

in

Anthessius.

Hella Valle, 1879.

Cyclopoidea

Tichomolgidae.

A. solecurti,¹

Syn. Anthessius Valle, 1879, p. 121.

Anthessius Carus, 1885, p. 352.

Anthessius Claus, 1889^b, p. 341.

Ἀνθησις = a blossom or bloom.

Body pyriform: gen. seg't. enlarged, free in ♂, fused
with following seg't in ♀. First antennae 7-jointed,
2nd. pair 4-jointed, transformed into clasping organs
by ending in a claw. Mandibles very similar to
1st mx. in Tichomolgus, i.e. sickle shaped, with
convex margin armed with numerous stout
teeth, & with a pulp-like appendage, ciliated, inserted
on concave margin. Mouth somewhat 2-lipped
of irregular form, resembling a boot. 1st mxpds a
little smaller than 1st mx., armed with a small but
stout spine. 2nd mxpds. as in Tichomolgus, i.e.
3-jointed, small in ♀, bifid in ♂ with a large
terminal claw. First 4 pairs of swimming
feet biramous, both rami 3-jointed - 5th pair
rudimentary -

(Della Valle, 1879, p. 121.)

ANTHRESSIIDAE : POECILOSTOMATOIDA

Anthressius Della Valle, 1880

-, key, Stock, Humes & Gooding, 1963, p. 2-5

--, Stock, J.H., 1981, p.111

- DO & KAJIHARA 1984:10

- IZAWA 1987:160-

- STOCK 1960: 248, cf. KATANTHRESSIUS N.G.

- GOTTO 1993:138-, DIAGNOSIS, KEY

Anthesiu

Anthessius alatus (Humes & Stock) - see Tridachnophilus

Anthessius amicalis (Humes and Stock) 1965

--, Humes, 1972, p. 346, 348, 357

--, Humes, 1973, p. 15

--, Humes and Stock, 1962, pp. 49, 59-68, 72, figs. 6-10.

--, Humes, 1976, p. 499

-- UNNIKRAISHAN NAIR 1988: 567

Lichomolgidae - Cyclopoidea

Anthessius arenicola (Brady), ♀.

Boeckia a —, Brady, 1872, p. 6.

— — Brady, 1872, a, p. 130.

Lichomolgus a — Brady, 1880, p. 46: pl. 86, figs. 1-7.

Anthessius a — Carr, 1894, p. 2: pl. 1, f. 1-10: pl. 2, f. 1-7.

A. —, UNNIRISHNAN NAIR 1988: 567 -

Host. Buccinum undatum, Linn., Dosinia
exoleta

A. ARENICOLUS, Ho + Kim 1992 b: 243 -

Anthessius arenicolus, Canu, 1899, p. 73.

Herrmannella arenicola, Norman & Scott, 1906, p. 199.

Anthessius a- Monod & Dollfus, 1932, p. 149.

--, Stock, Humes & Gooding, 1963, p. 4

--, BOUQUET & STOCK 1958: pp. 99-105; Figs. 1-3.

A. -us, GOTTO 1993: 141-, FIGS. 34D-J

Anthessius atrinae Suh & Choi 1991

-- Ho & Kim 1992b:243

Anthessius brevicaudis (Leigh-Sharpe)

Lichomolgus brevicaudis Leigh-Sharpe, 1934, p. 11-13, f7

Anthesius brevicauda Stock, Humes & Gooding, 1963. p.2,3

A. B., Stock, 1964. pp. 117-123, fig. 5-7

--, Humes, 1973, p. 3, 4-7, figs. 1-31.

A. brevicauda, Stock, Humes & Gooding, 1963, p. 3

- BREVICAUDA, UNNIKRISSHANN NAIR 1988: 567-

Anthessius brevifurca Sewell

1949---Sewell, R.B. Seymour, pp. 76-78, text-fig. 17,

A-K.

--, Stock, Humes & Gooding, 1963, p. 3

--, Tanaka, 1961, p. 269, ~~xx~~

-- UNNIKRISSNAN NAIR 1988: 567 -

Anthessius concinnus (A. Scott, 1909)

- , Humes, 1973, p. 15
- , Stock, Humes & Gooding, 1963, fig. 16, p. 5, 35-6
- UNNIKRIISHNAN NAIR 1988: 567-

Anthessius dilatatus (Sars, 1918)

--, Stock, Humes & Gooding, 1963, p. 3

-- DO + KAJIHARA 1984:10

-- UNNIKRISSHANA NAIR 1988:567 -

Anthessius discipedatus Humes - see Tridachnophilus

Anthessius distensus n.sp.

-- -- Humes & Ho, 1965, pp. 86-90

-- UNNIKRISHNAN NAIR 1988: 567-

Anthessius dolabellae n.sp.

-- -- Humes & Ho, 1965, pp. 79-83.

--, Humes, 1973, p. 15

--, Humes, 1974, p. 233-235, figs. 1-4

-- DO & KAJIHARA 1984: 10

-- UNNI KRISHNAN NAIR 1988, 567-

Anthesius fitchi Illg

-- -- Illg, 1960. pp. 364-371, fig. 92-125

--, S₊ock, Humes & Gooding, 1963, p. 3

--, Humes and Stock, 1962, p. 49.

--, IZAWA, 1976 b: 220

-- UNNI KRISHNAN NAIR 1988: 567-

Anthessius graciliunguis Do & Kajihara 1984

--Do & Kajihara 1984: 5-10, 15, figs. 1-20, n. sp. ♀

--UNNI KRISHNAN NAIR 1988: 567-

Anthessius groenlandicus (Hansen, 1923)

--, Stock, Humes & Gooding, 1963, p. 4

-- UNNIKRISSANAN NAIR 1988:567-

Anthessius hawaiiensis (Wilson)

Pseudomolgus hawaiiensis Wilson 1921.

Anthessius h., Illg, 1960. pp. 341-345, fig. 1-11

--, Humes, 1973, p. 15

--, Stock, Humes & Gooding, 1963, p. 4

-- UNNIKRISHNAN NAIR 1988: 567-

Anthessius investigatoris Sewell

1949---Sewell, R.B. Seymour, pp. 79-81, text-fig. 18,
A-E.

--, Stock, Humes & Gooding, 1963, p. 3

--, Tanaka, 1961, p. 269

-- DOY KAJIHARA 1984:10

-- Avdeev & Kazatchenko, 1985: 59

-- UNNIKRISSHAN NAIK 1988:567-

= ANTHESSIUS

Lichomolgidae - Cyclopoida.

Pseudomolgus leptostylis G.O. Sars. ♀. ①

— — Sars. 1916, pp. 3 & 11; pl. 3.

— — Sars, 1918, p. 182; pl. 103

— SHIH ET AL. 1971: 214, CANADA - ARCTIC

Habitat. Sta. 2450, Spitsbergen: Norway.

Anthessius leptostylis (G. O. Sars)

-- --, Bresciani et Lutzen 1962. p. 377

--, Stock, Humes & Gooding, 1963, p. 3

--Hamond, 1973, p. 346, fig. 1 (p. 347).

-- DO + KAJIHARA 1984: 10

-- Avdeev & Kazatchenko, 1985: 59

-- UNNIKRISHNAN NAIR 1988: 567 -

-- GOTTO 1993: 141-, FIG. 34 K, L

Anthessius lighti Illg, 1960

-- -- Illg, 1960. pp. 351-356, fig. 27-58

--, Stock, Humes & Gooding, 1963, p. 4

--, Tanaka, 1961, p. 272

-- UNNIKRISSNAN NAIR 1988: 567-

-- Ho & Kim 1992b: 243-

-- HUMES 1997: 163

Anthessius longipedis Ho & Kim, 1992

-- Ho & Kim 1992b:240-244, figs. 1,2, n. sp. female +
male, ex Thais bronni, Sokcho, Sea of Japan

Anthessius lophiomi Avdeev & Kazatchenko, 1985

- Avdeev & Kazatchenko, 1985, new species, pp.53-59
figs 1-24, Host: Lophiomus setigerus , S. Japan

-- UNNIKRIKHANAN NAIR 1988: 567 -

Anthessius minor Stock

1959---pp. 48-53, fig. 3.

--, Hammond, 1968, pp. 48-9

--, Stock, Humes & Gooding, 1963, p. 4

-- UNNIKISHAN NAIR 1988: 567-

Anthessius mytilicolus

Reddiah, 1966

- Humes & Lee, 1985: 85-92. fig 1-3
- Humes & Boxshall, 1988: 537, Hong Kong
- UNNIKRISSHANN NAIR 1988: 567 -
- YOOSUKH 1991: 638-641, HOST PERNA VIRIDIS,
GULF OF THAILAND
- BOXSHALL 1990: 523

Anthessius navanacis (Wilson)

Pseudomolgus navanacis, Wilson, 1935.

Anthessius n., Illg, 1960. pp. 345-351, fig. 12-26

--, Stock, Humes & Gooding, 1963, p. 2

-- DO & KAJIHARA 1984:10

-- UNNIKRISHNAN NAIR 1988:567-

-- HO & KIM 1992 b:244

Anthessius nortoni Illg

- -- Illg, 1960. pp. 357-364, fig. 59-91, WASHINGTON STATE
- , Stock, Humes & Wooding, 1963, p. 3
- , Humes, 1981, p. 95-96, fig. 1, CALIFORNIA
- DO & KAJIHARA 1984:10
- Avdeev & Kazatchenko, 1985: 59
- UNNIKRISSANAN NAIR 1988:567 -

Anthessius obtusispina Ho

- Ho, 1983a: 393-398, Figs 1-3.

-- DO + KATIHARA 1984: 10.

-- UNNIKRISHNAN NAIR 1988: 567-

-- HUMES 1997: 163

Stock, Humes & Gooding, 1963

Anthessius ovalipes ~~new~~



-- -- Stock, Humes & Gooding, 1963, pp.29-37. fig. 12-
16

--, Humes, 1973, p. 15

-- UNNIKRISSANAN NAIR 1988: 567 -

Anthessius pectinis Tanaka, 1961

--, Humes, 1973, p. 15

--, Stock, Humes & Gooding, 1963, p. 5

n. sp. ~~Танакэ~~ Tanaka, 1961, pp. 269-272, pl. 36, figs.
1-10; pl. 37, figs. 1-8

--, Ko, Murakami, & Daiku, 1962, p. 114

-- UNNIKISHANAN NAIR 1988: 567-

Anthessius pinctadae Humes, 1973

n. sp., Humes, 1973, pp. 7-15, figs. 32-58

- UNNIKRIISHNAN NAIR 1988: 567-

Anthessius pinnae Humes

1958---pp. 285-290, figs. 1-35

--, Stock, Humes & Gooding, 1963, p. 2

--, Tanaka, 1961, p. 269,

-- DO & KAJIHARA 1984:10

- Humes & Boxshall, 1988: 537, 543, Hongkong

Host: Pinna bicolor (bivalve)

-- UNNIKRIKHANAN NAIR 1988:567-

Sapphirinidae

Anthessius pleurobranchicae Della Valle, ♀

- — ¹⁸⁸⁰ Della Valle, 1879, p. 123: pl. 2, f. 56-58.
— — Carus, 1885, p. 352.
— pleurobranchi, n. sp. Claus, 1889, p. 15: pl. 3, figs. 8-13.
— — Della Valle, 1881, p. 104: pl. 6, fig. 56-58.
— — UNNIKRISSNAN NAIR 1988: 567 —

Host. Pleurobranchaea sp.

Mediterranean.

— — Monod & Dollfus, 1932, p. 150.

--, Stock, Humes & Gooding, 1963, p. 4

-- STOCK 1960: 248, = A. PLEUROBRANCHI CLAUD

Anthesius proximus, ~~Stock~~ Stock, Humes & Gooding, 1963

-- -- Stock, Humes & Gooding, 1963, pp. 17-21, fig. 6

--, Humes, 1973, p. 7, 15

-- DO + KAJIHARA 1984: 10

-- Avdeev & Kazatchenko, 1985: 59

-- UNNIKRISSANAN NAIR 1988: 567 -

Anthessius saecularis Stock

- -- Stock, 1964. pp. 113-117, fig. 1-4
- , Humes, 1973, p. 3
- DO & KAJIHARA 1984: 10
- UNNIKRIISHNAN NAIR 1988: 567-

Anthesius sensitivus Stock, Humes & Gooding, 1963

-- -- Stock, Humes & Gooding, 1963, pp. 21-27, fig. 7-11

-- DO & KAJIHARA 1984: 10

-- Avdeev & Kazatchenko, 1985: 59

-- UNNIKRISSHANNAN NAIR 1988: 567 -

-- Ho & Kim 1992b: 243 -

Sapphirinidae
Anthessius solecurti Della Valle, ♂. ♀.

— — Della Valle, ¹⁸⁸⁰ 1879, p. 122: pl. 2, ♂, 49-55.

— — Carus, 1885, p. 352.

— — Della Valle, 1881, p. 102: pl. 6, figs. 49-55

— — Carus, 1894, p. 9.

— — UNNIKRISSNAN NAIR 1988: 567-

Host. Skin of Solecurtus strigillatus

Mediterranean.

— — , Norman & Scott, 1906, p. 201.

— *solenocurti*, Monod & Dollfus, 1932, p. 149.

--, Hammond, 1968, pp. 488 - 9

--, Stock, Humes & Gooding, 1963, p. 4

- SOLENOCURTI, Ho & Kim 1992b: 243 -

Anthessius solidus (Humes and Stock) 1965

--, Humes, 1972, p. 346, 357.

--, Humes, 1973, p. 3.

--, Humes and Stock, 1962, pp. 50-59, 61, 63, 66, 68,
72, 74, figures 1-5.

--, Humes, 1976, p. 499

-- UNNIKRISHNAN NAIR 1988: 567-

Anthessius spinosus (Raffaele + Monticelli) ♀.

Lichamolqus (Sabelliphilus) spinosus, Raffaele + Monticelli,
1885, p. 303: pl. un. figs. 1-12.

Anthessius s- , Canu, 1894, p. 4.

— — Monod + Dollfus, 1932, p. 151.

Host. *Mytilus galloprovincialis* Lamarck.

Mediterranean

Anthessius stylocheili n.sp.

-- -- Humes & Ho, 1965, pp. 83-86.

--, Humes, 1973, p. 7, 15

-- UNNIKRIISHANAN NAIR 1988: 567 -

-- Ho & Kim 1992b: 243 -

Anthessius teissieri Bocquet & Stock, 1958

--, Stock, Humes & Gooding, 1963, p.4

--, Hamond, 1973, p. 346.

--, BOCQUET & STOCK 1958: pp. 99-100, 105-110; Figs. 3-4.

-- UNNIKRISHNAN NAIR 1988: 567 -

-- HO & KIM 1992b: 243 -

-- GOTTO 1993: FIG. 330-340

HOST: Buccinum undatum

Anthesius varidans ~~Stock~~ Stock, Humes & Gooding, 1963

-- -- Stock, Humes & Gooding, 1963, pp. 5-16, figs. 1-5
-- , Humes, 1973, p. 15

-- DO & KAJIHARA 1984: 10

-- Avdeev & Kazatchenko, 1985: 59

-- UNNIKRISSHAN NAIK 1988: 567 -

Anthessius sp.

--, Hammond, 1968, pp. 48-50, figs. 38-40.

--, Hammond, 1973, p. 348.

-- HUME 1997:163