

# Giedrė Višinskienė

## CONTACT INFORMATION

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## EDUCATION AND ACADEMIC DEGREE

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2010 PhD, Biomedical Science, Ecology and Environmental Science, Nature Research Center. Thesis Title – „Caddisfly (Insecta, Trichoptera) diversity in Lithuania and impacts of environmental factors on their distribution and abundance“  
1998–2000 MS, Zoology (Vilnius University Faculty of Natural Sciences, Lithuania)  
1994–1998 BS, Biology (Vilnius University Faculty of Natural Sciences, Lithuania)

## PROFESSIONAL EXPERIENCE

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2012 – until now Researcher, Laboratory of Evolutionary Ecology of Hydrobionts (Nature Research Centre)  
2009 - 2012 Junior Researcher, Laboratory of Evolutionary Ecology of Hydrobionts of Vilnius University (now Nature Research Centre)  
2001–2009 Junior Researcher, Laboratory of Entomology, Institute of Ecology of Vilnius University (now Nature Research Centre)  
1999–2001 Laboratory assistant, Laboratory of Entomology, Institute of Ecology (now Nature Research Centre)

## RESEARCH INTERESTS

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- Biodiversity and monitoring of freshwater benthic invertebrates in species and community level.
- Experience in all stages of freshwater macroinvertebrate research: field, laboratory, identification, calculation, and evaluation.
- Focused on environmental changes impact assessment to benthic macroinvertebrate communities and changes of ecological status of freshwater bodies.
- Expert on ecological status of rivers, lakes, and ponds ecosystems evaluating based on various metrics of macroinvertebrates.

## PUBLICATIONS

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

1. Jakubavičiūtė E., Heather F., **Višinskienė G.**, Morkvėnas A., Gorfine H., Pūtys Ž., Ložys L., Audzijonytė A. 2022. Historical fish survey datasets from productive aquatic ecosystems in Lithuania. *Data in Brief*, Vol. 41 107990, doi:<https://doi.org/10.1016/j.dib.2022.107990>

2. Butkus R., **Višinskienė G.** 2020. The aquatic invader *Potamopyrgus antipodarum* (Gray, 1843) is a poorer food item for benthivorous fishes than native snails. *Aquatic Invasions*, Vol: 15 (3): 473–481. <https://doi.org/10.3391/ai.2020.15.3.07>
3. Butkus R., **Višinskienė G.**, Arbačiauskas K. 2019. First record of the acute bladder snail *Physella acuta* (Draparnaud, 1805) in the wild waters of Lithuania. *BioInvasions Records*, Rapid Communication, Vol. 8 (2): 281–286. <https://doi.org/10.3391/bir.2019.8.2.10>
4. Minchin D., Arbačiauskas K., Daunys D., Ezhova E., Grudule N., Kotta J., Molchanova N., Olenin S., **Višinskienė G.**, Strake S. 2019. Rapid expansion and facilitating factors of the Ponto-Caspian invader *Dikerogammarus villosus* within the eastern Baltic Sea. *Aquatic Invasions* 14 (2): 165–181. <https://doi.org/10.3391/ai.2019.14.2.02>
5. Šidagytė E., **Višinskienė G.**, Arbačiauskas K. 2013. Macroinvertebrate metrics and their integration for assessing the ecological status and biocontamination of Lithuanian lakes. *Limnologica* 43: 308–318. <https://doi.org/10.1016/j.limno.2013.01.003>
6. **Višinskienė G.**, Bernotienė R. 2012. The use of benthic macroinvertebrate families for river quality assessment in Lithuania. *Central European Journal of Biology* 7 (4): 741–758. <https://doi.org/10.2478/s11535-012-0052-1>
7. Saldaitis A., Benedek B., **Visinskiene G.** 2011. Description of two new species of Noctuidae from China (Lepidoptera, Noctuoidea). *Zootaxa* 3020: 60–68. *Zootaxa* ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition) <https://doi.org/10.11646/zootaxa.3020.1.3>
8. Arbačiauskas K., **Višinskienė G.**, Smilgevičienė S., Rakauskas V. 2011. Non-indigenous macroinvertebrate species in Lithuanian fresh waters, Part 1: Distributions, dispersal and future. *Knowledge and Management of Aquatic Ecosystems* 402, 12: 1–18. <https://doi.org/10.1051/kmae/2011075>
9. Arbačiauskas K., **Višinskienė G.**, Smilgevičienė S. 2011. Non-indigenous macroinvertebrate species 1 in Lithuanian fresh waters, Part 2: Macroinvertebrate assemblage deviation from naturalness in lotic systems and the consequent potential impacts on ecological quality assessment. *Knowledge and Management of Aquatic Ecosystems* 402, 13: 1-18, *Knowledge and Management of Aquatic Ecosystems* ISSN: 19619502. <https://doi.org/10.1051/kmae/2011076>

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

1. Martinaitis K., Ferenca R., Salokannel J., **Višinskienė G.** 2020. New data on extremely rare caddisfly *Philopotamus montanus* (Donovan, 1813) (Trichoptera, Philopotamidae) in Lithuania. *Bulletin of the Lithuanian Entomological Society*, Lietuvos entomologų draugija, Vol. 4 (32): 125–131.
2. **Višinskienė G.**, Pisanenko A., Švitra G. 2018. New caddisfly (Trichoptera) species for the fauna of Belarus. *Bulletin of the Lithuanian Entomological Society*, Lietuvos entomologų draugija, Vol. 2 (30): 103–107.
3. **Višinskienė G.**, Arbačiauskas K. 2018. On the occurrence of rare aquatic beetle *Hydroglyphus hamulatus* (Gyllenhal, 1813) (Coleoptera, Dytiscidae) in Lithuania. *Bulletin of the Lithuanian Entomological Society*, Lietuvos entomologų draugija, Vol. 2 (30): 26–29.
4. **Višinskienė G.**, Arbačiauskas K., Šidagytė E. 2017. New locality of the rare riffle beetle *Potamophilus acuminatus* (Fabricius, 1772) (Coleoptera, Elmidae) in Lithuania. *Bulletin of the Lithuanian Entomological Society*, Lietuvos entomologų draugija, Vol. 1 (29): 30–34.
5. Šidagytė E., **Višinskienė G.**, Arbačiauskas K. 2016. *Tricholeiochiton fagesii* (Guinard, 1879) – a new caddisfly (Trichoptera, Hydroptilidae) species to Lithuanian fauna. *New and rare for Lithuanian insect species. Records and Descriptions*, Lietuvos entomologų draugija, 28: 79–82.

6. Višinskienė G., Bernotienė R. 2013. Macroinvertebrates in the South-Eastern Lithuanian springs with the note on the blackfly (Diptera: Simuliidae) species new for Lithuanian fauna. *New and rare for Lithuanian insect species. Records and Descriptions*, Lietuvos entomologų draugija, 25: 73–78.
7. Bernotienė, R., Višinskienė, G. 2012. First records of Thaumaleidae (Diptera) in Lithuania. *New and Rare for Lithuania Insect Species. Records and Descriptions*, Lietuvos entomologų draugija, 24: 30–32.
8. Višinskienė G. 2010. The share of caddisflies (Trichoptera) in benthic macroinvertebrate assemblages of different Lithuanian rivers. *New and rare for Lithuania insect species. Records and descriptions*, Lietuvos entomologų draugija, 22: 60–72.

## **PARTICIPATION IN INTERNATIONAL AND NATIONAL SCIENTIFIC PROGRAMMES AND PROJECTS**

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| 2019-2022 | „Combining advanced models, citizen science and big data to sustainably manage food production and ecological services in inland aquatic ecosystems (DOT-MODEL)“ (Investigator). |
| 2020-2021 | „Preparation of a feasibility study for the dredging project of the tributaries (rivers) of the Nemunas delta (NEMUNO DELTA)“ (Investigator).                                    |
| 2017–2018 | „Preparation of a proposal for the assessment of Lithuanian protected animals, plants and fungi according to IUCN categories and species descriptions“ (Investigator).           |
| 2015–2018 | „Implication of species and functional diversity for aquatic ecosystem services under increasing eutrophication and chemical pollution (RETRO)“ (Investigator).                  |

## **PARTICIPATION IN SCIENTIFIC CONFERENCES**

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1. Višinskienė, G., Arbačiauskas, K. 2012. Caddisfly (Insecta:Trichoptera) fauna and biodiversity in Lithuania. The 14<sup>th</sup> International Symposium on Trichoptera: July 02-07, 2012. Valdivostok. Russia.
2. Višinskienė G., Arbačiauskas K. 2011. Benthic macroinvertebrate taxa as indicators of ecological status: results from Lithuanian rivers. „Rivers as Linked Systems“, 2<sup>nd</sup> Biennial Symposium of the International Society for River Science (ISRS) Abstractbook: 68. Berlin, Germany, August 08-12, 2011.

## **OTHERS**

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1. Višinskienė G. Reliktinis lašalas. *Neophemera maxima* (Joly, 1870). Kn.: Rašomavičius V. (red.). 2021. Lietuvos raudonoji knyga. Gyvūnai, augalai, grybai. Vilnius, 88 p. <https://gamtosknyga.lt/leidinys/lietuvos-raudonoji-knyga/>
2. Višinskienė G. Mažoji ankstyvė. *Capnopsis schilleri* (Rostock, 1892). Kn.: Rašomavičius V. (red.). 2021. Lietuvos raudonoji knyga. Gyvūnai, augalai, grybai. Vilnius, 89 p.
3. Višinskienė G. Mėlynsparnė apsiuva. *Semblis phalaenoides* (Linnaeus, 1758). Kn.: Rašomavičius V. (red.). 2021. Lietuvos raudonoji knyga. Gyvūnai, augalai, grybai. Vilnius, 137 p.