Curriculum vitae

**Mgr. Anna Šolcová**

Born 6. 2. 1990, Roudnice nad Labem

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, Universitetet i 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 nothern 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

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 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 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“ (x-x), Project leader prof. RNDr. Michal Horsák, Ph.D., Masaryk University in Brno

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

List of publications

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

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

The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. 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. Global and Planetary Change, 193. 2020.

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

Disruption in an alluvial landscape: Settlement and environment dynamics on the alluvium of the river Dyje at the Pohansko archaeological site (Czech Republic). Petřík, J.; Petr, L.; Adameková, K.; Prišťáková, M.; Potůčková, A.; Lenďáková, Z.; Frączek, M.; Dresler, P.; Macháček, J.; Kalicki, T. and Lisá, L. Quaternary International, 511: 124-139. 3 2019.

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

Spatiotemporal heterogeneity of the palaeoecological record in a large temperate palaeolake, Šúr, southwest Slovakia: Comparison of pollen, macrofossil and geochemical data. Potůčková, A.; Hájková, P.; Žáčková, P.; Petr, L.; Grygar, T., M. and Weiser, M. Palaeogeography, Palaeoclimatology, Palaeoecology, 489: 52-63. 1 2018.

Refugial occurrence and ecology of the land snail Vertigo lilljeborgi in fen habitats in temperate mainland Europe. Horsák, M.; Hájek, M.; Horsáková, V.; Hlaváč, J.; Hájková, P.; Dítě, D.; Peterka, T.; Divíšek, J.; Potůčková, A. and Preece, R., C. Journal of Molluscan Studies, 83(4): 451-460. 11 2017.

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