

Lichomolgidae - Cyclopoidea.  
POECILOSTOMATOIDA

Doridicola = synonym.

Leydig, 1853.

D. agilis <sup>(M)</sup>

Syn. Doridicola, Leydig, 1853, p. 377.

Eolidicola M. Sars, 1862.

Lichomolgus G. O. Sars, 1917, p. 161.

Doridicola Aurivillius, 1882, p. 34.

A synonym of Lichomolgus, 1859.  
(Sars, 1917, p. 162).

Body made up of a cephalothorax, a 4-jointed free thorax, and a 4-jointed abdomen. First 3 free segts. diminishing regularly backwards; gen. segt. much enlarged in ♂; abdomen much narrower than thorax. First antennae 7-jointed, slender setiferous. First 4 pairs of legs uniramous, 4-jointed, terminal joint much enlarged; 5th. pair uniramous, 2-jointed, joints narrow. Egg cases broad elliptical; eggs large, multise-riate. Anal laminae short, cylindrical, with long setae.

Doridicola

(s)

CARD 2

--, Humes, 1982, p. 50-52 (key to species)

— Humes & Stock, 1983: 93 - 96  
(syn. Metaxymolgus)

- GOTTO 1956: 600, NAME HAS PRIORITY OVER  
LICHOMOLGUS

- HUMES 1990c: 6, 32-33, KEY TO ♀♀

- HUMES 1991d: 1229, IN KEY

- GOTTO 1993: 92, DIAGNOSIS, KEY

Doridicola actiniae

[ = Critomolgus ]

Doridicola aculeatus (Humes & Ho, 1968)

Lichomolgus --, Humes & Ho 1968:21-

Metaxymolgus -, Humes 1973:150

M. -, Humes 1975:26

M. -, Humes & Dojiri 1979c:350-351, figs. 52-58, ♀♂, .

Tab. 1; ex Litophyton stuhlmanni, L. acutifolium

M. -, Humes 1980:69-70

DORIDICOLA -, N. COMB., HUMES + STOCK 1983:94

D. -, HUMES 1990c:33-34, RECORDS

<sup>Lichomolgidae - Cyclopora.</sup>  
Doridicola agilis Leydig, ♂. ♀.

-- Leydig, 1853, p. 377: pl. 14, f. 1-5.

A synonym of Lichomolgus agilis.  
(T. Scott, 1906, b, p. 352).

--, Humes & Stock, 1972, p. 128

--, IZAWA, 1976a: 91, 94

Doridicola agilis Leydig, 1853

card 2

-- Izawa 1987: 152-, syn Lichomolgus doridicola of  
Canu, 1892

-- GOTTO 1986: 300-302, HOST RECORDS

-- GOTTO 1993: 93-, FIGS. 20A-C

-- HOLMES 1983: 20, IRELAND; ON NUDE BRANCH

ARCHIDORIS PSEUDOARGUS.

Doridicola Lichomolgidae - Cyclopoidea  
antheae Ridley, ♀.

— — Ridley, 1879, p. 458.

A synonym of Lichomolgus antheae.



Poridicola antheae

card 2

-- Humes, 1982, p. 6

- - HUMES + STOCK 1973: 81, ? = PARANTHESIUS  
ANEMONIAE

Doridicola antheliae (Humes & Stock, 1973)

D. Humes & Stock, 1983: 94 (syn. *Metaxymolgus antheliae*)

D., HUMES 1990C: 34, RECORDS

Doridicola astrophyticus

= [Critomolgus]

Doridicola audens

[ = Critomolgus ]

Doridicola botulosus (Stock & Kleeton, 1963)

— Stumes & Stock, 1983:94  
~~151~~

Doridicola brevifurcatus (Ummerkutty, 1962)

— Humes & Stock, 1983: 94

- Humes, 1986: 989 synonym:

Lichomolgus brevifurcatus, Ummerkutty, 1961: 19-69

Metaxymolgus brevifurcatus

Doridicola

caelatus

= Critomolgus.

Doridicola capnellae Humes, 1990

-- Humes 1990c:34-36, figs. 28-30, n. sp. ♀♂, assoc.

Capnella imbricata, Moluccas



Doridicola chlamydis (Humes & Stock, 1973)

— Humes & Stock, 1983: 94 (syn. Metaxymolgus  
chlamydis)

D.—, GOTTO 1993: 94-, FIGS. 20D-I

Doridicola cincinnatus (Humes, 1975)

Metaxymolgus -, Humes 1975:16-21, figs. 8h-n, 9,10,11a-i,  
n. sp. assoc. Cladiella pachyclados, New Caledonia

Doridicola -, n. comb., Humes & Stock 1983:94

D. -, Humes 1990c:36-37, new host records, Noumea

Doridicola

Metaxymotigus cinctus Humes & Stock, 1973

--, Humes, 1974, p.432

—, Humes & Stock, 1983: 94

Doridicola

Metaxymolgus claudus Humes & Stock, 1973

--, Humes, 1973, p. 31, 34

- Humes & Stock, 1983:94 (syn. M. claudus)
- Humes, 1986: 323, 327, 328, tables I, II

*Doridicola*

~~Metaxymoligus~~ commodus (Humes, 1964)

--, Humes, 1975, p. 180

--, Humes, 1974, p. 237-238

— Humes & Stock, 1983: 94

<sup>Doridicola</sup>  
Metaxymolgus comparatus, Humes

M., Humes, 1975: 11-16, figs. 6e-l, 7, 8a-g.

D., Humes & Stock, 1983: 94, n. comb.

D. -, Humes 1990c: 37

Doridicola

Metaxymolgus confinis n.sp. HUMES 1982

--, Humes, 1982, Figs. 34-35, pgs. 71-75, tbl. 4, CALIFORNIA

- Humes & Stock, 1983: 94

-- LANNING & VADER 1984: 99, 102, 103, 105, 107, 113-118,  
121-133, FIGS. 5, 6, CALIFORNIA

Doridicola congoensis (T. Scott, 1894)

—  
— Humes & Stock, 1983:94.



Doridicola connexus Humes, 1986

- Humes, 1986, new species, pp. 323-328, figs 1-3  
tables I-II, Mollucas. Host: Astroba nuda  
(basket star)

Doridicola

~~Metaxynolmus~~ cuspis (Humes, 1964)

--, Humes, 1980, p. 89-90

--, Humes, 1982, p. 63 (= Lichomolmus cuspis)

- Humes & Stock, 1983: 94

D. cycliophorus

= Critomolgus

Doridicola dunnae

= Critomolgus

Dosidicola

~~Metaxymolgus~~ echinasteris Humes,

--, Humes, 1975, p. 180

- Humes & Stock 1983: 94

- Humes, 1986: 989 Moluccas

Doridicola foxi (Gurney) - see Critomolgus

Doridicola gemmatus

= Critomolgus

Doridicola gracilipes (A. Scott, 1909)

—  
— Hurmes & Stock, 1983:94.



Doridicola hetaericus (T. Scott, 1893)

— Humes & Stock, 1983:94

Doridicola hetaericus (Humes & Ho, 1968)

Lichomolgus -, Humes & Ho 1968:663-

Doridicola -, n. comb., Humes & Stock 1983:94

D. -, Humes 1990c:37, lists records

Doridicola hirsutipes (T. Scott, 1893)

- Humes & Stock, 1983: 94
- GOTTO 1993: 96-, FIG. 21A-C

Doridicola hispidulus

= Crito molgus

Doridicola inaequalis (Humes & Ho, 1966)

- Humes & Stock, 1983:94

Dosidicola inflatiseta (Humes & Stock, 1973)

— Humes & Stock, 1973: 241

— Humes & Stock, 1983: 94 (syn. *Metaxycolpa*)

Doridicola

isoawamuchi

=

Critomolgus

~~Metaxymolgus~~ Lichomolgidae - Cyclopoidea  
Lichomolgus longicauda (Claus). ♀.

Doridicola

Sepicola 1—, Claus, 1860, p. 4: pl. 1, fig. 8-9.

Lichomolgus sepicola, Claus, 1875, p. 348.

— — Wierzejski, 1877, p. 574: pl. 34.

— — Pesta, 1909, p. 262: pl. 2, fig. 7.

— —, Dollfus, 1958, p. 61

Host. Sepia officinalis: Sepia filliouxii,

Adriatic: Gulf of Gasconne.

[Metaxymolgus]; Ho, 1983b: 199-203; fig. 2



*Lichamolpus longicauda*, Cuénot, 1927, p. 287.

— — Monod & Dollfus, 1932, p. 138.

— —, Stock, 1956, pp. 117-120, fig. 1-12. From *Sepia officinalis*,  
gills + mantle cavity. Netherlands (North + Dutch Waddensea.)

—, IZAWA, 1976a: 89, 91, 92-94

— Humeo & Stock, 1983: 94

D. —, IZAWA 1987: 152 —, LICHOMOLPUS SEPICOLA  
OF PESTA, 1909. = D. L.

L. —, STOCK 1960: 242, BANYULS, FRANCE, ASSOC. SEPIA  
OFFICINALIS

D. —, GOTTO 1993: 94 —, FIGS. 20J-M

Doridicola

Metaxymolgus lunarius n.sp.

M.-, Humes, 1980, p. 66-69, figs. 94-103, 104-114

D. Humes & Stock, 1983: 94, N. COMB.

D.-, HUMES 1990c: 37

DORIDICOLA MAGNIFICUS - SEE CRITOMOLGUS

*Doridicola*

*Metaxynoisigus micropus* Humes, 1973

n. sp., Humes, 1973, pp. 27-34, figs. 5-34

— Humes & Stock 1983:94

— Humes, 1986: 323, 327, 328, tables I, II

~~Metaxymolgus~~ <sup>Doridicola</sup> mimicus Humes

M., Humes, 1975: 21-25, figs. 11j-k, 12, 13

D. Humes & Stock, 1983: 94, n. comb.

D. -, HUMES 1990c: 37

Doridicola  
~~Metaxymolgus myorae~~

--, Humes, 1982, p. 64

—, Humes & Stock, 1983:94

Doridicola paterellis

= Critomolgus

Doridicola patulus (Humes, 1958)

Lichomolgus -, Humes 1958:298-303, figs. 65-96, n. sp.

L. -, Stock & Kleeton 1963:251

Doridicola -, n. comb., Humes & Stock 1983:94

D. -, Humes 1987b:107

D. -, Humes 1990c:38, records



Doridicola

penicillatus

= Critomolgus

Doridicola

Metaxymolgus pertinax n.sp.

--, Humes, 1982, p. 64-71, figs. 30-33, tbl. 4, CALIFORNIA

— ~~Humes~~ & Stock, 1983: 94 (syn: ~~Meta-~~  
Metaxymolgus)

-- LANNING & VADER, 1984: 99-133, FIGS 3, 10, CALIFORNIA

Doridicola petalopus Humes, 1990

-- Humes 1990c:38-40, figs. 31-33, n. sp. ♀♂, assoc.

?Xenia sp., Heteroxenia sp., Moluccas

<sup>Doridicola</sup>  
Metaxymolgus praelongipes (Humes, 1975)

M., Humes, 1975: 7-11, fig. 3: 2, 4, 5, 6a-d.

D. Humes & Stock, 1983: 94, n. comb.

D. -, HUMES 1990c: 40

Doridicola pteropodus

= Critomolgus

Doridicola ptilosarci

= Critomolgus

Doridicola rostripes Humes, 1990

-- Humes 1990c:40-42, figs. 34-37, n. sp. ♀♂, assoc.  
? Xenia sp., Heteroxenia sp., New Caledonia

Doridicola scyphulanus

= Critomolgus



*Doridicola*

Metaxymolgus securiger (Humes, 1964)

n. gen., Humes & Stock, 1972, p. 128

— Humes & Stock, 1983: 94

Doridicola sensilis (Humes, 1964)

- Humes & Stock, 1983: 94.

Doridicola senticauda Humes, 1990

-- Humes 1990c:42-44, figs. 38-40, n. sp. ♀♂, assoc

Paralemnalia thyrsoides, New Caledonia

Doridicola

LIEHOMOLGOS SEPIAE

IZAWA, 1976

-- IZAWA, 1976a: 89-94 ♀♂; FIGS. 1-19

EX SEPIA ESCULENTA GILLS

--, Ho, 1980, p. 304

— Humes & Stock, 1983: 94

D. —, IZAWA 1987: 152-

D. —, NAGASAWA 1993a: 312

D. —, IZAWA 1986b: 105-, FIG. 17, DEVELOPMENT, JAPAN

+ Doridicola Lichomolgidae - Cyclopoidea,  
Lichomolgus simplex Thompson & Scott, ♂, ♀.

— — Thompson & Scott, 1903, p. 279: pl. 15, f. 27-34.

— Humes & Stock, 1983: 94.

Habitat. Washings from sponges, Ceylon.

*Doridicola*  
*Lichomolgus singularipes*

L. -- Humes and Ho, 1968, p. 685

D. -- Humes & Stock, 1983: 94, N. COMB.

D. --, HUMES 1990C: 44, LISTS RECORDS

L. --, CARMAN & DOBBS 1997: 120, 121, TAB. 1

Metaxymolgus spinulifer (Humes & Frost, 1964)  
Doridicola

U. Humes, 1975: 25

D. Humes & Stock, 1983: 95, N. COMB.

D. -, HUMES 1990c: 44-45, LISTS RECORDS

Doridicola

Metaxynoligus sunnivae n.sp. (Humes, 1982)

--, Humes, 1982, p. 79-83, figs. 38-39, tbl. 4, CALIFORNIA

—, Humes & Stock, 1983: 95

-- Lanning & Vader, 1984: 99-133, CALIFORNIA



Doridicola titillans

= Critomolgus

DORIDICOLA

Metaxymolgus turmalis n.sp.

--, Humes, 1982, p. 75-79, figs. 36-37, tbl. 4, CALIFORNIA

-- Lanning + Vader, 1984: 99-133, FIG. 11A,

CALIFORNIA

Doridicola

~~Lichemoligus~~ venustus Humes

1958---pp. 290-298, figs. 36-64.

— Humes & Stock, 1983: 95

-- HUMES 1987b: 107

Doridicola virgulariae

= Critomolgus

Doridicola vulcanius Humes, 1990

-- Humes 1990c:45-47, figs. 41-43, n. sp. ♀♂, assoc.

Paralemnalia thyrsoides, Moluccas