

Caligoida - Ternaecidae.

Cardiodectes valid.

Wilson, 1917

C. medusaeus ①

Syn. Cardiodectes Wilson, 1917, p. 50

Καρδία = the heart and δηκτής = a torturer

Cardiodectes WILSON, 1917 Pennellidae: CARD 2  
Siphonostomatoida

- Kabata, 1972, p. 321, key to genera of lernaeoceridae

- SEBASTIAN 1968: 136, LIST OF SPECIES

-- Ho, J.-S. 1966: 159-189.

-- FRYER 1956: 322

- CASTRO + BAEZA 1985c: 27-

Cardiodectes anchorellae Briant & Gray, ♀.

— — B. & G., 1928, p. 1: pls. 2-5.

— —, Gnanamuthu, 1951, Biology. From Stolephorus  
(Engraulis) indicus (V. Hass). Madras, India

—, Izawa, 1970, p. 223

Host. Anchovy. Anchorella tri.

-- CARLI & BRUZZONE 1973b: 130

-- SEBASTIAN 1968: 136, 139

Cardiodectes bellottii (Richiardi) ♀. Lernaeidae.

Peroderma — Richiardi, 1882a, p. 149 —  
— —, Carus, 1885, p. 373.

— —, B-Smith, 1903, p. 109.

— —, Jungersen, 1911, p. 11; pl. 2, fig. 27.

Host. Throat of Scopelus benoiti; S. glacialis, and S. rafinesquii.

Mediterranean.

*Peroderma* — Briau, 1906, p. 94; pl. 7, fig. a;  
pl. 19, figs. 2-5 — (not a *Peroderma* at all)

*Cardiodectes* — Wilson, 1917, a, p. 52 (key).  
p. 55: pl. 21, figs. 161-162.

--, Izawa, 1970, p. 223

-- SEBASTIAN 1968: 136, 139

Cardiodectes cristatus Shiino

1958---pp. 80-82, fig. 3, pl. IV, fig. 3.  
--, Izawa, 1970, p. 223

--SHIINO 1958: 396, Figs. 3, 4

--SEBASTIAN 1968: 136, 139

Cardiodectes frondosus Stekhoven ♀

— — Stekhoven, 1937, p. 13: figs. 1-8.

--, Izawa, 1970, pp. 223

-- SEBASTIAN 1968: 136, 139

Host. Myctophum spinosum, Marquesas Islands.

Cardiodectes hardenbergi Markewitsch

\_\_\_\_\_ \_\_\_\_\_ Markewitsch 1936, pp. 407-411, 1 pl. figs.

1-8

--, Izawa, 1970, p. 223

-- SEBASTIAN 1968: 136, 139



Cardiodectes krishnai Sebastian, 1968

-- Sebastian 1968: 136-140, figs. 1-11, n. sp. ♀ only,  
host Vinciguerria lucetia, Arabian Sea

*Cardiodectes longicervicus* Shiino

1958---pp. 82-84, fig. 4, pl. IV, fig. 4.

--, Izawa, 1970, p. 223

Cardiodectes longicervicus Shiino

1958---p. 397, figs. 5 & 6.

-- SEBASTIAN 1968: 136, 139

Cardiodectes medusaeus, gen. n.: sp. n. ♀ Dermacidae

Dermacenicus — Wilson, 1908, p. 458: pl. 76,  
figs. 99 and 100. -23

Cardiodectes — Wilson 1917, p. 52: pl. 3, fig. 15<sub>^</sub>

Host. Throat of Nannobrachium leuc-  
copsarium, Pacific Coast.  
Diaphus glanduliferus, Japan.

Laurel Lampyris leucocopsarium (n. sp.)

*Boernaeenicus* — Brian, 1912, p. 27: pl. 10, figs. 1-5.

*Boernaeenicus* — Stebbing, 1918, p. 42,

-- -- Ho Ju-Shey, 1966, p. 190.

--, Izawa, 1970, p. 223

-- KENSLEY & GRINDLEY 1973: 126.

-- PERKINS 1983: 70-87, FIGS. 1-5, DEVELOPMENT;  
INTERMEDIATE HOSTS CLIO PYRAMIDATA, C. BALANTIUM,  
C. CUSPIDATA, CAVOLINA TRIDENTATA, CARINARIA  
JAPONICA, CUVIERINA COLUMNELLA, DIACRIA  
TRISPINOSA; DEFINITIVE HOSTS CERATOSCOPELUS TOWNSENDI,  
DIAPHUS THETA, LAMPANYCTUS RITTERI, PARVALUX INGENS,  
STENOBRACHIUS LEUCOPSARUS, SYMBOLOPHORUS CALIFORNIENSIS,  
TARLETONBANIA CRENUULARIS; SOUTHERN CALIFORNIA.

Cardiodectes medusaeus (Wilson, 1908)

card 2

- Perkins 1986: 634; host, lanternfish.
- SEBASTIAN 1968: 136, 139
- HONMA & Ho 1988: 45 - Pennellidae
- NAGASAWA 1989: 6
- BOXSHALL 1992: 351 -
- RAIBAUT 1985: 245 - , FIG. 12, LIFE CYCLE
- BOXSHALL 1986: 223

Cardiodectes rotundicaudatus Izawa, 1970

n. sp., Izawa, 1970, pp. 219-224, 3 figs.

hernaeidae - Caligoida

Cardiodectes rubosus Leigh-Sharpe, ♀.

— — Leigh-Sharpe, 1934, p. 38: fig. 35.

--, Izawa, 1970, p. 223

-- SEBASTIAN 1968: 136, 139

Host. Hymenocephalus striatissimus

Madura Sea.



Cardiodectes sp. Ho (1965)

--Do et al., 1984: 17

-- PERKINS 1983: 70

-- CRESS EY 1983: 258

-- BOXSHALL 1990: 212

Cardiodectes sp

—, Kazatchenko & Avdeev; 1977 33-34  
Figs. 2a, b.