

Viktorija Dobrynina

CONTACT INFORMATION

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EDUCATION AND ACADEMIC DEGREE

2020-10 – to date Doctoral studies (Ecology and Environmental Sciences). State Research Institute Nature Research Centre (2021–2024).
2011– 2013 Master studies. Vilnius University. Diploma of Master of Medical Biology was received in 2013.
2007 – 2011 Bachelor studies. Department of Biology of the Lithuanian University of Educational Sciences. Biology Bachelor’s Diploma was received in 2011.

PROFESSIONAL EXPERIENCE

2020-12 – present **Doctoral student**
(State Research Institute Nature Research Centre: Entomology Department).
2016 – present **Medical biologist**
(Medical PoliClinics of Karoliniškės, Vilnius).
2013 – 2016 **Medical biologist**
(„UAB Sosdiagnostika“, Vilnius).

RESEARCH INTERESTS

Taxonomic inventory of ecologically specialized, plant-mining Nepticulidae (Lepidoptera: Nepticuloidea), with updated ecological and morphological characteristics of the family.

The aim of our studies is the taxonomic inventory of plant tissue-mining pygmy moths (Nepticulidae) and the updated ecological and morphological characteristics of the family. To achieve this goal, the following tasks are set: 1) perform an assessment of the significance (value) of publications on the topic of the dissertation as published products of biodiversity and present the results of the analysis of the taxonomic inventory of Nepticulidae and taxa related to this family (Opostegidae and Tischeriidae) in the scope of the global fauna; 2) after preparing an overview of the traces of larval activity (leaf mines) of Nepticulidae occurring in Lithuania, to present conclusions and recommendations regarding the use of the traces of larval activity of Nepticulidae in the diagnostics of species; 3) after revealing new host plants of Nepticulidae and after performing the analysis of the trophic relationships of the family, supplement the ecological characteristics of Nepticulidae with new data on trophic specialization; 4) based on the ecological and morphological studies of Nepticulidae collected in the Transcaucasia (Armenia), as well as some material received from the Neotropics (Argentina and Colombia), to document, describe and publish new species of Nepticulidae and supplement the morphological characteristics of the family.

PUBLICATIONS

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

- Dobrynina, V.**, Stonis, J. R., Diškus, A., Solis, M. A., Baryshnikova, S. V., Young-Min, S. (2022) Global Nepticulidae, Opostegidae, and Tischeriidae (Lepidoptera): temporal dynamics of species descriptions and their authors. *Zootaxa*, 5099 (4), 450–474. <https://doi.org/10.11646/zootaxa.5099.4.2>
- Remeikis, A., **Dobrynina, V.** (2021) Differentiation of the Andean *Ozadelpha ovata* and *O. rionegrella* sp. nov. (Lepidoptera, Nepticulidae) based on characters of the male genitalia. *Zootaxa*, 5016 (2): 283–288.

Scientific articles published in journals (books), listed in “Clarivate Analytics Web of Science Master List” database (without a citation index):

- Dobrynina, V.**, Baryshnikova, S., Budrys, E., Rimšaitė, J., Bidzilya, O. (2021) Taxonomic papers as published products of the biodiversity inventory: if not the Impact Factor (IF) or Quartiles (Q), then what determines their importance estimated on the basis of the Research Interest Score? *Biologija*, 67 (2): 93–113
- Stonis, J.R., Diškus, A., **Dobrynina, V.** (2022) What are the most typical leaf mines of Nepticulidae? Identified diagnostic characters and their detection frequency. *Biologija*, (1): 1–13
- Diškus, A., **Dobrynina, V.** (2022) Trophic relationships and mining seasons of the Nepticulidae of Lithuania: an updated survey. *Biologija*, 68 (2): 91–100
- Dobrynina, V.** (2022) Do some characters of leaf mines of Nepticulidae depend on anything else than the species characteristics itself? *Biologija*, 68 (2): 101–109

Other recent peer reviewed scientific publications (books, books’ chapters, collections of articles, articles, textbooks, etc.):

- Stonis, J.R., Diškus, A., **Dobrynina, V.**, Remeikis, A., Buchner, P. (2022) *Vadovas Lietuvos mažųjų gaubtagalvių minoms pažinti (su nuoroda į elektroninę minų diagnostinę priemonę)*. Vilnius, Gamtos tyrimų centras, 122 p.
- Stonis, J.R., **Dobrynina, V.** (2022) History of the investigation of the Lithuanian Nepticulidae. *Diagnostics of mines of the Lithuanian Nepticulidae. An identification tool*. Available at <https://leafmines.info/> (08-12-2022).
- Stonis, J. R., Diškus, A., **Dobrynina, V.**, Remeikis, A., Buchner, P. (2022) *Vadovas Lietuvos mažųjų gaubtagalvių minoms pažinti (su nuoroda į elektroninę minų diagnostinę priemonę)* Gamtos tyrimų centras, Vilnius, 122 pp. <https://doi.org/10.35513/2022.Nepticulidae>
- Navickaitė, A., Diškus, A., Stonis, J. R., **Dobrynina, V.** (2011) Taxonomic catalogue of the world Nepticuloidea and Tischerioidea (Lepidoptera) described by members of the Biosystematics Research Group (Lithuania) up to 2009. *Acta Zoologica Lituanica*, 21 (2): 113–132.

INTERNSHIP AND SCIENTIFIC RESEARCH FIELDWORK ABROAD

- 2022-07 Scientific research expedition to Armenia (in collaboration with the Academy of Sciences of Armenia).
- 2022-07 Scientific internship at the Centre of Zoological and Hydro-Ecological Research of the Academy of Sciences of Armenia, Yerevan.
- 2021-06/07 Scientific internship at the Institute for Evolutionary Ecology of the Ukrainian National Academy of Sciences (Kyiv, Ukraine).

PARTICIPATION IN SCIENTIFIC CONFERENCES

Recent international scientific conferences:

Dobrynina V. 2022. Dynamics of global biodiversity inventory: species descriptions of three model, plant-mining lepidopteran families. *The COINS 2022* (Vilnius, 2022-02-28 – 2022-03-03).

NEW TAXA OF ORGANISMS (SPECIES AND GENERA) RECENTLY DESCRIBED AND REGISTERED IN ZOOBANK (2021–2022)

Ozadelpha rionegrella Remeikis & Dobrynina, 2021 (Lepidoptera: Nepticulidae)
 urn:lsid:zoobank.org:act:7EF760C4-EB94-4F33-AAA5-F32F6CF4ADE5
<http://zoobank.org/NomenclaturalActs/7ef760c4-eb94-4f33-aaa5-f32f6cf4ade5>

Note: currently during our studies of newly collected scientific material from Armenia, several new taxa (new species of Nepticulidae) were already identified; they are in preparation for description (publishing) and registration with the international ZooBank.