



**FORMER INVESTIGATIONS OF THE FAUNA OF SNAILS (MOLLUSCA,  
GASTROPODA) IN BOSNIA & HERZEGOVINA**

**Božana J. KARAMAN<sup>1</sup>**

**S y n o p s i s**

The short history of investigations of freshwater and land gastropods (Mollusca, Gastropoda) from Bosnia & Herzegovina are presented. The list of known taxa of this group of animals (331 species and subspecies, belonging to 134 genera and 47 families, respectively, from this region are given.

**Key words:** snails, Mollusca, Gastropoda, taxonomy, Bosnia & Herzegovina

**S i n o p s i s**

**DOSADAŠNJA ISTRAŽIVANJA FAUNE PUŽEVA (MOLLUSCA, GASTROPODA) BOSNE  
I HERCEGOVINE**

Prezentiran je kratak pregled dosadašnjih istraživanja faune slatkovodnih i kopnenih puževa Bosne i Hercegovine. Dat je pregled do sada poznatih taksona ove grupe životinja (330 vrsta i podvrsta iz 134 radova odnosno 47 familija, sa teritorije Bosne & Hercegovine.

**Ključne riječi:** puževi, Mollusca, Gastropoda, taksonomija, Bosna i Hercegovina

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<sup>1</sup> Natural History Museum of Montenegro, Podgorica, Crna Gora (Montenegro), karaman@cg.yu

## INTRODUCTION

The specific geographical position, relief, climate, geomorphology and geological history of Bosnia & Herzegovina (mentioned in present borders) made it possible to develop one very rich fauna of land and freshwater gastropods (*Mollusca*, *Gastropoda*) in this part of Balkan peninsula.

The first data about the snails from Bosnia & Herzegovina belongs to the second half of 19th century (Boettger, 1885, 1888; Brancsik, 1888, 1889; Pfeiffer, 1868), when the Museum „Zemaljski muzej Bosne i Hercegovine“ has been established in Sarajevo, including its Department of the Natural History. Many known scientists have worked in this Department; one of them was VIKTOR A P F E L B E C K (1859-1934), biologist from Sarajevo, the great entomologist and collector of various biological materials. He has engaged numerous collaborators amateurs of different professions to collect various biological material over Bosnia & Herzegovina for him, according his very detailed instructions (F. Wagner, A. Hensch, A. Penthner, Paganeti, Mustajbeg Kurbegović, Dobias, etc.). The Gastropods, collected on this way, he sent to known European malacologists for determination and study. By this way, it was created in this Museum one very rich collection of land and freshwater Gastropods from Bosnia & Herzegovina and other regions of Balkan.

Later, other numerous investigations of this group of animals have been realized in the 20th century also (Bole, 1961; Kušćer, 1933; Pinter, 1972; Nordsieck, 1969, 1970, 1971, 1974; Radoman, 1967, 1973, 1974, 1975, 1983; Schütt, 1959, Wagner, 1901, 1907, 1912, 1913, 1914; Wiktor, 1987, Etc.).

The numerous taxa of Gastropoda, new for the science, have been discovered and described from the area of Bosnia & Herzegovina, among them also:

*Agardhiella formosa* (L. Pfeiffer, 1848); *Balea biplicata bosnina* Brancsik, 1889; *Bythinella kapelana* Radoman, 1976; *Bythinella magna* Radoman, 1976; *Bythinella samecana* Clessin, 1911; *Caecilioides spelaea* A. J. Wagner, 1914; *Chilostoma pouzolzi bosniensis* (Kobelt, 1871); *Chilostoma moellendorffi* (Kobelt, 1871); *Chondrina spelta anodon* Nordsieck, 1970; *Chondrina spelta bosnica* Nordsieck, 1970; *Chondrina spelta sutjeskae* Nordsieck, 1970; *Cochlostoma septemspirale bosniacum* (Boettger, 1885); *Cochlostoma gracile gracillima* (Wagner, 1901); *Cochlostoma roseoli* (A. J. Wagner, 1901); *Cochlostoma mostarensis* (A. J. Wagner, 1906); *Delima giselae* A. J. Wagner, 1914; *Delima binotata hercegovinae* (Möllendorff, 1873); *Delima semirugata blau* Möllendorff, 1883; *Helicodonta obvoluta* (O. F. Müller, 1774); *Graziana vrbasensis* Radoman, 1975; *Herilla bosniensis bosniensis* (L. Pfeifer, 1868); *Herilla bosniensis brancsiki* Nordsieck, 1971; *Herilla bosniensis brandisi* (Brancsik, 1888); *Herilla durmitoris pseudalopia* (A. J. Wagner, 1913); *Herilla illyrica medoroides* (A. J. Wagner, 1913); *Herilla pavlovici hiltrudae* Nordsieck, 1971; *Herilla pavlovici pavlovici* (A. J. Wagner, 1914); *Herilla pavlovici trescavicensis* (A. J. Wagner, 1913); *Herilla zieglerei ljubnicensis* (A. J. Wagner, 1913); *Herilla zieglerei neglecta* (Brancsik, 1888); *Herilla zieglerei perfecta* (A. J. Wagner, 1913); *Herilla zieglerei zabuljensis* (A. J. Wagner, 1912); *Herilla zieglerei zieglerei* (Küster, 1847); *Iglica absoloni* (A. J. Wagner, 1914); *Islamia valvataeformis* (Möllendorff, 1873); *Islamia bosniaca* Radoman, 1973; *Lanzaia vjetrenicae* Kušćer, 1933; *Limax bielzi* Scibert, 1873; *Medora albescens livnoensis* Nordsieck, 1970; *Medora albescens troglavensis* (A. J. Wagner, 1912); *Medora albescens unae* Nordsieck, 1974; *Medora dalmatina latecostata* Nordsieck, 1970; *Medora dalmatina matulici* (Sturany, 1901);

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*Medora dalmatina schuetti* Nordsieck, 1970; *Medora dalmatina vultur* (Brancsik, 1906); *Narentiana vjeternicae* Radoman, 1973; *Orientalina curta mostarensis* Radoman, 1973; *Orientalina curta pivensis* (Radoman, 1973); *Orientalina bosniaca* Radoman, 1973; *Oxychilus absoloni* (A. J. Wagner, 1914); *Oxychilus nautiliformis* (A. J. Wagner, 1914); *Paladilhiopsis brandisi* (Clessin, 1911); *Paraegopis mauritii mauritii* (Westerlund, 1886); *Petasina filicina bosnensis* (Möllendorff, 1873); *Plagigeyeria mostarensis* (Kušcer, 1933); *Plagigeyeria plagiostoma* (A. J. Wagner, 1914); *Pseudamnicola troglobia* Bole, 1961; *Sarajana apfelbecki apfelbecki* (Brancsik, 1888); *Sarajana apfelbecki driniana* Radoman, 1975; *Sarajana apfelbecki erythropama* (Schütt, 1959); *Sarajana apfelbecki travnicensis* Radoman, 1975; *Tandonia bosnensis* Wiktor, 1986; *Vitrea illyrica* (A. J. Wagner, 1907); *Vitrea kiliasi* Pinter, 1972; *Vitraea spelaea* (A. J. Wagner, 1914); *Vitrea sturanyi* (A. J. Wagner, 1907); *Vinodolia hadouphylax* Schütt, 1959; *Zospeum troglobalcanicum* (Absolon, 1916).

**LIST OF TAXA OF BOSNIA & HERZEGOVINA**

**Class GASTROPODA**  
**Order ARCHITAENIOGLOSSA**  
**Superfamily AMPULARIOIDEA**

**Family VIVIPARIDAE**

**Genus VIVIPARUS Montfort, 1810**  
*Viviparus contectus* (Millet, 1813)  
*Viviparus viviparus* (Linnaeus, 1758)

**Superfamily CYCLOPHOROIDEA**  
**Family ACICULIDAE Woodward, 154**  
**Genus PLATYLA Moquin-Tandon, 1856**  
*Platyla banatica* (Rossmässler, 1842)  
*Platyla gracilis* (Clessin, 1877)  
*Platyla perpusila* (Reinhardt, 1880)  
*Platyla polita* (Hartmann, 1840)  
*Platyla wilhelmi* (A. J. Wagner, 1910)  
**Genus RENEVA Nevill, 1880**  
*Renea spectabilis* (Rossmässler, 1839)

**Family COCHLOSTOMATIDAE Kobelt, 1902**

**Genus COCHLOSTOMA Jan, 1830**  
**Subgenus COCHLOSTOMA Jan, 1830**  
*Cochlostoma (Cochlostoma) septemspirale bosniacum* (O. Boettger, 1885)  
*Cochlostoma (Cochlostoma) cinerascens* (Rossmässler, 1837)  
*Cochlostoma (Cochlostoma) elegans oostoma* (Westerlund, 1883)  
*Cochlostoma (Cochlostoma) elegans imoschiense* (A. J. Wagner, 1906)  
*Cochlostoma (Cochlostoma) mostarensis* (A. J. Wagner, 1906)

*Cochlostoma (Cochlostoma) scalarinum* (Villa & Villa, 1841)

**Subgenus HOLCOPOMA Kobelt & Möllendorff, 1899**

*Cochlostoma (Holcopoma) roseoli* (A. J. Wagner, 1901)

**Subgenus TURRITUS Westerlund, 1883**

*Cochlostoma (Turritus) dalmatinum* (Pfeiffer, 1862)  
*Cochlostoma (Turritus) gracile gracile* (Pfeiffer, 1849)  
*Cochlostoma (Turritus) gracile croaticum* Pfeiffer, 1871  
*Cochlostoma (Turritus) gracile gracillima* (A. J. Wagner, 1901)  
*Cochlostoma (Turritus) gracile martensianum* (Möllendorff, 1873)  
*Cochlostoma (Turritus) sturanii scalariniforme* (A. J. Wagner, 1906)  
*Cochlostoma (Turritus) sturanii sturanii* A. J. Wagner, 1897

**Order NEOTAENIOGLOSSA**  
**Superfamily CERITHOIDEA**

**Family MELANOPSIDAE**

**Genus FAGOTIA Bourguignat, 1877**  
**Subgenus FAGOTIA Bourguignat, 1877**  
*Fagotia (Fagotia) esperi* (Férussac, 1823)

**Superfamily LITTORINOIDEA**

**Family POMATIASIDAE**

**Genus POMATIAS Studer, 1789**  
*Pomatias elegans* (O. F. Müller, 1774)  
*Pomatias rivulare* (Eichwald, 1829)

**Superfamily RISSOOIDEA****Family BITHYNIIDAE****Genus BITHYNIA Leach, 1818****Subgenus BITHYNIA Leach, 1818***Bithynia (Bithynia) tentaculata* (Linnaeus, 1758)*Bythinia (Bithynia) mostarensis* Möllendorff, 1873**Subgenus CODIELLA Locard, 1894***Bithynia (Codiella) leachi* (Scheppard, 1823)**Family EMMERICIIDAE****Genus EMMERICIA Brusina, 1870***Emmericia narentana* Bourguignat, 1880*Emmericia patula* (Brumati, 1838)*Emmericia ventricosa* Brusina, 1870**Family HYDROBIIDAE****Genus ADRIOHYDROBIA Radoman, 1973***Adriohydrobia gagatinella* (Küster, 1852)**Genus BELGRANDIELLA A. J. Wagner, 1928***Belgrandiella saxatilis* (Reynies, 1844)*Belgrandiella substricta* (Kuščer, 1932)**Genus BYTHINELLA Moquin-Tandon, 1855***Bythinella kapelana* Radoman, 1976*Bythinella magna* Radoman, 1976*Bythinella samecana* Clessin, 1911*Bythinella opaca opaca* (M. v. Galenstein, 1848)**Genus CILGIA Schütt, 1968***Cilgia dalmatica* (Schütt, 1961)**Genus GRAZIANA Radoman, 1975***Graziana lacheineri glinensis* Radoman, 1975*Graziana lacheineri lacheineri* (Küster, 1853)*Graziana vrbasensis* Radoman, 1975**Genus HAUFFENIA Pollonera, 1898***Hauffenia edlaueri* (Schütt, 1961)**Genus IGLICA A. J. Wagner, 1927****Subgenus IGLICA A. J. Wagner, 1927***Iglica (Iglica) absoloni* (A. J. Wagner, 1914)**Genus ISLAMIA Radoman, 1973***Islamia valvataeformis* (Möllendorff, 1873)*Islamia bosniaca* Radoman, 1973**Genus LANZAIA Brusina, 1906***Lanzaia vjetrenicae* Kuščer, 1933**Genus Litthabitella Boeters, 1970***Litthabitella chilodia* (Westerlund, 1886)**Genus LITHOGLYPHUS Hartmann, 1821***Lithoglyphus fuscus* (C. Pfeiffer, 1828)*Lithoglyphus naticoides* (C. Pfeiffer, 1828)**Genus MARSTONIOPSIS Alten, 1936***Marstoniopsis vrbasi* Bole & Velkovrh, 1987**Genus NARENTIANA Radoman, 1973****Subgenus ZAVALIA Radoman, 1973***Narentiana (Zavalia) vjetrenicae* Radoman, 1973**Genus ORIENTALINA Radoman, 1978***Orientalina bosniaca* (Radoman, 1973)*Orientalina curta mostarensis* Radoman, 1973*Orientalina curta pivensis* (Radoman, 1973)**Genus PALADILHIOPSIS Pavlovic, 1913***Paladilhiopsis brandisi* (Clessin, 1911)*Paladilhiopsis solida* Schütt, 1970**Genus PLAGIGEYERIA Tomlin, 1930***Plagigeyeria mostarensis mostarensis* Kuščer, 1933*Plagigeyeria mostarensis ovalis* Kuščer, 1933*Plagigeyeria plagiostoma* (Wagner, 1914)*Plagigeyeria robusta* Schütt, 1959*Plagigeyeria tribuniciae* Schütt, 1963**Genus PSEUDAMNICILA Pauluci, 1878****Subgenus PSEUDAMNICILA Pauluci, 1878***Pseudamnicola troglobie* Bole, 1961**Genus SADLERIANA Clessin, 1890***Sadleriana sadleriana* (Frauenfeld, 1863)*Sadleriana fluminensis* (Küster, 1852)*Sadleriana virescens* (Küster, 1852)**Genus SARAJANA Radoman, 1975***Sarajana apfelbecki apfelbecki* (Brancsik, 1888)*Sarajana apfelbecki driniana* Radoman, 1975*Sarajana apfelbecki erythropama* (Schütt, 1959)*Sarajana apfelbecki travnicensis* Radoman, 1975**Genus SAXURINATOR Schütt, 1960***Saxurinator brandti* Schütt, 1968*Saxurinator montenegrinus* (Schütt, 1959)*Saxurinator sketi* (Bole, 1960)**Genus VINODOLIA Radoman, 1973***Vinodolia (Anagastina) hadouphylax* (Schütt, 1959)**Family PYRGULIDAE****Genus PYRGULA Cristofor & Jan, 1832***Pyrgula annulata* (Linnaeus, 1767)**Order ECTOBRANCHIA****Superfamily VALVATOIDEA****Family VALVATIDAE****Genus VALVATA O. F. Müller, 1774****Subgenus VALVATA O. F. Müller, 1774***Valvata (Valvata) cristata* (O. F. Müller, 1774)**Subgenus CINCINNA Hübert, 1810***Valvata (Cincinna) piscinalis* (O. F. Müller, 1774)*Valvata (Cincinna) pulchella* Studer, 1820**Order PULMONATA****Suborder ACTEOPHILA****Superfamily ELLOBIOIDEA****Family CARYCHIDAE****Genus CARYCHIUM O. F. Müller, 1774****Subgenus CARYCHIUM O. F. Müller, 1774**

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*Carychium (Carychium) minimum* O. F. Müller, 1774

**Subgenus SAROPHIA Risso, 1826**

*Carychium (Sarophia) tridentatum* (Risso, 1826)

**Genus ZOSPEUM Bourguignat, 1856**

*Zospeum troglobalcanicum* (Absolon, 1916)

**Suborder BASSOMMATOPHORA**

**Superfamily ACROLOXOIDEA**

**Family ACROLOXIDAE**

**Genus ACROLOXUS Beck, 1837**

*Acroloxus velkovrhi* (Bole, 1965)

**Superfamily LYMNAEOIDEA**

**Family LIMNAEIDAE**

**Genus GALBA Schrank, 1803**

*Galba truncatula* (O. F. Müller, 1774)

**Genus LYMNAEA Lamarck, 1799**

*Lymnaea stagnalis* (Linnaeus, 1758)

**Genus RADIX Montfort, 1810**

*Radix auricularia* (Linnaeus, 1758)

*Radix ovata* (Draparnaud, 1805)

*Radix peregra* (O. F. Müller, 1774)

**Genus STAGNICOLA Jeffreys, 1830**

*Stagnicola palustris* (O. F. Müller, 1774)

**Superfamily PLANORBOIDEA**

**Familia PHYSIDAE**

**Genus APLEXA Fleming, 1820**

*Aplexa hypnorum* (Linnaeus, 1758)

**Genus PHYSA Draparnaud, 1801**

*Physa fontinalis* (Linnaeus, 1758)

**Genus PHYSELLA Haldeman, 1843**

*Physella acuta* (Draparnaud, 1805)

**Family PLANORBIDAE**

**Genus ANCYLUS O. F. Müller, 1774**

*Ancylus fluviatilis* O. F. Müller, 1774

**Genus ANISUS Studer, 1820**

**Subgenus ANISUS Studer, 1820**

*Anisus (Anisus) spirorbis* (Linnaeus, 1758)

**Subgenus DISCULIFER, C. Boettger, 1914**

*Anisus (Disculifer) vortex* (Linnaeus, 1758)

**Genus GYRAULUS Charpentier, 1837**

*Gyraulus albus* (O. F. Müller, 1774)

*Gyraulus laevis* (Alder, 1838)

**Genus PLANORBARIUS Froriep, 1806**

*Planorbarius corneus* (Linnaeus, 1758)

**Genus PLANORBIS O. F. Müller, 1774**

*Planorbis planorbis* (Linnaeus, 1758)

*Planorbis carinatus* O. F. Müller, 1774

**Genus SEGMENTINA Fleming, 1818**

*Segmentina nitida* (O. F. Müller, 1774)

**Suborder STYLOMMATOPHORA**

**Superfamily ACHATINOIDEA**

**Family FERUSSACIIDAE**

**Genus CECILIOIDES A. Férussac, 1814**

**Subgenus CECILIOIDES A. Férussac, 1814**

*Cecilioides (Cecilioides) acicula* (O. F. Müller, 1774)

*Cecilioides (Cecilioides) spelaea* A. J. Wagner, 1914

**Familia SUBULINIDAE**

**Genus RUMINA Risso, 1826**

*Rumina decollata* (Linnaeus, 1758)

**Superfamily CLAUSILIOIDEA**

**Familia CLAUSILIIDAE**

**Genus AGATHYLLA H. & A. Adams, 1855**

**Subgenus AGATHYLLA H. & A. Adams, 1855**

*Agathylla (Agathylla) regularis* (L. Pfeifer, 1861)

*Agathylla (Agathylla) exarata exarata*

(Rossmässler, 1835)

*Agathylla (Agathylla) exarata mostarensis*

Brancsik, 1890

*Agathylla (Agathylla) sulcosa* (A. J. Wagner, 1829)

**Subgenus AGATHYLLINA Nordsieck, 1969**

*Agathylla (Agathyllina) lamellosa* Schubert & Wagner, 1829)

*Agathylla (Agathyllina) narentana* (A.

Schmidt, 1868)

**Genus BALEA Gray, 1824**

**Subgenus ALINDA H. & A. Adams, 1855**

*Balea (Alinda) biplicata biplicata* (Montagu, 1803)

*Balea (Alinda) biplicata bosnina* Brancsik, 1889

**Genus BULGARICA O. Boettger, 1877**

**Subgenus STRIGILECULA Kennard & Woodward, 1923**

*Bulgarica (Strigilecula) vetusta striolata* (Bielz, 1861)

*Bulgarica (Strigilecula) vetusta vetusta*

(Rossmäsler, 1836)

**Genus CHARPENTIERIA**

*Charpentieria stigmatica* (Rossmässler, 1836)

**Genus CLAUSILIA Draparnaud, 1805**

**Subgenus ANDREA L. Pfeiffer, 1848**

*Clausilia (Andrea) dubia transsilvanica* A.

Schmidt, 1857

*Clausilia (Andrea) pumila pumila* Rosmässler, 1836

**Genus COCHLODINA A. Férussac, 1828**

**Subgenus COCHLODINA A. Férussac, 1828**

*Cochlodina (Cochlodina) laminata laminata* (Montagu, 1803)

*Cochlodina (Cochlodina) laminata nana*  
(Möllendorff, 1873)

**Genus DELIMA Hartmann, 1842**

**Subgenus DELIMA Hartman, 1842**

*Delima (Delima) binotata binotata*

(Rossmässler, 1836)

*Delima (Delima) binotata hercegovinae*

(Möllendorff, 1873)

*Delima (Delima) binotata satura* Rossmässler,  
1836

*Delima (Delima) binotata saturella* Nordsieck,  
1969

*Delima (Delima) conspurcata* (Rossmässler,  
1836)

*Delima (Delima) helenae* (Küster, 1875)

*Delima (Delima) latilabris* (A. J. Wagner,  
1829 )

**Subgenus SEMIRUGATA O. Boettger, 1877**

*Delima (Semirugata) giselae* A. J. Wagner,  
1914

*Delima (Semirugata) semirugata blaii*  
Möllendorff, 1883

*Delima (Semirugata) semirugata semirugata*  
(Rossmässler, 1836)

*Delima (Semirugata) vidovichii* (L. Pfeiffer,  
1846)

**Genus HERILLA H. & A. Adams, 1855**

*Herilla bosniensis bosniensis* (L. Pfeiffer,  
1868)

*Herilla bosniensis brancsiki* Nordsieck, 1971

*Herilla bosniensis brandisi* (Brancsik, 1888)

*Herilla bosniensis exornata* (A. J. Wagner,  
1913)

*Herilla bosniensis ibarensis* (A. J. Wagner,  
1919)

*Herilla bosniensis gastron* (A. J. Wagner, 1913)

*Herilla durmitoris pseudalopia* (A. J.  
Wagner, 1913)

*Herilla illyrica illyrica* (Möllendorff, 1899)

*Herilla illyrica medoroidea* (A. J. Wagner,  
1913)

*Herilla pavlovici hiltrudae* Nordsieck, 1971

*Herilla pavlovici pavlovici* (A. J. Wagner,  
1914)

*Herilla pavlovici trescavicensis* (A. J. Wagner,  
1913)

*Herilla ziegleri accedens* (Möllendorff, 1873)

*Herilla ziegleri dacica* (Pfeiffer, 1848)

*Herilla ziegleri limana* Boettger, 1909

*Herilla ziegleri ljubnicensis* (A. J. Wagner,  
1913)

*Herilla ziegleri neglecta* (Brancsik, 1888)

*Herilla ziegleri perfecta* (A. J. Wagner, 1913)

*Herilla ziegleri tarensis* (Pavlovic, 1912)

*Herilla ziegleri zabuljensis* (A. J. Wagner,  
1912)

*Herilla ziegleri ziegleri* (Küster, 1847)

**Genus LACINIARIA Hartman, 1844**

*Laciniaria plicata plicata* (Draparnaud, 1805;)

**Genus MEDORA H.&A. Adams, 1855**

*Medora albescens brusinae* (Brusina, 1866)

*Medora albescens graciliformis* (L. Pfeiffer,  
1866)

*Medora albescens livnoensis* Nordsieck, 1970

*Medora albescens pliculosa* (Westerlund,  
1884)

*Medora albescens troglavensis* (A. J. Wagner,  
1912)

*Medora albescens unae* Nordsieck, 1974

*Medora almissana almissana* (Küster, 1847)

*Medora contracta contracta* (Rossmässler,  
1842)

*Medora contracta seriola* (Westerlund, 1884)

*Medora dalmatina dalmatina* (Rossmässler,  
1835)

*Medora dalmatina ingrossata* (A. Schmidt,  
1868)

*Medora dalmatina latecostata* Nordsieck, 1970

*Medora dalmatina matulici* (Sturany, 1901)

*Medora dalmatina schuetti* Nordsieck, 1970

*Medora dalmatina vultur* (Brancsik, 1906)

**Genus MACROGASTRA Hartmann, 1841**

**Subgenus MACROGASTRA Hartmann, 1841**

*Macrogastra (Macrogastra) ventricosa*  
(Draparnaud, 1801)

**Subgenus PYROSTOMA Vest, 1867**

*Macrogastra (Pyrostoma) densestriata*

(Rossmässler, 1836)

*Macrogastra (Pyrostoma) plicatula*

(Draparnaud, 1801)

**Genus STRIGILODELIMA A. J. Wagner,  
1924**

*Strigilodelima conspersa* (Pfeiffer, 1848)

**Genus RUTHENICA Lindholm, 1924**

*Ruthenica filograna filograna* (Rossmässler,  
1836)

## Superfamily COCHLICOPOIDEA

### Family AZECIDAE

**Genus HYPNOPHILA Bourguignat, 1858**

*Hypnophila pupaeformis* (Cantraine, 1836)

### Familia COCHLICOPIDAE

**Genus COCHLICOPA Férussac, 1821**

*Cochlicopa lubrica* (O. F. Müller, 1774)

## Superfamily ENIDOIDEA

### Family ENIDAE

**Genus CHONDRULA Beck, 1837**

*Chondrula quinquentata* (Rossmässler, 1837)

*Chondrula tridens* (O. F. Müller, 1774)

**Genus ENA Turton, 1831**

*Ena concolor* (Westerlund, 1887)

*Ena montana* (Draparnaud, 1801)

*Ena subtilis subtilis* (Rossmässler, 1837)

**Genus IMPARIETULA Lindholm, 1925**

*Imparietula seductilis* (Rossmässler, 1837)

**Genus MERDIGERA Held, 1838***Merdigera obscura* (O. F. Müller, 1774)**Genus NAPAEOPSIS Sturany & Wagner, 1914***Napaeopsis cefalonicus* (Mousson, 1859)**Genus ZEBRINA Held, 1837***Zebrina detrita* (O. F. Müller, 1774)**Superfamily GASTRODONTOIDEA****Family EUCONULIDAE****Genus EUCONULUS Reinhardt, 1883****Subenus EUCONULUS Reinhardt, 1883***Euconulus (Euconulus) fulvus* (O. F. Müller, 1774)**Family GASTRODONTIDAE****Genus ZONITOIDES Lehmann, 1862****Subgenus ZONITOIDES Lehmann, 1862***Zonitoides nitidus* (O. F. Müller, 1774)**Family OXYCHILIDAE****Genus AEGOPINELLA Lindholm, 1927***Aegopinella nitens* Michaud, 1831*Aegopinella minor* (Stabile, 1864)**Genus CARPATHICA A. J. Wagner, 1895****Subgenus ILLYRICA A. J. Wagner, 1895***Carpatica (Illyrica) stussineri* A. J. Wagner, 1895**Genus DAUDEBARDIA Hartmann, 1821****Subenus DAUDEBARDIA Hartmann, 1821***Daudebardia (Daudebardia) rufa* (Draparnaud, 1805)**Genus MEDITERANEA Clessin, 1880***Mediterranea inopinata* (Ulicny, 1887)*Mediterranea serbica* Riedel, 1969*Mediterranea planospiroides* (Riedel, 1969)**Genus MORLINA A. J. Wagner, 1914***Morlina glaber* (Rossmässler, 1835)**Genus OXYCHILUS Fitzinger, 1833***Oxychilus absoloni* (A. J. Wagner, 1914)*Oxychilus draparnaudi* (Beck, 1837)*Oxychilus nautiliformis* (A. J. Wagner, 1914)**Family PRISTOLOMATIDAE****Genus VITREA Fitzinger, 1833***Vitrea botterii* (L. Pfeiffer, 1853)*Vitrea contracta* (Westerlund, 1871)*Vitrea crystallina* (O. F. Müller, 1774)*Vitrea diaphana diaphana* (Studer, 1820)*Vitrea diaphana erjavecii* (Brusina, 1870)*Vitrea illyrica* (A. J. Wagner, 1907)*Vitrea kiliyasi* Pinter, 1972*Vitrea kutschigi* (Walderdorff, 1864)*Vitrea spelaea* (A. J. Wagner, 1914)*Vitrea sturanyi* (A. J. Wagner, 1907)*Vitrea subrimata* (Reinhardt, 1871)**Superfamily HELICOIDEA****Family ARIONIDAE****Genus ARION A. Férussac, 1819***Arion rufus* (Linnaeus, 1758)*Arion silvaticus* Lohmander, 1937*Arion circumscriptus* Johnston, 1828*Arion fasciatus* (Nilsson, 1822)*Arion subfuscus* (Draparnaud, 1805)**Family BRADIBAENIDAE****Genus FRUTICICOLA Held, 1838***Fruticicola fruticum* (O. F. Müller, 1774)**Family HELICIDAE****Genus ARIANTA Turton, 1831***Arianta arbustorum* (Linnaeus, 1758)**Genus CEPAEA Held, 1937****Subgenus CEPAEA Held, 1937***Cepaea (Cepaea) nemoralis* (Linnaeus, 1758)*Cepaea (Cepaea) hortensis* (O. F. Müller, 1774)**Subgenus AUSTROTACHEA G. Pfeiffer, 1930***Cepaea (Austrotachea) vindobonensis*

(Férussac, 1821)

**Genus EOBANIA Hesse, 1913***Eobania vermiculata* (O. F. Müller, 1774)**Genus CHILOSTOMA Fitzinger, 1833****Subgenus CATTANIA Brusina, 1901***Chilostoma (Cattania) inflata* (Kobelt, 1875)**Subgenus DINARICA Kobelt, 1902***Chilostoma (Dinarica) serbica serbica*

(Kobelt, 1872)

*Chilostoma (Dinarica) pouzolzi bosniensis*

(Kobelt, 1871)

*Chilostoma (Dinarica) pouzolzi montenegrina*

(Rossmässler, 1836)

*Chilostoma (Dinarica) pouzolzi pouzolzi*

(Deshayes, 1830)

**Subgenus LIBURNICA Kobelt, 1904***Chilostoma (Liburnica) denudata*

(Rossmässler, 1836)

*Chilostoma (Liburnica) pentheri* (Studer, 1891)*Chilostoma (Liburnica) setosa* (Férussac, 1822)**Subgenus JOSEPHINELLA F. Haas, 1936***Chilostoma (Josephinella) moellendorffi*

(Kobelt, 1871)

*Chilostoma (Josephinella) trizona trizona*

(Rossmässler, 1835)

**Genus FAUSTINA Kobelt, 1904***Faustina faustina associata* (Rossmässler, 1835)**Genus HELIX Linnaeus, 1758***Helix dormitoris dormitoris* (Kobelt, 1898)*Helix pomatia pomatia* Linnaeus, 1758*Helix secernenda* Rossmässler, 1847*Helix vladica* (Kobelt, 1898)**Genus THEBA Risso, 1826***Theba pisana pisana* (O. F. Müller, 1774)

**Family HELICODONTIDAE**

**Genus HELICODONTA A. Férussac, 1821**  
*Helicodonta obvoluta obvoluta* (O. F. Müller, 1774)

*Helicodonta obvoluta bosniaca* Boettger, 1885

**Family HYGROMIIDAE**

**Genus CERNUELLA Schlütter, 1838**

**Subgenus CERNUELLA Schlütter, 1838**  
*Cernuella (Crenulla) virgata variabilis* (Draparnaud, 1801)

**Genus EUOMPHALIA Westerlund, 1889**

*Euomphalia strigella* (Draparnaud, 1801)

**Genus MONACHA Fitzinger, 1833**

**Subgenus MONACHA Fitzinger, 1833**

*Monacha (Monacha) cartusiana* (O. F. Müller, 1774)

*Monacha (Monacha) frequens* (Mousson, 1859)

*Monacha (Monacha) kusmici* (Clessin, 1887)

**Genus MONACHOIDES Gude & Woodward, 1921**

*Monachoides incarnata* (O. F. Müller, 1774)

*Monachoides vicina* (Rossmässler, 1842)

**Genus PETASINA Beck, 1847**

**Subgenus FILICINELLA Polinski, 1929**

*Petasina (Filicinella) filicina bosnensis* (Möllendorff, 1873)

**Genus TRICHIA Hartmann, 1840**

**Subgenus TRICHIA Hartmann, 1840**

*Trichia (Trichia) erjavecii* (Brusina, 1870)

*Trichia (Trichia) hispida* (Linnaeus, 1758)

*Trichia (Trichia) sericea* (Draparnaud, 1801)

**Genus SEMIFRUTICICOLA A. J. Wagner, 1914**

*Semifruticicola costulata costulata* (Brancsik, 1897)

*Semifruticicola costulata serbica* (A. J. Wagner, 1914)

**Genus XEROCAMPYLAEA Kobelt, 1871**

*Xerocampylaea zeleborei* (Pfeiffer, 1853)

**Genus XEROLENTA Monterosato, 1892**

*Xerolenta obvia* (Menke, 1828)

**Genus URTICICOLA Lindholm, 1927**

*Urticicola umbrosa* (Pfeiffer, 1828)

**Superfamily LIMACOIDEA****Family AGRIOLIMACIDAE**

**Genus DEROCERAS Rafinesque, 1820**

**Subgenus DEROCERAS Rafinesque, 1820**

*Deroceras (Deroceras) agreste* (Linnaeus, 1758)

*Deroceras (Deroceras) laeve* (O. F. Müller, 1774)

*Deroceras (Deroceras) sturanyi* (Simroth, 1894)

*Deroceras (Deroceras) turcicum* (Simroth, 1894)

**Family LIMACIDAE**

**Genus LIMAX Linnaeus, 1758**

*Limax bielzi* Siebert, 1873

*Limax cinereoniger* Wolf, 1803

*Limax maximus* Linnaeus, 1758

*Limax wohlberedti* Simroth, 1900

**Genus MALACOLIMAX Malm, 1868**

*Malacolimax kostali* Babor, 1900

*Malacolimax mrazeki* (Simroth, 1904)

*Malacolimax tenellus* (O. F. Müller, 1774)

**Genus LEHMANNIA Heynemann, 1862**

*Lehmannia marginata* (O. F. Müller, 1774)

**Family VITRINIDAE**

**Genus EUCOBRESIA H. B. Baker, 1929**

*Eucobresia diaphana* (Draparnaud, 1805)

**Genus OLIGOLIMAX P. Fischer, 1878**

*Oligolimax annularis* (Studer, 1820)

**Genus SEMILIMACELLA Soos, 1917**

*Semilimacella carniolica* (O. Boettger, 1884)

*Semilimacella bonellii reitteri* (O. Boettger, 1880)

**Genus VITRINA Draparnaud, 1801**

*Vitrina pellucida* (O. F. Müller, 1774)

**Genus VITRINOBRACHIUM Künkel, 1929**

*Vitrinobrachium breve* (Férussac 1821)

**Superfamily PARAMACELLOIDEA****Family MILACIDAE**

**Genus TANDONIA Lessona & Pollonera, 1882**

*Tandonia bosnensis* Wiktor, 1986

*Tandonia cavicola* (Simroth, 1916)

*Tandonia reuleauxi* (Clessin, 1887)

*Tandonia robici* (Simroth, 1885)

*Tandonia sowerbyi* (Férussac, 1823)

**Superfamily PUNCTOIDEA****Family PATULIDAE**

**Genus DISCUS Fitzinger, 1833**

**Subgenus GONIODISCUS Fitzinger, 1833**

*Discus (Goniodiscus) perspectivus* (Megerle von Mühlfeldt, 1816)

**Family PUNCTIDAE**

**Genus PUNCTUM Morse, 1864**

**Subgenus PUNCTUM Morse, 1864**

*Punctum (Punctum) pygmaeum* (Draparnaud, 1801)

**Superfamily PUPILLOIDEA****Family GNIDAE**

**Genus AGARDHIELLA P. Hesse, 1923**

*Agardhiella formosa* (L. Pfeiffer, 1848)

*Agardhiella truncatella* (L. Pfeiffer, 1841)

*Agardhiella parreysi* (L. Pfeiffer 1842)

**Family CHONDRINIDAE**

**Genus ABIDA Turton, 1831**

*Abida secale* (Draparnaud, 1801)



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**Genus CHONDRINA Reichenbach, 1828**

*Chondrina avenacea* (Bruguiere, 1792)  
*Chondrina clienta* (Westerlund, 1883 )  
*Chondrina spelta anodon* Nordsieck, 1970  
*Chondrina spelta bosnica* Nordsieck, 1970  
*Chondrina spelta serbica* Nordsieck, 1970  
*Chondrina spelta spelta* (Beck, 1837)  
*Chondrina spelta sutjeskae* Nordsieck, 1970

**Genus GRANARIA Held, 1838**

*Granaria frumentum* (Draparnaud, 1801)  
*Granaria illyrica* (Rossmässler, 1837)

**Family ORCULIDAE**

**Genus PAGODULINA Clessin, 1876**

*Pagodulina subdola gracilior* Pilsbry, 1926  
*Pagodulina kaeufeli* Klemm, 1939

**Genus SPHYRADIUM Charpentier, 1837**

*Sphyradium doliolum* (Bruguiere, 1792)

**Family PUPILLIDAE**

**Genus PUPILLA Fleming, 1828**

**Subgenus PUPILLA Fleming, 1828**

*Pupilla (Pupilla) muscorum* (Linnaeus, 1758)  
*Pupilla (Pupilla) sterri* (Voith, 1838)

**Family PUNCTIDAE**

**Genus PUNCTUM Morse, 1864**

*Punctum pygmaeum* (Draparnaud, 1801)

**Family PYRAMIDULIDAE**

**Genus PYRAMIDULA Fitzinger, 1833**

*Pyramidula rupestris* (Draparnaud, 1801)

**Family VALLONIDAE**

**Genus ACANTHINULA Beck, 1847**

*Acanthinula aculeata* (O.F. Müller, 1774)

**Genus GITTENBERGIA Giusti & Manganelli 1985**

*Gittenbergia sororcula* (Benoit, 1857)

**Genus VALLONIA Risso, 182**

*Vallonia costata* (F.O.Müller, 1774)

*Vallonia enniensis* (Gredler, 1856)

*Vallonia excentrica* Sterki, 1892

*Vallonia pulchella* (O.F. Müller, 1774)

**Family VERTIGINIDAE**

**Genus COLUMELLA Westerlund, 1878**

*Columella edentula* (Draparnaud, 1805)

**Genus SPELAOCONCHA Sturany, 1901**

*Spelaeoconcha paganetti paganetti* Sturanyi, 1912

*Spelaeoconcha paganetti polymorpha* A. J. Wagner, 1914

**Genus TRUNCATELLINA R. T. Lowe, 1852**

*Truncatellina claustralis* (Gredler, 1856)

*Truncatellina cylindrica* (Férussac, 1807)

*Truncatellina micula* (Mouss., 1876)

*Truncatellina monodon* (Held, 1837)

**Genus VERTIGO O. F. Müller, 1774**

**Subgenus Vertigo O. F. Müller, 1774**

*Vertigo (Vertigo) angustior* Jeffreys, 1830

*Vertigo (Vertigo) pusilla* O. F. Müller, 1774

*Vertigo (Vertigo) pygmaea* (Draparnaud, 1801)

**Superfamily SUCCINEOIDEA**

**Family SUCCINEIDAE**

**Genus OXYLOMA Westerlund, 1885**

**Subgenus OXYLOMA Westerlund, 1885**

*Oxyloma (Oxyloma) elegans* (Risso, 1826)

**Genus SUCCINELLA Mabille, 1871**

*Succinella oblonga* Draparnaud, 1801

**Superfamily TESTACELOIDEA**

**Family OLEACINIDAE**

**Genus POIRETIA Fischer, 1883**

*Poiretia cornea* (Brumati, 1838)

**Family TESTACELLIDAE**

**Genus TASTACELLA Cuvier, 1800**

**Subgenus TASTACELLA Cuvier, 1800**

*Testacella (Testacella) scutulium* Sowerby, 1823

*Testacella (Testacella) haliotides* Draparnaud, 1801

**Superfamily ZONITOIDEA**

**Family ZONITIDAE**

**Genus AEGIOPIS Fitzinger, 1833**

*Aegopis acies* (Férussac, 1832)

*Aegopis croaticus* (Férussac, 1832)

*Aegopis tenerrimus* (Brancsik, 1890)

*Aegopis verticillus* (Férussac, 1819)

**Genus PARAEGOPIS Hesse, 1910**

*Paraegopis albanicus* (Rossmässler, 1836)

*Paraegopis mauritii mauritii* (Westerlund, 1886)

**Genus SPELAEOPATULA A. J. Wagner 1922**

*Spelaeopatula candida* (A. J. Wagner, 1909)

**Superorder NERITAEMORPHI**

**Order NERITOPSINA**

**Superfamily NERITOIDEA**

**Family NERITIDAE**

**Genus THEODOXUS Montfort, 1810**

**Subgenus NERITAEA Roth, 1855**

*Theodoxus (Neritaea) subterrallictis* Schütt, 1963

**Subgenus THEODOXUS Montfort, 1810**

*Theodoxus (Theodoxus) danubialis danubialis* (C. Pfeiffer, 1828)

Theodoxus (Theodoxus) danubialis stragulatus  
C. Pfeiffer, 1828)

Theodoxus (Theodoxus) fluviatilis (Linnaeus,  
1758)

### CONCLUSIONS

Based on the specific various ecological and other conditions, biodiversity of freshwater and land gastropods (Mollusca, Gastropoda) in Bosnia and Herzegovina is very high and specific. According the literature and our investigations of this fauna, we mentioned here 330 species and subspecies, belonging to 134 genera and 47 families. Among them, numerous taxa have been discovered and described as new for the science, just from Bosnia & Herzegovina (many of them are endemic, as well as Dinaric and other elements). We suppose that the further more detailed investigation in this region will elevate the number of known taxa of gastropods from Bosnia & Herzegovina

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