

Linus Balčiauskas

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2008 Doctoral (dr hb) degree in Biology, Kaunas Vytauto Didžiojo University
1988 Computer programming (Diploma No 880752). Faculty of Qualification Advancement, Vilnius University, Lithuania
1988 Doctoral degree in Zoology/Biology. A. N. Severtsov Institute of Evolutionary Animal Morphology and Ethology Moscow, USSR
1975 – 1979 Master degree in Biology, Faculty of Nature, Vilnius University, Lithuania

PROFESSIONAL EXPERIENCE

2021–now **Professor**
Vilnius University
2010–now **Leading researcher, Head** of the Laboratory of Mammalian Ecology
Nature Research Centre
2009 **Professor**
Šiauliai university
2010–2013.02 Senior researcher and Head of the Laboratory of Mammalian Ecology, **deputy director for science and studies** of Nature Research Centre.
2004 **Assistant professor**
Vilnius University
1979–2010 **Laboratory assistant, junior research fellow, research fellow** in the Laboratory of Theriology, **deputy director** of Institute of Ecology, **senior researcher and Head** of the Laboratory of Mammalian Ecology.

RESEARCH INTERESTS

Research area:

Hoofed, semi-aquatic, carnivore and small mammal ecology, threatened species, large carnivores, spatial distribution, habitat analysis, population management and computer modeling; biodiversity and ecological diversity, human dimensions of mammals.

PUBLICATIONS

Scientific articles published in journals (books), indexed in „Clarivate Analytics Web of Science“ database (with citation index):

1. **Balčiauskas, L.**; Stirkė, V.; Garbaras, A.; Skipitytė, R.; Balčiauskienė, L. (2022) Stable Isotope Analysis Supports Omnivory in Bank Voles in Apple Orchards. *Agriculture*, 12, 1308. <https://doi.org/10.3390/agriculture12091308>
2. Prakas, P., Butkauskas, D., Vaišvilienė, J., Balčiauskienė, L., & **Balčiauskas, L.** (2022). The Spatial Pattern of the Two Genetic Lineages of the Field Vole in Lithuania. *Diversity*, 14(10), 820. <https://doi.org/10.3390/d14100820>
3. **Balčiauskas, L.**, Balčiauskienė, L. (2022). Small Mammal Diversity Changes in a Baltic Country, 1975–2021: A Review. *Life*, 12(11), 1887. <https://doi.org/10.3390/life12111887>
4. Jeske, K., Schulz, J., Tekemen, D., **Balčiauskas, L.**, Balčiauskienė, L., Hiltbrunner, M., Drewes, S., Mayer-Scholl, A., Heckel, G., Ulrich, R.G. (2022) Cocirculation of *Leptospira* spp. and multiple orthohantaviruses in rodents, Lithuania, Northern Europe. *Transboundary and Emerging Diseases*, 69 (5): E3196-E3201. <https://doi.org/10.1111/tbed.14470>
5. **Balčiauskas, L.**, Stirkė, V., Garbaras, A., Skipitytė, R., Balčiauskienė, L. (2022) Stable isotope analysis supports omnivory in bank voles in apple orchards. *Agriculture*, 12 (9): art. no. 1308.
6. **Balčiauskas, L.**, Stratford, J., Kučas, A., Balčiauskienė, L. (2022) Factors affecting roadkills of semi-aquatic mammals. *Biology-Basel*, 11 (5): art. no. 748. <https://doi.org/10.3390/biology11050748>
7. Rudaitytė-Lukošienė, E., Jasiulionis, M., **Balčiauskas, L.**, Prakas, P., Stirkė, V., Butkauskas, D., 2022. Morphological and molecular description of *Sarcocystis myodes* n. sp. from the Bank Vole (*Clethrionomys glareolus*) in Lithuania. *Biology* 11(4), 512. <https://doi.org/10.3390/biology11040512>
8. Balčiauskas L., 2022. Mammal status: Diversity, abundance and dynamics: an editorial. *Sustainability* 14(8), 4823. <https://doi.org/10.3390/su14084823>
9. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. (2022) Spatiotemporal variation of small mammal communities in commercial orchards across the small country. *Agriculture*, 12 (5): art. no. 632. <https://doi.org/10.3390/agriculture12050632>
10. **Balčiauskas, L.**, Balčiauskienė, L. (2022) Long-term changes in a small mammal community in a temperate zone meadow subject to seasonal floods and habitat transformation. *Integrative Zoology*, 17 (3): 443–455. <https://doi.org/10.1111/1749-4877.12571>
11. Jasiulionis, M., **Balčiauskas, L.**, 2021. Seasonal and daily activity patterns of mammals in the colony of great cormorants. *Mammalia* 85(5), 439–447. <https://doi.org/10.1515/mammalia-2020-0042>
12. **Balčiauskas, L.**, Stirkė, V., Balčiauskienė, L. (2022) Rodent fertility in commercial orchards in relation to body mass and body condition. *Agriculture Ecosystems & Environment*, 329: art. no. 107886. <https://doi.org/10.1016/j.agee.2022.107886>
13. **Balčiauskas, L.**, Ežerinskis, Ž., Stirkė, V., Balčiauskienė, L., Garbaras, A., Remeikis, V. (2022) The elemental composition of small mammals in a commercial orchard-meadow system. *Chemosphere*, 296: art. no. 134048. <https://doi.org/10.1016/j.chemosphere.2022.134048>
14. Drewes, S., Jeske, K., Strakova, P., **Balčiauskas, L.**, Ryll, R., Balčiauskienė, L., Kohlhouse, D., Schnidrig, G.A., Hiltbrunner, M., Spakova, A., Insodaitė, R., Burneikienė, R.P., Heckel, G., Ulrich, R.G. (2021) Identification of a novel hantavirus strain in the root vole (*Microtus oeconomus*) in Lithuania, Eastern Europe. *Infection Genetics and Evolution*, 90: art. no. 104520. <https://doi.org/10.1016/j.meegid.2020.104520>
15. Mardosaitė-Busaitienė, D., Radzijeuskaja, J., **Balčiauskas, L.**, Paulauskas, A., 2021. *Babesia microti* in Rodents from different habitats of Lithuania. *Animals* 11(6), 1707. <https://doi.org/10.3390/ani11061707>
16. **Balčiauskas, L.**, Stratford, J., Balčiauskienė, L., Kučas, A. (2021) Roadkills as a method to monitor Raccoon dog populations. *Animals*, 11 (11): art. no. 3147. <https://doi.org/10.3390/ani11113147>
17. Kučas, A., **Balčiauskas, L.**, 2021. Roadkill-data-based identification and ranking of mammal habitats. *Land* 10(5), 477. <https://doi.org/10.3390/land10050477>

18. Kučas, A., **Balčiauskas, L.**, 2021. Impact of road fencing on ungulate-vehicle collisions and hotspot patterns. *Land* 10(4), 338. <https://doi.org/10.3390/land10040338>
19. Silaeva, T., Andreychev, A., Kiyaykina, O., **Balčiauskas, L.**, 2021. Taxonomic and ecological composition of forest stands inhabited by forest dormouse *Dryomys nitedula* (Rodentia: Gliridae) in the Middle Volga. *Biologia* 76(5), 1475–1482. <https://doi.org/10.2478/s11756-020-00651-3>
20. Prakas, P., **Balčiauskas, L.**, Juozaitytė-Ngugu, E., Butkauskas, D., 2021. The role of mustelids in the transmission of *Sarcocystis* spp. using cattle as intermediate hosts. *Animals* 11(3), 822. <https://doi.org/10.3390/ani11030822>
21. Kučas, A., **Balčiauskas, L.**, 2020. Temporal patterns of ungulate-vehicle collisions in Lithuania. *Journal of Environmental Management* 273, 111172. <https://doi.org/10.1016/j.jenvman.2020.111172>
22. Kaminskienė, E., Radzijeuskaja, J., Stanko, M., **Balčiauskas, L.**, Paulauskas, A., 2020. Associations between different Laelapidae (Mesostigmata: Dermanyssoidea) mites and small rodents from Lithuania. *Experimental and Applied Acarology* 81(1), 149–162. <https://doi.org/10.1007/s10493-020-00493-3>
23. Calkoen, S.T.S.V., Muhlbauer, L., Andren, H., Apollonio, M., **Balčiauskas, L.**, Belotti, E., Carranza, J., Cottam, J., Filli, F., Gatiso, T.T., Hetherington, D., Karamanlidis, A.A., Krofel, M., Kuehl, H.S., Linnell, J.D.C., Muller, J., Ozolins, J., Premier, J., Ranc, N., Schmidt, K., Zlatanova, D., Bachmann, M., Fonseca, C., Lonescu, O., Nyman, M., Sprem, N., Sunde, P., Tannik, M., Heurich, M., 2020. Ungulate management in European national parks: Why a more integrated European policy is needed. *Journal of Environmental Management* 260, 110068. <https://doi.org/10.1016/j.jenvman.2020.110068>
24. Juškaitis, R., Keturka, K., **Balčiauskas, L.**, 2020. Spatial dynamics of a hazel dormouse (*Muscardinus avellanarius*) population at different densities. *Mammal Research* 65(1), 49–58. <https://doi.org/10.1007/s13364-019-00452-3>
25. Wierzchowski, J., Kučas, A., **Balčiauskas, L.**, 2019. Application of least-cost movement modeling in planning wildlife mitigation measures along transport corridors: Case study of forests and moose in Lithuania. *Forests*, 10(10), 831. <https://doi.org/10.3390/f10100831>
26. Mardosaitė-Busaitienė, D., Radzijeuskaja, J., **Balčiauskas, L.**, Bratchikov, M., Jurgelevičius, V., Paulauskas, A., 2019. Prevalence and diversity of Bartonella species in small rodents from coastal and continental areas. *Scientific Reports* 9, 12349. <https://doi.org/10.1038/s41598-019-48715-y>
27. Radzijeuskaja, J., Kaminskienė, E., Lipatova, I., Mardosaitė-Busaitienė, D., **Balčiauskas, L.**, Stanko, M., Paulauskas, A., 2018. Prevalence and diversity of Rickettsia species in ectoparasites collected from small rodents in Lithuania. *Parasites & Vectors* 11, 375. <https://doi.org/10.1186/s13071-018-2947-9>
28. Bragina, E.V., Ives, A.R., Pidgeon, A.M., **Balčiauskas, L.**, Csanyi, S., Khoyetsky, P., Kysucka, K., Lieskovsky, J., Ozolins, J., Randveer, T., Stych, P., Volokh, A., Zhelev, C., Ziolkowska, E., Radeloff, V.C., 2018. Wildlife population changes across Eastern Europe after the collapse of socialism. *Frontiers in Ecology and the Environment* 16(2), 77–81. <https://doi.org/10.1002/fee.1770>
29. **Balčiauskas, L.**, Balčiauskienė, L., Garbaras, A., Stirė, V. (2021) Diversity and diet differences of small mammals in commensal habitats. *Diversity*, 13 (8): art. no. 346. <https://doi.org/10.3390/d13080346>
30. **Balčiauskas, L.**, Skipitytė, R., Garbaras, A., Stirė, V., Balčiauskienė, L., Remeikis, V. (2021) Isotopic niche of syntopic granivores in commercial orchards and meadows. *Animals*, 11 (8): art. no. 2375. <https://doi.org/10.3390/ani11082375>
31. **Balčiauskas, L.**, Skipitytė, R., Garbaras, A., Stirė, V., Balčiauskienė, L., Remeikis, V. (2021) Stable isotopes reveal the dominant species to have the widest trophic niche of three syntopic *Microtus voles*. *Animals*, 11 (6): art. no. 1814. <https://doi.org/10.3390/ani11061814>

32. Stirké, V., **Balčiauskas, L.**, Balčiauskienė, L. (2021) Common vole as a focal small mammal species in orchards of the Northern Zone. *Diversity-Basel*, 13 (3): art. no. 134. <https://doi.org/10.3390/d13030134>
33. **Balčiauskas, L.**, Balčiauskienė, L., Litvaitis, J.A., Tijušas, E. (2021) Adaptive monitoring: using citizen scientists to track wolf populations when winter-track counts become unreliable. *Wildlife Research*, 48 (1): 76–85. <https://doi.org/10.1071/WR19180>
34. **Balčiauskas, L.**, Balčiauskienė, L., Litvaitis, J.A., Tijušas, E. (2020) Citizen scientists showed a four-fold increase of Lynx numbers in Lithuania. *Sustainability*, 12 (22): art. no. 9777. <https://doi.org/10.3390/su12229777>
35. **Balčiauskas, L.**, Stratford, J., Balčiauskienė, L., Kučas, A. (2020) Importance of professional roadkill data in assessing diversity of mammal roadkills. *Transportation Research Part D-Transport and Environment*, 87: art. no. 102493. <https://doi.org/10.1016/j.trd.2020.102493>
36. **Balčiauskas, L.**, Kawata, Y., Balčiauskienė, L. (2020) Moose management strategies under changing legal and institutional frameworks. *Sustainability*, 12 (20): art. no. 8482. <https://doi.org/10.3390/su12208482>
37. **Balčiauskas, L.**, Wierzchowski, J., Kučas, A., Balčiauskienė, L. (2020) Habitat suitability based models for ungulate roadkill prognosis. *Animals*, 10 (8): art. no. 1345. <https://doi.org/10.3390/ani10081345>
38. **Balčiauskas, L.**, Balčiauskienė L. (2020) On the doorstep, rodents in homesteads and kitchen gardens. *Animals*, 10 (5): art. no. 856. <https://doi.org/10.3390/ani10050856>
39. **Balčiauskas, L.**, Ambarli, H., Balčiauskienė, L., Bagrade, G., Kazlauskas, M., Ozolins, J., Zlatanova, D., Zunna, A. (2020) Love off, fear on? Brown bear acceptance by teenagers in European countries with differing population statuses. *Sustainability*, 12 (6): art. no. 2397. <https://doi.org/10.3390/su12062397>
40. **Balčiauskas, L.**, Amshokova, A., Balčiauskienė, L., Benedek, A.M., Cichocki, J., Csanady, A., De Mendonca, P.G., Nistoreanu, V. (2020) Geographical clines in the size of the herb field mouse (*Apodemus uralensis*). *Integrative Zoology*, 15 (1): 55–68. <https://doi.org/10.1111/1749-4877.12407>
41. **Balčiauskas, L.**, Balčiauskienė, L., Stirké, V. (2019) Mow the grass at the mouse's peril: diversity of small Mammals in commercial fruit farms. *Animals*. 9 (6): art. no. 334. <https://doi.org/10.3390/ani9060334>
42. **Balčiauskas, L.**, Skipitytė, R., Balčiauskienė, L., Jasiulionis, M. (2019) Resource partitioning confirmed by isotopic signatures allows small mammals to share seasonally flooded meadows. *Ecology and Evolution*. 9 (9): 5479-5489. <https://doi.org/10.1002/ece3.5144>
43. Jasiulionis, M., **Balčiauskas, L.**, Balčiauskienė, L., Taraškevičius, R. (2018) Accumulation of chemical elements in yellow-necked mice under a colony of great cormorants. *Chemosphere*. 213: 156-163. <https://doi.org/10.1016/j.chemosphere.2018.09.025>
44. **Balčiauskas, L.**, Balčiauskienė, L., Juškaitis, R. (2018) Body size and craniometry of the herb field mouse from Lithuania in the context of species range. *Biologia*. 73 (4): 351-359. <https://doi.org/10.2478/s11756-018-0043-4>
45. **Balčiauskas, L.**, Skipitytė, R., Jasiulionis, M., Balčiauskienė, L., Remeikis, V. (2018) Immediate increase in isotopic enrichment in small mammals following the expansion of a great cormorant colony. *Biogeosciences*. 15 (2): 3883-3891. <https://doi.org/10.5194/bg-15-3883-2018>
46. Balčiauskienė, L., **Balčiauskas, L.**, Timm, U. (2018) Changes in size of Baltic field voles over the last 50 years: are they really shrinking? *Biologia*. 73 (3): 247-257. <https://doi.org/10.2478/s11756-018-0029-2>

Other reviewed scientific publications (books, books' chapters, collections of articles, articles, textbooks and etc.):

1. Ozoliņš J., Bagrade G., Männil P. & *Balčiauskas L.* 2022. Eurasian lynx in Latvia: experience gained and future challenges at a population level. *Cat News* 75, 37–41.
2. K. Schmidt, P. Adeikis, **L. Balčiauskas**, J. Godoy, D. Kleinman-Ruiz, M. Lucena-Perez, P. Männli, E. Marmesat, J. Ozolins, M. Ratkiewicz, M. Shkvyria and I. Solovei 2021 Conserving the north-eastern European lowland population of Eurasian lynx. *Cat News* 14, 9–11.
3. W.F. Jensen, R.V. Rea, C.E. Penner, J.R. Smith, E.V. Bragina, E. Razenkova, **L. Balčiauskas**, H. Bao, S. Bystiansky, S. Csányi, Z. Chovanova, G. Done, K. Hackländer, M. Heurich, G. Jiang, A. Kazarez, J. Pusenius, E.J. Solberg, R. Veeroja, F. Widemo. 2020. A review of circumpolar moose populations with emphasis on eurasian moose distributions and densities. *Alces: A Journal Devoted to the Biology and Management of Moose*, 56, 63–78.
4. Balčiauskas, L., **Balčiauskienė, L.**, Litvaitis, J.A., Tijušas. E. 2017. Preliminary impressions of a citizen-scientist effort to monitor large carnivores in Lithuania. *Beiträge zur Jagd- und Wildforschung*, 42: 37–41. ISSN 1436-3895/ISBN 978-3-7888-1917-0

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

- | | |
|-------------|--|
| 2019 – 2022 | Project executive “Investigations of the Status of Invasive and Alien Species in Lithuania” (Contract No. 05.5.1-APVA-V-018-01-0012). |
| 2018 – 2019 | Project leader „Evaluation of distribution of the common vole (<i>Microtus arvalis</i>) in commercial gardens and berry-fields in relation to registration of plant protection products“. |
| 2016–2017 | Project leader „Preparation of documents for regulation of population abundance of invasive species (animals)“. |

PARTICIPATION IN SCIENTIFIC CONFERENCES

International scientific conferences:

1. **Balčiauskas, L.**, Stirkė, V., Skipitytė, R., Garbaras, A., Ežerinskis, Ž., Balčiauskienė, L. 2022. Small mammal ecology in commercial orchards and berry plantations: case study in Lithuania. 2nd edition global conference on agriculture and horticulture, September 01-03, 2022, Paris, France.
2. **Balčiauskas, L.**, Balčiauskienė, L. 2022. Long term changes in small mammal diversity in Lithuania. 11th International Conference on Biodiversity Research, October 20–22, Daugavpils, Latvia. Book of abstracts, Daugavpils University Academic Press “Saule”, p. 18. https://biodiversityconference.biology.lv/public/conferences/6/AB_2022.pdf
3. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. 2022. We might win the battle, but not the war: breeding of small mammals in the commercial orchards. 11th International Conference on Biodiversity Research, October 20–22, Daugavpils, Latvia. Book of abstracts, Daugavpils University Academic Press “Saule”, p. 127. https://biodiversityconference.biology.lv/public/conferences/6/AB_2022.pdf
4. Balčiauskienė, L., Stratford, J., Kučas, A., **Balčiauskas, L.** 2022. Life (or not) in the Fast Lane: diversity of the roadkilled mammals in Lithuania. 11th International Conference on Biodiversity Research, October 20–22, Daugavpils, Latvia. Book of abstracts, Daugavpils University Academic Press “Saule”, p. 19. https://biodiversityconference.biology.lv/public/conferences/6/AB_2022.pdf
5. Jasiulionis, M., **Balčiauskas, L.**, Balčiauskienė, L. 2022. Are cormorant colonies influencing fluctuations of small mammal populations? 11th International Conference on Biodiversity Research, October 20–22, Daugavpils, Latvia. Book of

- abstracts, Daugavpils University Academic Press “Saule”, p. 59. https://biodiversityconference.biology.lv/public/conferences/6/AB_2022.pdf
6. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. 2022. Small mammal diversity and abundance in commercial orchards in relation to habitat and agricultural factors. The 2nd International Electronic Conference on Diversity (IECD 2022)—New Insights into the Biodiversity of Plants, Animals and Microbes, section: Animals Diversity; 2022 March 15–30. <https://sciforum.net/paper/view/12413>; <https://www.mdpi.com/2673-9976/15/1/2>
 7. **Balčiauskas, L.**; Balčiauskienė, L.; Stratford, J. The diversity of roadkilled semi-aquatic mammals depends on registration effort, in Proceedings of the 2nd International Electronic Conference on Diversity (IECD 2022)—New Insights into the Biodiversity of Plants, Animals and Microbes, 15–31 March 2022, MDPI: Basel, Switzerland, doi:10.3390/IECD2022-12431; <https://sciforum.net/paper/view/12431>; <https://www.mdpi.com/2673-9976/15/1/1/htm>
 8. Kathrin Jeske; Christian Imholt; Petra Straková; Jesús T. García; David González-Barrío; Pedro P. Olea; Francisco Ruiz Fons; Marta Heroldová; Laima Balčiauskienė; Jens Jacob; **Linas Balčiauskas**; Gerald Heckel; Rainer G. Ulrich. 2021. Distribution and prevalence of Tula orthohantavirus in Europe – an update. Zoonosis International Symposium, Berlin, October 13–15, 2021. Abstract book, N11
 9. **Balčiauskas, L.**, Stirkė V., Balčiauskienė L. 2021. Do orchards maintain favorable states of small mammal communities? XVI International Interdisciplinary Conference Current Environmental Issues-2021, September 22-23. 2021, Bialystok, p.27
 10. **Balčiauskas, L.**, Kučas A., Balčiauskienė L., Stratford J. 2021. Roadkills as a method to monitor raccoon dog populations. XVI International Interdisciplinary Conference Current Environmental Issues-2021, September 22-23. 2021, Bialystok, p.29
 11. Jeske, K., Drewes, S., Hiltbrunner, M., Schnidrig, G.-A., Straková, P., **Balčiauskas, L.**, Balčiauskiene, L., Petraityte-Burneikiene, R., Heckel, G., Ulrich, R. G. 2021. Multiple strains of a novel hantavirus in voles in Continental Europe. 69th WDA / 14th EWDA - Joint Virtual Conference - Cuenca, Spain August 31 - September 2. Abstract book, p. 284.
 12. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. ABS3706: To the dismay of the landlord, small mammal communities in orchards and homesteads. 7th International Conference on Agricultural and Biological Sciences (ABS 2021), August 8th-11th, 2021 Bohai University, China
 13. Skipitytė R., Garbaras A., Stirkė V., **Balčiauskas L.**, Balčiauskienė L. Stable isotopes reveal the dominant species to have the widest trophic niche among three sympatric *Microtus* voles. 11.5 International conference on Applications of Stable Isotope Techniques to Ecological Studies, May 19-21, 2021, Vienna, P. 118
 14. Kaminskienė, E., Radzijeuskaja, J., **Balčiauskas, L.**, Paulauskas, A. Bartonella infections in laelapid mites from small rodents in Lithuania. 9th Conference of the Scandinavian - Baltic Society for Parasitology, April 21–23 , 2021 Vilnius, Lithuania, Abstract book, p. 94. ISBN 978-609-8255-05-8
 15. Mardosaitė-Busaitienė, D., Radzijeuskaja, J., **Balčiauskas, L.**, Paulauskas, A. Occurrence and diversity of vector-borne pathogens in rodents (Muridae, Cricetidae) from Lithuania. 9th Conference of the Scandinavian - Baltic Society for Parasitology, April 21–23 , 2021 Vilnius, Lithuania, Abstract book, p. 107. ISBN 978-609-8255-05-8
 16. Snegiriovaite, J., **Balčiauskas, L.**, Paulauskas, A. Radzijeuskaja, J. Diversity of tick-borne pathogens in *Ixodes ricinus* ticks parasitizing small rodents in commercial gardens in Lithuania. 9th Conference of the Scandinavian - Baltic Society for Parasitology, April 21–23 , 2021 Vilnius, Lithuania, Abstract book, p. 119. ISBN 978-609-8255-05-8
 17. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L., Skipitytė, R., Garbaras, A. 2021. Trophic ecology of small mammals in commercial orchards: insights from stable isotope studies. Open Readings 2021. 16–19 March, 2021, Vilnius.
 18. Jasiulionis, M., **Balčiauskas, L.**, Balčiauskienė, L. 2021. Impact of the Colonies of Great Cormorants (*Phalacrocorax carbo sinensis*) on Small Mammals Communities. 1st International

Electronic Conference on Biological Diversity, Ecology and Evolution session Animal Diversity. 23 March, 2021. DOI: 10.3390/BDEE2021-09441

19. **Balčiauskas, L.**, Balčiauskienė, L. Story of a single meadow: long term changes in a small mammal community under human influence. 11th Baltic Theriological Conference, 26-27 January 2021, Kaunas, Lithuania, p. 8. ISBN 978-609-454-510-8
20. Skipitytė, R., Garbaras, A., Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. Do *Microtus voles* share the same trophic niche in commercial orchards? 11th Baltic Theriological Conference, 26-27 January 2021, Kaunas, Lithuania, Abstract book, p. 27. ISBN 978-609-454-510-8
21. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. Common vole feels comfortable in orchards. 11th Baltic Theriological Conference, 26-27 January 2021, Kaunas, Lithuania, Abstract book, p. 29. ISBN 978-609-454-510-8
22. Kučas, A., **Balčiauskas, L.** Temporal patterns of ungulate-vehicle collisions in Lithuania. 11th Baltic Theriological Conference, 26-27 January 2021, Kaunas, Lithuania, Abstract book, p. 17. ISBN 978-609-454-510-8
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27. **Balčiauskas, L.**, Stirkė V., Balčiauskienė, L. 2020. Title: Chunky reproduces better? Small rodent fertility and fitness in commercial orchards. Conference: The 1st International Electronic Conference on Animals—Global Sustainability and Animals: Science, Ethics and Policy. Section: Climate change and effects on the sustainability of animal systems. <https://sciforum.net/dashboard/author/submissions/95d985bd35f36ba89fa0048f83597259>.
28. **Balčiauskas, L.**, Jasiulionis, M., Balčiauskienė, L., Skipitytė, R. 2019. Living on the tough side: mammals in the great cormorant colonies. The 11th International Symposium of Integrative Zoology (ISIZ). Massey University, Albany, Auckland, New Zealand. 2–7 December 2019.
29. Jeske, K., Fischer, S., Emirhar, D., Ruiz-Fons, J.F., Gonzalez-Barrio, D., Strakova, P. **Balčiauskas, L.**, Balčiauskienė, L., Imholt, C., Jacob, J., Ulrich, R.G. Hantavirus and *Leptospira* spp. infections in European rodents. International Symposium on Zoonoses Research 2019 in Berlin. October 16th - 18th, 2019 in Berlin, Germany.
30. **Balčiauskas, L.**, Balčiauskienė, L., Skipitytė, R., Stirkė, V. 2019. Foraging strategies of small mammals from commercial orchards as indicated by isotopic signatures. “Current Environmental Issues 2019”. Białystok, 24–26 September 2019.
31. **Balčiauskas, L.**, Balčiauskienė, L., Litvaitis, J., Tjušas, E. 2019. Citizen-scientist effort to monitor large carnivores in Lithuania. “Current Environmental Issues 2019”. Poland, Białystok, 24–26 September 2019.
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34. Amšiejūtė P., Mardosaitė-Busaitienė D., Radzijeuskaja J., **Balčiauskas, L.**, Bratchikov M., Paulauskas A. 2019. Multilocus sequence analysis of *Bartonella* strains isolated from small rodents. 3rd International Conference on Life and Environmental Sciences "Smart Bio". 2-4 of May 2019. Kaunas. Abstract book. P. 169.
35. Jasiulionis M., **Balčiauskas, L.** Seasonal and daily activity of mammals in the colony of cormorants. 3rd International Conference on Life and Environmental Sciences "Smart Bio". 2-4 of May 2019. Kaunas. Abstract book. P. 204.
36. Kaminskiene, E., Radzijeuskaja, J., **Balčiauskas, L.**, Paulauskas, A. Fauna of Laelapidae (Mesostigmata; Dermanssoidea) mites from small rodents in Lithuania. 10th International Conference on Biodiversity Research, Book of Abstracts, Daugavpils, 24.-26.04.2019. P. 26.
37. **Balčiauskas, L.** Advances of contemporary mammalogy in Lithuania. 10th International Conference on Biodiversity Research, Book of Abstracts, Daugavpils, 24.-26.04.2019. P. 55
38. **Balčiauskas, L.**, Balčiauskienė, L., Stirkė, V. 2019. Diversity of small mammals in commercial gardens and berry fields of Lithuania. 10th International Conference on Biodiversity Research, Book of Abstracts, Daugavpils, 24.-26.04.2019. P. 56.
39. Kazlauskas M., **Balčiauskas, L.**, Ambarlı H., Balčiauskienė L., Bagrade G., Ozoliņš J., Zlatanova D., Žunna A. 2019. Latvia and Lithuania teenagers vote for bear future in their countries. 10th International Conference on Biodiversity Research, Book of Abstracts, Daugavpils, 24.-26.04.2019. P. 27.
40. Jasiulionis, M., Balčiauskienė, L., **Balčiauskas, L.** 2019. Living under a rain of faeces: mammals in the colony of cormorants. Open Readings 2019. 62nd International Conference for students of physics and natural sciences. March 19–22, Vilnius University.
41. Mardosaitė-Busaitienė, D., Radzijeuskaja, J., **Balčiauskas, L.**, Paulauskas, A. Occurrence of tick-borne pathogens in Lithuanian Rodent communities. ISTTBD - XIII : 13th international symposium on Ticks and Tick-borne diseases, 28–30 March 2019, Weimar, Germany
42. **Balčiauskas, L.**, Ambarlı, H., Balčiauskienė, L., Bagrade, G., Kazlauskas M., Ozoliņš, J., Zlatanova, D., Žunna, A. 2018. Clines in brown bear acceptance by teenagers. Pathways – Human Dimensions of Fisheries and Wildlife Conference. Goslar, Germany - Sept. 16-19, 2018. Abstracts: p. 19. https://sites.warnercnr.colostate.edu/pathways/wp-content/uploads/sites/55/2018/10/Pathways_Europe_2018_BookofAbstracts_2018-09-16.pdf
43. Ambarlı, H., **Balčiauskas, L.**, Balčiauskienė, L., Bagrade, G., Kazlauskas M., Ozoliņš, J., Zlatanova, D., Žunna, A. 2018. Brown bear acceptance by teenagers over countries with and without the species. IBA (bear specialist group) conference. September 16- 21, 2018. Ljubljana, Slovenia.
44. **Balčiauskas, L.**, Stratford, J., Balčiauskienė, L. 2018. Long-term studies of the impact of WVA on rare mammal species, advised in education and planning. The IENE 2018 international conference “Crossing borders for a greener and sustainable transport infrastructure“, Eindhoven, the Netherlands, on September 11-14, 2018.
45. Kučas, A., **Balčiauskas, L.** 2018. Animal-vehicle collision hotspots and assessment of mitigation measures in Lithuania. The IENE 2018 international conference “Crossing borders for a greener and sustainable transport infrastructure“, Eindhoven, the Netherlands, on September 11-14, 2018.
46. **Balčiauskas, L.**, Amshokova, A., Balčiauskienė, L., Benedek, A.M., Cichocki, J. Csanády, A., de Mendonça, P.G., Nistoreanu, V. 2018. Body size and craniometry of the herb field mouse in the context of a geographical clines. 2018. 6th International Conference of Rodent Biology and Management & 16th Rodens et Spatium, Potsdam, Germany, 3-7 September 2018. Book of Abstracts: p. 36. ISSN 1868-9892; ISBN 978-3-95547-059-3; DOI 10.5073/jka.2018.459.000
47. Radzijeuskaja J., Mardosaitė-Busaitienė D., Amšiejūtė P., **Balčiauskas, L.**, Paulauskas A. 2018.

48. Genetic characterization of Bartonella. in 7th Baltic genetics congress, Riga, October 24–27. Abstracts, p. 244
49. Mardosaitė-Busaitienė D., Radzijeuskaja J., Paulauskas A., Lipatova I., Amšiejūtė P., **Balčiauskas, L.** 2018. Genetic diversity and prevalence of Bartonella species in small rodents and their ectoparasites in Lithuania. Annual Conference of the Association for General and Applied Microbiology. 15–18 April 2018 Wolfsburg l Germany.

National scientific conferences:

1. Stirkė V., Skipitytė R., **Balčiauskas L.**, Balčiauskienė L. 2019. Komensalai ar konkurentai: pelės ir pelėnai komerciniuose soduose. “Bioateitis: gamtos ir gyvybės mokslų perspektyvos”. Kaunas, 2019 gruodžio 11.
2. **Balčiauskas, L.** 2018. Žinduolių ekologijos tyrimai Lietuvoje: optimistinė perspektyva. Tęstinė mokslinė konferencija "Šiuolaikiniai biologijos tyrimai Lietuvoje", Vilnius, 2018 11 27

PARTICIPATION IN THE STUDY PROCESS

Supervision of PhD students:

Natural Sciences area (N000). Ecology and Environmental field (N012)

Vitalijus Stirkė	Thesis title: “Smulkiųjų žinduolių ekologijos ypatumai komerciniuose soduose ir uogynuose” “Ecology of small mammals in commercial orchards and berry plantations”	2019– 2023
Andrius Kučas	Thesis title: “Laukinių gyvūnų susidūrimų su transportu dėsninai ir susidūrimų mažinimo priemonių vertinimas.” https://doi.org/10.15388/vu.thesis.223 “Evaluation of wildlife–vehicle collision patterns and assessment of mitigation measures”	2021
Marius Jasiulionis	Thesis title: “Impact of the colonies of great cormorants (Phalacrocorax carbo sinensis) on mammals. ” https://doi.org/10.15388/vu.thesis.78	2020
Romualdas Varanauskas	Thesis title: “Atrankinės medžioklės įtaka stirnai (Capreolus capreolus)” “Impact of selective hunting on roe deer (Capreolus capreolus)”	2016– 2020

Biomedical Sciences area. Ecology and Environmental field (03B)

Paulius Alejūnas	Thesis title: “Elninių žvėrių populiacijų būklė Lietuvoje ir jų valdymo priemonių įvertinimas” “Status of cervid populations in Lithuania and assessment of their management measures”	2018
Aušra Čepukienė	Thesis title: “Smulkiųjų žinduolių bendrijos pokyčiai miško sukcesijos pradinėse stadijose” “Small mammal community changes during early forest succession stages”	2014
Martynas Kazlauskas	Thesis title: “Visuomenės nuomonė apie Lietuvos stambiuosius žinduolius, jų populiacijų valdymą ir apsaugą” “Public opinion on the management and conservation of large mammals in Lithuania”	2010
Kristina Kavaliauskaitė	Thesis title: “Socioekonominių aplinkosaugos aspektų, susijusių su Natura 2000 teritorijų steigimu Lietuvoje, vertinimas” “Socio-economic assessment of environmental aspects related to the	2009

Lina Burbaitė	establishment of Natura 2000 sites in Lithuania” Thesis title: “Elninių žvėrių populiacijų būklė bei valdymas Lietuvoje ir Europoje” “Status and management of cervid populations in Lithuania and Europe”	
Rimvydas Šinkūnas	Thesis title: “Smulkiųjų žinduolių bendrijos fragmentuotose ir izoliuotose buveinėse” “Small mammal communities in fragmented and isolated habitats”	2006

Chairman of the Dissertation Defence Panel:

Natural Sciences area (N000). Ecology and Environmental field (N012)

Neringa Kitrytė	Thesis title: “Smulkiųjų žinduolių parazitų įvairovė ir jų bendrijas formuojantys faktoriai” „Diversity of small mammal parasites and factors shaping their communities“	2022
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Biomedical Sciences area. Ecology and Environmental field (03B)

Rimgaudas Treinys	Thesis title: “Erelio rėksnio <i>Aquila pomarina</i> buveinių pasirinkimas ir populiacijos būklė arealo šiaurės vakarų periferijoje” “Habitat selection and population status of the lesser spotted eagle <i>Aquila pomarina</i> in the north-western periphery of its range”	2009
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Member of the Dissertation Defence Panel:

Natural Sciences area (N000). Biologia field (N010)

Evelina Kaminskienė	Disertacija “Diversity, molecular characterization and associated pathogens of Laelapidae (Acari: Mesostigmata) mites from small rodents”	2021
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Biomedical Sciences area. Ecology and Environmental field (03B)

Arūnas Samas	Disertacija “Impact of the keystone species, the beaver (<i>Castor fiber</i>), on habitat structure and its significance to mammals” “Bebro (<i>Castor fiber</i>), kaip kertinės ekosistemų rūšies, poveikis buveinių struktūrai ir jo reikšmė žinduoliams”	2015
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Agricultural Sciences area. Forestry field (04A)

Špinkytė	Thesis title: „Aplinkos veiksnių įtaka vilkų (<i>Canis lupus lupus</i> L.) populiacijai Lietuvos miškuose“ „Influence of environmental factors on the population of wolves (<i>Canis lupus lupus</i> L.) in Lithuanian forests“	2012
Janis Baumanis	Thesis title: „Situation assessment of ungulate (Artiodactyla) populations and their management principles in Latvia”	2013

OTHER

Membership in the international organizations:

1995–2022	IUCN Otter specialist group	https://www.otterspecialistgroup.org/osg-newsite/wp-content/uploads/2022/09/OSG-Members-in-Europe.pdf	expert
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2011– 2022	IUCN Bison specialist group	http://ebac.sggw.pl/members.html	expert
2003– 2022	IUCN Bear specialist group	https://www.bearbiology.org/bear-specialist-group/	expert

Editorial activities:

2022	Iki 2022 Forest Ecosystems, Springer; Nuo 2022 Forest Ecosystems, KeAi Publishing	Iki 2022 https://forestecosyst.springeropen.com/ Nuo 2022 https://www.keaipublishing.com/en/journals/forest-ecosystems/	Editorial Board member
2016– 2022	Acta biologica Universitatis Daugavpiliensis, Daugavpils University	https://du.lv/en/research/institutes/institute-of-life-sciences-and-technologies/issued-journal/acta-biologica-universitatis-daugavpiliensis/	Associated editor-in- chief
2015– 2021	North-western journal of zoology, University of Oradea Publishing House, Oradea , Romania	https://biozoojournals.ro/nwjz/index.html	Subject editor (mammolog y)
2016– 2022	Iki 2018 Proceedings of the Theriological School; Po 2018 Theriologia Ukrainica	http://terioshkola.org.ua/en/journal/edboard.htm	Assistant editor
2021– 2022	Land, MDPI	https://www.mdpi.com/journal/land/submission_reviews	Reviewer board member
2020– 2023	Sustainability, MDPI	https://www.mdpi.com/journal/sustainability/special_issues/Mammal_Status https://www.mdpi.com/journal/sustainability/special_issues/Mammal_Status_2	Guest editor
2021– 2023	Diversity, MDPI	https://www.mdpi.com/journal/diversity/special_issues/Diversity_Conservation_Mammals	Guest editor
2021– 2023	Life, MDPI	https://www.mdpi.com/journal/life/special_issues/Small_Mammals_Predators	Guest editor

Science popularization:

1. **Balčiauskas, L.**, Stratford, J., Balčiauskienė, L., Kučas, A. Roadkill index indicates declining or cyclical abundance of raccoon dog. *Mūšų girios*, 2021, 11: 28–30
2. Stirkė, V., **Balčiauskas, L.**, Balčiauskienė, L. 2021 Can we call all mice as mice? *Biržiečių žodis*. 2021 Gruodis Nr. 97 (10249): 10
3. **Balčiauskas L.**, Balčiauskienė L., Litvaitis J. A., Tijušas E. 2020. The number of wolves in Lithuania is higher. *Mūšų girios*. 2020 rugsėjis, 32–34.

4. **Balčiauskas, L.**, Balčiauskienė, L., Stirkė, V. 2019. Intensive garden maintenance reduces rodent abundance. *Agroverslo žurnalas. Mano ūkis*. 2019 vasaris: 40–41.
5. **Balčiauskienė, L.**, Balčiauskas, L., Stirkė, V. 2018. Don't call all rodents mice! *Ūkininko patarėjas*. 2018 lapkričio 20, Nr. 132 (3840): 12.
6. **Balčiauskas, L.**, Balčiauskienė, L. 2018. About the Lithuanian Red Data Book. *Medžiotojas ir meškeriojas*. 2018, 3: 18–19.