

## Curriculum vitae Ivana Rešetnik

Surname and Name: Rešetnik Ivana

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### EDUCATION

- 2011 Ph.D. of Science; University of Zagreb, Faculty of Science, Department of Biology; PhD thesis: "Molecular phylogeny of tribe Alysseae (Brassicaceae)", supervisor: prof. dr. sc. Zlatko Liber
- 2006 MSc of Science; University of Zagreb, Faculty of Science, Department of Biology; MSc thesis: "Molecular phylogeny of the *Lilium carnolicum* group", supervisor: prof. dr. sc. Zlatko Liber
- 2000 BSc Biology (major in ecology); University of Zagreb, Faculty of Science, Department of Biology; BSc thesis: "Phytoplankton community of the lake Jarun", supervisor: prof. dr. sc. Anđelka Plenković-Moraj

### WORK EXPERIENCE (reverse chronological order)

- 2014 – today; University of Zagreb, Faculty of Science, Department of Biology; Curator of ZA and ZAHO Herbaria
- 2007 – 2014; University of Zagreb, Faculty of Science, Department of Biology; Research assistant on the project "Phylogeny and genetic variability of endemic plants of dinaric-adriatic carst region", PI prof. dr. sc. Zlatko Liber
- 2002 – 2007; University of Zagreb, Faculty of Science, Department of Biology; Research assistant on the project "Endem Taxonomy, Phylogeny and Chorology - Research Model of Croatian Flora", PI prof. dr. sc. Toni Nikolić
- 2001 – 2002; University of Zagreb, Faculty of Science, Department of Biology; Research assistant on the project "Biological database and GIS II", PI prof. dr. sc. Branka Pevaljek-Kozlina

### FELLOWSHIPS AND AWARDS

- National Scholarship Programme of the Slovak Republic – "The use of high-throughput next generation sequencing method, Hyb-Seq, to disentangle the unresolved questions in the phylogeny of the tribe Alysseae, with the emphasis on the genus *Odontarrhena*", 2017, funded 1 month research stay in Institute of Botany, Slovak Academy of Sciences, Slovak Republic
- Österreichische Akademie der Wissenschaften grant - „Insights into polyploid evolution in the plant genus *Cerastium* (hornwort, Caryophyllaceae) in south-eastern Europe“, 2015-2016, funded 5 months research stay in Institute of Botany, University of Innsbruck, Austria
- SYNTHESYS grant – "Typification of Croatian endemic taxa", 2015, funded 2 week research stay in Natural Museum Prague, Czech Republic
- NERC scholarship for course „Taxonomic Principles and Tools in Botanical Research“, 2015, The Natural History Museum, London, UK
- SYNTHESYS grant – "Revision of selected genera of the tribe Alysseae (Brassicaceae)", 2012, funded 10 days research stay in Herbarium of the Natural History Museum (W) and Herbarium of Faculty Centre of Biodiversity (WU), Vienna, Austria

### PROJECT CO-OPERATIONS AND COORDINATIONS

Project leader:

- 2018-2023 – "Phylogeography and evolution of three ecologically divergent amphi-Adriatic plant groups"; University of Zagreb, Faculty of Science; Croatian Science Foundation
- 2017-2018 – "Next-generation systematics of the south-eastern European genus *Aurinia* (Brassicaceae): evolution and phylogeography of an intricate plant group"; University of Zagreb, Faculty of Science; Unity through Knowledge Fund

- 2016-2017 - "Plant phylogeography in southeastern Europe: insights into polyploid evolution, rapid radiation and extensive gene flow in the genus *Knautia* (Caprifoliaceae)"; University of Zagreb, Faculty of Science; Croatia-Austria bilateral project
- 2016-2017 - "Digitalisation of Herbarium collections Herbarium Croaticum (ZA) and Herbarium Ivo and Marija Horvat (ZAHO)"; University of Zagreb, Faculty of Science; HAZU

Project collaborator:

- 2016-2017 - "Vegetacijska i genetička raznolikost roda *Alnus* Mill. u Hrvatskoj"; University of Zagreb, Faculty of Agriculture; Ministry of Agriculture RH, ongoing
- 2012-2015 - "Epigenetic vs. genetic diversity in natural plant populations: A case study of Croatian endemic *Salvia* species"; University of Zagreb, Faculty of Agriculture; Croatian Science Foundation
- 2012 - "Genetic diversity of Croatian endemic *Campanula*"; University of Zagreb, Faculty of Agriculture; HAZU
- 2012-2013 - "Evolution of polyploid plant species on the Balkan peninsula"; University of Zagreb, Faculty of Science; Croatia - Austria bilateral project
- 2010-2012 - "Evolution, biodiversity and conservation of indigenous plant species of the Balkan Peninsula"; University of Zagreb, Faculty of Science; SEE-ERA.NET PLUS Action
- 2008-2009 - "Biogeography of some endemic plants of the Balkan Peninsula"; University of Zagreb, Faculty of Science; Croatia - Macedonia bilateral project
- 2008-2009 - "Biogeography of some Pannonian-Illyrian group of plants"; University of Zagreb, Faculty of Science; Croatia - Hungary bilateral project
- 2008-2009 - "Conservation and Sustainable Use of Biodiversity in the Dalmatian Coast through Greening Coastal Development (COAST)"; University of Zagreb, Faculty of Science; UNDP
- 2005-2008 - "Countdown towards 2010 in Zagreb: community involvement in biodiversity assessment"; University of Zagreb, Faculty of Science; ECNC
- 2005-2007 - "Invasive plants of Croatian flora"; University of Zagreb, Faculty of Science; DZZP
- 2004-2005 - "Biogeography of some Adriatic plant groups"; Faculty of Science; CRO-AT bilateral project
- 2003-2007 - "KEC - Karst Ecosystem Conservation - Flora Inventory"; University of Zagreb, Faculty of Science; World Bank Global Environment Facility (GEF)
- 2000-2001 - "Red Book of Vascular Flora of Croatia"; University of Zagreb, Faculty of Science; Ministry of Science, Education and Sports of the Republic of Croatia

### **SUPERVISION OF GRADUATE/ DOCTORAL STUDENTS AND POSTDOCTORAL RESEARCHERS**

- Co-supervision of three diploma students; University of Zagreb, Faculty of Science

### **TEACHING ACTIVITIES**

2002-today, University of Zagreb, Faculty of Science, Department of Biology: Teaching assistant on courses: Cormophyta (2002-2008), Field work in cormophyta (2002-2008), Botany (2005), Systematic botany (2008-today), Field work in systematic botany (2008-today), Phylogeny and molecular systematics (2010-2015), Flora of Croatia (2011-2014), Morphology and anatomy of plants (2016-today)

### **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2016 - „5. Croatian Botanical Symposium“, Primošten, Croatia; president of organisation committee, member of scientific committee; international symposium; 188 participants
- 2015 - „6th Balkan Botanical Congress“, Rijeka, Croatia; member of organisation committee; international congress; 191 participants
- 2012 - „Evolution on Balkan Peninsula“, Zagreb, Croatia; member of organisation and scientific committee; app. 60 participants
- 2005 - „30. Symposium of the Eastern Alpine and Dinaric Society for Vegetation Ecology“, Zagreb, Croatia, technical support

### **MEMBERSHIPS**

- 2015 – 2018: vice-president of Croatian Botanical Society

## CAREER BREAKS

- February 2004-January 2005; October 2007-June 2008 maternity leave

## Other significant academic achievements

- monotypic endemic genus named *Resetnikia* Španiel, Al-Shehbaz, D.A. German & Marhold based on nomenclatural revision of results of my PhD Thesis
- Reviewer of 27 peer review papers in 13 journals and reviewer for project applications 2015 SYNTHESYS CZ-TAF User Selection Panel

## Applicant's Publication Track-record (most important publications in last 5 years)

1. Bogdanović S.\*, **Rešetnik I.\***, Jeričević M., Jeričević N., Brullo S. (2019) Molecular and morphological survey on *Campanula cremnophila* (Campanulaceae), a new isophyllous species from Croatia. Plant systematics and evolution, 306 (2019), s00606-019-01599-x, 17 doi:10.1007/s00606-019-01599-x \* S. Bogdanović and I. Rešetnik have contributed equally to this work.
2. Bertel C., **Rešetnik I.**, Frajman B., Erschbamer B., Hülber K., Schönschwetter P. (2018) Natural selection drives parallel divergence in the mountain plant *Heliosperma pusillum* s.l.. Oikos. 127: 1355-1367
3. Španiel S., **Rešetnik I.**, Buzjak S. (2018) The lost and rediscovered holotype of *Alyssum austrodalmaticum* (Brassicaceae) is in line with the latest taxonomic treatment. Phytotaxa 379: 57-65
4. Frajman B.\*, **Rešetnik I.\***, Niketić, M., Ehrendorfer, F., Schönschwetter, P. (2016) Patterns of rapid diversification in heteroploid *Knautia* sect. Trichera (Caprifoliaceae, Dipsacoideae), one of the most intricate taxa of the European flora. BMC Evolutionary Biology 16: 204-204 \* B. Frajman and I. Rešetnik have contributed equally to this work.
5. **Rešetnik I.**, Frajman, B., Schönschwetter, P. (2016) Heteroploid *Knautia drymeia* includes *K. gussonei* and cannot be separated into diagnosable subspecies. American journal of botany 103: 1300-1313
6. **Rešetnik I.**, Baričević D., Batfir Rusu D., Carović-Stanko K., Chatzopoulou P., Dajić-Stevanović Z., Goncariuc M., Grdiša M., Greguraš D., Ibraliu A., Jug- Dujaković M., Krasniqi E., Liber Z., Murtić S., Pećanac D., Radosavljević I., Stefkov G., Stešević D., Šoštarić I., Šatović Z. (2016) Genetic Diversity and Demographic History of Wild and Cultivated/Naturalised Plant Populations: Evidence from Dalmatian Sage (*Salvia officinalis* L., Lamiaceae). PLoS One. 11 , 7: e0159545-e0159545
7. Frajman B.\*, **Rešetnik I.\***, Weiss-Schneeweiss H., Ehrendorfer F., Schönschwetter P. (2015) Cytotype diversity and genome size variation in *Knautia* (Caprifoliaceae, Dipsacoideae). BMC Evolutionary Biology 15: 140. \* B. Frajman and I. Rešetnik have contributed equally to this work.
8. Bogdanović S.\*, **Rešetnik I.\***, Brullo S., Shuka L. (2014) *Campanula aureliana* (Campanulaceae), a new species from Albania. Plant Systematics and Evolution 301: 1555-1567. \* S. Bogdanović and I. Rešetnik have contributed equally to this work.
9. **Rešetnik I.**, Frajman B., Bogdanović S., Ehrendorfer F., Schönschwetter P. (2014) Disentangling relationships among the diploid members of the intricate genus *Knautia* (Caprifoliaceae, Dipsacoideae). Molecular Phylogenetics and Evolution 74: 97-110.
10. Bogdanović S., Brullo S., **Rešetnik I.**, Lakušić D., Satovic Z., Liber Z. (2014) *Campanula skanderbegii*: Molecular and Morphological Evidence of a New *Campanula* Species (Campanulaceae) Endemic to Albania. Systematic Botany 39: 1250-1260.
11. Bogdanović S., Brullo S., **Rešetnik I.**, Satovic Z., Liber Z. (2014) *Campanula teutana*, a new isophyllous *Campanula* (Campanulaceae) from the Adriatic region. Phytotaxa 162: 1-17.
12. **Rešetnik I.**, Schneeweiss G.M., Liber Z. (2014): Two new combinations in the genus *Bornmuellera* (Brassicaceae). Phytotaxa 159: 298-300.