

Phrixocephalus. valid
Wilson, 1908

Hemacidae.

Caligoida

P. concinnatus.

Syn. Phrixocephalus, Wilson, 1908, p. 461.

φριξός, 'bristling', κεφαλή, head.

Female entirely destitute of seg.^m -
Head club-shaped with 3 pairs horns.
2 pairs lateral, 1 ventral - Head passing
insensibly into elongate neck with 2 pairs
of lateral horns and 1 ventral; 6 prs in all.
Neck bent at r.a. where it joins gen.
seg't. Throat straight, cylindrical, with
out-post. processes. abdomen very small.
Egg-cases very long & coiled into a tight-
spiral - Mouth terminal, with 3 pairs
rudimentary mouth-parts - Two pairs of
uniramose 3-jointed legs. close to the
mouth.

Pennellidae: Siphonostomatoida

Phrioxocephalus

- 2 -

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

- KABATA 1988: 78, 79, DIAGNOSIS
- CASTRO + BAEZA 1985C: 27 -

Phrioxcephalus alatus Shiino

1956---Shiino, Sueso M., pp. 260-262, fig. 11.

Phrioxcephalus arboreus Shiino

1956---Shiino, Suet M., pp. 259-260, fig. 10.

-- KABATA 1988b: 5

Phrioxcephalus carcellesi Brian, 1944

--, Kabata, Z., and J. Ho, 1981, p. 387

-- CARLI & BRUZZONE 1973b: 132

-- BOXSHALL 1989: 208-212, FIGS. 5, 7, FALKLAND Is.;

HOST PHALACROCORAX ALBIVENTER

Phrioxcephalus cepolae Yamaguti, 1963

see Phrioxcephaloides cepolae (Yamaguti, 1963),
Kabata, 1967, p. 515

Phrioxcephalus cinцинnatus. ♀. n. sp.

— —. Wilson, 1908, p. 461: pl. 76, fig. 1014

— —. Wilson, 1917, a, p. 75,

--, Kabata, 1967, pp. 515-526, 19 figs.

--, Kabata, 1969, pp. 921-34, 15 figs.

Host. Eye of Soft Flounder
Citharichthys sp.

Monterey Bay -
California.

- , Kabata, 1970, p. 35, 89-92, figs 94-96
-- Kabata 1974
-- PERKINS 1983: 85 p. 1589-1595
-- CRESSEY 1983: 262-263
-- KABATA 1988: 79, FIG. 36A, B; HOST LIST
- CINCINATUS, HONMA + Ho 1988: 45-
-- BOXSHALL 1989: 212

Phrioxocephalus crassus Shiino

1956---Shiino, Sueo M., pp. 264-265, fig. 13.

P. crassum, Kabata, 1967, p. 517

Phrioxcephalus curvatus Shiino

1956---Shiino, Sueo M., pp. 257-259, fig. 9.

---, Kabata, 1967, p. 517

Caligoida — Ceropaeidae.
Phrioxcephalus diversus, New Species, ♀

— — Wilson, 1917, a. p. 77; pl. 10. g, 86-87.

— — Wilson, 1922, p. 12; pl. 1, f. 6-7; pl. 2,
fig. 8.

—, Kabata, 1967, p. 517

Host. Eye of Callionymus virgatus.

Hanawatsu, Japan.

Phrixecephalus longicollum Shiino

1956---Shiino, Sueo M., pp. 256-257, fig. 8.

--, Kabata, 1967, p. 517

--, Kabata, 1970, fig. 39

- CRESSEY 1983: 253, FIG. 1(5)

Phrioxcephalus reniformis Shiino

1956--Shiino, Sueo M., pp. 265-266, text-fig. 14,
Pl. XX, fig. 6.

Phryxocephalus triangulus, ^{Dernaeidae.} New Species ♀.
1885.

— Wilson, 1917, a.p. 76; pl. 9, fig. 80-84; pl. 10,
-- BOXSHALL 1989: 212

Host. Eyes of Neopercis multifasciata

Iwari Bay, Japan.

Phrioxcephalus umbellatus Shiino

1956--

Shiino, Sueo M., pp. 251-257, figs. 4-7, pl. XX, fig. 4
--, Kabata, 1967, p. 517

Phrioxcephalus vipereus Shiino

1956---Shiino, Sueo M., pp. 262-264, fig-text, 12,
Pl. XX, fig. 5.