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Chondracanthus, valid. Chondracanthidae - Lernaeopoda
POECILOSTOMATIDA

Delaroche, 1811.

C. zeii.

Has for synonyms - Entomoda (Lamarck, 1818); Anops (Oken, 1815); Lernantoma (Blainville, 1823) and many species of Lernaea: Lernacantha (Blainville, 1822),

Χόνδρος = cartilage and ἀκάρθα = a spine.

Head distinct, separated from v body by a more or less constricted neck. Thorax indistinctly 2-jointed, bearing 2 pairs of lobe-like legs. Gen. segt. compressed, with concave borders, or provided with irregular globose or elongated processes. Abdomen distinctly jointed, and placed between the 2 post. horns.

Anterior antennae 2- or 3-jointed; posterior pair unciniate, strong - Mouth + mouth parts close to the antennae - Egg-sacs large, eggs multiseriate. Male a pigmy: the cephalothorax carries the strong hook-like posterior antennae on v dorsal surface; abdomen segmented; thorax legs articulate.

Chondracanthus Delaroché, 1811, p. 270.

Anops Oken, 1815, p. 358.

Entomoda Lamarck, 1818, p. 685.

Lernacantha Blainville, 1822, p. 442.

Chondracanthus Cuvier, 1830, p. 258

Chondracanthus M-Edwards, 1840, p. 504.

Lernentoma Blainville, 1822, p. 440

Chondracanthus T. & A. Scott, 1913, p. 167.

CHONDRA CANTHUS DELAROCHE, 1811

CARD 3

- SCHRAM 1986: 450, FIG. 37-1E

- BELCIK 1981: 23

- KABATA 1988: 90, 92 - 96, DIAGNOSIS, KEY TO SPECIES IN CANADA

- SCHIMKEWITSCH 1899: 114

- HO 1970: 113, SYN. ACANTHOCANTHOPSIS HEEGARD, 1945, NEW SYNONYMY; 152-, REVISION, DIAGNOSIS

- KABATA 1992: 175-176, DIAGNOSIS, KEY TO BRITISH SPECIES

- HO 1994: 514

Chondracanthus Delaroche, 1811

card 4

- Hogans & Benz 1990: 2484-

CHONDRA CANTHUS ABDOMINALIS - SEE C. LOPHII

Chondracanthus alatus - see Protochondracanthus

Chondracanthus angustatus, Heller, ♀. ①

— —. Heller, 1865, p. 230; pl. XXIII, fig. 2.

— —, Schaub, 1876, p. 11; pls. I—III.

— —, Heller, 1866, p. 756.

— —, Stossich, 1880, p. 254.

— —, Rousset et al., 1978, p. 73-89, figs. 1-6

Host. Uranoscopus scaber, Skrin.

Mediterranean.

- , Valle, 1880, p. 75.
—, Carus, 1885, p. 354.
—, Brian, 1898, p. 21.
—, B-Smitk, 1899, p. 493.
—, Brian, 1899, d, p. 1.
—, Richardi, 1880, p. 6.
—, Brian, 1929, p. 46.
-- --, Nunes-kuiivo, 1952, pp. 4, fig. none..
--, Deboutterville, + Nunes, 1952, p. 294, fig. 2a
--, COSTE, ET AL., 1978: 466, 479

Chondracanthus angustatus Heller, 1865

card 2

-- Coste et al. 1982: 249, 259

-- RAIBAUT ET AL. 1971: 190-193, FIGS. 52-62 ♀♂
HOST URANOSCOPIUS SCABER, TUNISIA COAST.

-- H.J. GRANT & WHITFIELD 1988: 603

-- Ho 1970: 114, RETURNED TO CHONDRACANTHUS
FROM PROTOCHONDRACANTHOIDES.

-- Ho 1991: 56, SYN. C. BIFURCATUS CAPART.

Chondracanthus annulatus Olsson - see Acanthochondrites

CHONDRAANTHUS AUSTRALIS Ho, 1991

-- Ho 1991: 1, 5-8, FIGS. 3-5, N. SP., NEW ZEALAND,
HOST MACRONURUS NOVAEZELANDIAE + OTHERS.

-- Ho 1991: 56

Chondracanthus barnardi Ho, 1972

n. sp., Ho, 1972, pp. 149-51, fig. 2 A-J, ~~new~~
~~Excerpt~~

-- KENSLEY & GRINDLEY 1973:121

-- Ho 1991:56-58

Chondracanthus bifurcatus Capart

- Capart, 1959: 109-110, fig. 31a-d

-- Ho 1991: 56, TAB. 2, SYN. OF C. ANGUSTATUS

Chondracanthus bleekeri, Richiardi. ♀

— — , Richiardi, 1881a p. 248. nomen nudum.
(never described or figured)

— — , B. Smith, 1903, p. 109.

(To Pietro Bleeker who died in Jan'y, 1878)

C. BLEEKERI, Ho 1991: 55, NOMEN NUDUM.

Host Gills of Chilinus chlorurus, and
Pseudorthombus russeli.

Mediterranean.

Chondracanthus brevicollis - see Ceratochondria

Chondracanthidae - Lernaepodoida

Chondracanthus briani Yu & Wu, ♀

— — Yu & Wu, 1932, p. 64: pl. 5, figs. 1-4.

Host. Gills, Verasper variegatus (Schlegel).

Chefoo, China.

Chondracanthus brotulae Capart

-Capart, 1959: 110, fig. 32a-e

-- Ho 1991: 58

hermaeopodoida

Chondracanthus chilensis New Species, ♂, ♀

— Wilson, 1918, p. 11: 6 text-figs.

Acanthochondria — Oakley 1930, p. 186

— Stuardo & Fagetti, 1960: table

-- VILLALBA S. + FERNANDEZ B. 1985: 31

-- ATRIA G. 1980: 303

Host . Unknown fish, Valparaiso, Chile.
Feb. 1916. Merluccius gayi.

Chondracanthus chylomycteri - see Pseüdochondracanthus

Chondracanthus clavatus 'Bassett-Smith - see

Acanthochondria

Chondracanthus colligens Barnard, 1955

Barnardia, n. comb., Yamaguti 1963: 280; type of n. g.

C. -, Ho 1970: 113, rejected Barnardia, returned
colligens to Chondracanthus.

C. -, Ho 1972: 151-152, figs. 3A,B

C. -, Kensley & Grindley 1973: 121

C. -, Ho 1974: 872

C. -, Ho 1975: 308

C. -, Ho 1991: 58

CHONDRAE ANTHUS CONGIOPODI - SEE

C. TUBERCULATUS

Chondracanthus cornutus (Müller) - see Acanthochondria

Chondracanthus cottunculi Rathbun, ♀, ①

— — Rathbun, 1886, p. 322: pl. 11, fig. 1-7.

— — Fowler, 1912, p. 475.

— — Wilson, 1932, p. 497: fig. 297, c.

Chondracanthosis^p — —, Oakley 1930, p. 186

~~Wilson~~

Host Gills of Cottunculus torvus: C. microps:

— —, Ho, Ju-sheng, 1971, p. 17-20, Fig 12-14
N. Atlantic.

= CHONDRACANTHUS Chondracanthidae - Lernaeopoda.

Chondracanthopsis cottunculi (Rathbun), ♀ (2)

Chondracanthus - Rathbun, 1886, p. 322: pl. 11, f. 1-7.

— — Fowler, 1912, p. 475.

Chondracanthopsis - Oakley, 1930, p. 196.

— — Wilson, 1932, p. 508: pl. 39, a-f.

CHONDRACANTHUS, N. COMB., KABATA 1968: 328,

SUPPRESSED CHONDRACANTHOPSIS

Host, Gills of Cottunculus torvus + microps.

N. Atlantic.

CHONDRACANTHUS —, Ho 1970: 113, AGREED WITH KABATA

Chondracanthus cottunculi

card 3

--, Ho, 1978, p. 9, 10, fig. 17

-- KABATA 1988:94, FIG. 406; HOST RECORDS-CANADA

-- Ho 1970: 113, 154

-- Ho 1991: 58

Chondracanthus crassicornis Krøyer - see Heterochondria

Chondracanthus cynoglottidis, Thompson
+ Scott, ♀. Chondracanthidae

— — , Thompson + Scott, 1903, p. 294, fig. 1 (text)

Acanthochondria _____, Oakley 1930, p. 186

Host. Nasal coccum of Cynoglossus bra-
chyrrhynchus + C. brevirostris.

Ceylon.

Chondracanthidae - Lernaeopodoidea
Chondracanthus delarochiana Cuvier ♀.

-- Cuvier, 1830, p. 334: pl. 15, f. 3.

A synonym for Ch. zeus.

--, ACLOQUE, 1899: 197

-- Ho 1991: 54, SYN. OF C. LOPHI JOHNSTON.

Chondracanthus deltoideus Fraser, 1920

-- Kabata 1984: 1703, 1705, 1710-1713, figs, 56-67 ♀;
proposes sp. remain in Chondracanthus.

-- KABATA 1988: 93, FIG. 40C, HOST RECORDS-CANADA

ACANTHOCHONDRIA DELTOIDEA, Ho 1970: 127,

PROBABLY CONSPECIFIC WITH A. CORNUTA.

C. -, Ho + KIM 1995a: 34

C. -, Ho + KIM 1995b: 57, TAB. 1

C. -, Ho 1991: 58

Chondracanthidae - Ternaepodoida

Chondracanthus deltoideus Fraser, ♂, ♀.

— — Fraser, 1920, p. 59: pl. 5, f. 77-80; pl. 6.

f. 81-83

Host, Gill cavity of Hexagrammus deca-
grammus.

Vancouver Island.

Chondracanthus depressus, ^{Chondracanthidae.} T. Scott. ♀, ♂

— —, T. Scott, 1905^a, p. 114: pl. VI, figs. 7-13.

— —, T. Scott, 1906, b, p. 372.

— —, El Saby, 1930, p. 110: 2 text-figs. ♂.

Acanthochondria depressa, Oakley 1930, p. 186

Host Gills of flounder, Pleuronectes flesus.

Scotland,

CHONDRA CANTHUS DEPRESSUS - see
ACANTHOCHONDRIA CORNUTA

Chondracanthus distortus n. sp. ♂. ♀.

— Wilson, 1922, p. 8: pl. 4, f. 33-39.
-- --, Shiino, 1955, pp. 71-74, figs. 1-2.. Japan.

--, Ho, 1972, p. 154

--, Ho, 1975, p. 305, fig. 2

- Ho 1994: 506

Host. Gills of Zeus japonicus.

-- KAZACHENKO 1994: 28, FIG. 2D

-- Ho 1991: 53

Japan -

CHONDRA ANTHUS DOGIELI - SEE

C. IRREGULARIS

Chondracanthus ^{Chondracanthidae.} *dufrenoyi* (Blainville)†

Ternentoma —, Blainville, 1822, p. 441: pl. Unn.

fig. 11.

Chondracanthus —, Cuvier, 1817, vol. 3. p. 65.

C. —, Ho 1991: 56, TAB. 7, SYN. OF C. LOPHII

Host. Not given.

CHONDRODONTUS ELONGATUS - see
ACANTHODONTIA

C HONDRA CANTHUS EPACHTHES - SOL
A CANTHOCHONDRIA

CHONDRODONTUS FLURAE - See

ACANTHODONTIA CORNUTA

CHONDRA CANTHUS GALERITUS - see
ACANTHOCHONDRIA

Gonypterus gonypteri, Thomson, ♀.

- —, Thomson, 1889, p. 372: pl. xxviii, figs 6, 6a.
- —, B. Smitt, 1899, p. 494.

Host. Gills of Loing, Gonypterus blacodes.

New Zealand.

Chondracanthus genypteri Thomson

* --, Ho, 1972, p. 152

--, Ho, 1974, p. 872

--, Ho, 1975, p. 306-308, figs. 3-4

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

- GENIATERI, Ho & KIM 1995b: 57, TAB. 1

-- VILHALBA S. & FERNANDEZ B. 1985: 32, 36-37, FIGS. 60-80, HOST FISH GENYPTERUS BLACODES, CHILE.

-- ATRIA G. 1980: 307

-- Ho 1991: 58

Chondracanthus gibbosus, Kröyer, ♂.♀.

—, Kröyer, 1837, p. 252: pl. II, figs. 4, 4a, + pl. III, fig. 2

—, —, 1840, p. 738; pl. II, fig. 4: pl. III, fig. 2.

—, Rathke, 1843, p.

—, W. Thompson, 1847, p. 248 (= Ch. lophii)

—, BENEDEN + BESSELS 1868: 33

Host. Gills + Gill-cavity of Loophius piscatorius.

— Ho 1991: ⁵⁶ TAB. 2, SYN. OF C. LOP #11

- —, van Beneden, 1851, a, p. 104; pl. III, figs. 10-15.
 - —, Claus, 1858, b, p. 3; pl. I, figs. 1-14.
 - —, Kröyer, 1863, p. 258.
 - —, Heller, 1866, p. 756. p. 151
 - —, van Beneden, 1870, p. 54; pl. II, fig. 3; 1861
 - —, Stossich, 1880, p. 254.
 - —, Valle, 1880, p. 74.
 - —, Vogt, 1877, b, p. 75; pl. V, figs. 1-4. ♂: pl. VI,
figs. 1-3 ♀.
 - —, Richiardi, 1880, p. 6.
- A synonym of Ch. lophii
- —, Timm, 1894, p. 397.

CHONDRAANTHUS GIBBOSUS SHIINO, 1955-

SEE C. SHIINOI.

Chondracanthus gobius, Müller, ♀ Chondracanthidae.

Lernaea g--^{P. 39,}, Müller, 1976, ^{pl.} XXXIII, fig. 3.

A synonym of Diocus gobius.

Chondracanthidae - Bernaeopodidae
Chondracanthus gracilis Fraser, ♂, ♀,

— Fraser, 1920, p. 61: pl. 6, f. 84-93.

Acanthochondria gracilis, Wilson in Museum collections.

--, Kabata, 1968, pp. 332-5, figs. 32-53

--, Kabata, 1976, pp. 2507, 2511, 2523, figs. 12-15

-- IZAWA 1987: 153 -

Host. Gill cavity, Scorpaenichthys mar-
morata,

Vancouver Island.

Chondracanthus gracilis Fraser, 1920

card 2

-- Kabata 1988: 93, Fig. 40B, host records - Canada

-- IZAWA 1986 p: 160

-- Ho 1991: 58

Chondracanthidae-Lernaeopodoidea

Chondracanthus gracilis var. intermedia Wilson

_____ Wilson 1935, Pacific coast, p. 786-787,
Pl. 27, figs. 36-40, ♀

Acanthochondria _____, Wilson, in museum collections

---, Kabata, 1968, p. 335

Chondracanthus grandigenitalus Yu & Wu, ♂ ♀.

— — Yu & Wu, 1932, p. 62: pl. 4, figs. 1-4.

Host. Gills, Paralichthys olivaceus (Schlegel)

Chefoo, China

Chondracanthus gurnardi, ~~P. J. van Beneden~~
OLSSON, 1868

— — Beneden, 1870, p. 31: pl. II, fig. 2.

— — Olsson, 1869, p. 31.

A synonym of Oraliu asellinus.
(B. Smith, 1899, p. 490)

Chondracanthus heterostichi Ho, 1972

n. sp., Ho, 1972, p. 527-9, figs. 3-4

-- Ho 1991: 59

Chondracanthus

Chondracanthus horridus, Heller, ♀

- — —, Heller, 1865, p. 232: pl. XXIII, fig. 4.
— — —, Stossich, 1880, p. 254.
— — —, Carus, 1885, p. 355.
— — —, B. Smith, 1899, p. 493.

Host. Skin of Gobius j0350,
Mediterranean.

-- Richardi, 1880, p. 6.

-- C. B. Wilson 1935: 787, MONTEREY, CALIFORNIA,
HOST HETEROSTICHUS ROSTRATUS.

DISPHAEROCEPHALUS --, DEBOUTTEVILLE + NUNES
1952: 294-, FIGS. 26, 3, 4

-- Ho 1991: 59

Chondracanthus hystrix, Costa, ♀.

——. Costa, 1829, p.

——, Carus, 1885, p. 355.

Host.

Mediterranean

Chondracanthus inflatus - see Acanthochondrites
annulatus

/
not real Olsson species

Chondracanthidae-Lernaeopoda

Chondracanthus irregularis Fraser, ♂. ♀.

— Fraser, 1920, p. 62: pl. 7, f. 94-100

--, Kabata, 1968, pp. 323-328, figs. 1-14,
(syn.: C. dogieli ~~xx~~ Gusev, Chondracanthopsis
dogieli (Gusev) Markevich)

---, Ho, 1975, p. 311

Host, Gills of Enophrys bison.

Vancouver Islands.

Chondracanthus irregularis Fraser, 1920 card 2

-- Kabata 1988: 94, Fig. 40J, host records - Canada

Chondracanthopsis dogieli, Ho 1970: 113, transferred to

Chondracanthus

-- Ho + Kim 1995a: 32, TAB. 1

CHONDRACANTHUS DOGIELI, Ho 1991: 56, TAB. 2, SYN.

OF C. IRREGULARIS; 59

-- Ho + Kim 1996: 283, SEA OF JAPAN; HOST

MYXOCEPHALUS POLYACANTHOCEPHALUS.

C. irregularis

Chondracanthus dogieli Gusev, 1951

--, Kabata, 1968, p. 323, =C. irregularis Fraser

Lernaeopodida--- Chondracanthidae

Chondracanthus janebennettae Causey, 1953

--- Causey, David, 1953, pp. 10, fig. 10, LOUISIANA

-- , Ho, Ju-Shay, 1971, p. 20-22, Fig 15-17, p. 2 Key

- - CAUSEY 1955: 11-12, PLATE III FIGS. 13-16, REDES-
CRPTION, HOST PARALICHTHYS LETHOSTIGMA, MISS.,
LOUISIANA, TEXAS

- - Ho 1991: 59

CHONDRAACANTHUS LACINIATUS - SEE CALIGUS

Chondracanthus laevigatus, Quoy & Gaimard, ♀

— —. Quoy & Gaimard, 1824, p. 541: pl. 86, fig. 10.

A synonym of Sphyrion laevigatum.

Chondracanthidae.
Chondracanthus laevirajae, Valle, ♀.

— — Valle, 1880, p. 73.

A CANTHOCHONDrites
A synonym of Ch. annulatus.

Chondracanthidae - Ternaeopodoida.

Chondracanthus larochii Krøyer, ♀

— Krøyer, 1837, p. 196 and footnote,

— Brady, 1883, p. 136

— Ho 1991: 56, TAB. 2, SYN. OF C. ZEI.

A synonym of Chondracanthus zeii.

Cuvier designated pl. XV, f. 3 of *Le Règne Animal*, 1830, vol. 3, as "*Le Chondracanthe de la Roche*". Krøyer mistook this for a specific name.

Chondracanthus lepidionis Kabata, 1970

n. sp., Kabata, 1970, pp. 180-2, figs. 22-41,

"CENTRAL
ATLANTIC"

~~---, Ho, 1974, p. 870, figs. 1-17~~

-- Ho 1991: 59-60

Chondracanthus lepophidii Ho, 1974

-- Ho 1974: 870-873, FIGS. 1-17, N.SP. ♀♂ OFF PERU, HOST

--, Ho, 1977, p. 158

LEPOPHIDIUM EMMELAS

-- Ho 1991: 60

Chondracanthus limandae, Kröyer, J. G. Chondracanthidae.

— —, Kröyer, 1863, p. 248: pl. XIV, fig. 2 a-b.

— —, B. Smith, 1899, p. 492.

— —, T. Scott, 1900, p. 167: pl. VII, figs. 38-40.

— —, T. & A. Scott, 1913, p. 174: pl. 47, f. 6: pl. 56

Acanthochondria _____, Oakley 1930, p. 186 §. 11, 12

Host, Gills of Platessa [Pleuronectes]
limanda, Linn.

Faroes: Irish Sea: Europe.

— — Hansen, 1923, p. 44

Chondracanthus lisse, Quoy & Gaimard. ^{Chondracanthidae}

—, Quoy & Gaimard, 1824, pl. 86, fig. 10.

CHONDRACANTHE - , Lüling 1953: 42

a synonym for Sphyrion laevigatum

Chondracanthidae Kernaepocloida

Chondracanthus longicephalus Yu & Wu, ♀.

— — Yu & Wu, 1932, p. 57: pl. 2, figs. 1-7

Made type of new genus Heterochondria, Yu, 1935, p. 2.

Host. Gills, Pseudorhombus arsius (Ham. Buch.)

Amoy, China.

Chondracanthus lophii, Johnston, ♂. ♀. Chondracanthidae.

— —. Johnston, 1836, p. 81; fig. 16 a-c (text).

Ch. gibbosus, Kröyer, 1837, p. 252; pl. II, figs. 4, 4a,
pl. III, fig. 2.

Ch. lophii, —, 1840, p. 738; pl. II, fig. 4.

Host. Gills + Gill-cavity of Lophius piscatorius.

Mediterranean:

English Seas:

Faroes:

- Ch. lophii, Thompson, 1840, p. 257.
- Ch. delarochiana ("pars"), M-Edwards, 1840, p. 504.
- Ch. lophii, Rathke, 1843, p. 116; pl. V. fig. 11-18
- gibbosus (= lophii), Thompson, 1847, p. 248.
- Lermentoma lophii, White, 1850, p. 128; 1857, p. 328
- —, Baird, 1850, p. 330; pl. XXXV, fig. 3.
- Ch. gibbosus, van Beneden, 1851a, p. 105; pl. III, figs 10-14
- —, Claus, 1858b, p. 3; pl. I, figs. 1-14
- —, Kröyer, 1863, p. 258.
- —, Heller, 1866, p. 756.
- —, Norman, 1869, p. 301.

- Ch. lophii*, Olsson, 1869, p. 34.
 — —, Normann, 1868, p. 301.
Ch. gibbosus, van Beneden, 1870, p. 54: pl. II, fig. 3.
 — —, Stossich, 1880, p. ~~XX~~ 254.
 — —, Valle, 1880, p. 74.
 — —, Vogt, 1877, b, p. 75: pl. V, figs. 1-4, ♂.
 pl. VI, figs. 1-3, ♀.
Ch. lophii, B. Smith, 1896, p. 162.
 — —, —, 1899, p. 494.
 — —, T. Scott, 1900, p. 167.
 — —, Pesta, 1934, p. 49: fig. 30.

Ch. lophii, Turner & Wilson, 1862, p. 67; pl. III,

figs. 1-16.

— — —, A. Scott, 1904, p. 122; 1904, a. p. 42.

— — — Pearson, 1906, p. 28.

— — — Norman & Brady, 1909, p. 156.

gibbosus Schimkewitsch, 1893, p. 1-7; 4 text-figs.

— — — Schimkewitsch, 1896, p. 341; pl. 14, fig. 1-4, 8-10, 21-22.

— — — T. Scott, 1906, b, p. 372.

— — — T. & A. Scott, 1913, p. 179; pl. 52, fig. 4; pl. 56, fig. 16-18.

— — — Hansen, 1923, p. 45.

— — — Oakley, 1930, p. 187; fig. 1, B-D, text.

Chondracanthus lophii Johnston, 1836 card 3

--, Ho, 1972, p. 149, Barnard, 1955, specimens =

C. barnardi

--, Heegaard, 1959, p. 234, fig. 3.

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

-- SPROSTON 1942: 442, 443

-- KOGA 1973: 32, FIG. 2-9

-- KOGA 1984b: 119, FIG. 10-9

-- DELAMARE DEBOUTTEVILLE + NUNES-RUIVO 1958:
231, FIG. 10a, b, ON LOPHIUS PISCATORIUS, BANVULS

-- IZAWA 1987: 153-

Chondracanthus lophii Johnston, 1836

card 4

-- P.J. Whitfield et al. 1988: 585

-- IZAWA 1991: 73 -

-- KABATA 1992: 178-, FIG. 39 B-D, SYNONYMY, HOST LIST

-- IZAWA 1986b: 160

-- HO 1991: 56, TAB. 2, 54, 60; SYN. C. ABDOMINALIS

HEEGAARD.

C. ABDOMINALIS, HEEGAARD 1943: 30, FIGS. 82-86,

♀, HOST UNKNOWN, EAST INDIES.

CHONDRAANTHUS LOPHIUS RISSO, 1826

-- Ho 1991: 56, TAB. 2, SYN. OF C. LOPHI

CHONDRACANTHUS

Chondracanthodes lotellae (Thomson). ♀♂

Chondracanthus — Thomson, 1889, p. 372: pl. 28, fig. 7.

— — Bassett-Smith, 1899, p. 493.

Chondracanthodes — Wilson, 1932, p. 506.

— — Wilson, 1935, p. 789.

CHONDRACANTHUS —, n. comb., Ho 1970: 148

Host. Gills of Myoxocephalus acanthocephalus.
West coast of Alaska.

Chondracanthus lotellae, Thomson, F. 2

— —, Thomson, 1889, p. 372: pl. XXVIII, fig 7a+b.

— —, B-Smitk, 1899, p. 493.

Chondracanthodes _____ Wilson 1932, p. 506

--, Ho, 1975, p. 308-311, figs. 5-6

--, Hewitt & Hine, 1972, p. 93

Host, Gills of Lotella bacchus,

CHONDRACANTHODES —, Ho 1970: 148-

New Zealand.

CHONDROCRANTHUS LOTELLAE THOMPSON, 1889 3
- LOTELLA, KAZACHENKO 1994: 28, FIG. 28
- - Ho 1991:60

Chondracanthus macrurus Brady - see Lateracanthus

Chondracanthidae.
Chondracanthus merlangi, Holten, ♀.

Lernaeae, Holten, 1802,

Ch. —, Kröyer, 1863. p. 257.

-- Ho 1991: 56, TAB. 2, SYN. OF C. MERLUCCI

Host.

Unknown -

Chondracanthus merluccii, Holten ♂, ♀.

Lernaea —, Holten, 1802a, p. 135; pl. III, fig. 2.

Ch. —, Kröyer, 1837, pp. 196, 278; pl. III, fig. 9a-d.

— —, M. Edwards, 1840, p. 503.

Ch. xiphiæ, Cuvier, 1829-44, pl. IX, fig. 20.

Host. Gills of Merluccius vulgaris and M. esculentus, and M. bilinearis.

Europe

- Ch. merluccii*, M-Edwards, 1836-49, pl 32, fig. 2.
 — *merluccii*, Heller, 1866, p. 756.
 — *merluccii*, Olsson, 1869, p. 33.
 — —. Stössich, 1880, p. 253.
 — —, Valle, 1880, p. 73; Richardi, 1880, p. 6.
 — —. Carus, 1885, p. 354.
 — —. B. Smith, 1896, p. 161.
 — —, —, 1899, p. 494.
 — —. T. Scott, 1900, p. 166.
Ch. radiatus, Scott & Thompson, 1900, p.
Ch. merluccii, A. Scott, 1901a, p. 352 (foot-note)
 — —, A. Scott, 1904b, p. 122; 1904, a. p. 42.
 — —. Kröyer, Isis, 1840, Tab. II 3, fig. 9, a-e.

- — Brian, 1898, p. 21.
- merlucci Brian, 1899, 6, p. 3, footnote.
- xiphiae Goode, 1883, p. 345.
- merlucci Schimkewitsch, 1896, p. 341: pl. 14, fig. 5-7, 12-13.
- — T. Scott, 1906, c. p. 372.
- — Timm, 1894, p. 397
- — Oakley, 1930, p. 188: fig. 2, A-C, text.
- — Wilson, 1932, p. 498: pl. 1, a; fig. 298.
- — W. Sharpe, 1934, p. 112, on *Gadus luscus*.
- — Pesta, 1934, p. 48: fig. 29.
- — Nunes-Riivo, 1956, p. 29-30, Merluccius capensis. Angola.

Ho, Ju-Shey, 1971, p. 23-27, fig 18-20

Ho, 1972, pp. 152

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

--, Brian, 1939, pp. 4,6,8

Chondracanthus merluccii (Holten, 1802) card 3

--, Kabata, Z., and J. Ho, 1981, p. 385

--, Ho, 1978, p. 9, 10, fig. 16

--, Belloc —, : 248 - 249 fig 40a

--, ACLOQUE, 1899: 197.

-- Sankurathri et al. 1983: 19.

-- KENSLEY & GRINDLEY 1973: 121

- Capart, 1959: 111, ~~fig.~~

- Stuardo & Fagetti, 1960: table

-- SCHIMKEWITSCH 1893a: 3-, DEVELOPMENT; AS

CHONDROCANTHUS

Chondracanthus merluccii (Holten, 1802)

card 4

-- Kabata 1988: 93, Fig. 40D, host record - Canada

-- KABATA 1992: 178, FIG. 39E, SYNONYMY, HOST LIST

-- VILLALBA S. & FERNANDEZ B. 1985: 38

-- Ho 1991: 9

-- Ho 1991: 54, 60

Chondracanthus multituberculatus (Markewitsch, 1956)

Chondracanthopsis -, Markewitsch 1956:

Chondracanthopsis multituberculata, Kabata 1968: 328

Chondracanthus -us, n. comb., Ho 1970: 113; rejected

Chondracanthopsis

-- Ho 1991: 54, 60

Chondracanthus narium Kabata, 1969

n. sp., Kabata, 1969, pp. 3043-7, 83 figs.

--, Kabata, 1970, p. 86

-- KABATA 1980: 93, FIG. 40A, HOST RECORD

-- Ho 1991: 61

Chondracanthidae - Lernaeopodoida

Chondracanthus neali Leigh-Sharpe, ♂♀.

— — Leigh-Sharpe, 1930, p. 468: figs. 1 & 2 text

--, Ho, 1972, pp. 152-5, figs. 4A-K, 5A-D

-- KENSLEY & GRINDLEY 1973: 121

Host. Gills of Malacocephalus laevis.

- KABATA 1992: 176-, FIG. 39A, HOST LIST

- Ho 1994: 506, FIG. 1A, EX MALACOCEPHALUS NIPPONENSIS,

OFF OKINAWA

Ireland.

.. Ho 1991: 61

Chondracanthus ninni, Richiardi, ♀. Chondracanthidae.

— —. Richiardi, 1882, p. 154.

— —. Carus, 1885, p. 355.

— —. B. Smith, 1903, p. 109.
(To Count A. P. Ninni)

Host. Gill cavity of Gobius panizzae.

Mediterranean.

Chondracanthus nodosus, (Müller), ♀. ①
Chondracanthidae.

- Lernaea n., Müller, 1776, p. 123; pl. xxxiii, fig. 5:
— —, Fabricius, 1780, p. 341. | 1779, p. 79:
— —, Lamark, 1818, p. 231. | 1822, p. 441
Lernentoma n., Blainville, 1823, p. 125:

Host. Gills of Pleuronectes, sp.
Sebastes marinus (Lütken), Lophius piscatorius (Gray) Greenland; Faroes:
Norway; North Sea: Europe.

- Ch. —, Kröyer, 1837, p. 196.
— —, —, 1838, p. 133; pl. III, fig. 2 a-f.
— —, M-Edwards, 1840, p. 503.
— —, White, 1847, p. 120.
— —, Kröyer, 1863, p. 258.
— —, Olsson, 1869, p. 34.
— —, Lütken, 1875, p. 162.
— —, B-Smilg, 1899, p. 494.
— —, Stephensen, 1913, p. 341.
Lernæa —, Gmelin, 1790, p. 3146.
Lernæotoma —, Blainville, 1822, p. 441.
Schisturus nodosus — Oken, 1816, p. 183.

Chondracanthus

C. nodosus (2)

Ch. — williamsoni, T. Scott, 1909, a, p. 76: pl. 3, f. 8-17.

— nodosus Wilson, 1920, p. 66.

— — Hansen, 1923, p. 45

Chondracanthopsis — Oakley, 1930, p. 196: f. 7, A-D.

— —, Ho, Ju-Shey, 1971, p. 27-31, Fig 21-23;
31-WILSON'S 1935 RECORD = C. WILSONI N.SP.

--, Kabata, 1968, p. 327, fig. 72, 73

--, Stephensen, 1940, p. 9

--, Ho, 1978, p. 8, 10, fig. 15

--, ACLOQUE, 1899: 198 (as "CONDRA-CANTHUS")

-- KABATA 1988: 94, FIG. 40 F; HOST RECORDS - CANADA

CHONDRA-CANTHOPSIS -, C. B. WILSON 1935. 348 DAYTON

= CHONDRAACANTHUS Chondracanthidae - Lernaeopodoida

Chondracanthopsis nodosus (Müller) ♂♀.

(3)

Lernaea - Müller, 1776, p. 123; pl. 33, fig. 5

Lernentoma - Blainville, 1822, p. 441.

Chondracanthus - See card C. nodosus.

Chondracanthopsis - Oakley, 1930, p. 196; fig. 7, A-D.

Host. Gills of Pleuronectidae.

CHONDRAACANTHUS - ^{KABATA 1968: 328,}
~~HO 1970: 113,~~ REJECTED CHONDRAACANTH-
OPSIS, RETURNED NODOSUS TO CHONDRAACANTHUS

CHONDRAACANTHUS - HO 1970: 113, AGREED WITH KABATA (1968).

CHONDRAACANTHUS; HO 1991: 53, 61

— — Wilson, 1932, p. 508: pl. 39.

--, Polianskii, 1955, p. 91-

CHONDRACANTHUS —, KABATA 1992: 179, FIG. 39I,
SYNONYMY, HOST LIST

CHONDRAACANTHUS OPHIDII - see ACANTHOCHONDRIA

Chondracanthus ornatus, T. Scott. ♂. ♀. ①
Chondracanthidae.

— —, T. Scott, 1900, p. 168.

— —, — —, 1901, p. 129; pl. VII, fig. 14.

— —, — —, 1902a, p. 298; pl. 13, fig. 34, ♂.

— —, B. Smith, 1903, p. 109.

Disphaerocephalus — —, Oakley 1930, p. 187, p. 197

Host. Gills of Spotted Dragonet, Callionymus maculatus.

English Seas.

— — T. & A. Scott, 1913. p. 182: pl. 41, f. 6; pl. 43,
[f. 7]

= CHONDRACANTHUS Chondranthidae. Lernaeopodoida

Disphaerocephalus ornatus (T. Scott), ♀.

2

Chondracanthus —, T. Scott, 1900, p. 168.

— — T. Scott, 1901, p. 129: pl. 7, fig. 14.

— — T. Scott, 1902^a, p. 298: pl. 13, fig. 34, ♂.

Disphaerocephalus — Oakley, 1930, p. 197: fig. 8, B-C.

Host. Gills of Callionymus maculatus.

= CHONDRA CANTHUS

Chondracanthidae-

Disphaerocephalus ornatus (T. Scott)

2

Chondracanthus ornatus, T. Scott, 1900, p. 168 ♀

C. _____ T. Scott, 1902a, p. 298, pl. 13, fig. 34 ♂

Disphaerocephalus _____ Oakley 1930, p. 197

--, Deboutteville + Nunes, 1952, p. 297

- - Ho 1970: 154-

C. -, KARATA 1992: 180 - FIG. 40A, SYNONYMY, HOST LIST

C. -, Ho 1991: 61

Chondracanthus pallidus, P. J. van Beneden ♀
Chondracanthidae.

— —, Beneden.

— —, Brian, 1899, a, p. 3.

Host. Gills of Xiphias gladius.

Mediterranean.

Chondracanthus palpifer. ♂, ♀. Chondracanthidae.

— —. Wilson, 1912, p. 93: pl. VI.

— —. Fraser, 1920, p. 63.

Acanthochondria —, Oakley 1930, p. 186

--, Kabata, Z., and J. Ho, 1981, p. 385

-- Sankurathri et al. 1983: 9, 11, 12, 16, 18, 19

Host, Gill cavity of Ladus macrocephalus.

— Stuardo & Fagetti, 1960: table

Nova: 110

Chondracanthus palpifer Wilson, 19~~8~~2

card 2

-- Kabata 1988: 93, Fig. 40E, host records - Canada

-- Ho + Kim 1995b: 57, TAB. 1

-- VILLALBA + FERNANDEZ 1985: 32, 37-39, FIGS. 81-
104, CHILE

-- ATRIA G. 1980: 307

-- Ho 1991: 61

-- Ho 1991: 1-4, FIGS. 1, 2, OFF BRITISH COLUMBIA, CANADA

Chondracanthus phycidis, Rathbun, ♀, ^{Chondracanthidae.}

— R. Rathbun, 1886, p. 320: pl. IX, figs. 1-6;
pl. X, figs. 8-13.

— M. J. Rathbun, 1905, p. 101.

— Fowler, 1912, p. 476.

Acanthochronidia _____, Oakley 1930, p. 186

Nost. Gills of Hake, Phycis tenuis.

N. Atlantic.

CHONDRA CANTHUS PINGI - see ACANTHOC HONDRIA

Chondracanthus pinguis - n. sp. ♂, ♀. Chondracanthidae

— —, Wilson, 1912, p. 94; pl. VII.

— —, Fraser, 1920, p. 64.

—, Kabata, 1968, pp. 329-32, figs. 15-31,
(syn.: C. slastnicovi Gusev)

—, Kabata, 1970, fig. 30, p. 30, fig. 32

Host. Gills of Sebastes auriculatus.

Nanaimo, B.C.

Chondracanthus pinguis

card 2

- , Ho, 1975, p. 311
- KABATA 1988: 94, FIG. 40I; HOST RECORDS-CANADA
- Ho 1970: 154
- Ho & KIM 1995a: 32, TAB. 1
- KAZACHENKO 1994: 33, FIG. 6V
- Ho 1991: 62

Chondracanthidae - Lernaeopodoidea

Chondracanthus polymixiae Yamaguti ♀♂.

— — Yamaguti, 1939, p. 532: pl. 35, figs. 9-16

-- --, Shiino, 1955, pp. 77-79, figs. 5-6.. Japan.

--, Kabata, 1968, p. 332

--, Ho, 1975, p. 311

C. POLIMYXIAE, ATRIA G. 1980: 304-305, TAB. 1

Host. Operculum, *Polymixia japonica* Gunther

-- Ho 1991: 62

Suruga Bay, Japan.

Chondracanthus pretti. Kröyer. ♀. 1
Chondracanthidae.

— —, Kröyer, 1863, p. 243: pl. XIII, fig. 5a-d.

— —, B. Smith, 1899, p. 492.

Acanthochondria — —, Oakley, 1930, p. 186

Host. Gills of Pleuronectes, sp. linguata.
Valparaiso.

Chondracanthus psetti Kroyer, 1863

CARD 2

C. -, ATRIA G. 1980: 303, 307

--, Ho, 1977, p. 164-165, figs. 4-5, REDESCRIPTION-
TYPE MATERIAL, VALPARAISO, CHILE

-- Ho & KIM 1995b: 57, TAB. 1

ACANTHOCHONDRIA -, VILLALBA & FERNANDEZ 1985: 31, 45

C. -, ~~VILLALBA~~ 39, FIGS. 105-108, CHILE

C. - Ho 1991: 62

Chondracanthus pusillus Kabata, 1968

--, Ho, 1972, p. 529

n. sp. Kabata, 1968, pp. 335-9, figs. 54-~~70~~ 71

-- KABATA 1988: 94, FIG. 40 K; HO ST RECORD - CANADA

-- HO 1991: 62

Chondracanthus quadratus (Heegard, 1945)

Acanthocanthopsis quadratus, Heegard 1945a: 21-, figs.
47-54, n. sp. female + male, ex Diodon, Japan;

type of Acanthocanthopsis, n. g.

A. -, Yamaguti & Yamasu 1959: 135

Chondracanthus -, new comb., Ho 1970: 113, rejected

Acanthocanthopsis, transferred to Chondracanthus.

C. -, Ho 1991: 54

CHONDRACANTHUS RADIATUS (MÜLLER) - SEE CHONDRACANTHODES

Chondracanthus rectangularis Fraser - see Acanthochondri

CHONDRAANTHUS SHIINOI YAMAGUTI, 1963

CHONDRAANTHUS GIBBOSUS, SHIINO 1955: 79-83,
FIGS. 7-8, N.S.A., EX ZENION JAPONICUM,
WAKAYAMA PREFECTURE, JAPAN.

C. SHIINOI, NOMEN NOVUM, YAMAGUTI 1963:

C. G., Ho 1991: 56, TAB. 2, C. GIBBOSUS SHIINO
A SYN. OF C. SHIINOI; 62

CHONDRA CANTHUS SIC YASIS- see
ACANTHOCHONDRIA

Chondracanthidae - Lernaeopodoida

Chondracanthus similis, Yu & Wu, ♂, ♀.

— — Yu & Wu, 1932, p. 69: pl. 7, figs. 1-6.

Transferred to Heterochondria, Yu, 1935, p. 2.

Host. Gills, Crossorhombus azureus (Alcock).

Hainan, China.

CHONDROANTHUS SIXTENI - See
ACANTHOCHONDRIA

Chondracanthus slastnicovi Gusev, 1951

--, Kabata, 1968, = C. pinguis

-- Ho 1991: 56, TAB. 2, SYN. OF C. PINGUIS

CHONDRA CANTHUS SOLEAE - SEE

ACANTHOCHONDRIA

Chondracanthus solidus (Gusev, 1951)

Acanthochondria solida, Gusev 1951:

C. -, Ho & Kim 1995a: 31-, figs. 1-2, synonymy; Sea of
Japan, ex Pleurogrammus azonus

C. -, Ho + Kim 1995b: 57, TAB. 1

Chondracanthidae - Lernaeopoda

Chondracanthus stramineus n. sp.: ♂, ♀.

— Wilson, 1923, p. 10: pl. 1, f. 13: pl. 2, f. 14-15.

-- Ho 1991: 56, TAB. 2, SYN. OF C. MERLUCCII

Host. Gills of Merluccius capensis.

South Africa.

Chondracanthidae Lernaeopodoida

Chondracanthus theragrae Yamaguti ♂ ♀.

-- Yamaguti, 1929, p. 531: pl. 34, figs. 1-7.

-- --, Shiino, 1955, pp. 74-77, figs. 3-4. Japan

--, Kabata, 1968, p. 332

-- NAGASAWA 1993b: 72 -

-- Ho + Kim 1995a: 32, TAB. 1

Host Gills, *Theragra chalcogramma* (Pallas)

-- ATRIA G. 1980: 304-305, TAB. 1

-- Ho 1991: 63

Toyama Bay, Japan.

Chondracanthus triglae, ^{Chondracanthidae.} Guérin, ♀.

— — Guérin, 1817, pl. IX, fig. 8.

A synonym of Medesicaste sellinus.

~~1868~~

--, Beneden & Bessels, 1868?, pp. 33-, pl. 3 except
fig. 12, 15, pl. 4, figs. 1-8

--, ACLOQUE, 1899: 198-9, Pl. 94 (as "CONDRA-CANTHUS")

CHONDRAANTHUS TRILOBATUS - SEE

PROTOCHONDRAANTHUS

Chondracanthus triventricosus Sekerak, 1970

-- Kabata 1988: 94, Fig. 40H, host records - Canada

-- KAZACHENKO 1984: 30, FIG. 4U

-- Ho 1991: 63

Chondracanthidae.

Chondracanthus tuberculatus, Nordmann. ♀
①

--, Nordmann, 1832, p. 118,

--, Ho, 1972, p. 155-158, figs. 6A-J, 7A-C, congiopodi
see C. /

A synonym of Ch. zeus.

-- KENSLEY & GRINDLEY 1973: 121

-- HO 1970: 157, SENIOR SYN. OF CH. CONGIOPODI

C. CONGIOPODI, BARNARD, K.H. 1955: 288-289, FIG. 24

C.C. -, HO 1972: 155, SYN. OF C. TUBERCULATUS

CHONDRAANTHUS TUBERCULATUS NORDMANN, 1832

C. CONGIOPADI, Ho 1991:56, TAB. 2, SYN. OF

C. TUBERCULATUS

= F. Ho 1991:63

Lernaeoidea.

Chondracanthus williamsoni T. Scott, ♀, ♂.

— T. Scott, 1909, a, p. 76: pl. 3. fig. 8-17.

A synonym of Chondracanthus nodosus,
(T. Scott, 1909, a, p. 76, ms. note).

— WILLIAMSONI, SYN. OF C. NODOSUS; Ho 1991: 56,

TAB. 2

Chondracanthus wilsoni (Müller) Ho

--, Ho, Stey, 1971, p. 31-33, Fig 24, n.sp.,
DRY TORTUGAS;

SYN. C HOND RAC ANTHOPSIS NODOSUS OF WILSON
(1935) FROM DRY TORTUGAS.

-- Ho 1991: 63

Chondracanthus xiphiæ, Cuvier, ♀. ^{Chondracanthidae.}

— —. Cuvier, 1829—44, p. pl. IX, fig. 20.

A synonym of Ch. merluccii.

— XYPHIAE, Ho 1991: 56, TAB. 7, SYN. OF C.
MERLUCCII.

CHONDROACANTHUS YANEZI ATRIAG., 1980

-- ATRIAG. 1980: 303-308, FIGS. 1-15, TAB. 1,
N.SP., CHILE; HOST NEOPHRINICHTHYS
MARMORATUS.

-- Ho 1982: 451-455, FIGS. 1, 2

-- VILLALBA + FERNANDEZ 1985: 32

-- Ho 1991: 63

-- Ho + KIM 1996: 283, SEA OF JAPAN; HOST RECORDS.

Chondracanthus zeii, Delaroche, ♂. ♀.

Ch-zeii, Delaroche, 1811, p. 270; pl. II, fig. 2.

— —, Lamarck, 1818, p. 682.

pl. xxvi, fig. 13.

Lernacantha delarochiana, Blainville, 1822, p. 442; n

— —, Desmarest, 1825, p. 350.

Ch. tuberculatus, Nordmann, 1832, p. 118.

Host, Gills of Leus Faber.

— Tempere, 1898: 223, pl. 29, fig. 13¹³ European Seas.

Ch. zci, Burmeister, 1833, p. 325;
 — —, Kröyer, 1837, p. 196.
 — —, M. Edwards, 1840, p. 504.
 — —, Guérin, 1829-44, pl. IX, fig. 9.
 — —, White, 1847, p. 120; 1850, p. 127;
 — —, Baird, 1850, p. 327; pl. XXXV, fig. 1.
 — —, Beneden, 1851, a, p. 110; pl. IV, figs. 5-7.
 — —, ———, 1861, a, p. 152.
 — —, ———, 1870, p. 42.
 — —, Vogt, 1877b, p. 75; pl. V, figs. 5-8.
 — —, ———, 1879, p. 80 — Tav. V, figs. 5-8 —

1857, p. 327.

Ch. zeii - Stössiak, 1880, p. 253.

— —, Valle, 1880, p. 73.

— —, Camus, 1885, p. 354.

— —, B-Smilke, 1896, p. 162.

— —, ———, 1899, p. 495.

— —, T. Scott, 1900, p. 167; pl. VIII, fig. 1.

— —, Richiardi, 1880, p. 6.

— —, Cuvier, 1830, p. 258.

— —, Briau, 1899, b, p. 3, footnote.

— —, T. Scott, 1906, b, p. 372, [pl. 56, f. 13

— —, T. & A. Scott, 1912, p. 177; pl. 41, f. 5: ^

- — Scott, 1892, p. 262
— — Norman & Scott, 1906, p. 217.
— — Oakley, 1930, p. 187: fig. 1, A. text.
--, Kabata, 1968, p. 328, fig. 74, 75
--, Kabata, 1970, fig. 31, p. 30
--, Beneden & Bessels, 1868?, p. 33
--, Boer, 1970, 2, tbl. 1
--, ACOQUE, 1899: 198 (as "CONDRACANTHUS"),
Plate 94 p. 199.
— Capart, 1959: 111
— Ho 1970: 113, 154-157, FIGS. 119-122, REDESCRIPTION,
DENMARK, ENGLAND, EX ZEUS FABER

Chondracanthus zeii Delaroche, 1811

card 3

-- Kabata 1992: 179-, Fig. 39F-H, synonymy, host list

-- Ho 1994: 506

-- Ho 1991: 50-55, FIGS. 1-5, JAPAN; EX ZEUS

FABER