

Curriculum vitae

Personal information

Name: Eliška Kuťáková
Title: Mgr.
Date of birth: 22. 1. 1989
Address: Ostrov 19, 257 06 Louňovice pod Blaníkem, CZ
Phone number: +420 720 243 010
E-mail: kutakova.eliska@gmail.com



Education

- since 2013 PhD studies at the Department of Botany, Faculty of Sciences, Charles University, Prague, CZ
thesis: Plant-soil feedback as a key mechanism influencing primary succession
supervised by doc. RNDr. Zuzana Münzbergová, PhD.
- 2017 Spring School on Conservation Project Management, Goethe University, Frankfurt am Main, Germany
- 2015 Complementary pedagogical studies at the Faculty of Sciences, Charles University, Prague, CZ
thesis: The Biology Olympiad, it's significance for participants and choosing a field of future study
supervised by RNDr. Vanda Janštová, Ph.D.
- 2014 student guest at Friedrich-Schiller Universität, Jena, Germany
supervised by prof. Nico Eisenhauer, PhD.
- 2013 Master of Botany at the Faculty of Sciences, Charles University, Prague, CZ
thesis: Vegetation succession on a limestone quarry landfill
supervised by doc. RNDr. Zuzana Münzbergová, PhD.
- 2011 Bachelor of Ecological and Evolutionary Biology at the Faculty of Sciences, Charles University, Prague, CZ
thesis: Factors affecting the course of primary succession in queries
supervised by doc. RNDr. Zuzana Münzbergová, PhD
-

Working experience

- since 2019 Lecturer of educational programs, Czech Union for Nature Conservation, Vlašim, Czech Republic
- since 2018 Floristics and phytosociology mapping (EU project on inventory of small-scale specially protected areas in nationally significant territories in the Czech Republic), AOPK, Czech Republic
- since 2014 PhD position at the Czech Academy of Sciences, Průhonice, Czech Republic

Languages

English (B2+), German (A2), Russian (A2)

Grants & scholarships obtained

- 2016-2018 project funded by Charles University Grant Agency
title: Plant-soil feedback as a potential factor mediating the influence of a dominant species on community diversity (main researcher)
- 2013-2017 STARs (Supporting TAlented PhD Research Students) scholarship by Charles University
- 2010-2012 project funded by Charles University Grant Agency
title: Primary succession on an abandoned quarry surface in PLA Český kras (co-researcher)
-

Teaching

supervising masters students:

Bc. Tereza Opravilová (thesis: Plant-soil feedback and its interactions with factors determining plant coexistence; researched)

supervising bachelors students:

Eliška Strušková (thesis: Grassland restoration in abandoned quarries by sowing seed mixtures; researched)

Tomáš Müller (thesis: Quarry restoration options, defended 2018)

Tereza Opravilová (thesis: Plant-soil feedback and locality management as factors determining vegetation development, defended 2017)

2016 Experimental Plant Ecology, Faculty of Sciences, Charles University

2015 Field Course of Ecology, Faculty of Sciences, Charles University

List of publications

Kučáková, E., Meszárošová, L., Münzbergová, Z. & Baldrian, P. (accepted): Evaluating the role of biotic and chemical components of plant-soil feedback of primary successional plants. *Biology and Fertility of Soils*.

Kučáková, E., Cesarz, S., Münzbergová, Z. & Eisenhauer, N. (2018): Soil microarthropods alter the outcome of plant-soil feedback experiments. *Scientific Reports* 8: 11898.

Kučáková, E., Herben, T. & Münzbergová, Z. (2018): Heterospecific plant-soil feedback and its relationship to plant traits, species relatedness, and co-occurrence in habitats. *Oecologia* 187: 679-688.

Kučáková, E. & Janštová, V. (2015): Can be the future career choice influenced by high-school students' experience with the Biology Olympiad? *ICERI2015 Proceedings*: 6442-6450.

Presentations at conferences (selected)

- 2019 British Ecological Society (BES) Annual Meeting 2019, Belfast, UK
oral presentation: Evaluating the role of biotic and chemical components of plant-soil feedback of primary successional plants
- 2018 31st Conference of the Plant Population Biology Section of the Ecological Society of Germany, Austria and Switzerland (GfÖ), Innsbruck, Austria
poster: Can plant-soil feedbacks affect second generation of plants? Patterns and mechanisms in two soil types.
- 2016 British Ecological Society (BES) Annual Meeting 2016, Liverpool, UK
oral presentation: Questioning a negative result: Dominant species does not shape plant-soil feedback of a grassland community in a long-term removal experiment
- 2015 BES Annual Meeting 2015, Edinburgh, UK
poster: Soil arthropods change plant responses to plant-soil feedbacks
- 2015 58th Symposium of the International Association for Vegetation Science (IAVS 2015) in Brno, Czech Republic
poster: Interspecific plant-soil feedback and its relationship to plant traits, species relatedness and co-occurrence in natural communities
- 2014 GfÖ 44th Annual Meeting: Integrating ecological knowledge into nature conservation and ecosystem management, Hildesheim, Germany
poster: Restoring a dry grassland community on a limestone quarry surface: comparison of different types of management
- 2013 56th Symposium of the International Association for Vegetation Science (IAVS 2013) in Tartu, Estonia
oral presentation: Vegetation succession and species immigration in a newly abandoned limestone quarry: spatio-temporal patterns on a small scale
- 2012 3rd European Congress of Conservation Biology, Glasgow, UK
poster: Spontaneous succession in a limestone quarry as a tool of dry grassland restoration
- 2011 BES Annual Meeting 2011, Sheffield, UK
poster: Primary succession on a filled up limestone quarry