

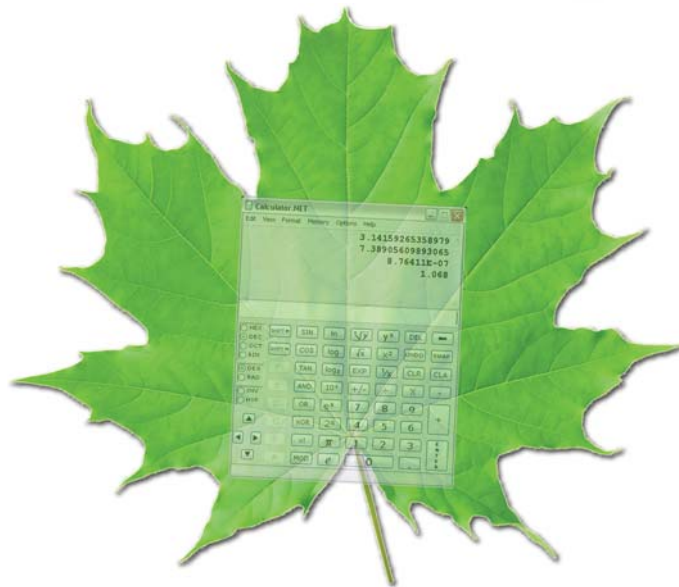


# QUANTITATIVE ECOLOGY

## Module for Master and PhD students



University of South Bohemia, Czech Republic, Winter 2017



The Faculty of Science, University of South Bohemia, organizes a semester for Master and PhD students aiming to learn updated concepts and methodologies for Quantitative Ecology studies. Practical courses (using CANOCO, R etc.) will be complemented with a theoretical ecological background

### Lecturers

- Jan Lepš
- Vojtěch Novotný
- Petr Šmilauer
- Karel Prach
- Francesco de Bello
- Václav Hypša
- David Boukal





# QUANTITATIVE ECOLOGY

## České Budějovice, Winter 2017

(October 2017 - January 2018)

### Module Courses

- Creative Publishing in Community Ecology
- Design and Analysis of Ecological Experiments
- Modern Regression Methods
- Ecology of Biological Invasions
- Molecular Ecology
- Functional Traits in Ecology
- Community Ecology
- Tropical Ecology
- Evolutionary Ecology

other courses (including field courses) according to student preferences

**Jan Lepš**, author of the Cambridge book Multivariate analysis of ecological data using Canoco 5 (with P. Šmilauer), former Ass. Ed. of J. Appl. Ecol. and J. Veg. Sci.

**Vojtěch Novotný**, tropical ecologist studying plant-insect food webs in the rainforests of Papua New Guinea (and teaching about them in Europe), Associate Editor of Ecology Letters.

**Petr Šmilauer**, co-author of Canoco™, vers. 4 to 5, Associate Editor of Folia Geobotanica.

**Karel Prach**, author of various publications in restoration ecology, vegetation ecology and ecology of invasive organisms. Member of Editorial Board of Restoration Ecology and Preslia.

**Francesco de Bello**, author of papers on functional trait diversity. Executive Editor PLoS One, Associate editor of J. Vegetation Science

**Václav Hypša**, works on evolutionary and phylogenetic issues connected to parasitism and symbiosis.

**David Boukal**, evolutionary ecologist studying predator-prey interactions and life history evolution. Associate Editor of European J. of Entomology



<http://botanika.prf.jcu.cz/quantecol>  
 contacts: Jan Lepš, [suspa@prf.jcu.cz](mailto:suspa@prf.jcu.cz)  
 or Francesco de Bello, [fradebello@prf.jcu.cz](mailto:fradebello@prf.jcu.cz)

Faculty of Science, University of South Bohemia  
 Branišovská 31, České Budějovice, Czech Republic

**Interested students** should apply for an ERASMUS grant to cover their semestral stay in České Budějovice, Czech Republic

