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Habilitation thesis title: Aspects of the distribution, population size, ecology and pathology of bird and mammal species of game and conservation interest

Domain: Forestry

PUBLICATIONS LIST

RELEVANT PAPERS

1. Tóth Piroška, Tarcsay B. L., Zsófia Kovács, **Ionescu D. T.**, Németh S., Domokos E., 2023. Assessment of the correlation between the nutrient load from migratory bird excrement and water quality by principal component analysis in a freshwater habitat. *Environmental Science and Pollution Research* 30: 66033-66049. <https://link.springer.com/article/10.1007/s11356-023-27065-3#Sec1>
2. **Ionescu D.T.**, Hodor V. C., Petrițan I. C., 2020. Artificial Wetlands as Breeding Habitats for Colonial Waterbirds within Central Romania. *Diversity* 12: 371. <https://www.mdpi.com/1424-2818/12/10/371>
3. Bouroș G., **Ionescu D. T.**, Hodor C., 2019. Observation of Eurasian Otter's diel activity using camera trapping in central-eastern Romania. *Vestnik Zoologii* 53: 47-56. <https://www.proquest.com/docview/2226769332?pq-origsite=gscholar&fromopenview=true>
4. **Ionescu D. T.**, Ciobotă Mihaela., Milac A.L., Ciobotă Andreea., Murariu D., 2019. New insights into fall passage ecology and behaviour of black storks (*Ciconia nigra*) at Dumbrăvița fishing complex (central Romania). *North-western Journal of Zoology* 15: (1), 101-106. https://biozoojournals.ro/nwiz/content/v15n1/nwiz_e182601_Ciobota.pdf
5. **Ionescu D.T.**, Hodor C., Drugă M., Drugă Mariana, 2018. Recent occurrence of the American Mink (*Neovison vison*) in the central Romania. *Proceedings of the Biennial International Symposium Forest and Sustainable Development 8th Edition, 25th – 28th of October 2018*, Brașov, Romania. Transilvania University Press. pp. 25-32. <https://silvic.unitbv.ro/images/conferinte/fsd/proceedings/3.-Ionescu-et-al.---ID-135.pdf>
6. **Ionescu D.T.**, Hodor C., Sandor D. A., 2017. Diet of wintering Short-eared Owl *Asio flammeus* (Pontoppi-dan 1763) (Strigiformes: Strigidae) in south-eastern Romania. *Acta Zoologica Bulgarica* 69(2): 295-297. https://www.researchgate.net/publication/318014897_Diet_of_Wintering_Short-eared_Owl_Asio_flammeus_Pontoppidan_1763_Strigiformes_Strigidae_in_South-eastern_Romania
7. Ionica A. M., Matei I. A., D'Amico G., Daskalaki A. A., Jurankova J., **Ionescu D. T.**, Mihalca A. D., Modry D., Gherman C. M., 2016. Role of golden jackals (*Canis aureus*) as natural reservoirs of *Dirofilaria* spp. in Romania. *Parasites and Vectors* 9: 240. <https://www.biomedcentral.com/search?query=Role+of+golden+jackals+%28Canis+aureus%29+as+natural+reservoirs+of+Dirofilaria+spp.+in+Romania&searchType=publisherSearch>
8. Mihalca A. D., Dumitrache M. O., Magdaș C., Gherman C. M., Domșa C., Mircean V., Ghira I. V., Pocora V., **Ionescu, D. T.**, Siko Barabasi S., Cozma V., Sandor A. D., 2012, Synopsis of the hard ticks (Acari: Ixodidae) of Romania with update on host associations and geographical distribution. *Experimental and Applied Acarology* 58(2): 183-206. https://www.academia.edu/2777863/Synopsis_of_the_hard_ticks_Acari_Ixodidae_of_Romania_with_update_on_host_associations_and_geographical_distribution
9. Sandor D. A., **Ionescu D. T.**, 2009, Diet of the eagle owl (*Bubo bubo*) in Brașov, Romania, *North-western Journal of Zoology* 5 (1): 170-178. <https://www.biozoojournals.ro/nwiz/content/v5.1/nwiz.051117.Sandor.pdf>
10. Sandor A. D., **Ionescu D. T.**, 2006, Diet of the Peregrine Falcon based on prey remains from a nesting area in Bârsei Depression, Romania, *Bulletin of the Transylvania University of Brașov* 13(48): 263-266.

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BOOKS / BOOK CHAPTERS

1. **Ionescu D. T.**, 2005. Fauna and Habitats Conservation. Ed. Transilvania Univ. from Braşov. 109 pages.
2. **Pop O. G. (Editor)**, 2006. Tâmpa Mountain, the reserve in the heart of the city (chapter as author): Birds of the Tâmpa Mountain Reserve. Ed. Transilvania Univ. from Braşov, pages: 96-99.
3. Pop O. G., **Ionescu D. T.**, Furnică R., 2006. Birds from Piatra Craiului National park. Ed. Transilvania Univ. from Braşov. 300 pages.
4. **Pop O. G. (Ed.)**, 2007. Piatra Craiului National Park as Natura 2000 Site (chapter as author – bird species), Ed. Transilvania Univ. from Braşov., pages: 47-53.
5. Pop O. G., **Ionescu D. T.**, Maria-Mihaela Antofie, 2014. Dumbravita-Rotbav-Magura Codlei protected area thematic guide for students. Ed. Ars Docendi. 70 pages.
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8. Pop O. G., **Ionescu D. T.**, Antofie Maria-Mihaela, 2014. The visitor's guide in the Bogata Forest and Bogăţii Forest protected areas. Ed. Ars Docendi. 73 pages.
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10. Fedorca M., **Ionescu D. T.**, Fedorca Ancuţa (chapter IV: Methodology for achievement of ecological corridors for birds) 2020. In: Methodology for achievement of ecological corridors for species and habitats. Ed. Transilvania Univ. from Braşov. pages: 20-36.
11. **Ionescu D. T.**, Hodor C. V., Anghel M., Papuc B. Nature tourism (observation of flora, fauna and habitats). Guidance and activities. Ed. Transilvania Univ. from Braşov. 77 pages.

JOURNAL ARTICLES

*** Indexed in Web of Science (IF = in the year of publication), IF₂₀₂₂ = in 2022)

1. Tóth Piroska, Tarcsay B. L., Zsófia Kovács, **Ionescu D. T.**, Németh S., Domokos E., 2023. Assessment of the correlation between the nutrient load from migratory bird excrement and water quality by principal component analysis in a freshwater habitat. *Environmental Science and Pollution Research* 30: 66033-66049, DOI 10.1007/s11356-023-27065-3, WOS: 977168700006, IF₂₀₂₂: 5.8.
2. Mechouk N., Deak Georgiana, Ionică Angela Monica, **Ionescu D. T.**, Chişamera G. B., Gherman C. M., Mihalca A. D., 2021. Subcutaneous ticks: a first report in a golden jackal, and their absence in non-canid carnivores. *Parasites & Vectors* 14:5, DOI 0.1186/s13071-020-04510-7, WOS: 607933300001, IF: 4.0, IF₂₀₂₂: 3.2.
3. **Ionescu D.T.**, Hodor V. C., Petriţan I. C., 2020. Artificial Wetlands as Breeding Habitats for Colonial Waterbirds within Central Romania. *Diversity* 12: 371, DOI 10.3390/d12100371, WOS: 607933300001, IF: 2.37, IF₂₀₂₂: 2.4.
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6. Ionica A. M., Matei I. A., D'Amico G., Daskalaki A. A., Jurankova J., **Ionescu D. T.**, Mihalca A. D., Modry D., Gherman C. M., 2016. Role of golden jackals (*Canis aureus*) as natural reservoirs of *Dirofilaria* spp. in Romania. *Parasites and Vectors* 9: 240, DOI 10.1186/s13071-016-1524-3, WOS: 375037000001, IF: 1.53, IF_2022: 3.2.
7. Dumitrache Mirabela, Matei Ioana A., Ionică Angela Monica, Kalmar Zsuzsa, Gianluca D., Siko-Barabasi S., **Ionescu D. T.**, Gherman C. M., Mihalca A. D., 2015. Molecular detection of *Anaplasma phagocytophilum* and *Borrelia burgdorferi* sensu lato genospecies in red foxes (*Vulpes vulpes*) from Romania. *Parasites & Vectors* 8: 514 DOI 10.1186/s13071-015-1130-9, WOS: 362393100001, IF: 2.0, IF_2022: 3.2.
8. Şuteu O., Mihalca A. D., Pastiu Ana-Maria I., Gyorke Adriana, Matei Ioana A., Ionică Angela Monica, Balea Anamaria, Oltean Miruna, Gianluca D., Barabasi Siko S., **Ionescu D. T.**, Gherman C. M., Cozma V., 2014. Red foxes (*Vulpes vulpes*) in Romania are carriers of *Toxoplasma gondii* but not *Neospora caninum*. *Journal of Wildlife Diseases* 50(3): 713-6, DOI 10.7589/2013-07-167, WOS: 338909600042, IF: 1.35, IF_2022: 1.3.
9. Mihalca A. D., Dumitrache M. O., Magdaş C., Gherman C. M., Domşa C., Mircean V., Ghira I. V., Pocora V., **Ionescu, D. T.**, Siko Barabasi S., Cozma V., Sandor A. D., 2012. Synopsis of the hard ticks (Acari: Ixodidae) of Romania with update on host associations and geographical distribution. *Experimental and Applied Acarology* 58(2): 183-206, DOI 10.1007/s10493-012-9566-5, WOS: 307770400009, IF: 1.85, IF_2022: 2.2.
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12. **Ionescu D. T.**, Hodor C. V., 2023. Can green spaces in Romanian cities be friendlier to wild birds and biodiversity in general? *Revista de Silvicultura si Cinegetica* 52: 78-85.
13. Spătaru Maria, **Ionescu D. T.**, Fedorca Ancuţa, Hodor C. V., Baciul Iulia, 2022. Identification of otter (*Lutra lutra*) activity within the Dumbrăviţa Ramsar Site using camera traps. *Revista de Silvicultura si Cinegetica* 51: 111-117.
14. **Ionescu D. T.**, Hodor C. V., 2021. Irregularly migratory and rare waterbird species within two representative wetlands from the central Romania (south-east Transylvania) based on long-term inventory. *Transylvanian Review of Systematical and Ecological Research* 23: 95-111.
15. Bouroş G., **Ionescu D. T.**, Hodor C. V., 2019. Observation of Eurasian Otter's diel activity using camera trapping in central-eastern Romania. *Vestnik Zoologii* 53(1): 47-56.
16. Pripon L. R., Stermin A. N., **Ionescu D. T.**, 2016. Educational potential of the ornithological didactic collection from Braşov Faculty of Silviculture and Forest Engineering (Romania). *Brukenthal Acta Musei* XI.3: 459-469.
17. Dumitrache Mirabela, Gianluca D., Gherman C. M., Matei Ioana A., Ionică Angela Monica, Anamaria I. Paştiu, Anamaria Balea, Siko-Barabasi S., **Ionescu D. T.**, Mihalca A. D., 2015. Prevalence of *Anaplasma phagocytophilum* and *Borrelia burgdorferi* sensu lato, in *Ixodes ricinus* parasiting on red foxes (*Vulpes vulpes*) from Romania. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine* 72(1): 134-137.
18. **Ionescu D. T.**, Popescu V., Iordache D., 2008. Data about the designation of Dumbravita (Romania) Complex as Ramsar Site. *Transylvanian Review of Systematical and Ecological Research*, 6: 185-190.

19. Gherman C. M., Mihalca A. D., Răileanu S., **Ionescu D. T.**, Pocora D., 2008. Parasitofauna of *Anas platyrhynchos* from the Danube Delta Biosphere Reserve. *Revista Romana de Medicina Veterinara* 18(2): 143-151.
20. **Ionescu D. T.**, Iordache D., Popescu V., 2007. Some aspects concerning the management of the „Dumbrăvița Fishing Complex” Special Protection Area, Brașov County. *Revista Padurilor*, 122 (2): 44-49.
21. **Ionescu D. T.**, 2007. The Great Egret (*Casmerodius albus*) as a breeding species in the Central part of Romania (Transylvania). *Bulletin of the Transylvania University of Brașov* 14(49).
22. Sandor A. D., **Ionescu D. T.**, 2006. Diet of the Peregrine Falcon based on prey remains from a nesting area in Bârsei Depression, Romania. *Bulletin of the Transylvania University of Brașov* 13(48): 263-266.
23. **Ionescu D. T.**, Iordache D., Popescu V., 2004. Note on the wetland areas protection around Brașov. *Revista Padurilor* 119(5): 29-33.
24. **Ionescu D. T.**, 2002. Heavy metals in the liver and pectoral muscle of two species of wild ducks, collected in the Bârsa Depression (Transylvania). *Revista Romana de Medicina Veterinara* 12(1): 143-151.
25. **Ionescu D. T.**, 2001. Organochlorine pesticides in the eggs of a water bird species. *Revista Romana de Medicina Veterinara* 11(2).

PAPERS IN INTERNATIONAL CONFERENCES

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1. **Ionescu D. T.**, Hodor C. V., Drugă M., Drugă Mariana, 2019. Recent occurrence of the American Mink (*Neovison vison*) in the central Romania, *Proceedings of the 8th Edition of the Biennial International Symposium Forest and Sustainable Development, 25th – 27th of October 2018, Brașov, Romania*. Transilvania University Press. pages: 25-32. ISSN 1843-505X, WOS: 659268700003.

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2. **Ionescu D. T.**, Iordache D., Popescu V., 2007. Herons and Storks (Ciconiiformes Order, Aves) status, abundance and conservation in Bârsei Depression, central side of Romania. *Proceedings of the Biennial International Symposium, Forest and Sustainable Development Brasov, Romania, 27-28 October 2006*. pages: 239-244.
3. Pașca C., Ionescu Georgeta, Popa M., Ionescu O., **Ionescu D. T.**, 2011. Aspects regarding water level fluctuation influence on European Beaver (*Castor fiber*) eco-ethology-case study. *Proceedings of the Biennial International Symposium, Forest and Sustainable Development, Brașov, 15-16 October 2010*. pages: 355-361. ISSN 1843-505X.
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5. **Ionescu D. T.**, Iordache D., Popescu V., 2015. New breeding bird species of community interest within wetlands from the central side of Romania. *Proceedings of the Biennial International Symposium Forest and sustainable development, Brașov, 24-25 October 2014*. pages: 363-368. ISSN 1843-505X.
6. Iordache D., **Ionescu D. T.**, Popescu V., 2015. Inventory of Breeding Birds by Point and Transect Methods – a Case Study in Romania. *Proceedings of the Biennial International Symposium Forest and sustainable development, Brașov, 24-25 October 2014*. pages: 369-372. ISSN 1843-505X.

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1. **Ionescu D. T.**, 2000. Waterbirds assemblage and ornithofauna dynamic (1997- 1999) of the hydroenergetic reservoir from Voila, Făgăraş Depression, Romania, *Acta Oecologica* VII(1-2): 75-82 (ISSN 1221- 5015).
2. **Ionescu D. T.**, 2002. Aspects of the water birds migration within Barsa Depression, Transylvania, Romania, *Analele Banatului*, new series: 109-119 Museum of Banat, Timișoara (ISSN 1220 – 4161).
3. **Ionescu D. T.**, 2002. Some aspects of the black stork (*Ciconia nigra*) migration in the south – east Transylvania (Romania), *Acta Oecologica Carpatica* (former *Acta Oecologica*), IX: 1-2 (ISSN 1221 – 5015).
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6. **Ionescu D. T.**, 2003. The threats and the trend of water bird populations in two fishpond areas from Bârsei Depression (Brașov County, Romania), *Acta Oecologica Carpatica* (former *Acta Oecologica*) X(1-2): 131-139 (ISSN 1221 – 5015).
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9. **Ionescu D. T.**, 2000. Heavy metals in the liver of two water - bird species collected in Romania-preliminary findings (rezumat), Abstracts of the Third Conference of Aquatic Birds Working Group of Societas Internationalis Limnologiae, Trebon, Czech Republic. *Sylvia Journal of Ornithology* 36: 53 (ISSN 0231-7796).
10. Hodor C., **Ionescu D. T.**, Vâlcu M., 2000. Comparing small birds communities – the importance of artificial fish ponds for waterfowl (rezumat), Abstracts of the Third Conference of Aquatic Birds Working Group of Societas Internationalis Limnologiae, Trebon, Czech Republic. *Sylvia Journal of Ornithology* 36: 51 (ISSN 0231-7796).
11. **Ionescu D. T.**, 2005. Breeding habitats of the Eagle Owl *Bubo bubo* in a peri-urban area from Romania (rezumat), Abstracts of the 5th Conference of the European Ornithologists' Union, Strasbourg, France. *Alauda* 73(3): 300 - 301.
12. **Ionescu D. T.**, 2005. Nest-scrapes position and feature from two Eagle Owl *Bubo bubo* breedings sites in a peri-urban area from Romania (rezumat), Abstracts of the 5th Conference of the European Ornithologists' Union, Strasbourg, France. *Alauda* 73(3): 301.

*** International scientific / technical reports as co-author

1. Bouroș G.,**Ionescu D. T.**, Zuberogoitia I., 2016. Non-native species risk analysis – Risk assessment template V1.0 (8-06-16) - EU Non-native organism risk assessment scheme: Neovison vison (https://www.researchgate.net/publication/344666961_Non-native_species_risk_analysis_-_Risk_assessment_template_V10_8-06-16_-_EU_Non-native_organism_risk_assessment_scheme_Neovison_vison), DOI 10.13140/RG.2.2.19914.18887

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