

# Laurynas Taura

## CONTACT INFORMATION

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## EDUCATION AND ACADEMIC DEGREE

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2020 – until now Doctoral studies in Ecology and Environmental Science (N012) (Vilnius University and Nature Research Centre).  
The subject of the PhD studies “Effect of reproductive and functional traits of the threatened plant species on the population stability under the climate changes”, Scientific Supervisor – Dr. Z. Gudžinskas.  
Research area: ecology, population dynamics, endangered plant species, and the impact of climate changes on endangered plant species.

2018 – 2020 Vilnius University, Biodiversity studies. Degree of Master of Science.  
Master thesis: “The structure of *Cytisus scoparius* populations and traits affecting its invasiveness”.  
Laboratory: Nature Research Centre, Laboratory of Flora and Geobotany.  
Research area: invasive species; reproductive traits, functional traits, reproductive, and functional trait effect on population dynamics, effect of external and internal damages on the dynamics of populations.

2014 – 2018 Šiauliai University, Ecology, and environmental studies. Bachelor’s degree.  
Bachelor thesis: “The demographic structure of *Cytisus scoparius* populations under different ecological conditions”.  
Research area: ecology, invasive species, population dynamics, effect of environmental conditions on population structure.

## PROFESSIONAL EXPERIENCE

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2019 05 21 – until now **Biologist**  
(Laboratory of Flora and Geobotany, Nature Research Centre)

2020-10-01 – until now **PhD student**  
(Vilnius University and Nature Research Centre)

## RESEARCH INTERESTS

Research on the functional and reproductive traits and population dynamics of endangered and invasive plant species. Research on the impact of climate changes on the stability of populations of endangered plant species.

## PUBLICATIONS

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

1. Gudžinskas Z., **Taura L.** 2022. Do reproductive traits of invasive populations of Scotch broom, *Cytisus scoparius* (Fabaceae), outperform native populations? – *Plants*, 11(16), 2158. <https://doi.org/10.3390/plants11162158>
2. **Taura L.**, Kamaitytė-Bukelskienė L., Sinkevičienė Z., Gudžinskas Z. 2022. Study on the rare semiaquatic plant *Elatine hydropiper* (Elatinaceae) in Lithuania: Population density, seed bank and conservation challenges. – *Frontiers in Bioscience-Landmark*, 27(5), 162. <https://doi.org/10.31083/j.fbl2705162>
3. Gudžinskas Z., **Taura L.** 2021. *Scirpus radicans* (Cyperaceae), a newly-discovered native species in Lithuania: population, habitats and threats. – *Biodiversity Data Journal* 9:e65674. <https://doi.org/10.3897/BDJ.9.e65674>
4. Gudžinskas Z., Petrulaitis L., **Taura L.** 2021. *Asclepias syriaca* L. (Apocynaceae) and its invasiveness in the southern part of the Boreal region of Europe – evidence from Lithuania. – *BioInvasions Records* 10(2), 436–452. <https://doi.org/10.3391/bir.2021.10.2.22>

**Scientific articles published in conference proceedings, indexed in „Clarivate Analytics Web of Science“ database:**

1. Gudžinskas Z., **Taura L.** 2022. Rediscovery of endangered species *Laphangium luteoalbum* (Asteraceae) in Lithuania. – *Botanica*, 28(1), 60–66. [0.35513/Botlit.2022.1.7](https://doi.org/10.35513/Botlit.2022.1.7)
2. Gudžinskas Z., **Taura L.** 2021. Confirmed occurrence of the native plant species *Eleocharis ovata* (Cyperaceae) in Lithuania. – *Botanica*, 27(1), 44–52.
3. Gudžinskas Z., **Taura L.** 2020. New alien plant species recorded in South Lithuania. – *Botanica*, 26(2), 170–183.
4. **Taura L.**, Gudžinskas Z. 2020. Life stages and demography of invasive shrub *Cytisus scoparius* (Fabaceae) in Lithuania. – *Botanica*, 26(1), 1–14.

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

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2020 – 2022      Research of status of invasive and alien species in Lithuania. Project supervisor: Dr. Valerijus Rašomavičius. Nature Research Centre. Duration of project: 2019–2022 m. – Project executor.

**INTERNSHIP AND TRAINING**

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2017m. 07 / 08      Chonnam National University (South Korea).

**PARTICIPATION IN SCIENTIFIC CONFERENCES**

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**International scientific conferences:**

Participation in an international scientific conference „EMAPI 14“ Ecology and Management of Invasive Alien Species. The conference was hosted in Portugal, city of Lisbon, 2017 m. September 4–8 d. Poster presentation: Potential and real seed production of *Cytisus scoparius* in native and invasive populations.

Participation in an international scientific conference „NEOBIOTA“ 12th International Conference on Biological Invasions. The conference was hosted in Estonia, the city of Tartu, 2022 m.

September 12–16 d. Poster presentations: 1. Alien and invasive species affect the populations of the Baltic coastal endemic species *Linaria loeselii*. 2. What factors led to the lightning spread of *Erechtites hieraciifolius* northwards?