

NEMERTINI: ANOPLA

Phylum **NEMERTINI***

Class **ANOPLA**

Order PALAEONEMERTINI

Family **Tubulanidae**

TUBULANUS LINEARIS (McIntosh) [*Bürger*, 1895, p. 519, T. I, fig. 2, as *Carinella*; 1904, p. 12]

Two specimens Duke Rock, 1892 (T.H.R.): several specimens inside Breakwater (Queen's Grounds, Asia Shoal, Millbay Pit, Duke Rock); shallow-water form, 1910 (Wijnhoff, 1912, p. 409)

TUBULANUS POLYMORPHUS Renier [*Bürger*, 1895, p. 517, T. I, figs. 4 and 10, as *Carinella*; 1904, p. 12]

One specimen Stoke Point, 25 fm., 2.3.92 (T.H.R.): Mewstone Amphioxus Grounds, 10.9.95; about half-way between Rame and Eddystone, 20.12.28; 4m W. of Eddystone, 9.4.00, one specimen on each occasion (W.I.B.): Eddystone and Rame Grounds, once off the Breakwater, 1910 (Wijnhoff, 1912, p. 409)

SALCOMBE On shore on the west side of the Salstone (Allen and Todd, 1900, p. 188)

TUBULANUS MINIATUS (Bürger) [*Bürger*, 1895, p. 521, T. I, fig. 8, as *Carinella*; 1904, p. 12]

Three specimens Rame-Eddystone Grounds, 44-55 fm., 11.8.10 (Wijnhoff 1912, p. 410)

TUBULANUS NOTHUS (Bürger, 1895, p. 527, T. I, fig. 8, as *Carinella*) [*Bürger* 1904, p. 13]

Rum Bay, Bridge and Queen's Grounds, each 1 specimen; Asia Shoal and Millbay Pit, each 3 specimens, 1910 (Wijnhoff, 1912, p. 412): Duke Rock 1 specimen, 16.8.21 (J.F.G.W.)

TUBULANUS SUPERBUS (Kölliker) [*Bürger*, 1895, p. 521, T. I, figs. 5, 7, 9, 11 as *Carinella*; 1904, p. 13]

Six miles S.E. of Mewstone, 1 specimen (T.H.R.): sand-bank in Yealm (R.C.P., W.I.B.): Drake's Island, Mewstone Grounds, Rame-Eddystone and Eddystone Grounds (W.I.B.): Eddystone and Rame-Eddystone Grounds, frequent; Asia Shoal 1 specimen, 1910 (Wijnhoff, 1912, p. 411)

SALCOMBE. Frequently found on the shore both in the Kingsbridge Estuary and in Salcombe Harbour; on both sides of the Salstone; on the shores at the N.E. end of Salcombe Harbour, as well as on the banks near the mouth, immediately to the north of Mill Bay; a specimen was obtained in dredge material from the channel between Salstone and Snape's Point (Allen and Todd, 1900, p. 188)

* Except for ranking Nemertini as a phylum, and Anopla and Enopla as classes, the classification follows Böhmig (1929) except where stated.

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TUBULANUS ANNULATUS (Montagu) [*McIntosh*, 1873, p. 203, Pl. 8, fig. 1, as *Carinella*; *Bürger*, 1904, p. 14]

Not uncommonly dredged 5-20 fm. (T.H.R.); Millbay Channel (W.I.B., R.A.T.); Queens Ground, Asia Shoal (W.I.B., R.A.T., A.J.S.); Duke Rock, Mewstone Grounds 6 m., S.W. of Rame, Eddystone Grounds (W.I.B.): from nearly all dredging grounds inside and outside the Breakwater, more commonly met with near Mewstone and Eddystone at a depth of at least 18 m., 1910 (Wijnhoff, 1912, p. 411)

SALCOMBE. Obtained by W.I.B. in the *Zostera* banks between Ferry House and Mill Bay, Sept. 1898 (Allen and Todd, 1900, p. 188)

TUBULANUS ALBOCAPITATUS Wijnhoff, 1912, p. 412

Rame-Eddystone Grounds, in 3 different dredgings, 1 in each haul, 1910 (Wijnhoff, 1912, p. 412)

Family **Callineridae**

CARINESTA ANGELICA Wijnhoff, 1912, p. 413

One specimen, River Yealm, L.W. in muddy sand-bank; 1 specimen crawling about in sand from Whitsand Bay, 1910 (Wijnhoff, 1912, p. 413)

Family **Cephalotrichidae**

CEPHALOTRICH RUFIFRONS (Johnston) [*Bürger*, 1895, p. 539, T. II fig. 24, and T. VII, fig 2 as *C. bioculata* Oersted; 1904, p. 18]

Common between tide-marks, in clean, coarse sand among corallines (T.H.R.): Drake's Island, Rum Bay, Mount Edgcumbe (E.J.A., W.I.B.); Millbay Channel (W.I.B.): north shore of Drake's Island, 3 specimens; Rum Bay 18 specimens, 21.5.09 (A.J.S.); common between tide-marks at Rum Bay, Mount Edgcumbe, Drake's Island, Mewstone; in clean sand between corallines, under stones, etc., 1910 (Wijnhoff, 1912, p. 414)

Breeding: April-Aug.: pelagic larvae as late as Dec. (T.H.R.)

CEPHALOTRICH LINEARIS (Rathke) Oersted [*Bürger*, 1895, p. 538]

Rum Bay in sand between tide-marks; dredged outside Breakwater (T.H.R.)

Breeding: in March (W.G.)

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Family **Baseodiscidae**

POLIOPSIS LACAZEI Joubin, 1894, p.82, Pl. I, fig. 15 and 16 [*Bürger* 1904, p. 85]

One specimen, Eddystone, 1910 (Wijnhoff, 1912, p. 415)

BASEODISCUS CURTUS (Hubrecht) [*Bürger* 1895, p. 601, Pl. 4, fig. 3, as *Eupolia*; 1904, p. 82]

Off Borough Island off Prawle Point; Eddystone Grounds (T.H.R., E.J.A.); Millbay Channel, 2 specimens, Oct. 1900 (A.J.S.); Queens Ground, 1 small (R.A.T.) Mewstone Ledge; about 4 m. S. of Mewstone; 2 m W. of Eddystone (W.I.B.)

OXYPOLIA BEAUMONTIANA Punnett, 1901, p. 555

Dredged off Mewstone, 10.6.97 and 23.11.99, 1 specimen on each occasion (W.I.B., R.C.P.): 1 specimen, Yealm shore collecting, 11.5.10 (G.W.): Mewstone E.N.E., Rame N. ½ E. 25 fm. trawl, 27.8.20 (H.G.C.)

Family **Lineidae**LINEUS LONGISSIMUS (Gunnerus) [*McIntosh*, 1873, p. 181, Pl. IX, as *L. marinus* Montagu; *Bürger*, 1904, p. 93]

Dredged in Yealm and outside Breakwater, occasionally on shore (T.H.R.): occasional specimens dredged and found on the shore from all parts of Sound: Wembury Bay: Yealm; Mewstone Ledge (W.I.B., R.A.T.): Eddystone Grounds (E.J.A.): rather common in dredgings from Sound, Mewstone and Yealm, 1910 (Wijnhoff, 1912, p. 415): eggs taken with adult, 22.3.20 (J.H.O.)

SALCOMBE. Several specimens dredged in channel between Salstone and Snape's Point (Allen and Todd, 1900, p. 188)

LINEUS BILINEATUS (Renier) [*Joubin*, 1894, p. 103, Pl. II, figs. 26 and 27; *Bürger*, 1904, p. 94]

Common 5 to 20 fm., especially at Duke Rock (T.H.R.): occasionally in sand and gravel between tide-marks, Rum Bay (W.I.B.): Drake's Island (R.A.T.): Yealm Sand-bank (W.I.B., R.A.T., A.J.S.): dredged on all stony ground in Sound (W.I.B., R.A.T.): Yealm River; S.W. of Penlee (1½ miles); Eddystone Grounds (W.I.B.): very common, especially in dredgings from Sound; from Rame-Eddystone Grounds; the Mewstone neighbourhood; also from the Cattewater and between tide-marks at the Yealm and Rum Bay, 1910 (Wijnhoff, 1912, p. 415): Duke Rock, 16.8.21, fairly common (J.F.G.W.): mussel-bed off Neille Point, River Tamar, dredge, 3.10.28 (E.P.)

SALCOMBE. On the shore near mouth of Salcombe Harbour, common in clean sand (with a little *Zostera*) between Ferry House and Mill Bay on the eastern side; 1 on the western side under Marine Hotel, and 1 in fine mud to the N.E. of the Salstone (Allen and Todd, 1900, p. 188)

LINEUS LACTEUS Rathke [*Joubin*, 1894, p. 93, Pl. II, fig. 23; *Bürger*, 1904, p. 98]

North side of Drake's Island, between tide-marks; Cawsand Bay, not common (T.H.R.): 2 specimens from Asia Shoal, on one occasion, 1910 (Wijnhoff, 1912, p. 416): 2 specimens Portwrinkle Beach, Whitsand Bay, 5.6.20, hermaphrodite, full of ripe-looking ova posteriorly and ripe sperm anteriorly with 9-8 and 11 and 12 eyes, but no tubercles even on head (J.H.O.): Rum Bay, 23.8.21 (J.F.G.W.)

LINEUS RUBER (Müller) [*McIntosh*, 1873, p. 188, Pl. V, fig. 2 as *L. sanguineus*; *Bürger*, 1904, p. 101]

Common everywhere in Sound between tide-marks (T.R.H., R.A.T.): Yealm (T.V.H.): Wembury Bay (R.A.T.): common everywhere under stones at about mid-tide level (W.I.B.): between tide-marks very common in Cawsand Bay and Rum Bay and at Drake's Island; from New Grounds in dredgings, 1910 (Wijnhoff, 1912, p. 416): Rum Bay, 23.8.21 (J.F.G.W.): hard ground under stones River Lynher up to beach 100 yds. above Antony

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Creek; River Tamar in mussel-bed off Neille Point, 3.10.28, 30.9.28 (E.P.)
Breeding: Jan. (W.G.): Feb. (R.A.T.): March (T.H.R.)

MICRELLA RUFA Punnett, 1901, p. 548

Yealm Shore, low water, one (R.C.P.)

MICRURA FASIOLOATA Ehrenberg [*McIntosh*, 1873, p. 197, Pl. VI, fig. 2; *Bürger*, 1904, p. 105]

Common in Sound, especially Duke Rock (T.H.R.): dredged from stony ground in all parts of Sound (W.I.B.): T.V.H., R.A.T.): Rame-Eddystone Grounds, Eddystone Grounds (W.I.B.): common in the dredgings from Sound, Eddystone, Mewstone and Eddystone-Mewstone Grounds; one from Stoke Point, dredge, Mewstone and Mewstone Ledge, 1910 (Wijnhoff, 1912, p. 417): very common (J.F.G.W.)

SALCOMBE. Several specimens dredged in the channel in Salcombe Harbour, none recorded higher up the estuary (Allen and Todd, 1900, p. 188)

Breeding: Oct. to end of year (T.H.R.)

MICRURA AURANTIACA (Grube) [*McIntosh*, 1873, p. 201, Pl. VII, fig. 4; *Bürger* 1904, p. 105]

Between tide-marks, Wembury Bay, 1 specimen, 10.6.92 (T.H.R.): Mewstone Ledge, Mallard, Queen's Ground, Yealm (dredged) (W.I.B.): Asia Shoal (A.J.S.): 1 specimen only from each locality; 2 specimens from Breakwater (Wijnhoff, 1912, p. 417)

MICRURA PURPUREA (Dalyell) [*McIntosh*, 1873, p. 200, Pl. VII, fig. 3; *Bürger*, 1904, p. 106]

Common in Sound, especially Duke Rock; also outside Breakwater (T.H.R.): in dredgings from stony ground in all parts of Sound (W.I.B., R.A.T.): Yealm River, Mewstone Ledge, Eddystone Grounds (W.I.B.): rather common in dredgings from Sound; occasionally a specimen from Rame-Eddystone and Mewstone Amphioxus Grounds, 1910 (Wijnhoff, 1912, p. 418): very common, Asia Shoal and outside Sound (J.F.G.W.)

MICRURA CANDIDA Bürger [*Joubin*, 1894, p. 118, Pl. II, fig. 23b; *Bürger*, 1904, p. 106]

Stoke Point, 10.11.92, 1 dredged (T.H.R.): 2 specimens from Mewstone, 2 from Mewstone Ledge, 1910 (Wijnhoff, 1912, p. 418)

CEREBRATULUS FUSCUS (McIntosh, 1873, p. 196, Pl. VI, fig. 3, as *Micrura fusca*) [*Bürger*, 1904, p. 118]

Jennycliff Bay, Mallard and Cobbler Shoals, few (T.H.R.): Mallard, Queen's Grounds, Drake's Island, Mewstone Grounds (W.I.B.): Rum Bay; Millbay Channel (R.A.T.): Eddystone Grounds, with *Lepralia foliacea* (W.I.B.): in dredgings from Asia Shoal, Queen's and New Grounds, Millbay Channel, and once from Mewstone Ledge, 1910 (Wijnhoff, 1912, p. 419)

CEREBRATULUS PANTHERINUS Hubrecht [*Joubin*, 1894, p. 102; *Bürger*, 1904, p. 113]

One dredged off Stoke Point (T.H.R.)

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CEREBRATULUS ROSEUS (Delle Chiaje) [*Bürger*, 1895, p. 658, T. VI, fig. 12; 1904, p. 112]

Specimens collected from Breakwater, May 1910; Sound under Batten Castle, May 1902, 1 specimen each time; 1 from Breakwater in a tube with *Micrura aurantiaca* (Wijnhoff, 1912, p. 419)
SALCOMBE. Mill Bay, 1908 (F.A.P.)

CEREBRATULUS ALLENI Wijnhoff, 1912, p. 419

One specimen, Yealm Sand-bank, 1910 (G.W.)

Class **ENOPLA**

Order HOPLONEMERTINI

Family **Drepanophoridae**

DREPANOPHORUS SPECTABILIS (Quatrefages) [*Bürger*, 1895, p. 575, Pl. III, fig. 28; 1904, p. 51]

Among weeds dredged in Cawsand Bay, 1 specimen; dredged off Stoke Point, 4 (T.H.R.): taken several times on Mewstone Ledge; Queen's Ground (once); Eddystone Grounds (W.I.B.): Queen's Ground, Millbay Channel, Cawsand Bay (R.A.T.): 5 m. S. of Mewstone (A.J.S.): mud 1 m. S. of Rame Head, 5.9.11 (J.H.O.): 1 specimen Asia Shoal, 16.8.21 (J.F.G.W.): Queen's and New Grounds; Mewstone Ledge, 1910 (Wijnhoff, 1912, p. 428)

Family **Emplectonematidae**

EMPLECTONEMA GRACILE (Johnston) [*McIntosh*, 1873, p. 176, Pl. 11, fig. 5, as Nemertes; *Bürger*, 1904, p. 22]

Breakwater, among Laminaria holdfasts (T.H.R.): Drake's Island (R.A.T., W.I.B.): crevices in rocks, Cawsand Bay, 26.3.09 (W.O.R.K.): in dredgings from Mewstone; between tide-marks, Breakwater, Drake's Island, Cawsand Bay; far less common than *E. neesi*, 1910 (Wijnhoff, 1912, p. 423)

EMPLECTONEMA NEESI (Oersted) [*McIntosh*, 1873, p. 178, Pl. III, fig. 6, as Nemertes; *Bürger*, 1904, p. 22]

Abundant on Breakwater, rare elsewhere (T.H.R.): the Bridge, Drake's Island, common (R.A.T., (W.I.B.): Wembury Bay (E.J.A., T.V.H.): crevice among rocks at low tide, Cawsand Bay, 1 specimen, 26.3.09 (W.O.R.K.): common between tide-marks in the Sound; from Breakwater and the Mewstone; occasionally in dredgings at a depth of from 10-15 fm., 1910 (Wijnhoff, 1912, p. 423)

Breeding: Feb. (R.A.T.): March-Oct. (T.H.R.): Drake's Island shore, extruding ripe eggs, 1.2.11; N. side of Breakwater extruding ripe eggs, 18.1.11 (A.J.S.)

EMPLECTONEMA ECHINODERMA (Marion) [*Bürger*, 1895, p. 545, T. II, fig. 3 and 11, as Eunemertes; 1904, p. 23]

Yealm, 1 specimen dredged 25.1.99, 1 from sand-bank, 1.2.00 (W.I.B.): Yealm at low water (R.C.P.): 1 specimen Millbay Pit, 1910 (Wijnhoff, 1912, p. 424): several specimens. mouth of River Yealm (N. bank), spade, 3.3.15;

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several specimens mouth of River Yealm, N. side, in *Zostera* bed, 1.4.15; 10-12 specimens commensal with *Leptosynapta inhaerens*, mouth of River Yealm, N. shore, in *Zostera* bed, 7.3.16; 1 specimen shore, Wembury Church Reef (under stone), 20.3.16 (A.J.S.)

CARCINONEMERTES CARCINOPHILA (Kölliker) [*Joubin*, 1894, p. 212, Pl. III, fig. 81, as *Eunemertes*; *Bürger*, 1904, p. 25, as *Eunemertes*]

In tubes between the egg masses of *Carcinus maenas* and *Portunus depurator*, in 2 *Carcinus*, in several *Portunus*, dredged 1910 (*Wijnhoff*, 1912, p. 424)

NEMERTOPSIS FLAVIDA (McIntosh) Beaumont [*McIntosh*, 1873, p. 170, Pl. IV, fig. 1, as *Tetrastemma flavida*; *Beaumont*, 1900b, p. 817, as *N. tenuis*; including *N. tenuis* of *Bürger*, 1904, p. 26]

Very common in Plymouth Sound, between tide-marks and from dredgings, especially Duke Rock, and Millbay Channel (T.H.R.): Breakwater (between tide-marks), Asia Shoal, Duke Rock, Millbay Channel, River Yealm (dredging ground); both forms occur in River Yealm and Millbay Channel (W.I.B.): common in Sound, both from dredgings and between tide-marks; once from a dredging near Mewstone, 1910 (*Wijnhoff*, 1912, p. 425)

Family **Prosorhochmidae**

PROSORHOCHMUS CLAPARÈDI Keferstein [*Bürger*, 1895, p. 553, Pl. II, figs. 2 and 7]

In crevices in shale at high-water mark, Wembury, lower Yealm Estuary; first found, 8.8.48; not uncommon (C.F.A.P.): in rock crevices above and around mid-tide, Rum Bay, Wembury Point, and Portwinkle, 1954-56 (G.M.S.)

OERSTEDIA DORSALIS (Abildgaard) [*Bürger*, 1895, p. 592, Pl. III, figs. 30 and 36; 1904, p. 71; *Stiasny-Wijnhoff*, 1930, p. 226; *Coe*, 1943, p. 268]

Very common in dredgings, especially in early summer among *Zostera* in Cawsand Bay (T.H.R.): Queen's Ground, Millbay Channel (R.A.T.): Asia Shoal (W.I.B., R.A.T.): Cawsand Bay (R.A.T.): 5 m. S. of Penlee Point (R.A.T.): Eddystone Grounds (W.I.B., E.J.A.): found almost everywhere from shore down to 30 fm. or more; a yellow form (*Bürger's* var. *cincta*) abundant among *Cellaria* (W.I.B.): abundant everywhere in Sound, Rame-Eddystone Grounds, and between weeds in Whitsand Bay; several varieties in dredgings, v. *marmorata*, *viridis* and *cincta*, 1910 (*Wijnhoff*, 1912, p. 433); common, 1921 (J.F.G.W.)

Breeding in autumn (T.H.R.): Sept., Oct., Nov. (W.G.)

OERSTEDIA NIGRA (Riches, 1893, p. 14, as *Tetrastemma*)

On *Codium* and other weeds from *Laminaria* zone (T.H.R.): Rum Bay and Batten among corallines (W.I.B.)

OERSTEDIA IMMUTABILIS (Riches, 1893, p. 14, as *Tetrastemma*)

Coralline pools in Wembury Bay, many specimens; among weeds on shore and dredged at Duke Rock (T.H.R.): 6 specimens, coralline and *Laminaria* holdfasts, Rum Bay, 20.2.12 (A.J.S.)

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Family **Amphiporidae**

AMPHIPORUS LACTIFLOREUS (Johnston) [*McIntosh*, 1873, p. 156, Pl. I, fig. 1 and 2; *Bürger*, 1904, p. 38]

Common between tide-marks, under stones (T.H.R.): Drake's Island (E.J.A., T.V.H., R.A.T.): Rum Bay (W.I.B.): Mount Edgcumbe (E.J.A.): Wembury Bay (T.V.H.): in shallow water near the coast, and between tide-marks; from all dredging grounds in Sound; once from a dredging at the Mewstone Ledge, 18-27 metres, 1910 (Wijnhoff, 1912, p. 426): 1 specimen Rum Bay, 23.8.21 (J.F.G.W.): River Tamar, under stones, edge of mud-flat near Warren Point, above Saltash Bridge, 1 m., 19.9.28 (E.P.)

Breeding: in early spring (T.H.R.): March (W.G.)

AMPHIPORUS DISSIMULANS Riches, 1893, p. 10

In considerable abundance, Millbay Channel (T.H.R.): once between tidemarks, Drake's Island; dredged, Asia Shoal, Millbay Channel (common); River Yealm (W.I.B.): dredged from all grounds in Sound and near Mewstone, 1910 (Wijnhoff, 1912, p. 427)

Breeding in spring and in Oct. (T.H.R.)

AMPHIPORUS PULCHER (Johnston) [*McIntosh*, 1873, p. 158, Pl. I, fig. 3; *Bürger*, 1904, p. 41]

Taken on one or two occasions on Eddystone Grounds (W.I.B.)

AMPHIPORUS ALLUCENS Bürger, 1895, p. 568, Pl. IV, fig. 35 as var. of *A. pulcher*; 1904, p. 41

One specimen from Mewstone Ledge (10-15 fm.); 1 from Rame-Eddystone Grounds, 1910 (Wijnhoff, 1912, p. 428)

AMPHIPORUS BIOCULATUS McIntosh, 1873, p. 163, Pl. VIII, fig. 3 [*Bürger*, 1904, p. 40]

One specimen dredged in Millbay Channel, 18.11.92 (T.H.R.)

Family **Tetrastemmatidae** *

TETRASTEMMA MELANOCEPHALUM (Johnston) [*McIntosh*, 1873, p. 165, Pl. II, fig. 1; *Bürger*, 1904, p. 56]

Dredgings from Queen's Grounds and between stones from Cattewater, 20/28.8.10 (Wijnhoff, 1912, p. 429): mud-flat, under stones along edge of bank near Warren Point, above Saltash Bridge, River Tamar; Rat Island; 30.8.28, 19.9.28 (E.P.)

TETRASTEMMA CORONATUM (Quatrefages) [*Bürger*, 1895, p. 583, Pl. III, figs. 2 and 8; 1904, p. 61]

Fairly common in all dredgings from Sound, Mewstone and Cattewater; once between tide-marks Rum Bay, 1910; most of Riches' *Tetrastemma melanocephalum* belong to this species (Wijnhoff, 1912, p. 430).

TETRASTEMMA VERMICULUS (Quatrefages) [*Joubin*, 1894, p. 160, Pl. III, fig. 64; *Bürger*, 1904, p. 62]

Rather common in dredgings from Asia Shoal; from some other dredging

* Generic names revised following Stiasny-Wijnhoff (1937).

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- grounds in Sound, near Mewstone and Mewstone Ledge; once between tide-marks, Rum Bay, 1910 (Wijnhoff, 1912, p. 430): 1 specimen Asia Shoal, 16.8.21 (J.F.G.W.)
- TETRASTEMMA PELTATUM Bürger, 1895, p. 580, Pl. III, fig. 6 [*Bürger*, 1904, p. 57]
Two specimens from the Bridge, 12.5.10 (Wijnhoff, 1912, p. 430)
- TETRASTEMMA LONGISSIMUM Bürger, 1895, p. 584, Pl. III, fig. 15 [*Bürger*, 1904, p. 62]
One specimen in dredging from Mewstone, 13.7.10 (Wijnhoff, 1912, p. 431)
- TETRASTEMMA ROBERTIANA Mcintosh, 1873, p. 166, Pl. III, fig. 1 [*Bürger*, 1904, p. 63]
Rame-Eddystone, 1 specimen, 18.8.10 (Wijnhoff, 1912, p. 431)
- TETRASTEMMA CANDIDUM (O. F. Müller) [*Bürger*, 1895, p. 586, Pl. III, figs. 13 and 19; 1904, p. 64]
Asia Shoal and Queen's Grounds, not common, June, July 1910 (Wijnhoff, 1912, p. 431): 1 specimen Asia Shoal, 1 specimen, Rum Bay, 16.8.21 (J.F.G.W.)
- TETRASTEMMA FLAVIDUM Ehrenberg [*Bürger*, 1895, p. 585, Pl. III, fig. 20; 1904 p. 64]
Queen's Grounds, New Grounds, Cattewater and Rame-Eddystone in dredgings, between tide-marks, Rum Bay, 1910 (Wijnhoff, 1912, p. 432)
- TETRASTEMMA CEPHALOPHORUM Bürger, 1895, p. 583, Pl. III, fig. 22 [*Bürger*, 1904, p. 61]
Millbay Channel, Duke Rock (T.H.R.): dredged Millbay Channel, Queen's Ground, Duke Rock, River Yealm (W.I.B.): dredgings from New Grounds, Bridge, Asia Shoal and Queen's Grounds. a few specimens, 1910 (Wijnhoff, 1912, p. 432)
- TETRASTEMMA AMBIGUUM Riches, 1893, p. 19
Found Nov. 1902 (T.H.R.): common at all dredging and trawling grounds in Sound; Mewstone Grounds; Rame-Eddystone Grounds, at a depth of 25-30 fm.; one of the commonest species, 1910 (Wijnhoff, 1912, p. 432)
- TETRASTEMMA HELVOLUM Bürger, 1895, p. 586 Pl. III, fig. 16 [*Bürger*, 1904, p. 65]
Mewstone Ledge, Rame-Eddystone Grounds, depth 10-30 fm., Aug. 1910 (Wijnhoff, 1912, p. 432)
- TETRASTEMMA QUATREFAGESI (Bürger, 1904, p. 67) [*Joubin*, 1894, p. 157 Pl. III, fig. 87, as *Tetrastemma armatum*]
One specimen, New Grounds, 30.5.10 (Wijnhoff, 1912, p. 433)
- TETRASTEMMA HEROUARDI (Oxner, 1908, p. 19 Pl. I, figs. 1-5)
Hulks in Sound, 4 specimens, 21.5.10 (Wijnhoff, 1912, p. 433)

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Order BDELLOMORPHA

Family **Malacobdellidae****MALACOBDELLA GROSSA** (O. F. Müller) [*Joubin*, 1894, p. 214, Pl. III, fig. 86; *Bürger*, 1904, p. 74]

In branchial cavity of *Cyprina islandica*, never more than one in a mollusc (T.H.R., S.P.): Eddystone trawling grounds, in fishes, 1 specimen, 11.7.16; 3 specimens in one *Cyprina* from a Plymouth trawler, working near Eddystone, 3.1.17, the first *Cyprina* with more than 1 specimen in it (A.J.S.)