Curriculum vitae

**Mgr. Anna Šolcová**

Born 6. 2. 1990, Roudnice nad Labem

[Anna.Potuckova@ibot.cas.cz](mailto:Anna.Potuckova@ibot.cas.cz); annapotuckova6@gmail.com

**Education**

2012: B.S. in Ecology and evolution biology at the Faculty of Sciences, Charles University in Prague, bachelor thesis: Gondwanian element of Latin American Flora. Supervisor RNDr. Daniel Stančík, Ph.D.

2014: M.S. in Botany at the Faculty of Sciences, Charles University in Prague, master thesis: Reconstruction of palaeo-environmental conditions of the locality National Nature Reserve Šúr during Late Glacial and Holocene through the knowledge of recent vegetation. Supervisor Mgr. Pavla Žáčková

8–12/2013: Erasmus program, University of Bergen, Norway

since 2014: Phd student at the Department of Botany, Faculty of Sciences, Charles University in Prague, dissertation thesis: The long-term vegetation development since the last glacial in northern Pannonian Basin. Supervisor Mgr. Petra Hájková, Ph.D.

**Employment**

10/2014–5/2015: Labrys o.p.s.

Part-time job as an archeobotanist

since 2016: Ph.D. position at the Department of Paleoecology at the Institute of Botany of the Czech Academy of Sciences

6/2018–01/2024: maternity leave

**Projects and cooperation**

GAUK 204215- Leader of project „Development of extinct travertine lake Santovka (SW Slovakia) and reaction of the vegetation to palaeoenvironmental changes during the late-glacial and Holocene.“ (2015-2017), Charles University in Prague.

GAČR 23-05132S- cooperation on a project “New calibration and indicator systems for reconstruction of Holocene climate controlled for local habitat development.” (2023-2025), Institute of Botany of the Czech Academy of Sciences.

GAČR P504/11/0429- cooperation on a project „Environmental gradients, vegetation dynamics and landscape changes in the West Carpathians from the Late Glacial up to present times.“ (2011–2015), Project leader Mgr. Petra Hájková, PhD., Masaryk University in Brno.

GAUK 309011- cooperation on a project „Stratigraphy of the Late Pleistocene in Central Europe in limnological record of the locality Šúr (western Slovakia).“ (2011–2013), Project leader Mgr. Pavla Žáčková, Charles University in Prague.

GAČR EUROPIA 16-06915S- cooperation on a project „Holocene disturbance dynamics in European Picea abies (Norway spruce) forests: Implications for conservation and management.” (2016-2018), project leader Doc. RNDr. Petr Kuneš, Ph.D., Charles University in Prague.

GAČR 504/17-05696S- cooperation on a project „Holocene development of temperate European biota: effects of climate, refugia and local factors tested by complex datasets of independent proxies.“ (2017-2019), Project leader prof. RNDr. Michal Horsák, Ph.D., Masaryk University in Brno.

**Awards**

2015- Živa Award - Junior (Former Lake Šúr from the Late Ice Age to the Present; Živa 2/2015)

2022- 2nd-3rd place Vojtěch Jarošík Award (Abrupt vegetation and environmental change since the MIS 2: A unique paleorecord from Slovakia (2020); Quaternary Science Reviews)

**Selected conference contributions**

Poster: **Potůčková, A.**, Žáčková, P. & Petr, L.: Reconstruction of palaeo-environmental conditions of the locality Šúr during late-glacial and Holocene through knowledge of recent vegetation. –Biogeography of the Carpathians: Evolution of Biodiversity in a Spatiotemporal Context (2013), Kraków, Poland.

Poster: **Potůčková, A.**, Hájková, P., Petr, L. & Horsák, M.: The Early Holocene persistence of thermophilous Pannonian woodlands in the Danubian Lowland. – 58th Annual Symposium of the International Association for Vegetation Science (2015), Brno.

Poster: **Potůčková, A.**, Jamrichová, E., Horsák, M., Petr, L. & Hájková, P.: Reaction of biota to the late glacial climate amelioration in the Danubian Lowland (SW Slovakia). – EPD Meeting (2016), Aix-en-Provence, France.

**List of publications**

Pokorná, A., Hájková, P., Bernardová, A., Jonášová, B., Kučerová, A., Jiroušková, J., Šumberová, K., **Šolcová, A.**, Starec, P., & Tichý, L. (2024). A new tool for formalised vegetation reconstruction from (sub)fossil records – the FEVER Index. Vegetation History and Archaeobotany.

Hájková, P.; Jamrichová, E.; **Šolcová, A.**; Frodlová, J.; Petr, L.; Dítě, D.; Hájek, M. and Horsák, M. (2020). Can relict-rich communities be of an anthropogenic origin? Palaeoecological insight into conservation strategy for endangered Carpathian travertine fens. Quaternary Science Reviews, 234.

**Šolcová, A.**; Jamrichová, E.; Horsák, M.; Pařil, P.; Petr, L.; Heiri, O.; Květoň, J.; Křížek, M.; Hartvich, F.; Hájek, M. and Hájková, P. (2020). Abrupt vegetation and environmental change since the MIS 2: A unique paleorecord from Slovakia (Central Europe). Quaternary Science Reviews, 230.

Carter, V.; Bobek, P.; Moravcová, A.; **Šolcová, A.**; Chiverrell, R.; Clear, J.; Finsinger, W.; Feurdean, A.; Tanţău, I.; Magyari, E.; Brussel, T. and Kuneš, P. (2020). The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. Global and Planetary Change, 193.

Jamrichová, E.; Bobek, P.; **Šolcová, A.**; Tkáč, P.; Hédl, R. and Valachovič, M. (2019). Lowland pine forests in the northwestern Pannonian Basin: between natural vegetation and modern plantations. Regional Environmental Change, 19(8).

Petřík, J.; Petr, L.; Adameková, K.; Prišťáková, M.; **Potůčková, A.**; Lenďáková, Z.; Frączek, M.; Dresler, P.; Macháček, J.; Kalicki, T. and Lisá, L. (2019). Disruption in an alluvial landscape: Settlement and environment dynamics on the alluvium of the river Dyje at the Pohansko archaeological site (Czech Republic). Quaternary International, 511: 124–139.

**Šolcová, A.**; Petr, L.; Hájková, P.; Petřík, J.; Tóth, P.; Rohovec, J.; Bátora, J. and Horsák, M. (2018). Early and middle Holocene ecosystem changes at the Western Carpathian/Pannonian border driven by climate and Neolithic impact. Boreas, 47(3).

**Potůčková, A.**; Hájková, P.; Žáčková, P.; Petr, L.; Grygar, T., M. and Weiser, M. (2018). Spatiotemporal heterogeneity of the palaeoecological record in a large temperate palaeolake, Šúr, southwest Slovakia: Comparison of pollen, macrofossil and geochemical data. Palaeogeography, Palaeoclimatology, Palaeoecology, 489, 52–63.

Horsák, M.; Hájek, M.; Horsáková, V.; Hlaváč, J.; Hájková, P.; Dítě, D.; Peterka, T.; Divíšek, J.; **Potůčková, A.** and Preece, R., C. (2017). Refugial occurrence and ecology of the land snail Vertigo lilljeborgi in fen habitats in temperate mainland Europe. Journal of Molluscan Studies, 83(4),451–460.

Jamrichová, E.; **Potůčková, A.**; Horsák, M.; Hajnalová, M.; Barta, P.; Tóth, P. and Kuneš, P. (2014). Early occurrence of temperate oak-dominated forest in the northern part of the Little Hungarian Plain, SW Slovakia. The Holocene, 24(12), 1810–1824.

Hájková, P., **Potůčková, A.**, & Hájek, M. (2017). Zajímavé nálezy vzácných mechorostů ve starých sedimentech 2. 59(2017), 67-71.

**Potůčková, A.** (2015): Vývoj vegetace nížinného jezera Šúr na západním Slovensku od pozdní doby ledové po dnešek. Živa, 2, 66–68.

**Potůčková, A.**, Stančík, D. (2013): Původ latinskoamerické flóry skrytý v DNA a role rozpadu Gondwany I. Vikariance. Živa, 1, 19–22.

**Potůčková, A.**, Stančík, D. (2013): Původ latinskoamerické flóry skrytý v DNA a role rozpadu Gondwany II. Migrace a disperze na dlouhou vzdálenost. Živa, 2, 62–65.

**Potůčková, A.**, Stančík, D. (2013): Původ latinskoamerické flóry skrytý v DNA a role rozpadu Gondwany III. Kombinace mechanismů vzniku disjunkcí. Živa, 3, 111–114.