

Mgr. Kateřina Šumberová

- born 14 October 1973, Hodonín

Research interests

- biology, ecology and distribution of annual hygrophilous plant species (classes *Isoëto-Nanojuncetea* and *Bidentetea*)
- ecology, distribution and classification of wetland vegetation (especially on temporarily flooded habitats and eutrophic water bodies)
- interactions between management and wetland vegetation
- wetland seed banks and seed dispersal, including ichthyochory

Projects

A. Running projects

- Plant species diversity in storage pond systems of different age and disturbance regime; GA AV ČR, 2008–2010, Institute of Botany & National Museum Prague, project leader Mgr. Kateřina Šumberová, PhD
- Vegetation of the Czech Republic: completion of the national survey of plant communities GA ČR, 2009–2011, Masaryk University, Brno & Institute of Botany, project leader prof. RNDr. Milan Chytrý, co-investigator in Institute of Botany Dr. Radim Hédl

B. finished projects

- Vegetation of the Czech Republic: formalised typification, monograph and expert system (co-investigator in Institute of Botany) GA ČR, 2005–2007; Masaryk University, Brno & Institute of Botany, project leader doc. RNDr. Milan Chytrý; further participants from Department of Ecology Brno: Mgr. Radim Hédl, PhD, Mgr. Michal Hájek, PhD, Mgr. Petra Hájková, PhD, and doc. RNDr. Kamil Rybníček, CSc.
- Diversity of wetland vegetation in Bulgarian mountains; GA AV ČR, 2003–2005; Masaryk University, Brno, project leader Mgr. Michal Hájek, PhD
- Spatiotemporal variability of vegetation of exposed pond bottoms as exemplified by storage ponds and fishponds in the Českokobudevická basin; GA AV ČR, 2003–2005; Institute of Botany & Masaryk University, Brno, project leader Mgr. Kateřina Šumberová, from Department of Ecology in Brno participated further Mgr. Martina Fabšičová
- Formalized classification of semi-natural grasslands of the Czech Republic; GA ČR 2002–2004; Masaryk University, Brno & Institute of Botany, project leader doc. RNDr. Milan Chytrý; further participants from Department of Ecology Brno: Mgr. Michal Hájek, PhD, and Mgr. Petra Hájková, PhD
- Biodiversity of floodplain ecosystems in the confluence area of the Morava and Dyje rivers; GA CR, 1996–1998; Masaryk University, Brno, project leader prof. RNDr. Jiří Vicherek, CSc.

Teaching activities

A. Lectures and training courses

Wetland Ecology (lecture and field training course) – Department of Botany and Zoology, Masaryk University Brno

B. Supervising of bachelor and master theses

- Michaela Petrová: Vodní a pobřežní vegetace odstavených ramen mezi Otrokovicemi a Kostelany (Ms. thesis, finished 2005)
- Michal Juříček (Bc. thesis, reed vegetation, closed 2007, Ms. thesis, fishpond flora and vegetation, finished 2009)
- Kateřina Bubíková (Bc. thesis, flora, vegetation, seed bank and seed dispersal in fishponds and fish storage ponds)

Membership in professional organisations / Členství v profesních organizacích

- Czech Botanical Society (ČBS)
- International Association of Vegetation Science (IAVS)
- Society of Wetland Scientists (SBS)

Language knowledge

English, German, Russian, Spanish

Leisure interests

Books (esp. travel books, stories about the nature and animals, psychological books), travelling, fishing and fish farming, writing