Heegaard, 1943, = — — — — p. 20.

Lepeophtheirus salmonis

card 3

--, Parker & Margolis, 1964, p. 873

--, Kabata, 1970, p. 69, fig. 82

--, Kabata, 1973, p. 750-54, fig. 121-137. ~~1~~ Syn. ~~are.~~

Caligus salmonis Kroyer 1838, C. vespa Edwards 1840,  
C. stromii Baird 1848, Lepeophtheirus stromii (Baird  
1850), ? Caligus pacificus Gissler 1883, Lepeophtheirus  
vesper ? Milne-Edwards, of Bassett-Smith (1896), Caligus  
vesper ? M-E, of Bassett-Smith (1899), ? Lepeophtheirus  
pacificus (Gissler 1883), of Wilson (1905), L. uenoi  
Yamaguti 1939

--, Polianskii, 1955, p. 95

- , Stephensen, 1940, p. 5
- , Gurney, 1947, p. 459, fig.
- , Kabata, 1974, pp.1583-1588, figs. 1-4, plate 1
- , Bell & Margolis, 1976, p. 119, 120, Tbl. 1
- , Boer, 1970-2, tbl. 1
- , Kabata & Hewitt, 1971, pp. 1143, 1144, 1147, 1148-49

Lepeophtheirus salmonis (KROYER 1837) <sup>1837</sup> (4)

-- Parker & Margolis, 1967, p. 93

-- , Parker, et al., 1968, p. 1923

-- ACLOQUE, 1899:199

-- DO ET AL. 1984:23

-- BERLANDY & MARGOLIS 1983:281, 283, 284, 285, 286

FIG. 4; propose retention of L. SALMONIS (KROYER, 1837)

rather than L. SALMONÆUS (MÜLLER, 1785)

SYNS: LERNAEA SALMONÆA OF FABRICIUS, 1779

? CALIGUS PRODUCTUS MÜLLER, 1785

part. MONOCULUS PISCINUS LINNÆUS, 1761

1838  
Lepeophtheirus salmonis (Krøyer 1837) KRØYER, 1863 card 5

-- Margolis & Berland 1984: 219: Binoculus salmoneus  
not an available name; the name Lepeophtheirus salmonis (Krøyer, 1837) Krøyer, 1863 remains valid.

-- KENSLEY & GRINDLEY 1973: 86

-- BRESCIANI, 1986: 126

-- FRYER 1978a: 356, 365

— Johannessen, 1978: 169-175, fig. 1-2

-- CARLI & BRUZZONE 1977/78: 61-76 + FIGS. 1-23,  
SALMO SALAR, GULF OF GASCONY; SYNONYMY.

1838

Lepeophtheirus salmonis (Krøyer, 1937) Krøyer, 1863 6

-- Kabata 1988: 18, figs. 10A-H; host list; 24

-- P. J. WHITFIELD ET AL, 1988: 584-

-- FRYER 1982: 32-33, FIGS. 26-28, BRITAIN

-- PRÉFONTAINE 1932: 207, ST. LAWRENCE, QUÉBEC,  
ON "TRUITE DE MER".

-- PRÉFONTAINE & BRUNEL 1962: 253, ST. LAWRENCE,  
HOST SALVELINUS FONTINALIS

-- KABATA & HEVITT 1971: 1143-

-- NAGASAWA ET AL. 1987: 39, HOST LIST, JAPAN



1838  
Lepeophtheirus salmonis (Krøyer, 1863)

card 7

-- Nagasawa 1985:368-370, ex Oncorhynchus keta, Japan

-- HECKMANN & CHING 1987:272

-- BRON ET AL. 1991: 201-212, PLATES I, II, HOST SALMO SALAR, SCOTLAND - ATTACHMENT

-- KABATA 1992: 73; FIG. 17A-D, SYNONYMY, HOST LIST

-- NAGASAWA 1994: 83; REVIEWS RECORDS, HOKKAIDO

-- GREYSTY ET AL. 1993: 83-98, FIGS. 1-7, SCOTLAND

-- NAGASAWA ET AL. 1993: 166-178, ON 6 SPP. OF PACIFIC SALMON, NORTH PACIFIC OCEAN, BERING SEA.

1838

Lepeophtheirus salmonis (Krøyer, 1863) card 8

- Nagasawa & Sakamoto 1993: 143-144, fig. 1, ex  
Oncorhynchus kisutch & O. mykiss, Honshu, Japan
- Nagasawa & Takami 1993: 127-130, ex Oncorhynchus  
masuo & O. gorbuscha, Sea of Japan
- Nagasawa et al. 1994: 95-97, fig. 1, ex Salvelinus  
leucomaenis, Oncorhynchus keta, Tribolodon hakonensis,  
northern Japan
- Nagasawa & Yanagisawa 1992: 49-50, fig.1, ex Onco-  
rhynchus tshawytscha, Honshu, Japan

Lepeophtheirus salmonis (Krøyer, 1863) <sup>1838</sup>

card 9

-- Raibaut 1985: 262-

-- WEATHERBY ET AL. 1994: 682-683

-- HEUCH + KARLSEN 1997: 735-745, NORWAY

-- I. H. KIM 1993: 27

## Lepeophtheirus scutiger Shiino

1952--- Shiino, Sueo M., pp. 108-112, figs. 13 & 14

-- --, Hewitt, 1963. pp. 84-91, fig. 7-8

--Kabata, 1973, p. 758

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

-- CASTRO & SAEZA 1981: 326

-- DUDLEY, P. 1986: 8-, FIG. 10

-- SHEN 1958: 131, 139-140, Pl. I, EX HEXAGRAMMUS

OTAKII & PLATICHTHYS BICOLORATUS, CHINA

Caligidae - Caligoida

Lepeophtheirus sekii Yamaguti ♂♀

— — Yamaguti, 1936, p. 14: pl. 10, f. 153-166; pl. 11, f. 167-171.

--, Yamaguti & Yamasu, 1959, p. 120

-- CASTRO & BAEZA, 1984: 203

-- CASTRO & BAEZA 1981: 326

Host. Japan.

Lepeophthēirus selkirki Atria

--Kabata, 1973, p. 758

--CASTRO & BAEZA 1981:318

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

Lepeophtheirus semicossyphi Yamaguti ♀♂, 1939

— — Yamaguti, 1939, p. 449: pl. 15, f. 14-21; pl. 16, f. 22-24

-- --, Shiino 1963. pp. 409-414, fig. 1-2

--, Yamaguti & Yamasu, 1959, p. 120-121, pl. VIII, figs. 165-177

-- CASTRO & DAEZA 1981: 326

Host Gills, *Semicossyphus reticulatus* (Cuv. & Val.)

-- DOJIRI & BRANTLEY 1991: 731-

Tarumi, Japan

Caligidae Caligoida

Lepeophtheirus septentrionalis. Townsend ♂, ♀.

— Townsend, 1938, p. 599: p. 600, figs. 1-16.

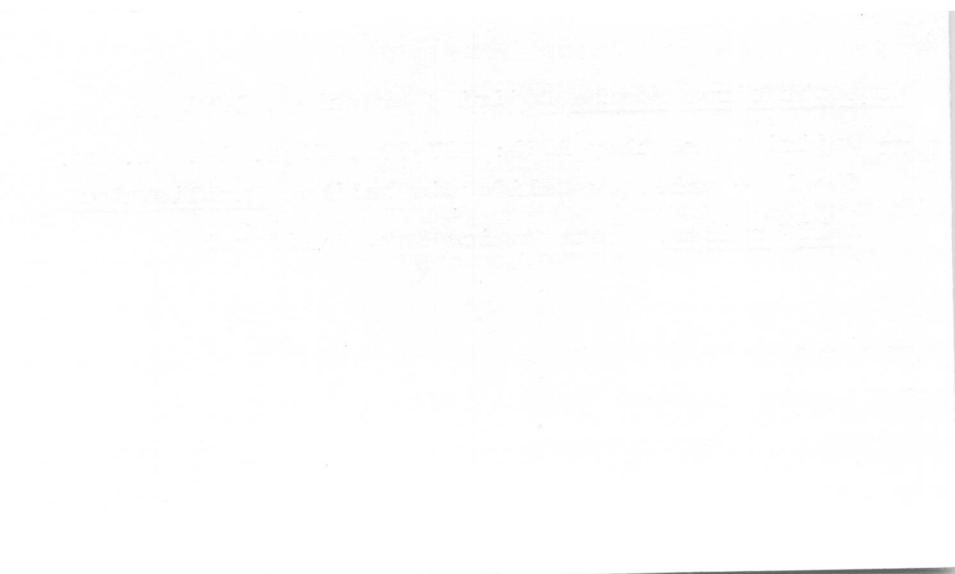
--Kabata, 1973, p. 743 & 746, a syn. ~~of~~ Lepeophtheirus  
parviventris of

Hosts. Pacific Cod, (*Gadus macrocephalus*); starry flounder, (*Platichthys stellatus*).



Lepeophtheirus spatha Dojiri & Brantley, 1991

-- Dojiri & Brantley 1991: 727-735, figs. 1-5, n. sp.  
female + male, ex California halibut Paralichthys  
californicus, Santa Monica Bay, California



*Lepeophtheirus spinifer* Kirtisinghe, ♂ ♀.

①

— — Kirtisinghe, 1937, p. 444: text-figs. 41-58

— —, M.P. Rangnekar, 1959, pp. 51-53, fig. 4. Skin of Rachycentron  
canadus Day, Bombay, India.

-- --, Pillai 1961. pp. 128-129, fig. 23

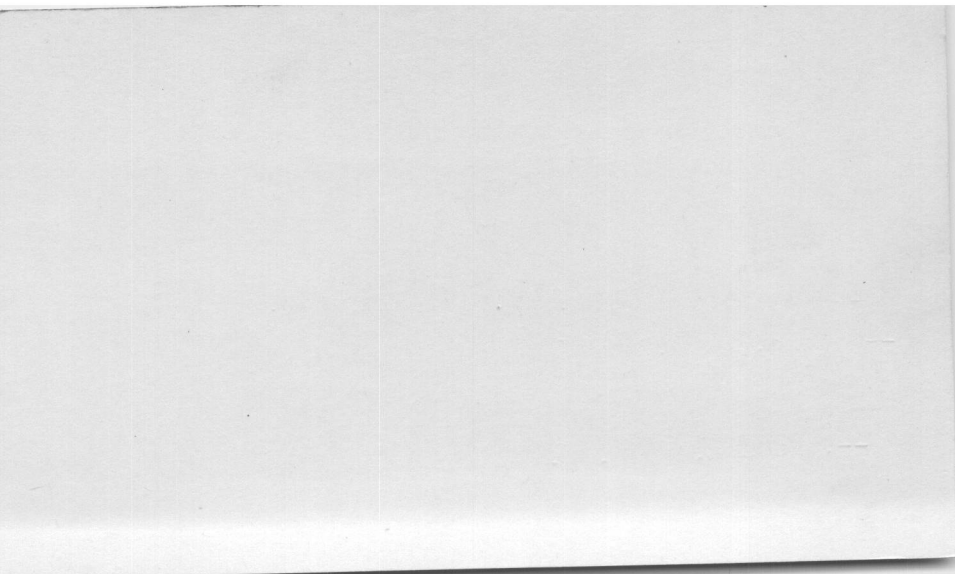
-- Kabata, 1973, p. 758

Host. Skin of *Chorinemus*, sp., Ceylon.

--, Kabata, 1974, p. 47

-- Pillai, 1966, p. 133-135, fig. 7

-- --, Pillai, 19?, p. 1605, fig. 107



Lepeophtheirus spinifer Kirtisinghe 1937

card 2

-- Castro & Baeza 1981: 326

-- PRADHA 1983: 68, FIG. 14

Lepeophtheirus stromii (Baird) ♀. Caligidae.

Caligus stromii, Baird, 1847, p. 260.

A synonym for Le. salmonis.  
(Wilson, 1905, p. 640).

— — Scourfield, 1903, p. 540

— — Thompson, 1893, p. 212; pl. 27, f. 6, b.

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

-- Berland & Margolis 1983: 284-5

-- NERESHMEIER 1909 b: 75, FIG. 321, GERMANY

Leprophtheirus sturionis (Kröyer) ♀ Caligidae.

- CALIGAS, Kröyer, 1837, pl. VI, fig. 6; 1838, p. 11.  
—, Milne-Edwards, 1840, p. 457.  
—, Stp. + Tütken, 1861, p. 355.  
—, Kröyer, 1863, p. 139; pl. XVII, fig. 4.

Host, Skin of Acipenser sturio.

European Seas.



- — . Bassett-Smith, 1899, p. 455.  
— — , T. Scott, 1905<sup>a</sup>, p. 110: pl. V, figs. 7-14.  
— — . Hofer, 1904, p. 181.  
— — Pearson, 1906, p. 26.  
L. — Wilson, 1905, p. 555: p. 617 (key), <sup>N.</sup> COMB.  
— — Pesta, 1934, p. 23: fig. 16.  
— — , AULOQUE, 1899: 199  
— — NERESHKIMER 19096: 75, FIGS. 322, 323, GERMANY  
— — KABATA & HEWITT 1971: 1150  
L. — , PARKER 1968: 363, TRANSFERRED BY WILSON,  
— 1965, FROM CALIGUS

Lepeoptheirus sturionis (Krøyer, 1838)

CARD

CALIGUS -, MARGOLIS ET AL. 1975: 77

-- Fryer 1982:10

-- KABATA 1992: 73; FIG. 17E-G, SYNONYMY, HOST LIST

Isopropocheirus submi, Brady, ♀.

— —, Brady, 1883, p. 132; pl. LV, fig. 2.

— —, Bassett-Smith, 1899, p. 454.

— — Wilson, 1905, p. 616.

Host, Scarus, sp.

● Cape Verde Islands.

Caligidae.

Caligoidea.

Loeophtheirus thompsoni Baird, ♂. ♀.

— — Baird, 1850, p. 278: pl. 33, §. 2.

— — White, 1850, p. 121: 1857, p. 316.

— — B-Smith, 1899, p. 455

— — T. Scott, 1900, p. 152: pl. 5, §. 43-45.

Host. Rhombus maximus: R. laevis: Arius  
renosus.

Bohuslän: Faroes: British Seas:

Woods Hole.

- Thompson & Scott, 1903, p. 294.
- aliquis gracilis* P. J. v. Beneden, 1851, a, p. 90: pl. 2, f. 1-7.
- Beneden, 1861, p. 147: Richiardi, 1880, p. 148,
- aliquis branchialis* Stp. & Lutkey, 1861, p. 362: pl. 2, f. 3,
- Claus, 1864, p. 365: pl. 33, f. 3-7: pl. 34, f. 8-9.
- epoophtheirus rhombi* Krøyer, 1863, p. 118: pl. 5, f. 5, a-i.
- *gibbus* Krøyer, 1863, p. 121: p. 17, f. 2, a-i.
- *gracilescens* Krøyer, 1863, p. 124: pl. 6, f. 2, a-i.
- *gracilis* Carus, 1885, p. 359: Brian, 1898, p. 12:
- pl. 1, f. 5: 1899, p. 3.
- *obscurus* B-Smith, 1896, a, p. 157: 1896, b, pl. 4, f. 2.
- *branchialis* B-Smith, 1899, p. 456.
- *obscurus* T. Scott, 1900, p. 153: pl. 6, f. 16-19.

- — Gurney, 1933, p. 324: nauplius + copepod stages
- — Wilson, 1932, p. 410: fig. 257.
- — Pesta, 1934, p. 26: fig. 18.
- —, Causey, 1960, p. 330.
- , Kabata, 1970, p. 59
- , Boer, 1970-2, p. 13, tbl. 1
- KENSLEY & GRINDLEY 1973: 86
- KABATA 1992: 74, FIG. 17 H-J, SYNONYMY, HOST CI

*L. thompsoni* (2) OHM

— —. Wilson, 1905, p. 619: pl. 18, figs. 212-219.

— —. M. J. Rathbun, 1905, p. 92.

— —. Pearson, 1906, p. 25.

— —. B-Smith, 1896, a, p. 157.

*L. branchialis* Cadd, 1904, p. 19.

*L. thompsoni* T. Scott, 1906, b, p. 368.

*L. obscurus* T. Scott, 1900, b, p. 153: pl. 6, fig. 16-19.

*L. thompsoni* Wilson, 1908, p. 441.

*L. rhombi* Brian, 1899, c, p. 199; 1906<sup>b</sup>, p. 1.

*L. gracilescens* B-Smith, 1899, p. 457.

— *thompsoni* Hansen, 1923, p. 32.

Lepeophtheirus thompsoni Nordmann

- Nordmann

- Tempere, 1898: 168, pl. 21, fig 16

-- ZEDDAM ET AL. 1988: 129, 138, 143 - HOST PSETTA  
MAXIMA, MEDITERRANEAN + NORTH SEA



Lepeophtheirus trifidus sp. nov.

-- --, Shiino, 1965, p. 441-447.

--, Kabata, 1973, p. 750, a syn. of Lepeophtheirus  
pravipes

Caligidae

Toepeophtheirus trygonis, Della Valle, ♀.

— —, Della Valle, 1882, p. 245. (no description)

— —, *Comus*. 1885, p. 360.

Host. Gill cavity of Trygon pastinaca.

○ Mediterranean.

Lepeophtheirus uncus

name referred to by  
Bene

--Kabata, 1973, p. 757, see L. oblitus

but never  
published

Caligiadae Caligoida

Lepeophtheirus venoi Yamaguti ♀

— — Yamaguti, 1939, p. 451: pl. 16, figs. 25-28; pl. 17, figs. 29-31

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

-- CARLI + BRUZZONE 1977/78: 61, 64, 71-72, SYNONYM,  
WITH L. SALMONIS NOT PROVEN.

Host Operculum, Salmo gorbuscha Walb.

Hokkaido, Japan

Caligoida Caligidae

Lepeophtheirus unispinosus Pearse

1952--- Pearse, A.S., pp. 206-208, figs. 50-53

--, DOTIRI, 1979: TAB. 2, 3

Lepeophtheirus vesper ? Milne-Edwards, of Bassett-Smith  
(1896)

--, Kabata, 1969, p. 750 & 754, a syn. of Lepeophtheirus  
salmonis.

--, ACLOQUE, 1899:199 (as L. VESPA)

LEPOTHEIRUS WATANABEI SHINO - SRE

L. BYCHOWSKYI

Lepeoptheirus yanezi Stuardo et Fagetti

--- --- Stuardo et Fagetti 1961, pp. 65-71, pl. 3-4



<sup>sp</sup>  
Leophtheirus yanezi Stuardo and Fagetti 1961

--, Kabata, 1974, p. 47

--, DOTIRI, 1979: TAB. 3

-- CASTRO & BAEZA 1981: 318, 326

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

Lepeophtheirus zbigniewi Castro & Baeza, 1981

- Castro Romero & Baeza Kuroki 1981: 318, 320-327, figs. 8-32, n. sp. ♀♂, from Auchenionchus microcirrhis.
- Castro & Baeza, 1984: 203.
- BAEZA K. + CASTRO R. 1982: 3

Lepeophtheirus sp.

-- Sankurathri et al. 1983: 9,11,19.

-- SANDER & MOORE 1978: 233.

LEPEOPHTHIRUS sp, CRESSEY, R. & NUTTER 1987:

600-602, HOST RECORDS, LOUISIANA

-- NAGASAWA 1993a: 312

Lepeophtheirus spp.

-- Kabata 1988: 24-25, host list