

mr Aleksandra Petrović, asistent

Uža naučna oblast: Zoologija

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Obrazovanje

- **Dipl. biolog (2003)** – Prirodno-matematički fakultet u Novom Sadu, Departman za biologiju i ekologiju, smer – diplomirani biolog
- **Magistar nauka (2010)** - Poljoprivredni fakultet, u Novom Sadu, smer – Poljoprivredna, veterinarska i medicinska zoologija

Odabrane publikacije

1. Jurišić A., Rajković D., **Petrović A.** (2009): Ticks (Acarina: Ixodidae) of Fruska gora (the first data). In Invertebrates (Invertebrata) of the Fruska gora Mountain, Odeljenje za prirodne nauke, Matica Srpska, Novi Sad, 55-62, ISBN 978-86-7946-033-2.
2. Jurišić, A., **Petrović, A.**, Rajković, D., Nićin, S. (2010): The application of lambda-cyhalothrin in tick control. *Experimental and Applied Acarology*, 52:101-109.
3. **Petrović, A.**, Jurišić, A., Rajković, D. (2010): Seasonal distribution and species association among spider mites (Acari: Tetranychidae) and predatory mites (Acari: Phytoseiidae and Stigmaeidae) in Serbian apple orchards. *International Journal of Acarology*, 36(6): 519-526.
4. Jurišić, A., **Petrović, A.**, Rajković, D., Beuković, M. (2012): Monitoring of tick species (Acari: Ixodidae) in Vojvodina hunting resorts. *Proceedings of the Hunting Symposium: Modern aspects of sustainable management of game population*, 22-24 June, Zemun-Belgrade, pp: 122-125. ISBN: 978-86-7834-153-3, UDC: 639.1(082).
5. Potkonjak, A., Savic, S., Jurisic, A., **Petrovic, A.**, Suvajdzic, Lj., Lako Bj., Milosevic, N., Novakovic, Z. (2013): Seroepidemiological Research of Canine Monocytic Ehrlichiosis in the Autonomous Province of Vojvodina, Serbia. *Acta Scientiae Veterinariae*, 41:1106, 1-8, ISSN 1679-9216 (Online).

Odabrani projekti

1. Projekat Uprave veterine: Utvrđivanje prisustva i raširenosti infekcije izazvane sa *Borrelia spp.* i *Ehrlichia spp.* u populaciji pasa u delu regiona južno-bačkog okruga AP Vojvodina, kao i utvrđivanje inficiranosti krpelja uzročnicima ovih oboljenja i njihov monitoring (2007-2009). Broj: 401-00-13644. (učesnik)

2. Projekat Javnog vodoprivrednog preduzeća „Vode Vojvodine“: Gustina populacija glodara – njihov uticaj na stanje nasipa. 2008-2011. Broj: 08-341/1. (učesnik)
3. Ministarstvo životne sredine i prostornog planiranja Republike Srbije: Usluge stručnog nadzora za suzbijanje krpelja u toku 2008. godine. Broj: 401-00-292/08-01. (učesnik)
4. Pokrajinski sekretarijat za nauku i tehnološki razvoj: „Istraživanje Lajmske bolesti i drugih vektorski prenosivih zoonoza u Vojvodini“, od 2011-2014, broj: 114-451-1892/2011-03. (učesnik)
5. Ministarstvo prosvete i nauke Republike Srbije: „Praćenje zdravstvenog stanja divljači i uvođenje novih biotehnoloških postupaka u detekciji zaraznih i zoonoznih agenasa - analiza rizika za zdravlje ljudi, domaćih i divljih životinja i kontaminaciju životne sredine“ 2011.-2014., TR 31084. (učesnik)

Akaderske aktivnosti

- **Nastava** iz uže naučne oblasti zoologije i akarologije na osnovnim akademskim, master

Članstvo u udruženjima

- **Entomološko društvo Srbije,**
- **SOVE (Society for Vector Ecology),**
- **EMCA (European Mosquito Control Association),**
- **Društvo za zaštitu bilja Srbije**

Ostale aktivnosti

- Učešće na većem broju nacionalnih i evropskih skupova
- Stručna specijalizacija u obliku letnje škole: Univerzitetu Hohenheim, Nemčka (2007)
- Završeni kursevi u okviru Tempus programa International Joint Master Degree in Plant Medicine (IPM), Tempus IV, 2009 (158875-TEMPUS-1-2009-1-IT-TEMPUS-JPCR): „Agricultural Acarology“ 2011. godine, Novi Sad i „Nematology“ 2012. godine, Osijek, Hrvatska
- Govori, čita i piše engleski, služi se italijanskim i nemačkim jezikom

Assistant Aleksandra Petrović, M.Sc.

Field of research: Zoology

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Academic qualifications

- **B.Sc.** (2003) - University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology
- **M.Sc.** (2010) - University of Novi Sad, Faculty of Agriculture

Selected publications

1. Jurišić A., Rajković D., **Petrović A.** (2009): Ticks (Acarina: Ixodidae) of Fruska gora (the first data). In Invertebrates (Invertebrata) of the Fruska gora Mountain, Odeljenje za prirodne nauke, Matica Srpska, Novi Sad, 55-62, ISBN 978-86-7946-033-2.
2. Jurišić, A., **Petrović, A.**, Rajković, D., Nićin, S. (2010): The application of lambda-cyhalothrin in tick control. *Experimental and Applied Acarology*, 52:101-109.
3. **Petrović, A.**, Jurišić, A., Rajković, D. (2010): Seasonal distribution and species association among spider mites (Acari: Tetranychidae) and predatory mites (Acari: Phytoseiidae and Stigmaeidae) in Serbian apple orchards. *International Journal of Acarology*, 36(6): 519-526.
4. Jurišić, A., **Petrović, A.**, Rajković, D., Beuković, M. (2012): Monitoring of tick species (Acari: Ixodidae) in Vojvodina hunting resorts. *Proceedings of the Hunting Symposium: Modern aspects of sustainable management of game population*, 22-24 June, Zemun-Belgrade, pp: 122-125. ISBN: 978-86-7834-153-3, UDC: 639.1(082).
5. Potkonjak, A., Savic, S., Jurisic, A., **Petrovic, A.**, Suvajdzic, Lj., Lako Bj., Milosevic, N., Novakovic, Z. (2013): Seroepidemiological Research of Canine Monocytic Ehrlichiosis in the Autonomous Province of Vojvodina, Serbia. *Acta Scientiae Veterinariae*, 41:1106, 1-8, ISSN 1679-9216 (Online).

Selected projects

1. Determination the presence and extent of the infection caused by *Borrelia spp.* and *Ehrlichia spp.* in dog populations in the south part of Backa District (AP Vojvodina), establishing the tick infestation caused by these agents and their monitoring. Veterinary Department of Ministry of Agriculture, Forestry and Water Management, 2007-2009, No: 401-00-13644 (Participant)
2. Rodent population densities and their influence on river banks. Public water management company "Vode Vojvodine" Novi Sad, 2008-2011, No: 08-341/1 (Participant)

3. Professional supervision of tick monitoring and control. Ministry of Environmental Protection and Spatial Planning, 2008, No: 401-00-292/08-01 (Participant).
4. The study of Lyme disease and other vector-borne zoonoses in Vojvodina. Secretariat of Science and Technological Development, 2011-2014, No: 114-451-1892/2011-03 (Participant).
5. Wild animal health monitoring and introduction of new biotechnology procedures in detection of infectious and zoonotic agents – risk analysis for human health, domestic and wild animal health and for environmental contamination. Ministry of Education, Science and Tehnological Development, 2011.-2014., No: TR 31084, (Participant)

Academic activities

- Teaching at undergraduate and postgraduate studies (Zoology, Biology, Acarology)

Memberships

- Entomological Society of Serbia,
- SOVE (Society for Vector Ecology),
- EMCA (European Mosquito Control Association),
- Plant Protection Society of Serbia

Other activities

- Participant in numerous international and national meetings
- Professional specialization in the form of summer school, University of Hohenheim, Germany (2007)
- Training activity in Agricultural Acarology and Nematology, International Joint Master Degree in Plant Medicine (IPM), Tempus IV, 2009 (158875-TEMPUS-1-2009-1-IT-TEMPUS-JPCR) (2011-2012)
- Language skills: English, Italian and German