

Checklist of generic and supra-generic classification of Marginellidae (Caenogastropoda)

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Abstract

A checklist of the Marginellidae (Neogastropoda, Stenoglossa, Volutoidea) classification up to generic level is provided, based on a recently published paper on marginellid phylogeny and an intense bibliographical survey. Synonymy and type species are also presented.

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Introduction

The family Marginellidae are predatory neogastropods with porcelaneous shells, which occurs worldwide, mainly in marine shallow waters.

Samples of the family Marginellidae have been phylogenetically analyzed in a recent paper – Souza & Simone, 2019 – which possess a more complete history and data on the taxon. A part of that study is a checklist on the high classification of the Marginellidae, which has autonomy to be published separately. The study is linked to a wider project on phylogeny of the Caenogastropoda (Souza, 2007; Simone, 2011).

This paper has, then, the intention of providing a synopsis of the classification of the Marginellidae up to generic level, including mention of the type species and main synonymy. Although, more details are provided in referenced literature (Coovert & Coovert, 1995, Bouchet et al, 2017; Souza & Simone, 2019).

Result

Family **Marginellidae** Fleming, 1828

Subfamily **Marginelloninae** Coan, 1965

Genus *Afrivoluta* Tomlin, 1947

Afrivoluta Tomlin, 1947: 244

Type species: *Afrivoluta pringlei* Tomlin, 1947, OD

Genus *Marginellona* Martens, 1904

Marginella (*Marginellona*) Martens, 1904: 108

Sigaluta Rehder, 1967: 182 - 183 (Type species: *Sigaluta pratasensis* Rehder, 1967 = *Marginellona gigas* Martens, 1904, OD)

Type species: *Marginella* (*Marginellona*) *gigas* Martens, 1904, M

Subfamily **Marginellinae** Fleming, 1828

Genus *Myobarbum* Sohl, 1963

Myobarbum Sohl, 1963: 750-751

Type species: *Myobarbum laevigatum* Sohl, 1963, OD

Tribe **Austroginellini** Covert & Covert, 1995

Genus *Conuginella* Laseron, 1957 (fossil)

Conuginella Laseron, 1957: 288

Type species: *Marginella inermis* Tate, 1878 (fossil), OD

Genus *Serrata* Jousseame, 1875

Serrata Jousseame, 1875: 167, 230

Laseron, 1957: 284 (Type species: *Marginella mustelina* (Angas, 1871) = *Hyalina* (*Volvarina*) *mustelina* Angas, 1871; OD)

Exiginella Laseron, 1957: 289 (fossil; Type species: *Marginella winteri* Tate, 1878; OD)

Type species: *Marginella serrata* Gaskoin, 1849, OD

Genus *Serrataginella* Covert & Covert, 1995

Serrataginella Covert & Covert, 1995: 82

Type species: *Marginella spryi* Clover, 1974, OD.

Genus *Stromboginella* Laseron, 1957 (fossil)

Stromboginella Laseron, 1957: 289

Type species: *Marginella crassidens* Chapman & Crespin, 1928, OD

Genus *Hydroginella* Laseron, 1957

Hydroginella Laseron, 1957: 284

Neptoginella Laseron, 1957: 283 (Type species: *Neptoginella fascicula* Laseron, 1957, OD)

Pillarginella Gabriel, 1962: 197 (Type species: *Marginella columnaria* Hedley & May, 1908)

Type species: *Marginella crassidens* Chapman & Crespin, 1928, OD

Genus *Mioginella* Laseron, 1957 (fossil)

Mioginella Laseron, 1957: 287

Type species: *Marginella regula* Cotton, 1949

Genus *Protoginella* Laseron, 1957

Protoginella Laseron, 1957: 285

Type species: *Marginella lavigata* Brazier, 1877 = *Marginella* (*Prunum*) *lavigata* Brazier, 1877, OD

Genus *Nudifaba* Eames, 1952 (fossil)

Marginella, subg. *Nudifaba* Eames, 1952: 122

Type species: *Marginella* (*N.*) *rakhiensis* Eames, 1952, OD

Genus *Alaginella* Laseron, 1957

Alaginella Laseron, 1957: 286

Carinaginella Laseron, 1957: 286 (Type species: *Marginella carinata* Smith, 1891; OD)

Cassoginella Laseron, 1957: 287 (fossil, Type species: *Marginella palla* Cotton, 1949, OD)

Triginella Laseron, 1957: 280-281 (Type species: *Marginella malina* Hedley, 1915, OD)

Type species: *Marginella ochracea* Angas, 1871, OD

Genus *Hiwia* Marwick, 1931 (fossil)

Marginella (*Hiwia*) Marwick, 1931: 129

Type species: *Marginella (Hiwia) amplificata* Marwick, 1931

Genus *Austroginella* Laseron, 1957

Austroginella Laseron, 1957: 285

Plicaginella Laseron, 1957:285 (Type species: *Marginella formicula* Lamarck, 1822, OD)

Type species: *Marginella muscaria* Lamarck, 1822, OD

Genus *Mesoginella* Laseron, 1957

Mesoginella Laseron, 1957: 282

Deviginella Laseron, 1957: 283-284 (Type species: *Marginella brachia* Watson, 1886 = *Marginella (Glabella) brachia* Watson, 1886, OD)

Hianoginella Laseron, 1957: 288 (fossil, Type species: *Marginella physa* Cotton, 1949, OD)

Sinuginella Laseron, 1957: 282 (Type species: *Marginella inconspicua* Sowerby, 1846, OD)

Spiroginella Laseron, 1957: 283 (Type species: *Marginella leia* Cotton, 1944 = *Marginella turbinata* Sowerby, 1846, OD)

Urniginella Laseron, 1957: 287 (fossil, Type species: *Marginella cassidiformis* Tate, 1878, OD)

Type species: *Marginella turbinata* Sowerby, 1846, OD

Genus *Closia*, Gray 1857

Closia, Gray 1857: 36

Type species: *Closia sarda* (Kiener, 1834) = *Marginella sarda* Kiener, 1834, M

Genus *Ovaginella* Laseron, 1957

Ovaginella Laseron, 1957: 280

Type species: *Marginella ovulum* Sowerby, 1846, OD

Genus *Balanetta* Jousseume, 1875

Balanetta Jousseume, 1875: 168, 269

Type species: *Balanetta baylei* Jousseume, 1875, M

Tribe **Prunini** Coover & Coover, 1995

Genus *Volvarina* Hinds, 1844

Marginella sectio *Volvarina*, 1844: 75

Type species: *Marginella (Volvarina) nitida*, Hinds, 1844 = *Volvarina mitrella* (Risso, 1826); SD: Redfield, 1870:221.

Genus *Prunum* Herrmannsen, 1852

Prunum Herrmannsen, 1852: 113

Volutella subg. *Microspira* Conrad, 1868:66 (fossil, Type species: *Volutella (Microspira) oviformis* Conrad, 1868, M)

Egouena Jousseume, 1875: 167, 192 (Type species: *Egouena egouen* Jousseume, 1875 = *Marginella amygdala* Kiener, 1841; SD)

Porcellanella Tryon, 1882: 16, non White in MacGilvray, 1852 (Type species: *Prunum bella* Conrad, 1868)

Porcellanella Conrad, 1863: 564, *nomen nudum*

Marginella subg. *Volvarina*, section *Leptegouana* Woodring, 1928: 237-238 (Type species: *Voluta guttata* Dilwyn, 1817, OD)

Type species: *Voluta prunum* Gmelin, 1791; M

Genus *Bullata* Jousseume, 1875

Bullata Jousseume, 1875: 167, 250

Marginella subg. *Volutella* Swainson, 1830: 2 (1) "*Marginella*" pl.1 (Type species: *Voluta bullata* Born, 1778, DS: Coover & Coover, 1995)

Gibberulina Monterosato, 1884: 139 (invalid emendation)

Type species: *Bullata bullata* (Born, 1778) = *Voluta bullata* Born, 1778, T

Genus *Rivomarginella* Brandt, 1968

Rivomarginella Brandt, 1968: 275

Type species: *Rivomarginella morrisoni* Brandt, 1968, OD

Genus *Cryptospira* Hinds, 1844

Marginella sectio *Cryptospira* Hinds, 1844: 76

Type species: *Marginella (Cryptospira) tricincta*, Hinds, 1844, SD: Gray, 1847: 142

Genus *Hyalina* Schumacher 1817

Hyalina Schumacher 1817: 234

Marginella subg. *Volvarina* sectio *Neovolvaria* Fischer, 1883: 602 (Type species: *Marginella pallida* (Linnaeus, 1767) = *Bulla pallida* Linnaeus, 1758)

Type species: *Hyalina pellucida* Schumacher, 1817 = *Bulla pallida* Linnaeus, 1758

Tribe **Marginellini** Fleming, 1828

Genus *Stazzania* Sacco, 1890 (fossil)

Marginella subg. *Stazzania* Sacco 1890: 138

Type species: *Marginella (Stazzania) emarginata* Sismonda, 1847 = *Marginella emarginata* Sismonda, 1847

Genus *Dentimargo* Cossmann, 1899

Marginella subg. *Marginella* sectio *Dentimargo* Cossmann, 1899: 90

Volvarinella Habe, 1951: 101-102 (Type species: *Volvarinella makiyamai* Habe, 1951, OD)

Marginella subg. *Eburnospira* Olsson & Harbison, 1953: 201-202 (Type species *Marginella eburneola* Conrad, 1834, fossil, OD)

Type species: *Marginella dentifera* Lamack, 1803, OD

Genus *Eratoidea* Weinkauff, 1879

Marginella sectio *Marginella* group *Eratoidea* Weinkauff, 1879: 140

Type species: *Marginella margarita* Kiener, 1834, SD: Cossmann, 1899: 87

Genus *Simplicoglobella* Sacco, 1890 (fossil)

Marginella subg. *Glabella* sectio *Simplicoglobella*, Sacco 1890b: 21

Type species: *Marginella (Glabella) taurinensis* Michelotti, 1847 (fossil, SD, Eames, 1952: 119)

Genus *Marginella* Lamarck, 1799

Marginella Lamarck, 1799: 70

Cucumis Deshayes, 1830: 34

Porcellana Gray, 1847: 142 (non Lamarck, 1801) [Type species *Marginella glabella* (Linné, 1758), OD]

Pseudomarginella Maltzan, 1880: 108 in pars {Type species *Pseudomarginella adansoni*, Maltzan, 1880 [= in pars *Marginella glabella* (Linné, 1758), M]}

Type species: *Voluta glabella* Linnaeus, 1758, M

Genus *Glabella* Swainson, 1840

Glabella Swainson, 1840: 133, 324

Marginella sectio *Phaenospira* Hinds, 1844:72 [Type species: *Marginella noduta* Hinds, 1844 (sic.) = *Marginella nodata* Hinds, 1844; SD Gray, 1847]

Marginella (Marginella) sectio Faba Fischer, 1883:602 [Type species: *Marginella faba* (Linnaeus, 1758), M]

Type species: *Voluta faba* Linnaeus, 1758, SD Gray, 1847: 142

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