

Rimgaudas Treinys

CONTACT INFORMATION

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<https://orcid.org/0000-0003-3446-9686>
<https://www.researchgate.net/profile/Rimgaudas-Treinys>

EDUCATION AND ACADEMIC DEGREE

2009 Doctor of Biomedical sciences, Ecology and Environmental sciences (03 B)
Title of doctoral dissertation: “Habitat use and population status of the Lesser Spotted Eagle *Aquila pomarina* on the north-western periphery of the distribution range”, scientific consultant – Habil. dr. Mečislovas Žalakevičius.

1997 – 1999 Vilnius University, Environmental research and ecology / Magna Cum Laude master.

1997 – 2001 Vilnius Pedagogical University, Environmental research and ecology / *bachelor*.

PROFESSIONAL EXPERIENCE

2018 – iki dabar **Chief researcher**
Laboratory of Avian ecology, Nature research centre

2010 – 2017 **Researcher / senior researcher**
Laboratory of Avian ecology, Nature research centre

2011 – 2015 **Chief biology expert**
Conservation of the Lesser Spotted Eagle in Lithuanian forests LIFE09 NAT/LT/000235, Foundation for Development of Nature Projects”

2006 - 2009 **Junior researcher**
Laboratory of Avian ecology, Institute of Ecology of Vilnius university

2003 – 2009 **Technical assistant**
Laboratory of Flora and Geobotany, Institute of Botany

2001 – 2002 **Assistant**
Centre of environmental sciences, Vilnius university

2000 – 2006 **Expert**
Lithuanian fund for nature

RESEARCH INTERESTS

Research topics: My key focus is an avian predators ecology, interspecific interactions, population dynamic, response to environmental triggers and conservation. Well-known group – diurnal birds of prey, owls and Black Stork (Accipitriformes, Strigiformes, Ciconiiformes).

PUBLICATIONS

Publications in journals reviewed in „Clarivate Analytics Web of Science“ data base:

1. Dementavičius, D., Rumbutis, S. and **Treinys, R.** 2022. Spatial and temporal variation in breeding performance in the increasing White-tailed Eagle *Haliaeetus albicilla* population to the east of the Baltic Sea. *Bird Study* 68: 462–476.
2. Väli, Ü., **Treinys, R.**, Bergmanis, U., Daroczi, S., Demerdzhiev, D., Dombrovski, V., Dravecký, M., Ivanovski, V., Kicko, J., Langgemach, T., Lontkowski, J., Maciorowski, G., Poirazidis, K., Rodziewicz, M. and Meyburg, B.-U. 2022. Contrasting patterns of genetic diversity and lack of population structure in the lesser spotted eagle *Clanga pomarina* (Aves: Accipitriformes) across its breeding range. *Biological Journal of the Linnean Society* 136: 506–519.
3. Mozgeris, G., Mörtberg, U., Pang, X.-L., Trubins, R. and **Treinys, R.** 2021. Future projection for forest management suggests a decrease in the availability of nesting habitats for a mature-forest-nesting raptor. *Forest Ecology and Management* 491: 119168.
4. Mörtberg, U., Pang, X.-L., **Treinys, R.**, Trubins, R. and Mozgeris, G. 2021. Sustainability Assessment of Intensified Forestry-Forest Bioenergy versus Forest Biodiversity Targeting Forest Birds. *Sustainability* 13: 2789.
5. Virbickas, T., Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys, M., and **Treinys, R.** 2021. Understanding recreational targets and ecological consequences: increased northern pike stocking reflected in top avian predator diet. *European Journal of Wildlife Research* 67: 5.
6. Dementavičius, D., Rumbutis, S., Virbickas, T., Vaitkuvienė, D., Dagys, M., and **Treinys, R.** 2020. Spatial and temporal variations in the White-tailed Eagle *Haliaeetus albicilla* breeding diet revealed by prey remains. *Bird Study* 67: 206–216.
7. Kamarauskaitė, A., Dementavičius, D., Skuja, S., Dagys, M. and **Treinys, R.** 2020. Interaction between the White-tailed Eagle and Common Buzzard estimated by diet analysis and brood defence behaviour. *Ornis Fennica* 97: 26-37.
8. Kamarauskaitė, A., Skuja, S. and **Treinys, R.** 2019. Nesting habitat overlap between the Common Buzzard *Buteo buteo* and the Lesser Spotted Eagle *Clanga pomarina* for conservation planning in Natura 2000 sites. *Bird Study* 66: 224-233.
9. Bergmanis, U, Väli, Ü. and **Treinys, R.** 2019. Nest site selection and turnover patterns in support of conservation decisions: Case study of the lesser spotted eagle in the core area of its global population. *Forest Ecology and Management* 448: 67–75.
10. Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys, M. and **Treinys, R.** 2019. No adverse effects on Lesser Spotted Eagle breeding in an area of high White-tailed Eagle density. *Journal of Ornithology* 160: 453–461.
11. Skuja, S., Mozgeris, G. and Treinys, R. 2019. May sympatric Lesser Spotted Eagles and Black Storks compete for nesting sites in spatially varying environments? *Baltic Forestry* 25: 63–68.

PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS

2020 – 2022 Researcher. Identification of Avian Hemosporidian Parasites vectors of diurnal birds of prey (Research Council of Lithuania).

PARTICIPATION IN SCIENTIFIC CONFERENCE

International conferences:

1. Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys, M. and **Treinys, R.** Does a Lesser Spotted Eagle suffers fitness costs in a high-density area of the White-tailed Eagle? SEA EAGLE 2017 CONFERENCE, 5–7 October, Roosta, Estonia.

2. Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys, M. and **Treinys, R.** Does mesopredator Lesser Spotted Eagle suffers breeding costs in a high-density area of the White-tailed Eagle? The Lesser Spotted Eagle Conference, Burgas, Bulgaria, 11-14 of October, 2017.
3. Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys, M., Treinys, R. Does the White-tailed Eagle predation on the intraguild and internationally protected bird species presents a sharp conservation dilemma? SEA EAGLE 2017 CONFERENCE, 5–7 October, Roosta, Estonia.
4. Dementavičius, D., Rumbutis, S., Vaitkuvienė, D., Dagys M., Treinys, R. Are geese an important component of diet for the White-tailed Eagle nestlings in Lithuania? THE 18TH CONFERENCE OF GOOSE SPECIALIST GROUP, 27–30 March 2018, Klaipėda, Lithuania.
5. Kamarauskaitė, A., Dementavičius, D., Skuja, S., Dagys, M. and Treinys, R. Interaction between top predator and mesopredator estimated by diet analysis and field experiment. THE COINS 2019, 26–28 February, Vilnius, Lithuania.

PARTICIPATION IN THE STUDY

Supervisor of PhD student

Biomedical sciences, Ecology and Environmental science (03 B)

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| Gintarė | Title of doctoral dissertation: „Timing of breeding, dynamics of individual and population parameters, their long-term changes and relationships with habitat and climate change in Tawny Owl <i>Strix aluco</i> “. | 2012 – 2016 Nature Research Centre |
| Grašytė | | |

Supervisor of PhD student (together with habil. Dr. Rimantas Rakauskas):

Natural sciences, Zoology (N 014)

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| Aušra | Title of doctoral dissertation: „The habitat preferences of Common Buzzard (<i>Buteo buteo</i>) and interaction with other birds of prey“. | 2015 – 2019 Vilnius University |
| Kamarauskaitė | | |

Supervisor of PhD student (together with prof. dr. Dennis Hasselquist)

Natural sciences, Ecology and Environmental research (N 012)

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| Gintaras | Title of doctoral dissertation: „Migratory behaviour in a long-distance migrant songbird, the great reed warbler“. | 2016 – 2020 Nature research centre |
| Malmiga | | |

Supervisor of PhD student

Natural sciences, Ecology and Environmental research (N 012)

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| Deivis | Title of doctoral dissertation: „reproduction parameters, diet composition and interactions with some raptors species in the increasing White-tailed Eagle (<i>Haliaeetus albicilla</i>)“. | 2017 – 2021 Nature research centre |
| Dementavičius | | |

Supervision of master students:

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| Gintarė | Title of thesis: „Habitat preferences and vocalization conditions in Pygmy Owl (<i>Glaucidium passerinum</i> L.)“. | 2018 – 2019 Vilnius University |
| Grašytė | | |
| Ervin Komar | Title of thesis: „Spatial and temporal dynamics of White-tailed | 2018 – 2019 |

Eagle in fishponds during autumn“.

Vilnius
University

Oponent of dissertation:

Biomedical sciences, Ecology and Environmental science (03 B)

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| Daiva Vaitkuvienė | Title of doctoral dissertation: „Abundance and spatial distribution, breeding habitat selection, breeding success and spring arrival of the white stork <i>Ciconia ciconia</i> in the north-western periphery of the range“. | 2014 Nature research centre |
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Agriculture sciences, Forestry (04 A)

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| Rytis Zizas | Title of doctoral dissertation: „The influence of forest structure on the capercaillie (<i>Tetrao urogallus</i> L.) habitats and distribution in south-eastern Baltic Sea region“. | 2015 Lithuanian research centre for agriculture and forestry |
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Reviewer of dissertation:

Biology, Geography and Geology

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| Camilla Ekblad | Title of doctoral dissertation: „The return of the White-tailed Eagle: ecology of predator-prey relationships in the Baltic Sea and Arctic inland“. | 2022 University of Turku, Finland |
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Member of Dissertation Defence Panel:

Biomedical sciences, Ecology and Environmental science (03 B)

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| Dovilė Bukauskaitė | Title of doctoral dissertation: „Avian Haemosporidian parasites (Haemosporida): Sporogonic development and determination of vectors“. | 2018 Nature research centre |
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Natural sciences, Zoology (N 014)

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| Elena Platonova | Title of doctoral dissertation: „Avian haemosporidian parasites: factors influencing the transmission of tropical species in temperate zone“. | 2022 Nature research centre |
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OTHERS

1. **Treinys, R.** Stončius, D., Skuja, S. ir Rumbutis, S. 2013. *Mažasis erelis rėksnys*, 48 p.
2. **Treinys, R.** Juodasis gandra / Paprastasis startsakalis / Sakalas keleivis / Eurazinis sketsakalis / Paprastasis pelėsakalis / Paprastasis vištvanagis / Kilnūsis erelis / Paprastasis gyvatėdis / Pievinė lingė / Didysis erelis rėksnys / Mažasis erelis rėksnys / Jūrinis erelis / Juodasis peslys / Rudasis peslys / Erelis žuvininkas / Liepsnotoji pelėda / Paprastoji lututė / Balinė pelėda / Pelėdikė / Didysis apuokas / Žvirblinė pelėda / Uralinė pelėda. – In: Rašomavičius, V., (ed.). Red Data Book of Lithuania. Animals, plants, fungi. – Vilnius.