

A. CĂRȚI PUBLICATE

1. **Petrovici M.** 2015 (redactare texte). *Atlasul păsărilor de interes comunitar din România*. Editor: Fundația Centrul Național pentru Dezvoltare Durabilă. Material realizat de NOI MEDIA PRINT S.A. în colaborare cu Media & Nature Consulting S.R.L., sub coordonarea Societății Ornitologice Română/BirdLife International și Asociației pentru Protecția Păsărilor și a Naturii „Grupul Milvus”, în cadrul proiectului 36586 SMIS-CSNR „Sistemul național de gestiune și monitorizare a speciilor de păsări din România în baza articolului 12 din Directiva Păsări”, co-finanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Sectorial Mediu, 608 pagini.
2. **Petrovici M.** 2009. *Evaluarea calității râului Crișul Repede, utilizând larvele de efemeroptere (Insecta: Ephemeroptera) ca bioindicatori*. Editura Universității din Oradea, Oradea, ISBN 978-973-759-978-0, 272 pagini [editură recunoscută CNCSIS, cod 149]
3. Pricope F., Battes W. K., **Petrovici M.** 2007. *Hidrobiologie: lucrări practice*. Editura Alma Mater, Bacău, ISBN 973-8382-70-0, 143 pagini [editură recunoscută CNCSIS, cod 14]

B. CAPITOLE ÎN CĂRȚI

1. **Petrovici M.** 2013 (editare texte situri). *Catalogul habitatelor, speciilor si siturilor – Info Natura 2000 in Romania*, Tudor Brînzan (redactor); Editor: Fundația Centrul Național pentru Dezvoltare Durabilă. – București, Exclus Prod, ISBN 978-606-8534-17-6, 784 pagini
2. Nagy A., Szilard D. J., **Petrovici M.**, Boboescu I. 2010. *Păsările*, pp: 47-70, în: M. Petrovici & I. Boboescu 2010 (eds.): *Lucrări practice de ecologie*. Editura Universității din Oradea, Oradea, ISBN 978-606-10-0098-2, 106 pagini [editură recunoscută CNCSIS, cod 149]
3. **Petrovici M.** 2010. *Biodiversitatea Parcului Natural Cefa*, pp: 7-11, în: M. Petrovici & I. Boboescu 2010 (eds.): *Lucrări practice de ecologie*. Editura Universității din Oradea, Oradea, ISBN 978-606-10-0098-2, 106 pagini [editură recunoscută CNCSIS, cod 149]
4. **Petrovici M.** 2007. *Ordinul Ephemeroptera*, pp: 125-126, în: Moldovan et al. 2007 (eds.): *Checklist of Romanian Fauna (terrestrial and freshwater species)*. Casa Cărții de Știință. Cluj-Napoca, ISBN 978-973-133-130-0, 411 pagini [editură recunoscută CNCSIS, cod 24]
5. **Petrovici M.**, Iluț I., Pârvulescu L. 2005. *Diversity of bentonic invertebrates fauna from the Rivers of the Vânători-Neamț Natural Park, with special references at mayflies (Insecta: Ephemeroptera) and triclads (Plathelminthes: Turbellaria)*, pp: 60-74, în: R. Deju and S. Cătănoiu, (eds.): *Studies and Research in Vânători Neamț Natural Park, vol. I*. Editura Terra Design, ISBN 973-87364-0-4, 126 pagini
6. Pârvulescu L., **Petrovici M.** 2005. *Diversity of crustacea fauna from Vânători-Neamț Natural Park*, pp: 54-59, în: R. Deju and S. Cătănoiu, (eds.): *Studies and Research in Vânători Neamț Natural Park, vol. I*. Editura Terra Design, ISBN 973-87364-0-4, 126 pagini
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C. ARTICOLE ISI

1. Pîrvu M., **Petrovici M.** 2013. *DPSIR conceptual framework role: a case study regarding the threats and conservation measures for caddisflies (Insecta: Trichoptera) in Romania*. *Knowledge and Management of Aquatic Ecosystems* 41, pp: 11-16 (FI: 0.928)

2. **Petrovici M.**, Molnar P., Sándor D.A. 2013. *Trophic niche overlap of two sympatric owl species (Asio otus Linnaeus, 1758 and Tyto alba Scopoli, 1769) in North-Western part of Romania*. North-Western Journal of Zoology 9(2), ISSN 1584-9074, pp: 250-256 (FI: 0.7)
3. **Petrovici M.**, Bălan M. S., Gruia R., Pop O. G. 2010. *Diversity of macrozoobenthic community from fish farms as a consequence of the fisheries management*. Environmental Engineering and Management Journal 9(12), ISSN 1582-9596, pp: 1589-1592. (FI: 1.435)

D. ARTICOLE INDEXATE BDI ȘI/SAU CNCSIS B+

1. Rădac I.A., **Petrovici M.** 2016. *Studies regarding the true bugs fauna (Insecta: Heteroptera) in Cefa Nature Park (Crișana, Romania)*. Acta Oecologica Carpatica 9, ISSN-L 2065-7064, pp: 121-132
2. Marin A.-A., Lixandru B., **Petrovici M.**, Sinitean A., Morariu F., Popescu D. 2016. *The structure and dynamics of macrozoobenthic communities of the Bega River Water*. Bulletin USAMV series Agriculture 73(1), ISSN 1843-5246, pp: 53-58
3. Marin A.-A., Lixandru B., **Petrovici M.**, Sinitean A., Popescu D., Ciulan V., Cioban G., Morariu F., 2016. *Research regarding the changes that occur in the structure of benthic macroinvertebrates communities as a result of anthropogenic activities*. Scientific Papers: Animal Science and Biotechnologies 49(1), ISSN 1841-9364, pp: 163-167
4. Marin A.-A., Lixandru B., Morariu F., Morariu S., **Petrovici M.**, Sinitean A., Popescu D. 2015. *Research regarding the changes to the biodiversity of the Bega River water fauna*. Lucr ST.USAMV Iași, seria Medicină Veterinară 58(3), ISSN: 1454-7406, pp: 547-553
5. Marin A.-A., Lixandru B., **Petrovici M.**, Sinitean A., Morariu F., Popescu D. 2015. *Ecological diagnosis of Bega River water quality depending on the topography of Timișoara City*. Scientific Papers: Animal Science and Biotechnologies 48(1), ISSN 1841-9364, pp: 245-249
6. Marin A.-A., Lixandru B., Sinitean A., **Petrovici M.**, Morariu F., Popescu D., Lati V. 2015. *The composition of benthic vernal diatoms communities on the lower course of Bega River*. Bulletin USAMV series Agriculture 72(2), ISSN 1843-5246, pp: 423-427
7. **Petrovici M.**, Nagy A. 2014. *Structure of bird communities from Cefa Nature Park*. Transylvanian Review of Systematical and Ecological Research 16(1), ISSN 1841-7051, pp: 109-124
8. Benedek A.-M., Drăgulescu C., Frink J.P., **Petrovici M.** 2012. *Flora and habitats of Cefa Nature Park (Crișana, Romania)*. Transylvanian Review of Systematical and Ecological Research 13, ISSN 1841-7051, pp: 35-68
9. Pîrvu M., Ciubuc C., **Petrovici M.** 2012. *Caddisflies (Insecta, Trichoptera) community structure in Cefa Nature Park (Crișana, Romania)*. Transylvanian Review of Systematical and Ecological Research 13, ISSN 1841-7051, pp: 107-118
10. Dehelean Ș.-B., Varvara M., **Petrovici M.** 2012. *Seasonal dynamics of the ground beetles (Coleoptera, Carabidae) in Cefa Nature Park (Crișana, Romania)*. Transylvanian Review of Systematical and Ecological Research 13, ISSN 1841-7051, pp: 141-152
11. Dehelean Ș.-B., **Petrovici M.** 2012. *Community structure and seasonal dynamics of the epigeal fauna from four main habitats in Cefa Nature Park (Crișana, Romania)*. Transylvanian Review of Systematical and Ecological Research 13, ISSN 1841-7051, pp: 153-160

12. Sevianu E., **Petrovici M.**, David A. 2012. *Presence of the hazel dormouse – Muscardinus avellanarius (Linnaeus, 1758) (Rodentia, Gliridae) in the Cefa Nature Park (Crișana, Romania) with notes on the biology of the species.* Transylvanian Review of Systematical and Ecological Research 13, ISSN 1841-7051, pp: 205-210
13. Petrehele A.I.G., Fodor A., **Petrovici M.** 2012. *Assessment of heavy metal content (Mn, Zn, Cu and Fe) in Crișul Repede River water (NW Romania) upstream and downstream of Oradea and Sîntion.* Analele Universității din Oradea, Fascicula Protecția Mediului 18, ISSN 1224-6255, pp: 420-427
14. Berchi G.M., Kment P., **Petrovici M.** 2012. *First record of the backswimmer Notonecta meridionalis (Hemiptera: Heteroptera: Notonectidae) in Romania.* Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa" 55(2), ISSN 1223-2254, pp: 217-220
15. Sinitean A., Ianovici N., **Petrovici M.** 2012. *Composition and structure of the epilithic diatom communities from Izbucul Cernei, Cernișoara and the confluence area (Gorj County).* AES Bioflux 4(2), ISSN 2066-7620, pp: 37-49
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17. Krstić V., Madić B., Blagojević B., Albușescu M., Uruioac S., **Petrovici M.**, Dascălu D. 2011. *Advanced materials in environmental protection.* Annals of West University of Timișoara, Series of Chemistry 20(4), ISSN 1224-9513, pp: 105-111
18. Berchi G. M., **Petrovici M.**, Ilie D. M. 2011. *Aquatic and semiaquatic true bugs (Heteroptera: Nepomorpha) of Cefa Nature Park (North-Western Romania).* Analele Universității din Oradea, Fascicula Biologie 18(1), ISSN 1224-5119, pp: 29-33
19. Fodor A., Petrehele A. I. G, Bereczki E., Cărăban A. M., Blidar C. F., Calapod A. M., Stănășel O. D., Vancea A., **Petrovici M.**, Simuț C. 2011. *Monitoring of heavy metal concentration in two species of vegetation along the Crișul Negru River Shore, Romania.* Studii și Cercetări, Universitatea "Vasile Alecsandri" din Bacău, Seria Biologie 20(1), ISSN: 1224-919X, pp: 57-64
20. Amza M. C., **Petrovici M.**, Gheoca V., 2011. *Preliminary study of the terrestrial gastropods diversity (Gastropoda: Stylomatophora) from Cefa Nature Park (NW of Romania).* AES Bioflux 3(1), ISSN 2066-7620, pp: 17-22
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22. Marin A. A., Dumbravă-Dodoacă M., **Petrovici M.**, Herlo G. 2011. *The human impact on benthic community structure and dynamics of different ecosystems from Lunca Mureșului Nature Park (West of Romania).* AACL Bioflux 4(1), ISSN 1844-8143, pp: 72-78
23. Răescu C.-S., Dumbravă-Dodoacă M., **Petrovici M.**, 2011. *Macrozoobenthic community structure and dynamics in Cerna River (western Romania).* AACL Bioflux 4(1), ISSN 1844-8143, pp: 79-87
24. Dumbravă-Dodoacă M., **Petrovici M.** 2011. *Environmental education on water quality in relation to life quality (Case study: influence on anthropic activities on water quality of Jiu river and its affluents – Southwest Romania).* Journal of Educational Sciences, 1(23), ISSN 1454-7678, pp: 33-37

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27. **Petrovici M.**, Dumbrovă-Dodoacă M. 2010. Biodiversity conservation management in the protected natural areas, by educating the local community. *Journal of Educational Sciences*, 2(22), ISSN 1454-7678, pp: 86-89
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30. Petrovici S., Trif A., Dumitrescu E., Muselin F., **Petrovici M.** 2010. *Potassium dichromate impact on some biomarkers of female reproductive system performances (litter size, sex ratio) and physical development (vaginal opening) in rats (F2 generation).* Scientific Papers: Animal Science and biotechnologies 43(1), ISSN 1221-5287, pp: 207-210
31. Petrovici S., Trif A., Igna V., **Petrovici M.**, Tulcan C. 2010. *Potassium dichromate impact on sexual cycle duration and regularity in female rats (F1 generation).* Scientific Papers: Animal Science and biotechnologies 43(1), ISSN 1221-5287, pp: 211-214
32. Trif A., Petrovici S., Igna V., Steliac S., **Petrovici M.** 2010. *Potassium dichromate (Cr VI) impact on fundamental biomarkers of reproductive functionality in female rats (six months exposure).* Scientific Papers: Animal Science and biotechnologies 43(1), ISSN 1221-5287, pp: 243-246
33. Trif A., Petrovici S., Dumitrescu E., Muselin F., **Petrovici M.** 2010. *Potassium dichromate impact on some biomarkers of physiological development (vaginal opening and weight at sexual maturity) in female rats related to exposure moment.* Scientific Papers: Animal Science and biotechnologies 43(1), ISSN 1221-5287, pp: 247-250
34. Petrovici S., Trif A., **Petrovici M.**, Dumitrescu E., Cristina R.T., Tulcan C. 2010. *Effect of potassium dichromate intake on water consumption and toxic amount intake, in female rats, Rattus norvegicus (exposure on three generations).* HVM Bioflux 2(1), ISSN 2066-7655, pp: 25-30
35. Petrovici S., Trif A., **Petrovici M.**, Dumitrescu E., Olariu L., Tulcan C., Ghise A. 2010. *Effect of potassium dichromate intake on feed intake and body weight, in female rats, Rattus norvegicus (exposure on three generations).* HVM Bioflux 2(1), ISSN 2066-7655, pp: 31-35
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43. Petrucean C., **Petrovici M.**, Dumbravă-Dodoacă M., Pârvulescu L. 2009. *Water quality analysis of lotic ecosystems of Nera and Caraș rivers catchments using benthic invertebrates as bioindicators*: Annals of West University of Timișoara, ser. Biology 12, ISSN 1453-7680, pp: 49-56
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45. Iluț I., Pârvulescu L., **Petrovici M.** 2006. *The diversity of tricladids fauna (Platyminthes: Turbellaria) from Retezat National Park*. Transylvanian Review of Systematical and Ecological Research 3 - Retezat National Park, ISSN 1841-7051, pp: 61-64
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E. ARTICOLE CNCSIS - C

1. Fodor A., **Petrovici M.**, Petrehele A.I.G., Morgovan C. 2011. *Assessing the impact of human activities on drinking water quality from wells in rural zones (NW Romania)*. Analele Universității din Oradea - Fascicula Chimie, 18, ISSN 1224-7626, pp: 64-69

F. ALTE ARTICOLE

1. Bălășoiu A.R., **Petrovici M.**, 2011. *Aspects concerning the avifauna in Gruia – Gârla Mare natural protected area*. Drobeta, Seria Științele Naturii 21, pp: 137-172

2. **Petrovici M.**, Ladislai A. 2011. *Data on the mayflies fauna (Insecta: Ephemeroptera) from Cefa area*. Romanian Journal of Aquatic Ecology 1(1), pp: 141-150

3. Dumbravă–Dodoacă M., Pârvulescu L., **Petrovici M.** 2010. *Contributions to knowing the caddisflies (Insecta: Trichoptera) Fauna Diversity in Vânători Neamț Nature Park*. Romanian Journal of Limnology 1(2): 145-154

4. Pricope F. Battes K. W., Stoica I., Ureche D., **Petrovici M.**, 2008. *Ichthyofauna status in the catchment areas of the rivers from the Apuseni Mountains Natural Park (Transylvania, Romania)*, Acta Ichtiologica Romanica 3, ISSN 1843-72-49 , pp: 113-124

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6. Sándor D. A., **Petrovici M.**, Sîrbu I. 1997. *Ragadozó és a fő zsákmányállat viszonya az erdei fülesbagolynál (The predator and the main prey-relationship by the Long-eared Owl)*. Múzeumi Füzetek 6, ISSN 1453-097X, pp: 172-177

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G. ARTICOLE PUBLICATE ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE (PROCEEDINGS)

1. Ciorsac A.A., Dascălu D., Bizerea Spiridon O., Sinitean A., **Petrovici M.**, Parvulescu L., Isvoran A. 2016. *Thematic excursions used as alternative strategies in the teaching and learning of the natural sciences at the university level*. AIP Conference Proceedings 1722, pp: 310004-1-4, Istanbul, Turcia

2. Krstić V., **Petrovici M.**, Fodor A., Petrehele A.I.G., Dumbravă–Dodoacă M., Sinitean A. 2012. *A survey of heavy metals dynamic in the Crișul Negru River (Romania) and their uptake by aquatic fauna*.

Proceedings of International October Conference on Mining and Metallurgy, 44th edition, Bor, Serbia, ISBN: 978-86-7827-042-0, pp: 699-704

3. Petrovici S., **Petrovici M.** 2004. *The endoparasites of the bisons (Bison bonasus) from the Vânători Neamț Natural Park*, Bulletin of the University of Agricultural Sciences and Veterinary Medicine 61, ISSN 1454-23890, pp: 304 (volum indexat ISI)

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H. ALTE LUCRĂRI ȘI CONTRIBUTII ȘTIINȚIFICE - în rezumat

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2. Marin A.-A., Lixandru B., **Petrovici M.**, Sinitean A., Popescu D., Morariu F. 2016. Research regarding the structure and dynamics of benthic communities of saprobionts from the Bega River. *CASEE Conference "The Role of Life Sciences in Europe's 2020 Strategy" 7th*, Timișoara, România, 22-24.05.2016, Book of Abstracts

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4. Marin A.-A., Lixandru B., **Petrovici M.**, Sinitean A. 2014. Diagnosis of Bega river water quality depending on the topography of Timișoara city. *International Scientific Symposium Bioengineering of Animal Resources*, Timișoara, România, 29-30.05.2014, Book of Abstracts

5. Rădac I.A., **Petrovici M.** 2012. A preliminary list of true bugs (Insecta: Heteroptera) collected in Cefa Nature Park. Sesiunea anuală științifică *Human impact on the structural and functional diversity of biological systems*, Iași, România, 26-27.09.2012, Book of Abstracts, pp: 20, 2012

6. Ghira I., Suci R., **Petrovici M.**, Kutași R. 2012. Fluctuating asymmetry as indicator of environmental stress in some populations of *Lacerta agilis* and *Lacerta viridis* from Romania. Sesiunea anuală științifică *Human impact on the structural and functional diversity of biological systems*, Iași, România, 26-27.19.2012, Book of Abstracts, pp: 21, 2012

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