



**FAUNA OF GASTROPODA (MOLLUSCA) IN FRUŠKA GORA MOUNTAIN,  
VOJVODINA (SERBIA)**

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Serbia.

**Ključne reči:**

Gastropoda,  
taksonomija,  
Fruška Gora,  
Vojvodina,  
Srbija.

**SYNOPSIS**

The recent known fauna of Gastropoda on Fruška Gora Mountain in Vojvodina, Serbia, contains 78 species and subspecies belonging to 61 genera and 34 families, respectively. Among them, from the fresh waters are known 21 species belonging to 15 genera and 9 families.

During our investigations of Gastropoda on Fruška Gora, 29 species and subspecies of 27 genera and 15 families were collected. Among them, 5 species are established at the first time on Fruška Gora Mt. [*Valvata (Cincinna) piscinalis*, *Vallonia costata*, *Truncatellina cylindrica*, *Cecilioides (Cecilioides) acicula* and *Morlina glabra*].

**SINOPSIS**

**FAUNA GASTROPODA (MOLLUSCA) PLANINE FRUŠKA  
GORA U VOJVODINI (SRBIJA)**

Dosadašnja poznata fauna Gastropoda Fruške Gore u Vojvodini, Srbija, sadrži 78 vrsta i podvrsta iz 61 roda, odnosno 34 familija. Među njima je poznata 21 vrsta vodenih puževa iz 15 rodova, odnosno 9 familija.

Tokom naših istraživanja Gastropoda Fruške Gore, utvrdili smo 29 vrsta i podvrsta iz 27 rodova, odnosno 15 familija, od kojih je 5 vrsta nađeno po prvi put na teritoriji Fruške Gore [*Valvata (Cincinna) piscinalis*, *Vallonia costata*, *Truncatellina cylindrica*, *Cecilioides (Cecilioides) acicula* and *Morlina glabra*].

## INTRODUCTION

Fauna of Gastropoda in Vojvodina (Serbia) is relatively poorly investigated. Some data of the Gastropoda fauna from Fruška Gora Mt. are presented by various authors: Erjavec, Csiki, Schlesch, Ilijanić & Stošić, Frank et al., Štamol & Jovanović, B., Karaman, B., Karaman, B. & Živić, Solymos et al., Karaman, B. & Karaman, G., Fehér, et al., Savić.

The lone mountain Fruška Gora (fig. 1) is 80 km long and 15 km wide, covering surface of nearly 500 km<sup>2</sup>, rising up from Vojvodina plains, with the highest mountain peak Crveni Čot, 539 m. a.s.l. Numerous torrents and springs in the Fruška Gora belong to the Black Sea drainage system.

The Fruška Gora, situated S. of Novi Sad city, is covered by the forests of the oak, beech, hornbeam, as well as with vineyards, orchards and pastures, settled by numerous more or less rare plants and animals, including the Gastropoda also.



Figure 1. The map of Fruška Gora Mt.

Various scientists have studied the Gastropoda of the region of Fruška Gora:

Erjavec, 1875 [*Pomatias elegans*];

Csiki, 1906 [*Pomatias elegans*, *Pomatias rivulare*];

Schlesch, 1929 [*Pomatias elegans*, *Pomatias rivulare*];

Ilijanić & Stošić, 1972 [*Pomatias elegans*];

Štamol & Jovanović, B., 1990 [*Pomatias elegans*, *Pomatias rivulare*];

Frank et al., 1990 [*Bithynia tentaculata*, *Lithoglyphus naticoides*, *Galba truncatula*, *Lymnaea stagnalis*, *Planorbarius corneus*];

Karaman, B., 2001 [*Lymnaea (Galba) truncatula*, *Lymnaea (Lymnaea) stagnalis*, *Planorbarius corneus*];

Karaman, B. & Živić, 2001 [*Lymnaea truncatula*, *Lymnaea (Radix) peregra*, *Physa (Physella) acuta*, *Ancylus fluviatilis*, *Planorbarius corneus*, *Theodoxus transversalis*];

Solymos et al., 2004 [*Platyla banatica*, *Pomatias rivulare*, *Carychium minimum*, *Carychium tridentatum*, *Balea biplicata biplicata*, *Clausilia pumila pumila*,

*Cochlodina laminata laminata*, *Laciniaria plicata*, *Macrogastera ventricosa ventricosa*, *Cochlicopa lubrica*, *Merdigera obscura*, *Euconulus fulvus*, *Aegopinella ressmanni*, *Daudebardia rufa rufa*, *Vitrea contracta*, *Vitrea diaphana diaphana*, *Vitrea subrimata*, *Fruticicola fruticum*, *Cepaea vindobonensis*, *Isognomostoma isognomostomos*, *Helix pomatia*, *Euomphalia strigella strigella*, *Monacha cartusiana*, *Monachoides incarnatus incarnatus*, *Trichia erjavecii*, *Discus perspectivus*, *Punctum pygmaeum*, *Sphyradium doliolum*, *Acanthinula aculeata*, *Vertigo pusilla*, *Succinella oblonga*];

Karaman, B. & Karaman, G., 2007. [*Viviparus acerosus acerosus*, *Viviparus contectus*, *Viviparus viviparus*, *Fagotia (Microcolpia) daudebartii acicularis*, *Bithynia tentaculata*, *Lithoglyphus naticoides*, *Galba truncatula*, *Lymnaea (Lymnaea) stagnalis*, *Radix auricularia*, *Radix labiata*, *Physella (Costatella) acuta*, *Ancylus fluviatilis*, *Anisus (Disculifer) vortex*, *Planorbarius corneus*, *Theodoxus transversalis*];

Fehéret et al., 2009 [*Pomatias rivulare*];

Savić, 2012 [*Theodoxus danubialis*, *Theodoxus fluviatilis*, *Platyla banatica*, *Fagotia esperi*, *Amphimelania holandrii*, *Pomatias rivulare*, *Lymnaea stagnalis*, *Radix auricularia*, *Haitia acuta*, *Planorbis planorbis*, *Planorbarius corneus*, *Carychium minimum*, *Carychium tridentatum*, *Succinella oblonga*, *Oxyloma elegans*, *Cochlicopa lubrica*, *Cochlicopa lubricella*, *Sphyradium doliolum*, *Acanthinula aculeata*, *Vallonia pulchella*, *Pupilla muscorum*, *Granaria frumentum*, *Chondrula tridens*, *Zebrina detrita*, *Cochlodina laminata*, *Macrogastera ventricosa*, *Discus perspectivus*, *Lehmannia brunneri*, *Limax cinereoniger*, *Limax conemenosi*, *Limax maximus*, *Deroceras reticulatum*, *Arion fasciatus*, *Arion rufus*, *Arion fuscus*, *Arion silvaticus*, *Zonitoides nitidus*, *Eucobresia diaphana*, *Vitrina pellucida*, *Fruticicola fruticum*, *Euomphalia strigella*, *Monacha cartusiana*, *Monachoides incarnatus*, *Xerolenta obvia*, *Arianta arbustorum*, *Cepaea vindobonensis*, *Isognomostoma isognomostomos*, *Helix pomatia*].

During our investigations of this area, we have collected already known species for this area, as well as various species established at the first time for the area of the Fruška Gora.

## MATERIAL AND METHODS

The presented data of Gastropoda are based on our own investigations as well as of the already mentioned taxa in the literature. We collected the specimens during the years 1995, 1997, 2000 and 2001 by hands. Alive animals were preserved in the 70 % ethanol and dried shells in the boxes.

The specimens are determined and provided with the data of collection, locality, number of collected specimens and name of the collector. The synonymy

regarding Fruška Gora Mt., material examined, cited localities, and general distribution of each species are given.

The following localities (38) from Fruška Gora region, regarding taxa of Gastropoda, are cited: Andrevlje; Beočin; Bešenovo; Borkovački Potok-stream; Crveni Čot-peak; Čerević; Čortanovci; Dobri Potok-stream; Dumbovo; Grgeteg; Ilok; Irig; Iriški Venac; Jazačin Potok-stream; Jarak; Jelenački Potok-stream; Karlovačko-Petrovaradinski Rit- bogland; Koviljski Rit- bogland; Kudoški Potok-stream; Ležimir; Osovlje; Novi Sad; Neradin; Paragovo; Pavlovići; Petrovaradinska Tvrđava-fortress; Popovica; Popov Čot; Rakovac; Slano Kopovo; Sremska Kamenica; Sremski Karlovci; Susek; Šišatovac; Testera; Veliki Potok-stream; Velika Remeta; Vrdnik.

**Abbreviations:** N-North; W-West; E-East; S-South; C-Central.  
Jovanović, B. = Karaman, B.

#### TAXONOMICAL PART

Familia NERITIDAE Rafinesque, 1815

Genus *Theodoxus* Montfort, 1810

Subgenus *Theodoxus* Montfort, 1810

***THEODOXUS (THEODOXUS) DANUBIALIS*** (C. Pfeiffer, 1828)

*Theodoxus danubialis* Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 2 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: SE Europe.

***THEODOXUS (THEODOXUS) FLUVIATILIS*** (Linnaeus, 1758)

*Theodoxus fluviatilis* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: W Palearctic.

***THEODOXUS (THEODOXUS) TRANSVERSALIS*** (C. Pfeiffer, 1828)

*Theodoxus transversalis* Karaman, B. & Živić, 2001: 204; Karaman, B. & Karaman, G., 2007: 172.

MATERIAL: Vrdnik, 2001-07-03, 2 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Karaman, B. & Živić, 2001: Jelenački Potok-stream;

Karaman, B. & Karaman, G., 2007: Jelenački Potok-stream.

DISTRIBUTION: C and SE Europe.

Familia ACICULIDAE J. E. Gray, 1850

Genus *Platyla* Moquin-Tandon, 1856

**PLATYLA BANATICA** (Rossmässler, 1842)

*Platyla banatica* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Paragovo.

DISTRIBUTION: Carpathian.

Familia VIVIPARIDAE J. E. Gray, 1847

Genus *Viviparus* Montfort, 1810

**VIVIPARUS ACEROSUS** (Bourguignat, 1862)

*Viviparus acerosus acerosus* Karaman, B. & Karaman, G., 2007: 173.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Sremska Kamenica; Jazačin Potok-torrent; Šišatovac.

DISTRIBUTION: SE Europe.

**VIVIPARUS CONTECTUS** (Millet, 1813)

*Viviparus contectus* Karaman, B. & Karaman, G., 2007: 174.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Šišatovac.

DISTRIBUTION: NWE Europe.

**VIVIPARUS VIVIPARUS** (Linnaeus, 1758)

*Viviparus viviparus* Karaman, B. & Karaman, G., 2007: 175.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Petrovaradinsko-Karlovački Rit - bogland.

DISTRIBUTION: C and E Europe.

Familia MELANOPSIDAE H & A. Adams, 1854

Genus *Esperiana* Bourguignat, 1877

Subgenus *Esperiana* Bourguignat, 1877

**ESPERIANA (ESPERIANA) ESPERI** (A. Férussac, 1823)

*Fagotia esperi* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: SE Europe-Pontic-Panonic.

Subgenus *Microcolpia* Bourguignat, 1884

**ESPERIANA (MICROCOLPIA) DAUDEBARTII ACICULARIS** (Férussac, 1823)

*Fagotia (Microcolpia) daudebartii acicularis* Karaman, B. & Karaman, G., 2007: 178.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Sremska Kamenica.

DISTRIBUTION: SE Europe-Pontic-Panonic.

Genus *Holandriana* Bourguignat, 1884

**HOLANDRIANA HOLLANDRI** (C. Pfeiffer, 1828)

*Amphimelania holandrii* Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 3 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: NW Balkan.

Familia POMATIASIDAE Newton, 1891

Genus *Pomatias* Studer, 1789

**POMATIAS ELEGANS** (O. F. Müller, 1774)

*Pomatias elegans* Erjavec, 1875: 72; Schlesch, 1929: 14; Štamol & Jovanović, B., 1990: 28, 29.

MATERIAL: Sremska Kamenica, 2001-02-10, 1 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Erjavec, 1875: Grgetek; Sremski Karlovci; Velika Remeta.

Štamol & Jovanović, B., 1990: Grgetek; Sremski Karlovci; Velika Remeta; Ilok; Susek; Čerević; Beočin.

Schlesch, 1929: Čerević.

DISTRIBUTION: Mediterranean region, W Europe.

**POMATIAS RIVULARE** (Eichwald, 1829)

*Pomatias rivulare* Csiki, 1906: 40; Schlech, 1929: 14; Ilijanić & Stošić, 1972: 19; Štamol & Jovanović, B., 1990: 31; Fehér et al., 2009: 70;

*Pomatias rivularis* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Csiki, 1906: Čerević.

Schlesch, 1929: Čerević;

Ilijanić & Stošić, 1972: Čerević; Irig; Beočin.

Štamol & Jovanović, B., 1990: Čerević; Irig; Beočin; Testera; Rakovac.

Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

Fehér et al., 2009: Petrovaradin.

Savić, 2012: Irig; Beočin.

DISTRIBUTION: SE Europe.

Familia BITHYNIIDAE J. E. Gray, 1847

Genus *Bithynia* Leach, 1818

Subgenus *Bithynia* Leach, 1818

**BITHYNIA (BITHYNIA) TENTACULATA** (Linnaeus, 1758)

*Bithynia tentaculata* Frank et al., 1990: 41; Karaman, B. & Karaman, G., 2007: 179.

LOCALITIES CITED: Frank et al., 1990: Sremski Karlovci.

Karaman, B. & Karaman, G., 2007: Sremski Karlovci; Sremska Kamenica.

DISTRIBUTION: Palearctic.

Familia LITHOGLYPHIDAE Tryon, 1866

Genus *Lithoglyphus* Hartmann, 1821

**LITHOGLYPHUS NATICOIDES** (C. Pfeiffer, 1828)

*Lithoglyphus naticoides* Frank et al., 1990: 38; Karaman, B. & Karaman, G., 2007: 188.

MATERIAL: Sremska Kamenica, 2001-08-28, exp. 1, (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Frank et al., 1990: Sremski Karlovci.

Karaman, B. & Karaman, G., 2007: Sremski Karlovci; Jelenački Potok-stream; Irig; Sremska Kamenica; Šišatovac.

DISTRIBUTION: SE Europe-Pontic.

Familia VALVATIDAE J.E. Gray, 1840

Genus *Valvata* O. F. Müller, 1774

**VALVATA (CINCINNA) PISCINALIS** (O. F. Müller, 1774)

MATERIAL: Sremska Kamenica: 1997-03-14, 5 exp. (leg. Jovanović, B. & Karaman, G.).

DISTRIBUTION: Palearctic.

Familia LYMNAEIDAE Rafinesque, 1815

Genus *Galba* Schrank, 1803

**GALBA TRUNCATULA** (O. F. Müller, 1774)

*Galba truncatula* Frank et al., 1990: 56; Karaman, B. & Karaman, G. 2007: 195;

*Lymnaea truncatula* Karaman, B. & Živić, 2001: 204;

*Lymnaea (Galba) truncatula* Karaman, B. 2001: 306.

MATERIAL: Vrdnik, 2001-07-03, 4 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Frank et al., 1990: Sremski Karlovci.

Karaman, B., 2001: Sremski Karlovci.

Karaman, B. & Živić, 2001: Kudoški Potok-stream.



Karaman, B. & Karaman, G., 2007: Sremski Karlovci; Kudoški Potok-stream.  
DISTRIBUTION: Holarctic.

Genus *Lymnaea* Lamarck, 1799

**LIMNAEA STAGLINALIS** (Linnaeus, 1758)

*Lymnaea stagnalis* Frank et al., 1990: 51; Savić, 2012: 1;

*Lymnaea (Lymnaea) stagnalis* Karaman, B., 2001: 306; Karaman, B. &  
Karaman, G., 2007: 196.

LOCALITIES CITED: Frank et al., 1990: Sremski Karlovci.

Karaman, B., 2001: Novi Sad; Sremski Karlovci.

Karaman, B. & Karaman, G., 2007: Sremski Karlovci; Sremska Kamenica;  
Karlovačko-Petrovaradinski Rit-bogland.

Savić, 2012: Rakovac.

DISTRIBUTION: Holarctic.

Genus *Radix* Montfort, 1810

**RADIX AURICULARIA** (Linnaeus, 1758)

*Radix auricularia* Karaman, B. & Karaman, G., 2007: 197; Savić, 2012: 1.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Karlovačko-  
Petrovaradinski Rit-bogland.

Savić, 2012: Koviljski Rit-bogland.

DISTRIBUTION: Palearctic.

**RADIX LABIATA** (Rossmässler, 1835)

*Lymnaea (Radix) peregra* Karaman, B. & Živić, 2001: 204;

*Radix labiata* Karaman, B. & Karaman, G., 2007: 199.

MATERIAL: Vrdnik, 2001-07-03, 36 exp. (leg. Karaman, B. & Karaman, G.,  
2007).

LOCALITIES CITED: Karaman, B. & Živić, 2001: Kudoški Potok-stream; Jelenački  
Potok-stream; Borkovački Potok-stream.

Karaman, B. & Karaman, G., 2007: Kudoški Potok-stream; Jelenački Potok-  
stream; Borkovački Potok-stream; Sremska Kamenica; Ležimir; Šišatovac.

DISTRIBUTION: Palearctic.

Familia PHYSIDAE Fitzinger, 1833

Genus *Haitia* Clench & Aguayo, 1932

**HAITIA ACUTA** (Draparnaud, 1805)

*Physa (Physella) acuta* Karaman, B. & Živić, 2001: 204;

*Physella (Costatella) acuta* Karaman, B. & Karaman, G., 2007: 205;

*Haitia acuta* Savić, 2012: 1.

MATERIAL: river Dunav, Sremska Kamenica, 2001-02-10, 1 exp. (leg. Karaman, B. & Karaman, G.); Vrdnik, 2001-07-03, 9 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Karaman, B. & Živić, 2001: Jarak; Pavlovci village; Vrdnik; Kudoški Potok-stream.

Karaman, B. & Karaman, G., 2007: Kudoški Potok-stream.

Savić, 2012: Pavlovci village.

DISTRIBUTION: Mediterranean region and W Europe.

Familia PLANORBIDAE Rafinesque, 1815

Genus *Ancylus* O. F. Müller, 1774

**ANCYLUS FLUVIATILIS** O. F. Müller, 1774

*Ancylus fluviatilis* Karaman & Živić, 2001: 204; Karaman, B. & Karaman, G., 2007: 205;

MATERIAL: Vrdnik, 2001-04-02, 1 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Karaman, B. & Živić, 2001: Kudoški Potok-stream.

Karaman, B. & Karaman, G., 2007: Kudoški Potok-stream.

DISTRIBUTION: Palearctic.

Genus *Anisus* Studer, 1820

Subgenus *Disculifer* C. Boettger, 1944

**ANISUS (DISCULIFER) VORTEX** (Linnaeus, 1758)

*Anisus (Disculifer) vortex* Karaman, B. & Karaman, G., 2007: 208.

LOCALITIES CITED: Karaman, B. & Karaman, G., 2007: Sremska Kamenica.

DISTRIBUTION: Europe, W Asia.

Genus *Planorbarius* Froriep, 1806

**PLANORBARIUS CORNEUS** (Linnaeus, 1758)

*Planorbarius corneus* Frank et al. 1990: 86; Karaman, B., 2001: 308; Karaman, B. & Živić, 2001: 205; Karaman, B. & Karaman, G., 2007: 211; Savić, 2012: 1.

MATERIAL: Vrdnik, 2001-07-03, 138 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Frank et al., 1990: Sremski Karlovci.

Karaman, B., 2001: Karlovačko–Petrivaradinski Rit- bogland; Sremski Karlovci.

Karaman, B. & Živić, 2001: Kudoški Potok-stream.

Karaman, B. & Karaman, G., 2007: Karlovačko–Petrivaradinski Rit - bogland; Sremski Karlovci; Kudoški Potok-stream.

Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Europe, W Asia.

Genus *Planorbis* O. F. Müller, 1773

Subgenus *Planorbis* O. F. Müller, 1773

**PLANORBIS (PLANORBIS) PLANORBIS** (Linnaeus, 1758)

*Planorbis planorbis* Savić, 2012: 1.

MATERIAL: Sremska Kamenica: 1997-03-14, 5 exp. (leg. Jovanović, B. & Karaman, G.);

LOCALITIES CITED: Savić, 2012: Novi Sad.

DISTRIBUTION: Holarctic.

Familia ELLOBIIDAE L. Pfeiffer, 1854

Genus *Carychium* O. F. Müller, 1774

Subgenus *Carychium* O. F. Müller, 1774

**CARYCHIUM (CARYCHIUM) MINIMUM** O. F. Müller, 1774

*Carychium minimum* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Osovlje, N of Crveni Čot-peak; Veliki Potok-stream.

Savić, 2012: Iriški Venac.

DISTRIBUTION: Palearctic.

Subgenus *Saraphia* Risso, 1826

**CARYCHIUM (SARAPHIA) TRIDENTATUM** (Risso, 1826)

*Carychium tridentatum* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

DISTRIBUTION: Alpine.

Familia SUCCINEIDAE H. Beck, 1837

Genus *Succinella* Mabile, 1871

**SUCCINELLA OBLONGA** Draparnaud, 1801

*Succinella oblonga* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.  
Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Palearctic.

Genus *Oxyloma* Westerlund, 1885

Subgenus *Oxyloma* Westerlund, 1885

**OXYLOMA (OXYLOMA) ELEGANS** (Risso, 1826)

*Oxyloma elegans* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Novi Sad.

DISTRIBUTION: Palearctic.

Familia COCHLICOPIDAE Pilsbry, 1900

Genus *Cochlicopa* Férussac, 1821

**COCHLICOPA LUBRICA** (O. F. Müller, 1774)

*Cochlicopa lubrica* Solymos et al., 2004: 152.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 31 exp. (leg. Jovanović, B. & Karaman, G.); Vrdnik, 2001-07-03, 8 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Holarctic.

**COCHLICOPA LUBRICELLA** (Porro, 1838)

*Cochlicopa lubricella* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Europe and W Asia.

Familia ORCULIDAE Pilsbry, 1918

Genus *Sphyradium* Charpentier, 1837

**SPHYRADIUM DOLIOLUM** (Bruguiere, 1792)

*Sphyradium doliolum* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Veliki Potok-stream.

Savić, 2012: Rakovac.

DISTRIBUTION: Alpine, Carpathian.

Familia VALLONIIDAE Morse, 1864

Genus *Acanthinula* Beck, 1847

**ACANTHINULA ACULEATA** (O. F. Müller, 1774)

*Acanthinula aculeata* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: W. Palearctic.

Genus *Vallonia* Risso, 1826

**VALLONIA COSTATA** (F.O. Müller, 1774)

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 39 exp. (leg. Jovanović, B. & Karaman, G.).

DISTRIBUTION: Holarctic.

**VALLONIA PULCHELLA** (O. F. Müller, 1774)

*Vallonia pulchella* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Holarctic.

Familia PUPILLIDAE Turton, 1831

Genus *Pupilla* Fleming, 1828

Subgenus *Pupilla* Fleming, 1828

**PUPILLA (PUPILLA) MUSCORUM** (Linnaeus, 1758)

*Pupilla muscorum* Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 9 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Holarctic.

Familia CHONDRINIDAE Steenberg, 1925

Genus *Granaria* Held, 1838

**GRANARIA FRUMENTUM** (Draparnaud, 1801)

*Granaria frumentum* Savić, 2012: 1.

MATERIAL: Petrovaradin, near railway bridge, 1997-03-14., 25 exp. (leg. Jovanović, B. & Karaman, G.); Vrdnik, 2000-09-17, 1 exp. (leg. Stanković); Borkovački Potok-stream, 2000-09-07, 1 exp. (leg. Živić).

LOCALITIES CITED: Savić, 2012: Bešenovo.

DISTRIBUTION: Alpine-W Europe-Carpathian.

Familia VERTIGINIDAE Fitzinger, 1833

Genus *Truncatellina* R. T. Lowe, 1852

**TRUNCATELLINA CYLINDRICA** (Férussac, 1807)

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 56 exp. (leg. Jovanović, B. & Karaman, G.).

DISTRIBUTION: Europe, N Afrika, Asia Minor.

Genus *Vertigo* O. F. Müller, 1774

Subgenus *Vertigo* O. F. Müller 1774

**VERTIGO (VERTIGO) PUSILLA** O. F. Müller, 1774

*Vertigo pusilla* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Europe-Asia Minor.

Family ENIDAE B. B. Woodward, 1903

Genus *Chondrula* Beck, 1837

**CHONDRULA TRIDENS** (O. F. Müller, 1774)

*Chondrula tridens* Savić, 2012: 1.

MATERIAL: Near Borkovački Potok-stream, 2000-04-16, 1 exp. (leg. Živić); Sremska Kamenica, 2001-02-10, 1 exp. (leg. Karaman, B. & Karaman, G).

LOCALITIES CITED: Savić, 2012: Slano Kopovo.

DISTRIBUTION: C and E Europe.

Genus *Zebrina* Held, 1838

**ZEBRINA DETRITA** (O. F. Müller, 1774)

*Zebrina detrita* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Grgeteg.

DISTRIBUTION: C and S Europe.

Genus *Merdigera* Held, 1838

**MERDIGERA OBSCURA** (O. F. Müller, 1774)

*Merdigera obscura* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Europe, N Africa.

Familia FERUSSACIIDAE Bourguignat, 1883

Genus *Cecilioides* A. Férussac, 1814

Subgenus *Cecilioides* A. Férussac, 1814

**CECILIOIDES (CECILIOIDES) ACICULA** (O.F. Muller, 1774)

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel,  
1997-03-14, 1 exp. (leg. Jovanović, B. & Karaman, G.).

DISTRIBUTION: Mediterranean region, C Europe.

Familia CLAUSILIIDAE J. E. Gray, 1855

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

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

**ALINDA (ALINDA) BIPLICATA** (Montagu, 1803)

*Balea biplicata biplicata* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Dobri Potok-stream.

DISTRIBUTION: C Europe.

Genus *Clausilia* Draparnaud, 1805

Subgenus *Clausilia* Draparnaud, 1805



**CLAUSILIA (CLAUSILIA) PUMILA** Rossmässler, 1836

*Clausilia pumila pumila* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri potok-stream; Veliki Potok-stream.

DISTRIBUTION: C and E Europe.

Genus *Cochlodina* A. Férussac, 1828

Subgenus *Cochlodina* A. Férussac, 1828

**COCHLODINA (COCHLODINA) LAMINATA** (Montagu, 1803)

*Cochlodina laminata laminata* Solymos et al., 2004: 152;

*Cochlodina laminata* Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Osovlje, N of Crveni Čot-peak; Dobri Potok-stream; Veliki potok- stream.

Savić, 2012: Vrdnik.

DISTRIBUTION: Europe.

Genus *Laciniaria* Hartmann, 1844

**LACINIARIA PLICATA** (Draparnaud, 1805)

*Laciniaria plicata* Solymos et al, 2004: 152.; Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđjava-fortress 2001-07-04, 1 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Sremska Kamenica.

DISTRIBUTION: C Europe.

Genus *Macrogastra* Hartmann, 1841

Subgenus *Macrogastra* Hartmann, 1841

**MACROGASTRA (MACROGASTRA) VENTRICOSA** (Draparnaud, 1801)

*Macrogastra ventricosa ventricosa* Solymos et al., 2004: 152;

*Macrogastra ventricosa* Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Dumbovo.

DISTRIBUTION: C Europe.

Familia DISCIDAE Thiele, 1866

Genus *Discus* Fitzinger, 1833

Subgenus *Gonyodiscus* Fitzinger, 1833

**DISCUS (GONYODISCUS) PERSPECTIVUS** (Megerle von Mühlfeld, 1816)

*Discus perspectivus* Solymos et al., 2004: 152; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Dobri potok-stream; Veliki Potok-stream.

Savić, 2012: Andrevlje.

DISTRIBUTION: E Alpine-S Carpathian.

Familia PRISTILOMATIDAE T. Cockerell, 1891

Genus *Vitrea* Fitzinger, 1833

**VITREA CONTRACTA** (Westerlund, 1871)

*Vitrea contracta* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Europe.

**VITREA DIAPHANA** (Studer, 1820)

*Vitrea diaphana diaphana* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Alpine-S Europe.

**VITREA SUBRIMATA** (Reinhardt, 1871)

*Vitrea subrimata* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Veliki Potok-stream.  
DISTRIBUTION: Alpine.

Familia LIMACIDAE Lamarck, 1801

Genus *Lehmannia* Heynemann, 1862

**LEHMANNIA BRUNNERI** (H. Wagner, 1931)  
*Lehmannia brunneri* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Popovo Čot.  
DISTRIBUTION: Balkan.

Genus *Limax* Linnaeus, 1758

**LIMAX CINEREONIGER** Wolf, 1803  
*Limax cinereoniger* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Andrevlje.  
DISTRIBUTION: W Europe.

**LIMAX CONEMENOSI** Böttger, 1882  
*Limax conemenosi* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Novi Sad.  
DISTRIBUTION: Balkan.

**LIMAX MAXIMUS** Linnaeus, 1758  
*Limax maximus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.  
DISTRIBUTION: S and C Europe.

Familia AGRIOLIMACIDAE H. Wagner, 1935

Genus *Deroceras* Rafinesque, 1820  
Subgenus *Deroceras* Rafinesque, 1820

***DEROCERAS (DEROCERAS) RETICULATUM*** (O. F. Müller, 1774)

*Deroceras reticulatum* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Europe.

Familia ARIONIDAE J.E. Gray, 1840

Genus *Arion* Férussac, 1819

***ARION RUFUS*** (Linnaeus, 1758)

*Arion rufus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Novi Sad.

DISTRIBUTION: W and C Europe, N Italy.

Subgenus *Carinarion* Hesse, 1926

***ARION (CARINARION) FASCIATUS*** (Nilsson, 1823)

*Arion fasciatus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Crveni Čot.

DISTRIBUTION: NWC and SE Europe.

***ARION (CARINARION) SILVATICUS*** Lohmander, 1937

*Arion silvaticus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Paragovo.

DISTRIBUTION: NW and C Europe to S. Bulgaria.

Subgenus *Mesarion* Hesse, 1926

***ARION (MESARION) FUSCUS*** (O.F. Müller, 1774)

*Arion fuscus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Rakovac.

DISTRIBUTION: C and NE Europe.

Familia PUNCTIDAE Morse, 1864

Genus *Punctum* Morse, 1864

Subgenus *Punctum* Morse, 1864

**PUNCTUM (PUNCTUM) PYGMAEUM** (Draparnaud, 1801)

*Punctum pygmaeum* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Dobri Potok-stream.

DISTRIBUTION: Palearctic.

Familia EUCONULIDAE H. B. Baker, 1928

Genus *Euconulus* Reinhardt, 1883

Subgenus *Euconulus* Reinhardt, 1883

**EUCONULUS (EUCONULUS) FULVUS** (O. F. Müller, 1774)

*Euconulus fulvus* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

DISTRIBUTION: Holarctic.

Familia Gastrodontidae Tryon 1866

Genus *Zonitoides* Lehmann, 1862

Subgenus *Zonitoides* Lehmann, 1862

**ZONITOIDES (ZONITOIDES) NITIDUS** (O. F. Müller, 1774)

*Zonitoides nitidus* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Holarctic.

Familia Oxychilidae P. Hesse, 1927

Genus *Aegopinella* Lindholm, 1927

**AEGOPINELLA RESSMANNI** (Westerlun, 1883)

*Aegopinella ressmanni* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

DISTRIBUTION: E Alpine, E Europe.

Genus *Dauebardia* Hartmann, 1821

Subgenus *Dauebardia* Hartmann, 1821

**DAUEBARDIA (DAUEBARDIA) RUFA** (Draparnaud, 1805)

*Dauebardia rufa rufa* Solymos et al., 2004: 152;

*Dauebardia rufa* Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Dobri Potok-stream. Savić, 2012: Paragovo.

DISTRIBUTION: S Europe and Pontic.

Genus *Morlina* A. J. Wagner, 1914

**MORLINA GLABRA** (Rossmässler, 1835)

MATERIAL: Petrovaradin, near railway bridge, 1997-03-14, 1 exp. (leg. Jovanović, B. & Karaman, G.).

DISTRIBUTION: C and S Europe.

Familia Vitrinidae Fitzinger, 1833

Genus *Eucobresia* Baker, 1929

**EUCOBRESIA DIAPHANA** (Draparnaud, 1805)

*Eucobresia diaphana* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Iriški Venac.

DISTRIBUTION: Alpine-S Europe.

Genus *Vitrina* Draparnaud, 1801

**VITRINA PELLUCIDA** (Müller, 1774)

*Vitrina pellucida* Savić, 2012: 1.

LOCALITIES CITED: Savić, 2012: Slano Kopovo.

DISTRIBUTION: Europe to C Asia.

Familia Bradibaenidae Pilsbry, 1934

Genus *Fruticicola* Held, 1838

**FRUTICICOLA FRUTICUM** (O. F. Müller, 1774)

*Fruticicola fruticum* Solymos et al., 2004: 152; Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 7 exp. (leg. Jovanović, B. & Karaman, G.); Sremska Kamenica, 1997-03-14, 3 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Testera.

DISTRIBUTION: Europe, N Asia.

Familia Hygromiidae Tryon, 1866

Genus *Euomphalia* Westerlund, 1889

Subgenus *Euomphalia* Westerlund, 1889

**EUOMPHALIA (EUOMPHALIA) STRIGELLA** (Draparnaud, 1801)

*Euomphalia strigella strigella* Solymos et al., 2004: 152;

*Euomphalia strigella* Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Osovlje, N of Crveni Čot-peak; Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Vrdnik.

DISTRIBUTION: E Europe.

Genus *Monacha* Fitzinger, 1833  
Subgenus *Monacha* Fitzinger, 1833

**MONACHA (MONACHA) CARTUSIANA** (O. F. Müller, 1774)  
*Monacha cartusiana* Solymos et al., 2004: 151; Savić, 2012: 1.

MATERIAL: Petrovaradin, near railway bridge, 1997-03-14, 1 exp. (leg. Jovanović, B. & Karaman, G.); Sremska Kamenica, 1997-03-14, 3 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Veliki Potok-stream south of village Rakovac.

Savić, 2012: Sremska Kamenica.

DISTRIBUTION: Mediterranean region.

Genus *Monachoides* Gude & Woodward, 1921

**MONACHOIDES INCARNATUS** (O. F. Müller, 1774)  
*Monachoides incarnatus incarnatus* Solymos et al., 2004: 152;  
*Monachoides incarnatus* Savić, 2012: 1.

MATERIAL: Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 9 exp. (leg. Jovanović, B. & Karaman, G.); Sremska Kamenica, 1997-03-14, 23 exp. (leg. Jovanović, B. & Karaman, G.); Beočin: 2001-04-10, 1 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Osovlje, N of Crveni Čot-peak; Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Popovica.

DISTRIBUTION: C Europe.

Genus *Trichia* Hartmann, 1840  
Subgenus *Trichia* Hartmann, 1840

**TRICHIA (TRICHIA) ERJAVECI ERJAVECI** (Brusina, 1870)  
*Trichia erjaveci* Solymos et al., 2004: 152.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream; Veliki Potok-stream.

DISTRIBUTION: Dinaric.



Genus *Xerolenta* Monterosato, 1892

**XEROLENTA OBVIA** (Menke, 1828)

*Xerolenta obvia* Savić, 2012: 1.

MATERIAL: Fruška Gora, 1995, 2 exp. (leg. Fojkart, O.); Petrovaradinska Tvrđava-fortress, near abandoned railway tunnel, 1997-03-14, 9 exp. (leg. Jovanović, B. & Karaman, G.).

LOCALITIES CITED: Savić, 2012: Popovica.

DISTRIBUTION: SE Europa.

Familia Helicidae Rafinesque, 1815

Genus *Arianta* Turton, 1831

Subgenus *Arianta* Turton, 1831

**ARIANTA (ARIANTA) ARBUSTORUM** (Linnaeus, 1758)

*Arianta arbustorum* Savić, 2012: 1.

MATERIAL: Karlovačko-Petrovaradinski Rit- bogland, 1995, 3 exp. (leg. Fojkart, O.); Sremska Kamenica, 2001-02-10, 13 exp. (leg. Karaman, B. & Karaman, G.); Vrdnik: 2001-04-10, 1 exp. (leg. Karaman, B. & Karaman, G.); Beočin: 2001-04-10, 1 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Savić, 2012: Sremska Kamenica.

DISTRIBUTION: N and C Europa.

Genus *Cepaea* Held, 1937

Subgenus *Austrotachea* Pfeiffer, 1930

**CEPAEA (AUSTROTACHEA) VINDOBONENSIS** (Férussac, 1821)

*Cepaea vindobonensis* Solymos et al., 2004: 152; Savić, 2012: 1;

MATERIAL: Petrovaradin, near railway bridge, 1997-03-14, 6 exp. (leg. Jovanović, B. & Karaman, G.); Sremska Kamenica, 2001-02-10, 4 exp. (leg. Karaman, B. & Karaman, G.); Neradin: 2001-04-11, 5 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.

Savić, 2012: Sremska Kamenica.

DISTRIBUTION: SE Europe.

Genus *Isognomostoma* Fitzinger, 1833

**ISOGNOMOSTOMA ISOGNOMOSTOMOS** (Schröter, 1784)

*Isognomostoma isognomostomos* Solymos et al., 2004: 151; Savić, 2012: 1.

LOCALITIES CITED: Solymos et al., 2004: Dobri Potok-stream.  
Savić, 2012: Andrevlje.

DISTRIBUTION: Alpine-Carpathian.

Genus *Helix* Linnaeus, 1758

**HELIX POMATIA POMATIA** Linnaeus, 1758

*Helix pomatia* Solymos et al., 2004: 152; Savić, 2012: 1.

MATERIAL: Sremska Kamenica, 1997-03-14, 1 exp., (leg. Jovanović, B. & Karaman, G.); Petrovaradin, near railway bridge, 1997-03-14, 5 exp. (leg. Jovanović, B. & Karaman, G.); Ležimir: 2001-04-11, 2 exp. (leg. Karaman, B. & Karaman, G.); Vrdnik: 2001-04-12, 3 exp. (leg. Karaman, B. & Karaman, G.).

LOCALITIES CITED: Solymos et al., 2004: Crveni Čot-peak; Dobri Potok-stream; Veliki Potok-stream.

Savić, 2012: Novi Sad.

DISTRIBUTION: C and SE Europe.

## CONCLUSIONS

Based on our personal investigations and literature, on the area of Fruška Gora are known 78 species of Gastropoda belonging to 61 genera and 34 families, respectively. This is nearly 26% of known Gastropoda fauna of Serbia (nearly 300 taxa).

During our investigations, 5 species new for the fauna of Fruška Gora are established: *Valvata (Cincinna) piscinalis*, *Vallonia costata*, *Truncatellina cylindrica*, *Ceciliooides (Ceciliooides) acicula* and *Morlina glabra*.

All known species of Gastropoda from Fruška Gora region belongs to various zoogeographical elements:

Holarctic elements: *Planorbis (Planorbis) planorbis* *Galba truncatula*, *Lymnaea stagnalis*, *Cochlicopa lubrica*, *Euconulus fulvus*, *Vallonia costata*, *Vallonia pulchella*, *Pupilla muscorum*, *Zonitoides nitidus*;

Palaearctic elements: *Theodoxus fluviatilis*, *Bithynia (Bithynia) tentaculata*, *Carychium minimum*, *Radix auricularia*, *Radix labiata*, *Ancylus fluviatilis*, *Valvata*

(*Cincinna*) *piscinalis*, *Punctum* (*Punctum*) *pygmaeum*, *Acanthinula aculeata*, *Succinella oblonga*, *Oxyloma* (*Oxyloma*) *elegans*;

European (N, W, C, S and E) elements: *Theodoxus danubialis*, *Theodoxus transversalis*, *Viviparus acerosus*, *Viviparus contectus*, *Viviparus viviparus*, *Pomatias rivulare*, *Alinda* (*Alinda*) *biplicata*, *Clausilia* (*Clausilia*) *pumila*, *Cochlodina* (*Cochlodina*) *laminata*, *Laciniaria* (*Laciniaria*) *plicata*, *Macrogastera* (*Macrogastera*) *ventricosa*, *Chondrula tridens*, *Zebrina detrita*, *Morlina glabra*, *Vitrea* (*Crystallus*) *contracta*, *Limax cinereoniger*, *Limax maximus*, *Deroceras* (*Deroceras*) *reticulatum*, *Arion* (*Mesarion*) *fuscus*, *Arion rufus*, *Arion* (*Carinarion*) *silvaticus*, *Fruticicola fruticum*, *Xerolenta obvia*, *Arianta* (*Arianta*) *arbustorum*, *Cepaea* (*Austrotachea*) *vindobonensis*, *Helix pomatia*, *Euomphalia* (*Euomphalia*) *strigella*, *Monachoides incarnatus*;

Europe, W Asia, Asia Minor elements: *Anisus* (*Disculifer*) *vortex*, *Vertigo* (*Vertigo*) *pusilla*, *Planorbarius corneus*, *Cochlicopa lubricella*;

European-North African elements: *Merdigera obscura*, *Truncatellina cylindrica*;

SE Europe-Pontic-Panonic elements: *Esperiana* (*Esperiana*) *esperi*, *Esperiana* (*Microcolpia*) *daudebartii acicularis*, *Lithoglyphus naticoides*, *Daudebardia* (*Daudebardia*) *rufa*;

Carpathian elements: *Platyla banatica*;

Alpine-S Europe elements: *Vitrea* (*Vitrea*) *diaphana*, *Eucobresia diaphana*;

E Alpine, E Europe elements: *Aegopinella ressmanni*;

Alpine elements: *Carychium tridentatum*, *Vitrea subrimata*;

Alpine-Carpathian elements: *Isognomostoma isognomostomos*, *Discus* (*Goniodiscus*) *perspectivus*, *Sphyradium doliolum*, *Granaria frumentum*;

Dinaric elements: *Trichia* (*Trichia*) *erjavecii*;

Mediterranean elements: *Pomatias elegans*, *Haitia* (*Costatella*) *acuta*, *Cecilioides* (*Cecilioides*) *acicula*, *Monacha* (*Monacha*) *cartusiana*;

Balkan elements: *Holandriana holandri*, *Lehmannia brunneri*, *Limax conemenosi*.

Based on all these data, the fauna of Gastropoda in Fruška Gora is consisting mainly of the Southern and South-eastern European elements.

Among them, from the fresh waters are known 21 species belonging to 15 genera and 9 families.

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