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Research areas:

Biology, taxonomy, ecology, faunistics, zoogeography

Research expertise

entomology, malacology

Education

- Doctoral Studies: Faculty of Biology, University of Belgrade, Phd Thesis (Chrysomelidae (Coleoptera) fauna of Obedska bara and Mt. Fruška gora (Serbia)), 2012.
- Undergraduate studies: Faculty of Biology, University of Belgrade, Belgrade, 2006.

Work experience

- 2015– Research Associate, Geographical Institute „Jovan Cvijić“ SASA, Belgrade.
- 2011–2015. Research Associate, Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Belgrade, Department of Ecology and Technoeconomics.
- 2008–2011. Institute of Forestry, Belgrade, Department of Plant Diseases and Pests, Belgrade.

Science Projects

- 2015. Geography of Serbia (Ministry of Education, Science and Technological Development of Republic of Serbia, III 47007).
- 2011–2015. Geological and ecotoxicological exploration and identification of geopathogenic zones of toxic elements in water reservoirs – investigation of methods and procedures for reduction of the effect of biogeochemical anomalies (Ministry of Education, Science and Technological Development of Republic of Serbia, OI 176018)
- 2011. Development of new procedures for optimal wood biomass production in forestry (Ministry of Education, Science and Technological Development of Republic of Serbia, OI 31070).
- 2009–2010. Changes in forest ecosystems caused by global warming (Ministry of Education, Science and Technological Development of Republic of Serbia, OI 20052).

- 2008. Investigation of compatibility of mineral oils and chemical insecticides with Btk and their complementary usage for the suppression of infestations of forest pest insect species (Ministry of Education, Science and Technological Development of Republic of Serbia, OI 6823)

Selected Bibliography

Gavrilović, B. and D. Stojanović (2008). The Scarabaeidae (Coleoptera, Insecta) of mount Fruška Gora, 89–123. In: *The Diversity of Coleoptera of the Fruška Gora National Park. Part One* (Ed. Ćurčić, S. B.). Fruška Gora National Park and Directorate of Forests, Ministry of Agriculture, Forestry, and Water Management of the Republic of Serbia; Novi Sad; pp. 293.

Gavrilović, B. & Ćurčić, S. B. (2010). Diversity of species of the family Scarabaeidae (Coleoptera) in Serbia. *Archives of Biological Sciences*, 62 (3): 755–765.

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Ćirić, M., Vidović, M., Milenković, P., Vučković, M. i **Gavrilović, B.** (2012). Dugoročna dinamika trofičnosti i koncentracije nutrijenata u vodi akumulacije „Grište“, 131–136. U: Dvanaesta međunarodna konferencija „Vodovodni kanalizacioni sistemi“ (Eds. Popović, S., Kujundžić, B., Slavković, T., Tadić, T.); Jahorina, 23–25. maj 2012. Udruženje za tehnologiju vode i sanitarno inženjerstvo, Beograd, pp. 315.

Gavrilović, B. & Ćurčić, S. B (2013). The Diversity of the Family Chrysomelidae (Insecta: Coleoptera) of the Obedska Bara Special Nature Reserve (Vojvodina Province, Serbia), with Special Reference to the Host Plants. *Acta Zoologica Bulgarica*, 65 (1): 37–44.

Gavrilović, B. & Savić, D. (2013). Invasive bruchid species *Bruchidius siliquastris* Delobel, 2007 and *Megabruchidius tonkineus* (Pic, 1914) (Insecta: Coleoptera: Chrysomelidae: Bruchinae) new in the fauna of Serbia – review of the distribution, biology and host plants. *Acta entomologica serbica*, 18 (1/2): 129–136.

Ćirić, M., **Gavrilović, B.**, Subakov-Simić, G., Zebić, G., Vučković, M. & Vidović, M. (2013). Kvalitet vode akumulacije Grište, 161-166. U: *42. godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda "Voda"* (Ur. Djukić, A.); Perućac, 4-6. jun 2103. Srpsko društvo za zaštitu voda, Beograd, pp. 452.

Gavrilović, B., Gavrilović, B., Ćurčić, S., Stojanović, D. & Savić, D. (2014). Leaf beetles (Coleoptera: Chrysomelidae) of Mt. Fruška Gora (Vojvodina Province, Northern Serbia), with an overview of host plants. *Šumarski list*, 138 (1–2): 29–41.

Gavrilović, B., Gavrilović, B., Tabaković-Tošić, M. (2015). Temporal variations of Chrysomelid abundance and herbivory in hybrid poplar (*Populus × canadensis* Moench) plantation in Serbia. *Journal of the Entomological Research Society*, 17 (3): 59–67.

Ćirić, M., **Gavrilović, B.**, Subakov Simić, G., Krizmanić, J., Vidović, M. & Zebić, G. (2015). Driving factors affecting spatial and temporal variations in the structure of phytoplankton functional groups in a temperate reservoir. *Oceanological and Hydrobiological Studies*, 44 (4): 431–444.