



Helena Svitavská Svobodová (PhDr., CSc.)

Date of birth: 20. 5. 1956

Resident: Czech Republic

Graduated:

1980, PhDr. Faculty of Arts, Charles University, Prague: Prehistory-History

1980, Faculty of Sciences, Charles University, Prague: Paleontology

1992, CSc., Institute of Botany, Czech Academy of Sciences: Biology

Work experience:

1992-2013 Institute of Botany, Czech Academy of Sciences, Department of Geobotany, Průhonice

2014-2019 Institute of Botany Czech Academy of Sciences, Department of Vegetation Ecology

2019-*: Institute of Botany, Czech Academy of Sciences, Department of Paleoecology, Průhonice

Functions:

2001-2008: Deputy head of the Department of Geobotany at the Institute of Botany, Průhonice

2010-2013: Head of the Department of Geobotany at the Institute of Botany, Průhonice

Long stays abroad:

1983: W. Szafer Institute of Botany, Polish Academy of Sciences, Krakow, Poland

1993, 1994, 1995: Palynologisches Abteilung, Botanisches Institute, Universität Bern, Swiss

1996-1999: Laboratoire de Botanique Historique et Palynologie, Institut Méditerranéen d'Écologie et Paléoécologie, Université St. Jérôme, Marseille-Aix III, France

Teaching:

Paleoecology of Quaternary and Microscopic methods of systematic botany and vascular plants (1994-2006, Department of Botany, Faculty of Sciences, Charles University in Prague)

Palynology of Quaternary (2010-2015, Department of Botany, Laboratory of Archeobotany and Paleoecology, Faculty of Science, University of South Bohemia, České Budějovice)

Research focus:

Reconstructions of vegetation and vegetation diversity based on pollen analyses of lakes, mires and sedimentary series of the Late Glacial and Holocene and long Pleistocene sequences. Dynamics of pollen falls of the mountain areas in Bohemia. Determination of pollen and spores and water plankton and diverse microscopic non-pollen objects.

Organizations:

Palynological Society
Czech Botanical Society

Main research projects in the last 10 years

Leder

2014-2020: POLLDEPO Comparison of related pollen depositions of tundra in central European mountains and in subarctic region. FP7/2007-2013/ Grant agreement INTERACT no. 262693, INTERACT Trans-National Access, European Commission

Joint applicant

2017-2019: Hidden human prehistoric activities in the mountains. Archeological and pollen evidence from the Šumava Mountains, Czech Science Foundation GA-17-17909S (Leader D. Dreslerová, Institute of Archeology, Czech Academy of Sciences, Prague)

2008-2012: Interplay, human impact and land erosion recorded in the natural archives of Strážnické Pomoraví (Czech Republic). Grant Agency of the Czech Republic GAAV IAAX00130801 (Leader J. Kadlec, Institute of Geology, Czech Academy of Sciences, Prague)

Member of the research team

2020-2022: Historical land use and its importance for the protection of important species along the Bavarian-czech border, INTERREG EU (leader P. Kuneš, Faculty of Sciences, Charles University in Prague)

2019-2021: BOBAFIRES Assessing drivers and spatio/temporal patterns of biomass burning in central European spruce/beech forest. Czech Science Foundation GA 19-14271Y (leader G. Florescu, Faculty of Sciences, Charles University in Prague)

2016-2018: Origin of diversity of Central European Landscapes: using recent pollen and vegetation models to reconstruct historical biodiversity changes. Czech Science Foundation 16-10100S (leaders J. Roleček, Institute of Botany, Czech Academy of Sciences; V. Abraham Faculty of Sciences, Charles University in Prague)

2016-2018: EUROPIA Holocene disturbance dynamics in European *Picea abies* (Norway spruce) forest: Implication for conservation and management. Czech Science Foundation 16-06915S (leader P. Kuneš, Faculty of Sciences, Charles University in Prague)

2014-2016: Fire in postglacial Central Europe: neglected historical and present effect in forest dynamics. Czech Science Foundation (leader J. Wild, Institute of Botany, Czech Academy of Sciences)

2012-2016: LONGWOOD EU ERC starting grant (project applicant P. Szabó, Institute of Botany, Czech Academy of Sciences)

2013-2015: Traces of catastrophe that caused extinction of large mammals and climatic change 12900 years ago. Grant project of Ministry of Education, Youth and Sports MSM LK 21303 (leader G. Kletetschka, Faculty of Sciences, Charles University in Prague)

2008-2012: Vegetation continuity and landscape dynamics. Present state and historical causes of diversity hotspot in a region with vacillating colonisation. Grant Agency of the Czech Republic IAAX00050801 (leader J. Sádlo, Institute of Botany, Czech Academy of Sciences)

Publications:

Include 59 scientific papers (34 of them in journals with IF, **ResearcherID** D-4161-2013), 19 short communications, 13 chapters in monographs or proceedings, and 6 popularization texts of Quaternary palynology nad paleoecology.

<https://publons.com/researcher/2657470/helena-svobodova-svitavska>

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