

in)

~~Monstrilloida~~ — Choniostomatidae
~~hermipodoida~~

Sphaeronella, valid.

Salensky, 1868,

S. leucarti.[Ⓟ]

Syn. Sphaeronella Salensky, 1868, p.

Sphaeronella Hansen, 1897, p. 98.

Sphaeronella = A small sphere-

Genus Diagnosis

Female. Body almost globular; head very small, covered with a dorsal 4-cornered shield:
1st Antennae horizontal, 3-jointed; 2nd pair lacking in the adult. Mouth-tube conical, with 2 pairs of 1-jointed maxillae - 1st mxd. 1-jointed with a terminal claw; 2nd pair 3-jointed, with terminal claw.

Thorax in v. young ♀ covered with hairs; 2 pairs of rudimentary swimming legs on v. ventral surface and a pair of rudimentary anal laminae - Genital openings in v. form of lunate orifices near v. upper border v. genital plates - Length 1.5 mm. Color green.

Male, 0.21 mm. long - shield covering head & part thorax. antennae inserted on v. ventral surface - rud. swim. legs developed a little more than in ♀.

NICOTHOIDAE - SIPHONOSTOMATOIDA

Sphaeronella SALENSKY

2

- BOXSHALL & HARRISON 1988: 285-

- GOTTO 1993: 185-, DIAGNOSIS, KEY

Choniostomatidae - Monstrilloida.

Sphaeronella abyssi Hansen, ♀.♂.

— — Hansen, 1897, p. 121: pl. 4, f. 2, a-e.

Habitat. Marsupium of Astyra abyssi.
(amphipod)

Norway-

Choniostomatidae - Monstrilloida,

Sphaeronella acanthozonis Hansen, ♀.

— — Hansen, 1897, p. 141: pl. 7, f. 5, a-d.

— — Wilson, 1920, p. 116.

Habitat. Marsupium of Acanthozone
cuspidata Lepech.

Kara Sea.

Choniostomatidae - Monstrilloida

Sphaeronella aeginae Hansen, ♂. ♀.

— — Hansen, 1923, p. 69: pl. 5, fig. 3, a-g.

Habitat. Marsupium of Aegina echinata.

Choniostomatidae - Monstrilloida,

Sphaeronella affinis Hansen, ♀.

— — Hansen, 1897, p. 167; pl. 10, fig. 3, a-d.

Habitat. Marsupium of Janira mac-
ulosa Teuch.

Norway.

Choniostomatidae - Monstrellocida.

Sphaeronella amphilochei Hansen, ♀.

— — Hansen, 1897, p. 139: pl. 7, fig. 3, a-b.

— — T. Scott, 1904, b, p. 253: pl. 15, fig. 35-36.

-- GOTTO 1993: 192-, FIG. 48 J-K

Host. Marsupium of Amphilochoides odontonyx
+ A. pusillus G.O. Sars.

Denmark.

Sphaeronella anarthronis Bradford

--, Bradford, 1975, p. 31-32, fig. 12, tbl. 2

--, Bradford, 1980, p. 141

Sphaeronella antarctica Bradford

--, Bradford, 1975, p. 27, fig. 6, tbl. 2

Choniostomatidae - Monstrilloidea.

Sphaeronella antillensis Hansen, ♀.

— — Hansen, 1897, p. 113: pl. 3, f. 2, a-f.
—, Bowman and Kornicker, 1968, p. 116

Habitat. Marsupium of Corophium
bonellii M-Edwards.
Cuba,

Choniostomatidae.

Sphaeronella aorae, T. Scott, ♀

— —, T. Scott, 1905^b, p. 150; pl. XII, figs. 10-17.

Host. Marsupium of Aora gracila (Bate),
(Crustacean)

British Seas

Choniostomatidae - Monstrilloidea.

Sphaeronella argissae Hansen, ♀. ♂.

- — H.J. Hansen, 1897, p. 123: pl. 4. f. 3, a-n.
- — Stephensen, 1913, p. 350.
- — Wilson, 1920, p. 115.
- — Hansen, 1923, p. 67.

Habitat. Marsupium of Metopa bruzelii +
Argissa typica
 Greenland.

Sphaeronella atyl'i Hansen, ♂. ♀.

— Hansen, 1897, p. 107: pl. 2, f. 3, a-b.

-- GOTTO 1993: 188-, FIG. 46N-P

Habitat. Marsupium of Paratylos swam-
merdamii M-Edwards.
Denmark.

Sphaeronella australis Boxshall & Harrison, 1988

- Boxshall & Harrison, 1988, new species, pp. 285, 294-298, figs 6-8, Host : Amaryllis (Amphipod)
Tasmania

Choncostomatidae - Monstrilloidea.

Sphaeronella bonnieri Hansen, ♀, ♂.

— — H. J. Hansen, 1897, p. 136: pl. 6. f. 4: pl. 7. f. 1.

— — Stephensen, 1913, p. 351.

— — Wilson, 1920, p. 112.

— — Hansen, 1923, p. 69.

Habitat. Marsupium of Protomedea gas-
ciata

Greenland

SPHAERONELLA BOUVIERI HANSEN, 1897

Sphaeronella bradfordae

Boxshall & Lincoln, 1983

--, Boxshall & Lincoln, 1983: 896 - 898.
fig. 2 H-, 3

-- HUMES 1987a: 649

Monstrilloidea - *Monstrilloidea*.
Sphaeronella calliopii Hansen, ♂. ♀.

— — Hansen, 1897, p. 114: pl. 3, f. 3, a-l.

Habitat. Marsupium of Calliopus
laeviusculus Krøyer.

Asia.

Choniostomatidae - Monstrilloidea.

Sphaeronella callisomae T. Scott, ♀.

— T. Scott, 1904, b. p. 252: pl. 15, f. 20-27.

Host Marsupium of Callisoma crenata.

Scottish Seas.

Sphaeronella capensis, Hansen. ♀, ♂.
Monstrilloidea.

- —, Hansen, pp. 100, 131: pl. 5, figs. 4a-c:
pl. 6, figs. 1a-d, 1897.
- —, Stebbing, 1910, p. 562.

Host. Marsupium of ♀ Toemboides afer.
(Crustacean)
Cape of Good Hope.

Sphaeronella capensis, Hansen, ♀, ♂.

- —, Hansen, pp. 100, 131: pl. 5, figs. 4a-c;
pl. 6, figs. 1a-d, 1897.
- —, Stebbing, 1910, p. 562.

Host. Marsupium of ♀ Toomboides afer.
(a crustacean)
Cape of Good Hope.

Choniostomatidae - Monstrilloida

Sphaeronella caprellae Blake, ♂♀.

— — Blake, 1929, p. 10: fig. 4, a-c.

Host. Marsupium of Caprella linearis.

Mt. Desert Island.

Chondrosiomaoridae - Monstrilloida,

Sphaeronella chinensis Hansen, ♂. ♀.

— — Hansen, 1897, p. 112: pl. 2, fig. 6, a-f;
pl. 3, fig. 1, a-c.

— — Boxshall & Harrison, 1988: 298

Habitat. Marsupium of Corophium
bonellii M-Edwards.

China.

Choniostomatidae - Monstrilloida.

Sphaeronella cluthae T. Scott. ♀.

— T. Scott, 1904, b, p. 252: pl. 15, f. 28-30.

Host. Marsupium of Harpinia pectinata.

Scottish Seas.

Choniostomatidae - Monstrilloidea

Sphaeronella curtipes Hansen, ♀, ♂.

— — H. J. Hansen, 1897, p. 164: pl. 10, fig. 2, a-g.

— — Stephensen, 1913, p. 357.

— — Wilson, 1920, p. 116.

— — Hansen, 1923, p. 72.

Habitat. Marsupium of Janira spinosa.

Davis Straits.

Choniostomatidae - Monstrelliidae.

Sphaeronella danica Hansen, ♂-♀.

— Hansen, 1897, p. 108; pl. 2, f. 4, a-e;
pl. 13, f. 2, a.

-- GOTTO 1993: 188-, FIG. 46H-M

Habitat. Marsupium of Corophium
crassicorne Bruzelius -

Denmark.

Chironomidae - Monstrilloidea.
Sphaeronella decorata Hansen, ♀, ♂.

— — H. J. Hansen, 1897, p. 150: pl. 8, f. 3; pl. 9, f. 1.

— — Stephensen, 1913, p. 351.

— — Wilson, 1920, p. 116.

— — Hansen, 1923, p. 71.

-- FOXSHALL + DEFAYE 1995: 287, TAB. 1

Habitat. Morarium of Diastylis
rathkei Krøyer.

Kara Sea.

Sphaeronella devosae Stock, 1960

n. sp., in Stock & De Vos, 1960, pp. 209-210, fig. 1

-- GOTTO 1993: 188-, FIG. 47A-G

Chenopodium

Sphaeronella diadema, Giard & Bonnier, 9

S. - leuckarti - Della Valle, 1893, p. 289.

S. diadema, Giard & Bonnier, 1895, p. 478

Host. Ampelisca diadema, Costa.

(a crustacean)

Bay of Naples.

SPHAERONELLA DIKROTHRIX (KORNICKER + BOWMAN,
1969)

SPHAERONELLOPSIS -, KORNICKER + BOWMAN 1969: 282-284,
FIGS. 1-2, PL. I, N. SP. ♀ ONLY, EX OSTRACOD
METAVARGULA AMPLA, PERU-CHILE TRENCH.
SPHAERONELLA -, YOO + LIM 1996: 239-240

Choniostomatidae - Monstrilloida,

Sphaeronella dispar Hansen, ♂. ♀.

— Hansen, 1897, p. 156: pl. 9, f. 3, a-k,

-- GOTTO 1993: 193, FIGS. 49 J-M

-- BOXSHALL + DEFAYE 1995: 287, TAB. 1

Habitat. Marsupium of Eudorella
truncatula Bate,

Denmark,

Sphaeronella doloriae Bradford

B-, Bradford, 1975, p. 29-30, fig. 9, tbl. 2

S. DOLORIDAE, Yoo + Kim 1996: 239-240.

Chonostomatidae - Monstrilloida.

Sphaeronella dulichiae Hansen, ♀.

— Hansen, 1897, p. 140: pl. 7, f. 4, a-d.

Habitat. Marsupium of Dulichia mon-
acantha Metzger.

Denmark,

Sphaeronella ecaudata Stock, 1960

n. sp., in Stock & Vos, 1960, pp. 210-211

-- GOTTO 1993: 190-, FIG. 47 H-M

Choniostomatidae - Monstrilloida.

Sphaeronella elegantula Hansen, ♂. ♀.

— — Hansen, 1897, p. 106; pl. 2, f. 2, a-g.

--, Bowman and Kornicker, 1968, p. 116.

Habitat. Marsupium of Cheiroceratus sun-
devalli Rathke.

Denmark.

Choniostomatidae - Monstrilloidea,

Sphaeronella frontalis Hansen, ♂. ♀.

— — Hansen, 1897, p. 142: pl. 7, f. 6, a—i:
pl. 8, f. 1, a—e.

-- GOTTO 1993: 190-, FIG. 47 N-U

Habitat. Marsupium of Ampelisca
macrocephala Willjeborg.
Denmark.

Choniostomatidae - Monstrilloida,

Sphaeronella giardii Hansen, ♂.♀.

— — Hansen, 1897, p. 134: pl. 6, f. 3, a-l.

Habitat. Marsupium of Protomedea
fasciata Krøyer,
Denmark,

Choniostomatidae - Monstrilloida.

Sphaeronella gitanopsidis Hansen, ♂-♀.

— — Hansen, 1897, p. 133: pl. 6. f. 2, a-g.

Habitat. Marsupium of Gitanopsis
arctica G.O.Sars.

Norway.

Sphaeronella grayi Bradford

--, Bradford, 1975, p. 10, fig. 3, tbl. 2

Chonistomatidae - Monstrilloidea

Sphaeronella kolboelli Hansen, ♀, ♂.

- — H. J. Hansen, 1897, p. 127; pl. 5, fig. 2, a-g.
- — Stephensen, 1913, p. 351.
- — Wilson, 1920, p. 112.
- — Hansen, 1923, p. 67.

Habitat. Marsupium of Taramphithoe
boeckii.

Greenland.

Sphaeronella homasteropeae Bradford

--, Bradford, 1975, p. 30, fig. 10 a-d, tbl. 2

Sphaeronella hebe

--, Lowman and Kornicker, 1968, pp. 113, 114.

Choniostomatidae - Monstrilloidea.

Sphaeronella insignis Hansen, ♀.♂.

— Hansen, 1897, p. 158: pl. 9, fig. 4, a-g;
pl. 10, fig. 1, a-h.

-- BOXSHALL + DEFFAYE 1995: 287, TAB. 1

Habitat. Marsupium of Diastylis cor-
nuta and D. laevis

Denmark.

Choniostomatidae - Monstrilloidea.

Sphaeronella intermedia Hansen, ♀♂.

— — Hansen, 1897, p. 129: pl. 5, f. 3, a-h.

— — Wilson, 1935, p. 791.*

--, Bowman and Kornicker, 1968, p. 116.

Habitat. Marsupium of Bruzelia typica.

* On Amphilimna pentacantha (Echinoderm) Monterey Bay, Cal.
Norway -

Choniostomatidae - Monstrificida

Sphaeronella irregularis Hansen, ♀.

— — Hansen, 1897, p. 117; pl. 13, f. 5, a-d.

Habitat. Marsupium of Metopa ru-
brovittata G.O. Sars.

Norway

Sphaeronella kornickeri Bradford

--, Bradford, 1975, p. 28²⁹₁₀ fig. 8, tbl. 2

Choniostomatidae — Monstrilloidea.

Sphaeronella leptocheiri Hansen, ♂-♀.

— — Hansen, 1897, p. 111: pl. 13; f. 3. a-e.

Habitat. Marsupium of Leptocheirus
guttatus Grube.

Denmark.

Sphaeronella leuckarti, Salensky. ♂. ♀.

— — —, Salensky, 1868, p. 301; pl. X, figs. 1-27

— — —, Carus, 1885, p. 374.

— — —. Giard & Bonnier, 1889, p. 356; fig. 14 (text).

— — — = *S. elegantula* Hansen 1897 (see Green 1958)

Host, Amphithoe, sp. "in cavo incubatorio".

Microdeutopus quyllotalpa, Costa.

(a crustacean)

Bay of Naples. (over)

- —, Gaillard & Bonnier, 1895, p. 478.
— —, Hansen, 1897, p. 102:

Sphaeronella leuckartii

card 2

- Boxshall & Harrison, 1988: 298

-- GOTTO 1993: 186-, FIG. 46 F-G

Choniostomatidae — Monstrilloida,

Sphaeronella longipes Hansen, ♀.

— Hansen, 1897, p. 138: pl. 7, fig. 2, a-g.

— GOTTO 1993: 192, FIG. 48 L-P

Habitat. Marsupium of Ampelisca tenuicornis Willjeborg,
Denmark.

Choniostomatidae - Monstrilloida.

Sphaeronella marginata Hansen, ♂. ♀.

— — Hansen, 1897, p. 161; pl. 13, fig. 6, a-h.

Habitat. Marsupium of Iphinoë tri-
spinosa Goodsir.

Messina.

Chonicostomatidae - Monstrellidae

Sphaeronella melphidippae Hansen, ♂

Hansen, 1923, p. 68: pl. 5, fig. 2, a-d.

Habitat. In marsupium of Melphidippa borealis.

Iceland.

Choniostomatidae - Monstrilloida.

Sphaeronella messinensis Hansen, ♀.

— — Hansen, 1897, p. 111: pl. 13, f. 4, a-c.

Habitat. Marsupium of Gammaropsis
melanops G.O. Sars.
Messina.

Sphaeronella metavargulae Bradford

--, Bradford, 1975, p. 39, fig. 10 e-g, tbl. 2

-- Yoo + LIM 1996: 239-240

Choniostomatidae - Moustriilloida,
Sphaeronella metopae Hansen, ♀.

- — H.J. Hansen, 1897, p. 125: pl. 4, fig. 4; pl. 5, fig. 1.
— — Stephensen, 1913, p. 350. a-g
— — Wilson, 1920, p. 116.
— — Hansen, 1923, p. 67.

Habitat. Marsupium of Metopa brucei.

Greenland.

Monstrilloida - Choniostomataceae ♂.

Sphaeronella microcephala, G. & B. ♀.

— —, Giard & Bonnier, 1895, p. 464: pl.

XII, figs. 40-47: p. 478.

— —, Hansen, 1897, p. 100: 145: pl. 8, fig. 2,

— — Giard & Bonnier, 1893, p. 446. la-k.

-- GOTTO 1993: 193-, FIGS. 49 E-I

Host, Ampelisca tenuicornis Tillje.

A. typica Bate. (a crustacean)

Denmark.

Choniostomatidae - Monstrilloida.

Sphaeronella minuta T. Scott, ♀.

T. Scott, 1904, b, p. 251: pl. 15, f. 11-15.

T. Scott, 1905, b, p. 149: pl. 12, f. 18: pl. 13, f. 16.

GOTTO 1993: 192, FIG. 48 F-I

Host. Marsupium of Periocolodes longimanus.

Scottish Seas

Chonistomatidae

Sphaeronella minuta, var. valida. T. Scott. ♀

— —, T. Scott, 1905^b, p. 149; pl. XIII, figs. 17-20.

Host. Marsupium of Melanophorus cornutus,
(an amphipod).

Scottish Seas.

Choniostomatidae - Monstrosidae

Sphaeronella modesta Hansen, ♀♂.

— — Hansen, 1897, p. 153: pl. 9, fig. 2, a-i.

Habitat. Marsupium of Eudorella emarginata Krøyer.

Denmark.

Sphaeronella monothrix (Bowman & Tornicker,
1967).

-- , Bradford, 1980, p. 141

-- GOTTO 1993: 194-, FIGS. 49N-R

Choniostomatidae - Monstrilloidea

Sphaeronella munnae Hansen ♂.♀.

— — Hansen, 1923, p. 73: pl. 5, fig. 5, a-d.

Habitat, Marsepium of Munna spinipera

Sphaeronella munnopsidis Hansen, ♀.

- — Hansen, 1897, p. 168: pl. 10, f. 4, a-d.
- — Wilson, 1920, p. 12 L.
- — Hansen, 1923, p. 73.

Habitat. Marsupium of Munnopsis
typica M. Sars.

Kara Sea.

Choniostomatidae - Monstrilloidea

Sphaeronella nannonisci Hansen ♀.

— — Hansen, 1923, p. 74: pl. 5, fig. 6, a-b,

-- HUMES 1987a: 649

Habitat. Marsupium of Nannoniscus simplex

Iceland.

Choniostomatidae -

Sphaeronella norvegica Hansen, ♀.♂.

— Hansen, 1905, p. 348: pl. 22, figs 1, a-g.

Host. Rhachotropis leucophthalmus, a
Norwegian amphipod.
Norway -

Choniostomatidae - Monstrilloida.

Sphaeronella paradoxa Hansen, ♀, ♂.

— — Hansen, 1897, p. 118: pl. 3, § 4, a-l; pl. 4, § 1, a-h.

— — T. Scott, 1904, b, p. 251: pl. 15, § 17-19,

--, Stock & Vos, 1960, p. 212

-- GOTTO 1993: 190-, FIG. 48A-E

Habitat. Marsupium of Bathyporeia pelagica.
B. norvegica and B. robertsonii.

Scottish Seas.

Sphaeronella parasteropeae Bradford

--, Bradford, 1975, p. 33, fig. 15, tbl. 2

Sphaeronella philomedesi Bradford

--, Bradford, 1975, p. 32, fig. 13, tbl. 2

--, Bradford, 1980, p. 141

Choniostomatidae - Monstrilloida

Sphaeronella photidis Blake, ♀.

— — Blake, 1929, p. 8: fig. 3, a-b.

Host. Marsupium of Photis reinhardi.

Mt. Desert Island.

Sphaeronella pikei Green

1958--- pp. 310311, figs. 19-22.

Choniostomatidae - Monstrilloida

Sphaeronella pilosa Blake, ♀.

— — Blake, 1929, p. 8: fig. 2. a—c.

Host. Marsupium of Photis reinhardi

Mt Desert Island.

Choniostomatidae - Monstrilloida.

Sphaeronella pleurogonii Hansen, ♂.♀.

— — Hansen, 1923, p. 75: pl. 5, fig. 7, a-h.
—, Stephensen, 1940, p. 14

Habitat. Marsupium of Pleurogonium spinosissimum

Iceland -

Choniostomatidae - Monstrilloida.

Sphaeronella pygmaea T. Scott, ♀.

— T. Scott, 1904, b, p. 253: pl. 15, fig. 31-34.

-- BOXSHALL + DEFAYE 1995: 287, TAB. 1

Host. Marsupium of Pseudocuma similis.

Scottish Seas.

Choniostomatidae - Monstrellidae

Sphaeronella rotundata Hansen, ♂. ♀.

— Hansen, 1923, p. 71; pl. 5, fig. 4, a-f.

-- BOXSHALL + DEFAYE 1995: 287, TAB. 1

Habitat, Marsupium of Hemilampus
cristata.

Faroe Islands.

Sphaeronella rugosidoloriae Bradford

--, Bradford, 1975, p. 32-33, fig. 14a-c, tbl. 2

-- Yoo + LIM 1996: 239-240

Sphaeronella sarsiellae Bradford

--, Bradford, 1975, p. 31, fig. 11 d-f, tbl. 2

Sphaeronella scleroconchae Bradford

--, Bradford, 1975, p. 27, fig. 5, tbl. 2

SPHAERONELLA SEDENTARIA - SEE HOMOEOSCELIS

Choniostomatidae - Kernaeopodoidea

Sphaeronella serolis Monod, ♂♀,

— — Monod, 1930, p. 335: figs. 1-7.

— — Green 1959 p 649

Habitat. On Serolis pagenstecheri, So. Georgia.

Sphaeronella siphonostrae Bradford

--, Bradford, 1975, p. 33, fig. 14d-g, tbl. 2

-- Yoo + LIM 1996: 239-240

Sphaeronella skogsbergiellae Bradford

--, Bradford, 1975, p. 28, fig. 7, tbl. 2

Sphaeronella spinosa Bradford, 1980

--, Bradford, 1980, pp. 141-144, figs. 1 & 2

SPHAERONELLA SQUAMOSA Yoo + LIM, 1996

-- Yoo + LIM 1996: 236-240, FIGS. 1A, 1B-E, N. SA,

EX OSTRACOD CODONOCERA sp., KOREA

Sphaeronella synasteropeae Bradford

--, Bradford, 1975, p. 31, fig. 11 a-c, tbl. 2

^h
Spaeronella valida T. Scott, 1905
1

-- Gotto 1993: 193-, Figs. 49A-D

Choniostomatidae.

Sphaeronella vararensis, T. Scott, ♀.

——, T. Scott, 1905^b, p. 150; pl. XIII. figs. 12-15.

Host. Marsupium of Megaluropus agilis.
(Norman) an amphipod.

Scottish Seas.

Choniostomatidae - Monstrilloidea.

Sphaeronella vestita Hansen, ♂. ♀.

— — Hansen, 1897, p. 110; pl. 2, f. 5, a-b.

Habitat. Marsupium of Microprotopus
maculatus Norman.

Denmark.

Choniostomatidae - Monstrilloida

Sphaeronella sp. T. Scott, ♀.

-- T. Scott, 1905, b.p. 157.

-- BOXS HALL & DEFAYE 1995: 287, TAB. 1

Host. Mammipium of Hemilamprops rosea.

Sphaeronella sp.

--, Lemercier, 1965, pp. 775, 779, 782, 783, 784