

## A. CĂRȚI PUBLICATE

1. **Petrovici M.** 2022 (autor texte). *Atlasul păsărilor de interes comunitar din România*. Ediția a II-a. Produs de Exclus Prod SRL în cadrul proiectului 119428 SMIS “Completarea nivelului de cunoaștere a biodiversității prin implementarea sistemului de monitorizare a stării de conservare a speciilor de păsări de interes comunitar din România și raportarea în baza Articolului 12 al Directivei Păsări 2009/147/CE”, Editorul materialului: Ministerul Mediului, Apelor și Pădurilor, 623 pagini.
2. Badarau A.S., Barbos M.I., Burlacu R., Borcanea C.M., Ciornei L., Cipu C., Ciuiinel A., Corpade A., Corpade C.P., Danci O., David A., Dedu S., Dumitrașcu M., Frink P.J., Gavrilidis A.A., Grigorescu I, Horsia L., Ioan I., Iusan C., Licurici M., Manolache M., Mares A.M., Marusca T., Milanovici S.J., Negreanu S., Negreanu M.I., Onose D.A., Ontel I., Panaitescu F.G., Panaitescu M., Pascu I.S., Petrovici M., Pop O.G., Popescu I.C., Samoila C., Sin A., Sinitean A., Szép R., Teodosiu M.C., Trandafir M., Vasiliu I.M., Valcea C. 2018. *Cartarea ecosistemelor naturale si seminaturale degradate*. Editura Academiei Romane, București, ISBN 978-973-27-2902-1
3. **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”, cofinanțat din Fondul European de Dezvoltare Regională prin Programul Operațional Sectorial Mediu, 608 pagini.
4. **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]
5. 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] **DE SCANAT**
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 tricladids (*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
  7. Petrovici S., **Petrovici M.** 2005. *Endoparasites of the bisons (*Bison bonasus*) from the Vânători-Neamț Natural Park (Comparative study 2003-2004)*, pp: 122-123, 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

### C. ARTICOLE ISI

1. Horablaga A., Lixandru B., **Petrovici M.**, Sinitean A., Marin A.-A., Morariu F., Horablaga M., Morariu S. 2020. Use of benthic macroinvertebrates in the diagnosis of Bega River water quality and self-purification process. *Environmental Engineering and Management Journal* 19(3): 505-510.
2. Ciocănea C.M., Corpade P.C., Onose D.A., Vânău G.O., Maloș C., **Petrovici M.**, Gheorghe C., Dedu S., Manta N., Szép R.E. 2019. The assessment of lotic ecosystems degradation using multi-criteria analysis and GIS techniques. *Carpathian Journal of Earth and Environmental Sciences* 14(2): 255 – 268. DOI:10.26471/cjees/2019/014/077.
3. Șandric I., Satmari A., Zaharia C., **Petrovici M.**, Cîmpean M., Battes K.-P., David D.-C., Pacioglu O., Weiperth A., Gál B., Pîrvu M., Muntean H., Neagul M., Spătaru A., Toma C.G., Pârvulescu L. 2019. *Integrating catchment land cover data to remotely assess freshwater quality: a step forward in heterogeneity analysis of river networks*. *Aquatic Sciences* 81: 26. ISSN: 1015-1621 (Print) 1420-9055 (Online). (FI: 3,622).
4. 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).
5. **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)
6. **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. Piluță D.-G., Petrovici M. 2024. Ichthyofauna of the Gilort River. *Acta Oecologica Carpatica* XVII (in press).
2. Mănduță C., Petrovici M. 2023. The importance of zoological gardens in the conservation of biodiversity. *Annals of West University of Timișoara, ser. Biology* 26 (1): 23-42.

3. Covaciu M.-C., Petrovici M. 2023. Contribution to the knowledge of the butterfly fauna (Insecta: Lepidoptera) from Apuseni Natural Park. *Annals of West University of Timișoara, ser. Biology* 26 (1): 43-52.
4. Morariu, F., Lixandru B., Petrovici M., Sinitean A., Vlad, F.M., Ferencz M.A., Cherciu M.R., Marin A.A. Horablaga A. 2019. Research regarding the use of benctonic macro invertebrates on bega river water quality determination in the timisoara area. *Scientific Papers: Animal Science and Biotechnologies* 52(2): 157-161.
5. Pacioglu O., Satmari A., Petrovici M., Pîrvu M., Cîmpean M., Battes K.P., Lele S.F., Curtean-Bănăduc A., Pârvulescu L. 2019. Flash-floods influence macroinvertebrate communities distribution in lotic ecosystems. *Transylv. Rev. Syst. Ecol. Res.* 21.1 "The Wetlands Diversity": 45-56.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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. [DE TAIAT PDF-UL](#)
11. 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.
12. 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.
13. 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.
14. Dehelean Ș.-B., **Petrovici M.** 2012. *Community structure and seasonal dinamycs 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.
15. Seviianu 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.

16. Petrehele A.I.G., Fodor A., **Petrovici M.** 2012. *Assessment of heavy metal content (Mn, Zn, Cu and Fe) in Crişul Repede River water (NW Romania) upstream and downstream of Oradea and Sîntion*. Analele Universităţii din Oradea, Fascicula Protecţia Mediului 18, ISSN 1224-6255, pp: 420-427.
17. 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.
18. 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.
19. **Sinitean A., Petrovici M.** 2012. *Usage of Biotic Indices in Evaluating the Impact of the Urban Centres on the Quality of the Water in Rivers*. AACL Bioflux 5(2), ISSN 1844-8143, pp: 60-63.
20. Krstić V., Madić B., Blagojević B., Albulescu 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.
21. Berchi G. M., **Petrovici M.**, Ilie D. M. 2011. *Aquatic and semiaquatic true bugs (Heteroptera: Nepomorpha) of Cefa Nature Park (North-Western Romania)*. Analele Universităţii din Oradea, Fascicula Biologie 18(1), ISSN 1224-5119, pp: 29-33.
22. 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 Crişul Negru River Shore, Romania*. Studii și Cercetări, Universitatea "Vasile Alecsandri" din Bacău, Seria Biologie 20(1), ISSN: 1224-919X, pp: 57-64.
23. 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.
24. **Eftenoiu C.-C., Petrovici M., Pârvulescu L.** 2011. *Assessment on the Ephemeroptera distribution (Insecta) in relation with aquatic parameters in different rivers from Aninei Mountains (SW Romania)*. AACL Bioflux 4(1), ISSN 1844-8143, pp: 27-39.
25. **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 Mureşului Nature Park (West of Romania)*. AACL Bioflux 4(1), ISSN 1844-8143, pp: 72-78.
26. **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.
27. **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.
28. **Dumbravă-Dodoacă M., Petrovici M.** 2010. *The influence of the anthropic activities on the benthonic macroinvertebrates communities existing in the Jiu and Jiul de Vest rivers, south-west of Romania*. AACL Bioflux 3(2), ISSN 1844-8143, pp: 133-140.

29. **Petrovici M.**, Pacioglu O. 2010. *Heavy metal concentrations in two species of fish from the Crișul Negru River, Romania*. AACL Bioflux 3(1), ISSN 1844-8143, pp: 51-60.
30. **Petrovici M.**, Dumbravă-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.
31. **Petrovici S.**, Trif A., **Petrovici M.**, Cristina R. T., Tulcan C. 2010. *Consequences of potassium dichromate intake on proteic profile in female rats, Rattus norvegicus (six months exposure)*. ABAH Bioflux 2(1) ISSN 2067-6344, pp: 11-14.
32. Trif A., Petrovici S., Dumitrescu E., **Petrovici M.** 2010. *Dynamics of female sexual hormones in F1 generation female rats (Rattus norvegicus), exposed to potassium dichromate (Cr VI)*. ABAH Bioflux 2(1) ISSN 2067 – 6344, pp: 15-19.
33. 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.
34. 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.
35. **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.
36. 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.
37. 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.
38. **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.
39. Petrovici S., Trif A., Muselin F., Cristina R. T., **Petrovici M.** 2010. *Potassium dichromate impact on some biomarkers of female physical development (vaginal opening) in rats (three generation study)*. Lucr ST.USAMV Iași, seria Medicină Veterinară 53(12), ISSN 1454–7406, pp: 457-460.
40. Petrovici S., Trif A., Dumitrescu E., **Petrovici M.**, Tulcan C. 2010. *Consequences of potassium dichromate intake on energetic profile in female rats (six months exposure)*. Lucr ST.USAMV Iași, seria Medicină Veterinară 53(12), ISSN 1454–7406, pp: 461-464.
41. Glava S.N., Dumbravă-Dodoacă M., **Petrovici M.** 2010. *The importance of biodiversity conservation of water bodies: a case study concerning the structure and role of bioindicators in*

- Western Romania*. Annals of West University of Timișoara, ser. Biology 13, ISSN 1453-7680, pp: 101-106.
42. Varga A., **Petrovici M.**, Dumbravă-Dodoacă M., Pârvulescu L. 2010. *Water quality evaluation of Crișul Alb and Crișul Negru rivers catchments, from Codru-Moma Mountains (West of Romania), using benthic invertebrates communities*. Annals of West University of Timișoara, ser. Biology 13, ISSN 1453-7680, pp: 107-114.
  43. Ciobanu D., Semen I., **Petrovici M.**, Dumbravă-Dodoacă M., Pârvulescu L. 2009. *Macrozoobenthos communities structure in the upper tributaries of the Timiș River (South-West of Romania)*. Annals of West University of Timișoara, ser. Biology 12, ISSN 1453-7680, pp: 35-40.
  44. Pană A.-M., Suciuc A., Dumbravă-Dodoacă M., **Petrovici M.**, Pârvulescu L. 2009. *Study upon the macrozoobenthic communities from the Danube River by Baziaș-Porțile de Fier sector (South-Western Romania)*. Annals of West University of Timișoara, ser. Biology 12, ISSN 1453-7680, pp: 41-48.
  45. Tudorescu C., Dumbravă-Dodoacă M., **Petrovici M.**, Pârvulescu L. 2009. *Benthic macroinvertebrate community structure in the upper hydrographic basin of Cerna River in relation to water quality (West and South-Western Romania)*. Annals of West University of Timișoara, ser. Biology 12, ISSN 1453-7680, pp: 57-64.
  46. 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.
  47. Pricope F., Stoica I., Battes K. W., Ureche D., **Petrovici M.** 2009. *Ichthyofauna status in the catchment areas of the rivers from the Apuseni mountains natural park*. Studii și Cercetări Științifice Biologice, Seria Biologie Animală, Univ. din Bacău 17, ISSN 1224-919X, pp: 86-94.
  48. 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.
  49. Pârvulescu L., Iluț I., **Petrovici M.** 2006. *The diversity of crustaceans fauna (Arthropoda: Crustacea) from Retezat National Park*. Transylvanian Review of Systematical and Ecological Research 3 - Retezat National Park, ISSN 1841 – 7051, pp: 65-67.
  50. Iluț I., **Petrovici M.** 2003. *Preliminary studies concerning the diversity of Tricladids fauna (Platyminthes: Turbellaria) from Retezat National Park*. Stud. și cerc. șt. Biologie, serie nouă, Univ. din Bacău 8, ISSN 1224-919X, pp: 91-94.
  51. Pârvulescu L. **Petrovici M.**, 2003. *Preliminary studies concerning the diversity of the amphipods fauna (Crustacea: Amphipoda) from Vânători-Neamț Natural Park and Retezat National Park*. Stud. și cerc. șt. Biologie, serie nouă, Univ. din Bacău 8, ISSN 1224-919X, pp: 99-101.
  52. **Petrovici M.**, Tudorancea C. 2000-2001. *Structure, abundance and seasonal dynamics of mayfly communities (Insecta: Ephemeroptera) from Someșul Mic River (Romania)*. Annals of West University of Timișoara, ser. Biology 3-4, ISSN 1453-7680, pp: 115-122.
  53. **Petrovici M.**, Tudorancea C. 2000. *Structure and dynamics of mayflies populations (Insecta: Ephemeroptera) of the Crișul Repede River and the tributaries*. Stud. și cerc. șt. Biologie, serie nouă, Univ. din Bacău 5, ISSN 1224-919X, pp: 201-206.

54. **Petrovici M.** 1999. *Diversitatea faunei de efemeroptere în râurile Drăgan și Iad, principalele tributari ai Crișului Repede (Insecta: Ephemeroptera)*. Annals of West University of Timișoara, ser. Biology 2, ISSN 1453-7680, pp: 235-250.
55. **Petrovici M.**, Szatmári T. 1998. *Structure and seasonal dynamics of zoobenthic communities of three river sections in catchment area of Crișul Repede River*. Stud. și cerc. șt. Biologie, serie nouă, Univ. din Bacău 3, ISSN 1224-919X, pp: 205-215.

#### **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: 139-149.
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), in press. **DE VAZUT CE E CU EA**
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.
5. **Petrovici M.** 2007. *Sanctuar al biodiversității sau, Clisura Dunării*. Migrans IX, nr 1-2, ISSN 1454-0290, pp: 6-7.
6. Sándor D. A., **Petrovici M.**, Sîrbu I. 1997. *Ragadozó és a fő zsákmányállat viszonya az erdei fülesbagoly nál (The predator and the main prey-relationship by the Long-eared Owl)*. Múzeumi Füzetek 6, ISSN 1453-097X, pp: 172-177.
7. Sándor D. A., **Petrovici M.** 1996. *Rândunica roșcată (Hirundo daurica) pe Valea Cernei / Red-rumped Swallow (Hirundo daurica) on the Cerna Valley*. Migrans III, ISSN 1454 – 0290, pp: 31.

#### **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, 44<sup>th</sup> 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).
4. Fekete A., Lázár T., **Petrovici M.** 2003. *Physical and chemical characteristics of the waters of Micula Cave (Bihor Mountains, Romania) and their variations along the longitudinal section of the underground river*. Zbornik 4 Simpozijuma o Zaštiti Karsta (Proceedings of 4<sup>th</sup> Symposium on Karst Protection). Beograd (Belgrade), ISSN 0354-4885, pp: 59-64.

#### **H. ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE - în rezumat.**

1. 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, 26-27.19.2012, Book of Abstracts, pp: 20, 2012.
2. 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.
3. Dehelean Ș.-B., **Petrovici M.** 2011. Seasonal dynamics of the ground beetles (Coleoptera, Carabidae) in Cefa Nature Park (North West of Romania). Congresul internațional *Annual Zoological Congress of „Grigore Antipa” Museum*, ISBN 978-606-92462-4-5, București, România, 23-25.11.2011, Book of Abstracts, pp: 73, 2011.
4. Berchi G.M., **Petrovici M.**, Dumbravă-Dodoacă M. 2011. *Arctocorisa carinata* (Heteroptera: Corixidae) rediscovered after eighty years in Retezat National Park (Romania). Congresul internațional *Annual Zoological Congress of „Grigore Antipa” Museum*, ISBN 978-606-92462-4-5, București, România, 23-25.11.2011, Book of Abstracts, pp: 144, 2011
5. **Petrovici M.**, Dumbravă-Dodoacă M., Berchi G.M.. 2011. Mayflies (Insecta: Ephemeroptera) community structure in lower gorge area of the Mureș River (Western Romania). Congresul internațional *Annual Zoological Congress of „Grigore Antipa” Museum*, ISBN 978-606-92462-4-5, București, România, 23-25.11.2011, Book of Abstracts, pp: 165, 2011.
6. Dumbravă-Dodoacă M., **Petrovici M.**, Berchi G.M.. 2011. Caddisflies (Insecta: Trichoptera) community structure in Lunca Mureșului Nature Park (Western Romania). Congresul internațional *Annual Zoological Congress of „Grigore Antipa” Museum*, ISBN 978-606-92462-4-5, București, România, 23-25.11.2011, Book of Abstracts, pp: 167, 2011.
7. **Petrovici M.**, Răescu C.-S., Dumbravă-Dodoacă M. 2011. The impact of mining in the Bor Region (Serbia) on the water quality of Danube tributaries. Simpozionul internațional *The human impact on biodiversity in Black Sea area*, ISBN 978-606-598-097-6, Agigea-Constanța, România, 21-22.10.2011, Book of Abstracts, pp: 33, 2011.
8. **Petrovici M.**, Ureche D., Dumbravă-Dodoacă M. 2011. The diversity of benthic fauna in relation to fish fauna in the Lower Gorge area of the Mureș River. Simpozionul internațional *The human*

- impact on biodiversity in Black Sea area*, ISBN 978-606-598-097-6, Agigea-Constanța, România, 21-22.10.2011, Book of Abstracts, pp: 24, 2011.
9. Gheoca V., Sîrbu I., Benedek, A.M., **Petrovici M.** 2011. The mollusca fauna from the Cefa Nature Park (Bihor County, Romania). Simpozionul internațional *The human impact on biodiversity in Black Sea area*, ISBN 978-606-598-097-6, Agigea-Constanța, România, 21-22.10.2011, Book of Abstracts, pp: 49-50, 2011.
  10. Ciubuc C., Dumbravă-Dodoacă M., **Petrovici M.** Caddisflies (Insecta: Trichoptera) community structure in Cefa Nature Park (Crișana, România). *Aquatic Biodiversity Intenational Conference, 3<sup>rd</sup> edition*, ISBN 978-606-12-0210-2, Sibiu, România, 4-7.10.2011, Book of abstracts, pp: 76, 2011.
  11. Berchi M., **Petrovici M.**, Some faunistic data regarding aquatic and semiaquatic true bugs from Vânători Neamț Nature Park (Heteroptera: Nepormorpha, Gerromorpha). *Aquatic Biodiversity Intenational Conference, 3<sup>rd</sup> edition*, ISBN 978-606-12-0210-2, Sibiu, România, 4-7.10.2011, Book of abstracts, pp: 73, 2011.
  12. Dumbravă-Dodoacă M., Pacioglu O., **Petrovici M.** The ecological requirements of caddisflies larvae (Insecta: Trichoptera) and their usefulness in water quality assessment of a river in South-West Romania. *Aquatic Biodiversity Intenational Conference, 3<sup>rd</sup> edition*, ISBN 978-606-12-0210-2, Sibiu, România, 4-7.10.2011, Book of abstracts, pp: 47, 2011.
  13. Marin A. A., Dumbravă-Dodoacă M., **Petrovici M.**, Herlo G. The human impact on benthic community structure and distribution, from different aquatic ecosystems in Lunca Mureșului Nature Park (West of Romania). Simpozionul internațional *Ecology and Protection of Ecosystems, 9<sup>th</sup> edition*, ISBN 978-606-527-093-0, Bacău, România, 18-20.11.2010, Book of Abstracts, pp: 35, 2010.
  14. Răescu C.-S., Dumbravă-Dodoacă M., **Petrovici M.** Dynamics and structure of the macrozoobenthics communities in Cerna River (SW of Romania). Simpozionul internațional *Ecology and Protection of Ecosystems, 9<sup>th</sup> edition*, ISBN 978-606-527-093-0, Bacău, România, 18-20.11.2010, Book of Abstracts, pp: 36, 2010.
  15. Eftenoiu C.-C., **Petrovici M.**, Pârvulescu L. Studies on Ephemeroptera fauna (Insecta: Ephemeroptera) from aquatic ecosystems in Anina Mountains (SW of Romania). Simpozionul internațional *Ecology and Protection of Ecosystems, 9<sup>th</sup> edition*, ISBN 978-606-527-093-0, Bacău, România, 18-20.11.2010, Book of Abstracts, pp: 92, 2010.
  16. Berchi M., **Petrovici M.**, Ilie D. Aquatic and semi-aquatic true bugs (Heteroptera) of Cefa Nature Park (NW of Romania). Simpozionul internațional *Ecology and Protection of Ecosystems, 9<sup>th</sup> edition*, ISBN 978-606-527-093-0, Bacău, România, 18-20.11.2010, Book of Abstracts, pp: 42, 2010.
  17. Dehelean B. Ș., **Petrovici M.**, Burneci O. Diversity and dynamics of epigeal fauna from different ecosystems in Cefa Nature Park (NW of Romania). Simpozionul internațional *Ecology and Protection of Ecosystems, 9<sup>th</sup> edition*, ISBN 978-606-527-093-0, Bacău, România, 18-20.11.2010, Book of Abstracts, pp: 104, 2010.
  18. Frink J. P., **Petrovici M.** *Cirsium brachycephalum* Juratzka în România: localitate nouă, răspândire, habitate. Sesiunea științifică *Actualități în Biologia Vegetală, Ediția a XVII-a - Biodiversitate și Etnoecosisteme*, Beliș, România, 24-25.09.2010, Volumul de Abstracte, pp: 19-20, 2010.

**I. REVIEWS**

1. **Petrovici M.**, Dumbravă-Dodoacă M. 2010. *Transylvanian Review of Systematical and Ecological Research* 7(2009) - *The Arieș River Basin. Review*. Acta Oecologica Carpathica III, ISSN 2065 - 7064, pp: 187-188.