

Curriculum Vitae

Personal data:

Name: Eva Hodková
Born: 30. 05. 1990, Plzeň, Czech Republic
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Education

2015 – present: **Ph.D. study:** Department of Ecology, Faculty of Environmental Sciences, Czech University of Life Sciences Prague. Thesis: Impact of population history and climatic suitability on expansion of *Atriplex tatarica* at species' range boundaries. Supervisor: Prof. doc. Mgr. Bohumil Mandák, Ph.D.

2013 – 2015: **Master study:** Department of Botany, Faculty of Science, Charles University. Thesis: On the origin of *Chenopodium album* by means of hybridization. Supervisor: Prof. doc. Mgr. Bohumil Mandák, Ph.D.

2010 – 2013: **Bachelor study:** Department of Biology, Faculty of Education, University of West Bohemia. Thesis: Botanical research of Klabava water reservoir (distr. Rokycany). Supervisor: Mgr. Tomáš Kučera

International Fellowship

2018 – Uppsala University, Sweden; Department of Ecology and Genetics, Plant Ecology and Evolution (Lascoux Research Group: Population and evolutionary genetics).

Working experience

2014 – 2015: Institute of Botany of the Czech Academy of Sciences, Půhonice; technical position.

2015 – 2017: Department of Ecology, Faculty of Environmental Sciences, The Czech University of Life Sciences Prague; Project GAČR (Grant Agency of the Czech Republic, 15-06632S): Impact of climatic suitability and population history on expansion at species' range boundaries; research assistant.

2019 – present: Department of Ecology, Faculty of Environmental Sciences, The Czech University of Life Sciences Prague; Project MŠMT (Ministry of Education, Youth and Sports, programme Inter-Excellence, LTAUSA18188): Discovering unknown fungal diversity of the Chihuahuan Desert and its relation to the mycobiota of Mojave Desert in time of rapid climate and environmental change; research assistant.

Teaching experience

2019 – present: Plant ecology; practical course, Faculty of Environmental Sciences, Czech University of Life Sciences Prague.

2019 – present: Botany; practical course, Faculty of Environmental Sciences, Czech University of Life Sciences Prague.

2020: Laboratory methods; practical course, Faculty of Environmental Sciences, Czech University of Life Sciences Prague.

Conference:

2016: International Conference on Polyploidy, Hybridization and Biodiversity, Rovinj, Croatia; poster.

Publications

Kondrysová E, Krak K, Mandák B (2017) Development, characterization, and cross-amplification of 16 microsatellite primers for *Atriplex tatarica* (Amaranthaceae), Applications in Plant Sciences 5(11), apps.1700094. doi: 10.3732/apps.1700094

Hodková E, Mandák B (2018) An overlooked hybrid between the two diploid *Chenopodium* species in Central Europe determined by microsatellite and morphological analysis, Plant Systematics and Evolution, 304, 295–312. doi: 10.1007/s00606-017-1477-9

Hodková E, Doudová J, Douda J, Krak K, Mandák B (2019) On the road: Postglacial history and recent expansion of the annual *Atriplex tatarica* in Europe. Journal of Biogeography, 46, 2609–2621. doi: 10.1111/jbi.13687

Douda, J, Doudová, J, Hodková, E, Vít, P, Krak, K, Mandák, B (2020) Population history explains the performance of an annual herb – Within and beyond its European species range. Journal of Ecology, 108, 958– 968. Doi: 10.1111/1365-2745.13323