

Contribution to the knowlegde of the benthic molluscan thanatocoenosis of Zannone Island (Pontine Archipelago, Latium, Italy)

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ABSTRACT

During the period May 2008-September 2012 were investigated some sediment samples collected by scuba diving at various depths in the waters surrounding the Island of Zannone (Pontine Archipelago, Latium, Italy). Altogether 280 taxa belonging to 156 genera were identified.

KEY WORDS

Mollusca; thanatocoenosis; Zannone Island; Italy.

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INTRODUCTION

This study originates from the collaboration of many malacologists, professional and otherwise, who have joined a project for the study of marine Mollusca of the Island of Zannone. The project has been realized on proposal of “Museo Civico del Mare e della Costa” in Sabaudia with funding from the “Regione Lazio”. The idea of studying the marine Mollusca of Zannone was pondered on occasion of an excursion organized at the conclusion of the "Second Malacological Pontine Meeting" held in Sabaudia on May 2008.

A quick analysis of some sediment samples taken during scuba diving carried out by some participants revealed a malacofauna relatively rich so much to suggest a project for a more comprehensive and careful study. The result was the creation of a working group organized and coordinated by some members of MALAKOS 2002 (Associazione Malacologica Naturalistica Pontina), who, thanks to the funds received, have been able to carry out several samplings of bottom sediments and then

distribute the collected material to all the research participants.

The broad involvement of many malacologists, professional and otherwise, who collaborated in this research, even if preliminary, is the first concerning an island in the Pontine Archipelago and this makes us hope in the possibility of achieving further malacological studies on the coasts, the lakes and island of the Pontine region.

The writer of this work even participating actively in the organization of the research has merely reorganized what elaborated by all the participants, listed below in alphabetic order: Silvia Alfinito (Sabaudia, Italy), Andrea Bassi (Ravenna, Italy), Enzo Campani (Livorno, Italy), Luigi Giannelli (Terracina, Italy), Saverio Monaco (Latina, Italy), Italo Nofroni (Rome, Italy), Marco Oliverio (Rome, Italy), Angela Pierullo (Rome, Italy), Ermanno Quaggiotto (Vicenza, Italy), Carlo Sbrana (Pisa, Italy), Peter Sossi (Mondovì, Italy), Piergiorgio Trillò (Rome, Italy); Daniele Trono (Copertino, Italy), Danilo Van (Rome, Italy), Angelo Vannozi (Rome, Italy).

MATERIAL AND METHODS

The Pontine Islands are an archipelago in the Tyrrhenian Sea off the west coast of Italy. The islands were collectively named after the largest island in the group, Ponza; the other islands in the archipelago are Palmarola, Zannone, Gavi, Ventotene and Santo Stefano.

Zannone is the most northern island of the archipelago. Uninhabited, since 1979 is part of the National Park of Circeo. It is a “green island”, covered with a typical Mediterranean maquis. The Island of Zannone has an area of approximately 106 ha and is located 6 miles from the Island of Ponza, on which it administratively depends. Altogether 8 grit samples were examined:

2008, May: 40°58'28" E; 13°09'49" N
-18 m, -20 m

2009, June: 40°57'55" E; 13°02'59" N
-20m, -26m, -50m

2011, October: 40°57'54" E; 13°03'10" N
-18m, -20 m

2012, September: 40°07'55" E; 13°02'46" N
-20 m

The nomenclature of the species has been updated according to WoRMS Editorial Board (2014).

RESULTS

The analysis of samples distributed to the research participants led to the identification of 280 taxa (Table 1).

| | Polyplacophora | Gastropoda | Bivalvia | Scaphopoda | Total |
|-----------------|----------------|------------|----------|------------|-------|
| Ordines | 1 | 9 | 10 | 1 | 21 |
| Familiae | 3 | 65 | 22 | 1 | 91 |
| Genera | 3 | 110 | 42 | 1 | 156 |
| Species | 5 | 221 | 53 | 1 | 280 |

Table 1. Diversity of the fauna of molluscs of Zannone Island (Pontine Archipelago, Latium, Italy).

Taxonomic list

Classis POLYPLACOPHORA Gray, 1821

Ordo CHITONIDA Thiele, 1909

Familia CHITONIDAE Rafinesque, 1815

Genus *Chiton* Linnaeus, 1758

Chiton (Rhyssoplax) corallinus Risso, 1826

Chiton (Rhyssoplax) olivaceus Spengler, 1797

Familia ISCHNOCHITONIDAE Dall, 1889

Genus *Ischnochiton* Gray, 1847

Ischnochiton (Ischnochiton) rissoi (Payraudeau, 1826)

Familia ACANTHOCHITONIDAE Pilsbry, 1893

Genus *Acanthochitona* Gray, 1821

Acanthochitona crinita (Pennant, 1777)

Acanthochitona fascicularis (Linnaeus, 1767)

Classis GASTROPODA Cuvier, 1797

Ordo PATELLOGASTROPODA Lindenberg, 1986

Familia PATELLIDAE Rafinesque, 1815

Genus *Patella* Linnaeus, 1758

Patella caerulea Linnaeus, 1758

Patella rustica Linnaeus, 1758

Patella ulyssiponensis Gmelin, 1791

Ordo VETIGASTROPODA Salvini-Plawen, 1980

Familia FISSURELLIDAE Fleming, 1822

Genus *Diodora* J.E. Gray, 1821

Diodora gibberula (Lamarck, 1822)

Diodora graeca (Linnaeus, 1758)

Genus *Emarginula* Lamarck, 1801

Emarginula adriatica O.G. da Costa, 1830

Emarginula huzardii Payraudeau, 1826

Emarginula octaviana Coen, 1939

Emarginula punctulum Piani, 1980

Emarginula tenera Locard, 1892

Familia SCISSURELLIDAE Gray, 1847

Genus *Scissurella* d'Orbigny, 1824
Scissurella costata d'Orbigny, 1824

Familia HALIOTIDAE Rafinesque, 1815

Genus *Haliotis* Linnaeus, 1758
Haliotis tuberculata lamellosa Lamarck, 1822
Haliotis tuberculata tuberculata Linnaeus, 1758

Familia TROCHIDAE Rafinesque, 1815

Genus *Clanculus* Monfort, 1810
Clanculus corallinus (Gmelin, 1791)
Clanculus cruciatus (Linnaeus, 1758)
Clanculus jussieui (Payraudeau, 1826)

Genus *Jujubinus* Monterosato, 1884
Jujubinus exasperatus (Pennant, 1777)
Jujubinus gravinae (Dautzenberg, 1881)
Jujubinus striatus (Linnaeus, 1758)

Genus *Gibbula* Risso, 1826
Gibbula ardens (Salis Marschlin, 1793)
Gibbula guttadauri (Philippi, 1836)
Gibbula rackeri (Payraudeau, 1826)
Gibbula turbinoides (Deshayes, 1835)
Gibbula umbilicaris (Linnaeus, 1758)
Gibbula varia (Linnaeus, 1758)

Familia CALLIOSTOMATIDAE Thiele, 1924

Genus *Calliostoma* Swainson, 1840
Calliostoma zizyphinum (Linnaeus, 1758)

Familia TURBINIDAE Rafinesque, 1815

Genus *Bolma* Risso, 1826
Bolma rugosa (Linnaeus, 1767)

Familia SKENEIDAE Clark, 1851

Genus *Skenea* Fleming, 1825
Skenea catenoides (Monterosato, 1877)

Genus *Dikoleps* Høisaeter, 1968
Dikoleps marianae Rubio, Dantart et Luque, 1998
Dikoleps templadoi Rubio, Dantart et Luque, 2004
Dikoleps umbilicostriata (Gagliani, 1987)

Genus *Skeneoides* Warén, 1992
Skeneoides exilissima (Philippi, 1844)



Fig. 1. Zannone Island (Pontine Archipelago, Latium, Italy).

Familia CHILODONTIDAE Wenz, 1938

Genus *Danilia* Brusina, 1865
Danilia tinei (Calcara, 1839)

Familia PHASIANELLIDAE Swainson, 1840

Genus *Tricolia* Risso, 1826
Tricolia pullus (Linnaeus, 1758)
Tricolia speciosa (von Mühlfeldt, 1824)
Tricolia tenuis (Michaud, 1829)

Familia COLLONIIDAE Cossmann, 1917

Genus *Homalopoma* Carpenter, 1864
Homalopoma sanguineum (Linnaeus, 1758)

Ordo NERITIMORPHA Golikov et Starobogatov, 1975

Familia NERITIDAE Rafinesque, 1815

Genus *Smaragdia* Issel, 1869
Smaragdia viridis (Linnaeus, 1758)

Ordo CAENOGASTROPODA Cox, 1960

Familia CERITHIIDAE Fleming, 1822

Genus *Cerithium* Bruguière, 1789
Cerithium lividulum Risso, 1826
Cerithium renovatum Monterosato, 1884
Cerithium vulgatum Bruguière, 1792

Genus *Bittium* Gray, 1847
Bittium latreillii (Payraudeau, 1826)

- Bittium reticulatum* (da Costa, 1778)
Bittium submammillatum (De Rayneval et Ponzi, 1854)
- Familia PLANAXIDAE Gray, 1850
- Genus *Fossarus* Philippi, 1841
Fossarus ambiguus (Linnaeus, 1758)
- Familia SILIQUARIIDAE Anton, 1838
- Genus *Tenagodus* Guettard, 1770
Tenagodus obtusus (Schumacher, 1817)
- Familia TURRITELLIDAE Lovén, 1847
- Genus *Turritella* Lamarck, 1799
Turritella communis Risso, 1826
Turritella turbona Monterosato, 1877
- Familia TRIPHORIDAE J.E. Gray, 1847
- Genus *Marshallora* Bouchet, 1985
Marshallora adversa (Montagu, 1803)
- Genus *Monophorus* Grillo, 1877
Monophorus perversus (Linnaeus, 1758)
- Genus *Metaxia* Monterosato, 1884
Metaxia metaxa (Delle Chiaje, 1828)
- Familia CERITHIOPSIDAE H. Adams et A. Adams, 1853
- Genus *Cerithiopsis* Forbes et Hanley, 1850
Cerithiopsis barleei Jeffreys, 1867
Cerithiopsis jeffreysi Watson, 1885
Cerithiopsis tubercularis (Montagu, 1803)
- Genus *Nanopsis* Cecalupo et Robba, 2010
Nanopsis nana (Jeffreys, 1867)
- Genus *Krachia* Baluk, 1975
Krachia cylindrata (Jeffreys, 1885)
- Familia EPITONIIDAE Berry, 1910
- Genus *Epitonium* Röding, 1798
Epitonium clathrus (Linnaeus, 1758)
- Familia EULIMIDAE Philippi, 1853
- Genus *Ersilia* Monterosato, 1872
Ersilia mediterranea (Monterosato, 1869)
- Genus *Parvioris* Warén, 1981
Parvioris ibizenca (Nordsieck, 1968)
- Genus *Sticteulima* Laseron, 1955
Sticteulima jeffreysiana (Brusina, 1869)
- Genus *Vitreolina* Monterosato, 1884
Vitreolina curva (Monterosato, 1874)
Vitreolina philippi (de Rayneval et Ponzi, 1854)
- Familia LITTORINIDAE Children, 1834
- Genus *Melarhaphe* Menke, 1828
Melarhaphe neritoides (Linnaeus, 1758)
- Familia CINGULOPSIDAE Fretter et Patil, 1958
- Genus *Eatonina* Thiele, 1912
Eatonina ochroleuca (Brusina, 1869)
Eatonina pumila (Monterosato, 1884)
- Genus *Tubbreva* Ponder, 1965
Tubbreva micrometrica (Aradas et Benoit, 1876)
- Familia RISSOIDAE J.E. Gray, 1847
- Genus *Rissoa* Desmarest, 1814
Rissoa auriscalpium (Linnaeus, 1758)
Rissoa guerinii Récluz, 1843
Rissoa lia (Monterosato, 1884)
Rissoa monodonta Philippi, 1836
Rissoa rodhensis Verduin, 1985
Rissoa scurra (Monterosato, 1917)
Rissoa similis Scacchi, 1836
Rissoa variabilis (von Mühlfeldt, 1824)
Rissoa ventricosa Desmarest, 1814
Rissoa violacea Desmarest, 1814
- Genus *Pusillina* Monterosato, 1884
Pusillina inconspicua (Alder, 1844)
Pusillina philippi (Aradas et Maggiore, 1844)
Pusillina radiata (Philippi, 1836)
- Genus *Setia* H. Adams et A. Adams, 1852
Setia ambigua (Brugnone, 1873)
Setia maculata (Monterosato, 1869)

- Genus *Alvania* Risso, 1826
Alvania cfr. *aeoliae* Palazzi, 1988
Alvania beanii (Hanley in Thorpe, 1844)
Alvania cimex (Linnaeus, 1758)
Alvania cancellata (da Costa, 1778)
Alvania clathrella (Seguenza, 1903)
Alvania claudioi Buzzurro et Landini, 2007
Alvania dictyophora (Philippi, 1844)
Alvania discors (Allan, 1818)
Alvania geryonia (Nardo, 1847)
Alvania hirta (Monterosato, 1844)
Alvania hispidula (Monterosato, 1844)
Alvania lineata Risso, 1826
Alvania lucinae Oberling, 1970
Alvania mamillata Risso, 1826
Alvania scabra (Philippi, 1844)
Alvania settepassii Amati et Nofroni, 1985
Alvania sororcula Granata-Grillo, 1877
Alvania subareolata Monterosato, 1869
Alvania subcrenulata (Bucquoy, Dautzenberg et Dollfus, 1884)
Alvania tenera (Philippi, 1844)
- Genus *Crisilla* Monterosato, 1917
Crisilla cfr. *aartseni* (Verduin, 1984)
Crisilla beniamina (Monterosato, 1884)
Crisilla marioni Fasulo et Gagliani, 1987
Crisilla semistriata (Montagu, 1808)
- Genus *Manzonina* Brusina, 1870
Manzonina crassa (Kanmacher, 1798)
- Genus *Obtusella* Cossmann, 1921
Obtusella intersecta (S.Wood, 1857)
- Genus *Onoba* H. Adams et A. Adams, 1852
Onoba dimassai Amati et Nofroni, 1991
- Genus *Peringiella* Monterosato, 1878
Peringiella elegans (Locard, 1892)
- Genus *Rissoina* d'Orbigny, 1840
Rissoina bruguieri (Payraudeau, 1826)
- Familia BARLEEIDAE J.F. Gray, 1857
- Genus *Barleeia* W.Clark, 1853
Barleeia unifasciata (Montagu, 1803)
- Familia CAECIDAE Gray, 1850
- Genus *Caecum* Fleming, 1813
Caecum auriculatum de Folin, 1868
Caecum clarkii Carpenter, 1859
Caecum subannulatum de Folin, 1870
Caecum trachea (Montagu, 1803)
- Familia HYDROBIIDAE Stimpson, 1865
- Genus *Hydrobia* Hartmann, 1821
Hydrobia acuta (Draparnaud, 1805)
- Familia TORNIDAE Sacco, 1896
- Genus *Tornus* Turton et Kingston, 1830
Tornus subcarinatus (Montagu, 1803)
- Familia TRUNCATELLIDAE J.E. Gray, 1840
- Genus *Truncatella* Risso, 1826
Truncatella subcylindrica (Linnaeus, 1767)
- Familia VERMETIDAE Rafinesque, 1815
- Genus *Petalococonchus* Lea, 1843
Petalococonchus glomeratus (Linnaeus, 1758)
- Genus *Vermetus* Daudin, 1800
Vermetus granulatus (Gravenhorst, 1831)
Vermetus rugulosus Monterosato, 1878
Vermetus triquetrus Bivona-Bernardi, 1832
- Familia APORRHAIIDAE J.E. Gray, 1850
- Genus *Aporrhais* da Costa, 1778
Aporrhais pespelecani (Linnaeus, 1758)
- Familia VANIKORIDAE J.E. Gray, 1840
- Genus *Megalomphalus* Brusina, 1871
Megalomphalus azonus (Brusina, 1865)
Megalomphalus disciformis (Granata-Grillo, 1877)
- Familia CALYPTRAEIDAE Lamarck, 1809
- Genus *Crepidula* Lamarck, 1799
Crepidula unguiformis Lamarck, 1822
- Genus *Calyptraea* Lamarck, 1799
Calyptraea chinensis (Linnaeus, 1758)

- Familia VELUTINIDAE J.E. Gray, 1840
- Genus *Lamellaria* Montagu, 1815
Lamellaria perspicua (Linnaeus, 1758)
- Familia CYPRAEIDAE Rafinesque, 1815
- Genus *Luria* Jousseau, 1884
Luria lurida (Linnaeus, 1758)
- Familia NATICIDAE Guilding, 1834
- Genus *Euspira* Agassiz in Sowerby, 1837
Euspira nitida (Donovan, 1804)
- Genus *Notocochlis* Powell, 1933
Notocochlis dillwynii (Payraudeau, 1826)
- Familia ATLANTIDAE Rang, 1829
- Genus *Atlanta* Lesueur, 1817
Atlanta brunnea J.E.Gray,1850
Atlanta peronii Lesueur, 1817
- Familia MURICIDAE Rafinesque, 1815
- Genus *Bolinus* Pusch, 1837
Bolinus brandaris (Linnaeus, 1758)
- Genus *Hexaplex* Perry,1810
Hexaplex trunculus (Linnaeus, 1758)
- Genus *Ocinebrina* Jousseau, 1880
Ocinebrina aciculata (Lamarck, 1822)
Ocinebrina edwardsii (Payraudeau, 1826)
Ocinebrina reinai Bonomolo et Crocetta, 2012
- Genus *Muricopsis* Bucquoy et Dautzenberg, 1882
Muricopsis cristata (Brocchi, 1814)
- Genus *Coralliophila* H. Adams et A. Adams., 1853
Coralliophila meyendorffii (Calcara, 1845)
- Familia MARGINELLIDAE Fleming, 1828
- Genus *Granulina* Jousseau, 1888
Granulina boucheti Gofas, 1992
Granulina mediterranea Landau, La Perna et Marquet, 2006
Granulina marginata (Bivona, 1832)
Granulina occulta (Monterosato, 1869)
- Genus *Volvarina* Hinds, 1844
Volvarina mitrella (Risso, 1826)
- Familia CYSTISCIDAE Stimpson, 1865
- Genus *Gibberula* Swainson, 1840
Gibberula miliaria (Linnaeus, 1758)
Gibberula philippii (Monterosato, 1878)
Gibberula turgidula (Locard et Caziot, 1900)
- Familia MITRIDAE Swainson, 1829
- Genus *Mitra* Lamarck, 1798
Mitra cornicula (Linnaeus, 1758)
- Familia COSTELLARIIDAE Mac Donald, 1860
- Genus *Vexillum* Röding, 1798
Vexillum ebenus (Lamarck, 1811)
Vexillum savignyi (Payraudeau, 1826)
Vexillum tricolor (Gmelin, 1791)
- Familia BUCCINIDAE Rafinesque, 1815
- Genus *Euthria* Gray, 1850
Euthria cornea (Linnaeus, 1758)
- Genus *Chauvetia* Monterosato, 1884
Chauvetia mamillata (Risso, 1826)
Chauvetia procerula (Monterosato, 1889)
Chauvetia turritellata (Deshayes, 1835)
Chauvetia sp.
- Genus *Pisania* Bivona-Bernardi, 1832
Pisania striata (Gmelin, 1791)
- Genus *Pollia* J.E. Gray, 1834
Pollia dorbignyi (Payraudeau, 1826)
Pollia scabra Locard, 1892
Pollia scacchiana (Philippi, 1844)
- Familia NASSARIIDAE Iredale, 1916
- Genus *Nassarius* Duméril, 1805
Nassarius nitidus Jeffreys, 1867
- Genus *Ciclope* Risso, 1826
Ciclope neritea (Linnaeus, 1758)
- Familia COLUMBELLIDAE Swainson, 1840

- Genus *Columbella* Lamarck, 1799
Columbella rustica (Linnaeus, 1758)
- Familia FASCIOLARIIDAE J.E. Gray, 1853
- Genus *Fusinus* Rafinesque, 1815
Fusinus pulchellus (Philippi, 1844)
Fusinus syracusanus (Linnaeus, 1758)
- Familia CONIDAE Fleming, 1822
- Genus *Conus* Linnaeus, 1758
Conus ventricosus Gmelin, 1791
- Familia HORAICLAVIDAE Bouchet, Kantor, Sysoev et Puillandre, 2011
- Genus *Haedropleura* Bucquoy, Dautzenberg et Dollfus, 1883
Haedropleura secalina (Philippi, 1844)
- Familia CLATHURELLIDAE H. Adams et A. Adams, 1858
- Genus *Clathromangelia* Monterosato, 1844
Clathromangelia granum (Philippi, 1844)
- Familia MITROMORPHIDAE Casey, 1904
- Genus *Mitromorpha* Carpenter, 1865
Mitromorpha mediterranea Milfsud, 2001
Mitromorpha melitensis (Milfsud, 1993)
- Familia MANGELIIDAE P. Fischer, 1883
- Genus *Bela* J.E. Gray, 1847
Bela menkhorsti van Aartsen, 1988
- Genus *Mangelia* Risso, 1826
Mangelia multilineolata (Deshayes, 1835)
Mangelia striolata Risso, 1826
Mangelia taeniata (Deshayes, 1835)
Mangelia unifasciata (Deshayes, 1835)
- Familia RAPHITOMIDAE Bellardi, 1875
- Genus *Raphitoma* Bellardi, 1847
Raphitoma densa (Monterosato, 1884)
Raphitoma echinata (Brocchi, 1814)
Raphitoma horrida (Monterosato, 1884)
Raphitoma leufroyi (Micaud, 1828)
- Raphitoma linearis* (Montagu, 1803)
Raphitoma pseudohystrix (Sykes, 1906)
Raphitoma purpurea (Montagu, 1803)
- Ordo HETEROSTROPHA P. Fischer, 1885
- Familia OMALOGYRIDAE G.O. Sars, 1878
- Genus *Omalogyra* Jeffreys, 1859
Omalogyra simplex O.G. Costa, 1861
- Familia CORNIROSTRIDAE Ponder, 1990
- Genus *Tomura* Pilsbry et MacGinty, 1946
Tomura depressa (Granata-Grillo, 1877)
- Familia RISSOELLIDAE Gray, 1850
- Genus *Rissoella* Gray, 1847
Rissoella inflata (Monterosato, 1880)
Rissoella opalina (Jeffreys, 1848)
- Familia PYRAMIDELLIDAE Gray, 1840
- Genus *Chrysallida* Carpenter, 1856
Chrysallida emaciata (Brusina, 1866)
Chrysallida excavata (Philippi, 1836)
Chrysallida intermixta (Monterosato, 1884)
Chrysallida interstincta (J. Adams, 1797)
Chrysallida moolenbeeki Amati, 1987
Chrysallida penchynati (Bucquoy, Dautzenberg et Dollfus, 1883)
- Genus *Odostomella* Bucquoy, Dautzenberg et Dollfus, 1883
Odostomella doliolum (Philippi, 1844)
- Genus *Euparthenia* Thiele, 1931
Euparthenia humboldti (Risso, 1826)
- Genus *Eulimella* Forbes et M'Andrew, 1846
Eulimella acicula (Philippi, 1836)
- Genus *Megastomia* Monterosato, 1884
Megastomia conoidea (Brocchi, 1814)
- Genus *Odostomia* Fleming, 1813
Odostomia carrozai Van Aartsen, 1987
Odostomia eulimoides Hanley, 1844
Odostomia lukisii Jeffreys, 1859
Odostomia scalaris Mac Gillivray, 1843

- Odostomia turrita* Hanley, 1844
Odostomia unidentata (Montagu, 1803)
- Genus *Ondina* De Folin, 1870
Ondina vitrea (Brusina, 1866)
- Genus *Parthenina* Bucquoy, Dautzenberg et Dollfus, 1883
Parthenina dollfusi Kobelt, 1903
- Genus *Turbonilla* Risso, 1826
Turbonilla pumila Seguenza G., 1876
Turbonilla striatula (Linnaeus, 1758)
- Familia AMATHINIDAE Ponder, 1987
- Genus *Clathrella* Récluz, 1864
Clathrella clathrata (Philippi, 1844)
- Familia MURCHISONELLIDAE Casey, 1904
- Genus *Ebala* Gray, 1847
Ebala nitidissima (Montagu, 1803)
- Ordo CEPHALAPSIDEA Fischer, 1883
- Familia HAMINOEIDAE Pilsbry, 1895
- Genus *Haminoea* Turton et Kingston in Carrington, 1830
Haminoea hydatis (Linnaeus, 1758)
- Genus *Weinkauffia* Monterosato, 1884
Weinkauffia turgidula (Forbes, 1884)
- Familia RETUSIDAE Thiele, 1925
- Genus *Retusa* T. Brown, 1827
Retusa mammillata (Philippi, 1836)
Retusa truncatula (Bruguière, 1792)
Retusa umbilicata (Montagu, 1803)
- Ordo THECOSOMATA de Blainville, 1824
- Familia CAVOLINIIDAE Gray, 1850
- Genus *Cavolinia* Abildgaard, 1791
Cavolinia inflexa (Lesueur, 1813)
- Familia CLIIDAE Jeffreys, 1869
- Genus *Clio* Linnaeus, 1767
Clio pyramidata Linnaeus, 1767
- Familia CRESEIDAE Rampal, 1973
- Genus *Creseis* Rang, 1828
Creseis clava (Rang, 1828)
- Genus *Styliola* Gray, 1847
Styliola subula (Quoy et Gaimard, 1827)
- Ordo UMBRACULIDA Dall, 1899
- Familia TYLODINIDAE Gray, 1847
- Genus *Tyrodina* Rafinesque, 1814
Tyrodina perversa (Gmelin, 1791)
- Ordo PULMONATA Cuvier, 1817
- Familia SIPHONARIIDAE Gray, 1827
- Genus *Williamia* Monterosato, 1844
Williamia gussonii (O.G. Costa, 1829)
- Familia TRIMUSCULIDAE J.Q. Burch, 1945
- Genus *Trimusculus* F.C. Schmidt, 1818
Trimusculus mammilaris (Linnaeus, 1758)
- Classis BIVALVIA Linnaeus, 1758
- Ordo SOLEMYOIDA Dall, 1889
- Familia NUCULIDAE Gray, 1824
- Genus *Austronucula* Powell, 1939
Austronucula perminima (Monterosato, 1875)
- Ordo ARCOIDA Stoliczka, 1871
- Familia ARCIDAE Lamarck, 1809
- Genus *Arca* Linnaeus, 1758
Arca noae Linnaeus, 1758
Arca tertragona Poli, 1795
- Genus *Asperarca* Sacco, 1898
Asperarca nodulosa (O.F. Müller, 1776)
Asperarca secreta La Perna, 1998

- Genus *Barbatia* Gray, 1842
Barbatia barbata (Linnaeus, 1758)
- Familia NOETIIDAE Steward, 1930
- Genus *Striarca* Conrad, 1862
Striarca lactea (Linnaeus, 1758)
- Ordo MYTILOIDA Férussac, 1822
- Familia MYTILIDAE Rafinesque, 1815
- Genus *Mytilus* Linnaeus, 1758
Mytilus galloprovincialis Lamarck, 1819
- Genus *Crenella* T.Brown, 1827
Crenella arenaria Monterosato, 1875 ex H. Martin, ms.
- Genus *Gregariella* Monterosato, 1884
Gregariella semigranata (Reeve, 1858)
- Genus *Musculus* Röding, 1798
Musculus costulatus (Risso, 1826)
Musculus discors (Linnaeus, 1767)
- Genus *Lithophaga* Röding, 1798
Lithophaga lithophaga (Linnaeus, 1758)
- Genus *Modiolus* Lamarck, 1799
Modiolus barbatus (Linnaeus, 1758)
- Genus *Modiolula* Sacco, 1897
Modiolula phaseolina (Philippi, 1844)
- Genus *Rhomboidella* Monterosato, 1884
Rhomboidella prideauxi (Leach, 1815)
- Ordo PECTINOIDA Gray, 1854
- Familia PECTINIDAE Rafinesque, 1815
- Genus *Talochlamys* Iredale, 1935
Talochlamys multistriata (Poli, 1795)
- Genus *Flexopecten* Sacco, 1897
Flexopecten flexuosus (Poli, 1795)
Flexopecten hyalinus (Poli, 1795)
- Familia PROPEAMUSSIIDAE Abbot, 1954
- Genus *Cyclopecten* A.E.Verrill, 1897
Cyclopecten brundisiensis Smriglio et Mariottini, 1990
- Familia SPONDYLIDAE Gray, 1826
- Genus *Spondylus* Linnaeus, 1758
Spondylus gaederopus Linnaeus, 1758
- Ordo LIMOIDA Moore, 1952
- Familia LIMIDAE Rafinesque, 1815
- Genus *Lima* Bruguière, 1797
Lima lima (Linnaeus, 1758)
- Genus *Limaria* Link, 1807
Limaria hians (Gmelin, 1791)
Limaria tuberculata (Olivi, 1792)
- Genus *Limatula* S.V. Wood, 1839
Limatula subauriculata Habe, 1958
Limatula subovata (Monterosato, 1875)
- Ordo LUCINOIDA Gray, 1854
- Familia LUCINIDAE Fleming, 1828
- Genus *Ctena* Mörch, 1860
Ctena decussata (O.G. Costa, 1829)
- Genus *Lucinella* Monterosato, 1884
Lucinella divaricata (Linnaeus, 1758)
- Ordo VENEROIDA Gray, 1854
- Familia CHAMIDAE Lamarck, 1809
- Genus *Chama* Linnaeus, 1758
Chama gryphoides Linnaeus, 1758
- Genus *Pseudochama* Odhner, 1917
Pseudochama griphina (Lamarck, 1819)
- Familia LASAEIDAE Gray, 1842
- Genus *Lasaea* Brown, 1827
Lasaea adansonii (Gmelin, 1791)
- Familia NEOLEPTONIDAE Thiele, 1934

- Genus *Neolepton* Monterosato, 1875
Neolepton sulcatulum (Jeffreys, 1859)
- Familia CARDIIDAE Lamarck, 1809
- Genus *Parvicardium* Monterosato, 1884
Parvicardium exiguum (Gmelin, 1791)
Parvicardium scriptum (Bucquoy, Dautzenberg et Dollfus, 1892)
- Genus *Papillicardium* Sacco, 1899
Papillicardium papillosum (Poli, 1791)
- Familia TELLINIDAE Blainville, 1814
- Genus *Moerella* (Linnaeus, 1758)
Moerella donacina (Linnaeus, 1758)
Moerella pygmaea (Lovén, 1846)
- Familia TRAPEZIDAE Lamy, 1920
- Genus *Coralliophaga* Blainville, 1824
Coralliophaga lithophagella (Lamarck, 1819)
- Familia VENERIDAE Rafinesque, 1815
- Genus *Venus* Linnaeus, 1758
Venus casina Linnaeus, 1758
Venus verrucosa Linnaeus, 1758
- Genus *Timoclea* T. Brown, 1827
Timoclea ovata (Pennant, 1777)
- Genus *Gouldia* C.B. Adams, 1847
Gouldia minima (Montagu, 1803)
- Genus *Irus* F.C. Schmidt, 1818
Irus irus (Linnaeus, 1758)
- Ordo CARDITOIDA Dall, 1889
- Familia CARDITIDAE Férussac, 1822
- Genus *Cardita* Bruguière, 1792
Cardita calyculata (Linnaeus, 1758)
- Genus *Glans* Megerle von Mühlfeldt, 1811
Glans trapezia (Linnaeus, 1767)
- Genus *Centrocardita* Sacco, 1899
Centrocardita aculeata (Poli, 1795)
- Familia ASTARTIDAE d'Orbigny, 1844
- Genus *Astarte* J.C. Sowerby, 1816
Astarte fusca (Poli, 1791)
- Ordo MYOIDA Stoliczka, 1870
- Familia MYIDAE Lamarck, 1809
- Genus *Sphenia* Turton, 1822
Sphenia binghami Turton, 1822
- Familia HIATELLIDAE Gray, 1824
- Genus *Hiatella* Bosc, 1801
Hiatella arctica (Linnaeus, 1767)
Hiatella rugosa (Linnaeus, 1767)
- Ordo ANOMALODESMATA Dall, 1889
- Familia THRACIIDAE Stoliczka, 1870
- Genus *Thracia* Blainville, 1824
Thracia distorta (Montagu, 1803)
Thracia villosiuscula (Mac Gillivray, 1827)
- Familia LYONSIIDAE P. Fischer, 1887
- Genus *Lyonsia* Turton, 1822
Lyonsia norwegica (Gmelin, 1791)
- Classis SCAPHOPODA Bronn, 1862
- Ordo DENTALIIDAE da Costa, 1776
- Familia GADILINIDAE Chistikov, 1975
- Genus *Episiphon* Pilsbry et Sharp, 1897
Episiphon filum (G.B. Sowerby II, 1860)

REFERENCES

WoRMS Editorial Board, 2014. World Register of Marine Species. Available from <http://www.marinespecies.org> at VLIZ. Accessed 2014-03-12.