

CURRICULUM VITAE

Dr. Eszter Karolina Ruprecht

Personal details

Born: 28 July 1976, Satu-Mare, Romania

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Current status and workplace: associate professor, Babeş-Bolyai University, Hungarian Department of Biology and Ecology, Republicii street nr. 42., 400015 Cluj-Napoca, Romania

Education and training

Studies

1990-1994: „Kölcsey Ferenc” Secondary School, Satu-Mare, Romania.

1994-1998: B.Sc. in Biology (Ecology and environmental protection), Babeş-Bolyai University, Cluj-Napoca, Romania. The title of the diploma thesis: “Population studies of rare and relic plant species in the Morii-valley near Cluj-Napoca”, supervisor: Prof. Dr. Vasile Cristea;

1999: postgraduate studies at the Institute of Ecology and Botany of the Hungarian Academy of Sciences, Vácrátót, Hungary, supervisor: Habil. Dr. Sándor Bartha;

1999-2002: Ph.D. in Biology (Ecology), Department of Plant Taxonomy and Ecology, Eötvös University, Budapest, Hungary. The Ph.D. thesis was defended in January 2007 with Summa cum laude. The title of the Ph.D. thesis: “Spontaneous regeneration of semidry grasslands on old-fields in the Transylvanian Lowland”, supervisor: Habil. Dr. Sándor Bartha;

2010-2011 (12 month): post-doc position at the Research Group Plant and Vegetation Ecology, Department of Biology, University of Antwerp, Belgium; supervisor: Prof. Dr. Ivan Nijs.

Fellowships

2004, 2005, 2006: 1 months research fellowships at the Institute of Ecology and Botany of the Hungarian Academy of Sciences, Vácrátót, Hungary; awarded by the Domus Hungarica Fund, Hungary.

2007 (2 month), 2009 (1 month) research fellowships at the Department of Landscape Ecology and Landscape Planning, Institute of Landscape Ecology and Resources Management, Giessen, Germany; awarded by the German Academic Exchange Service (DAAD).

Awards

2006: “Zólyomi Bálint” award for prominent results in scientific research, awarded by the Scientific Committee of the Hungarian Academy of Sciences;

2008, 2011, 2012, 2014: PN-II-RU-PREC_{ISI} award of National University Research Council (CNCSIS) of Romania for 11 articles in international journals.

Teaching experience

2001-2007: *assistant lecturer*, 2007-2012: *senior lecturer*, 2012- present: *associate professor* at the Babeş-Bolyai University Cluj-Napoca (Romania), Faculty of Biology and Geology

Subjects taught in B.Sc. programs: Plant systematics (course and lab course), Phytosociology and vegetation types of Romania (course and lab course), Field practice in botany (lab course), Collection of plant material and preparation I (lab course);
Subjects taught in M.Sc. programs: Plant community ecology (course and lab course), Ecosystem rehabilitation and restoration (course and lab course);
Supervised students: 39 B.Sc. and 14 M.Sc. theses; member in 4 committees for supervision of Ph.D. students.
Member in committees for examination of diploma and master theses.

Research experience

Visibility of the scientific activity

412 citations of published papers (based on Google Scholar); Cumulative impact factor = 69.21; Hirsch-index = 11.

Research interest

Plant ecology, community ecology, invasion ecology, vegetation dynamics, succession, conservation biology, restoration ecology, dry grasslands.

Research experience

1. Scientific experience in vegetation studies: succession (the topic of the Ph.D. thesis was secondary succession on old-fields), dynamics, phytosociology, vegetation mapping;
2. Experience in grassland ecology studies;
3. Experience in studies about invasion ecology and invasive plant species;
4. Experience in experimental studies: field experiments, seed sowing and controlled pot experiments in greenhouse and in common garden;
5. Skills in scientific writing, in publishing in international journals, and in carrying out research projects;
6. Experience in international collaborations:
 - Division of Landscape Ecology and Landscape Planning, Institute of Landscape Ecology and Resources Management (IFZ), Giessen, Germany; scientists involved: Prof. Dr. Annette Otte, Dr. Tobias W. Donath, Dr. R. Lutz Eckstein, Ralf Schmiede;
 - Research Group Plant and Vegetation Ecology, Department of Biology, University of Antwerp, Belgium; scientists involved: Prof. Dr. Ivan Nijs;
 - Institute of Ecology and Botany of the Hungarian Academy of Sciences, Vácrátót, Hungary; scientists involved: Dr. Sándor Bartha, Dr. Zoltán Botta-Dukát, Dr. Klára Virágh, András Kun;
 - Department of Plant Systematics and Vegetation Ecology, Biocentre Klein Flottbek, University of Hamburg, Germany; scientists involved: Dr. Jürgen Dengler;
 - Department of Community Ecology, Helmholtz Centre for Environmental Research (UFZ), Halle, Germany; scientists involved: Dr. Walter Durka, Prof. Dr. Isabell Hensen, Dr. Viktoria Wagner;
 - Department of Ecology, University of Debrecen, Hungary, scientists involved: Dr. Péter Török, Dr. Orsolya Valkó, Dr. Béla Tóthmérész;
 - Department of Geobotany, Faculty of Geography and Geosciences, University of Trier, Germany, scientists involved: Dr. Thomas Becker;
 - Department of Biology and Geology, University of South Carolina Aiken, USA, scientists involved: Dr. Andrew R. Dyer;
 - Institute of Botany, Slovak Academy of Sciences, Banská Bystrica, Slovakia, scientists involved: Dr. Monika Janisová;
 - VINCA –Institut für Naturschutzforschung und Ökologie, Austria, scientists involved: Dr. Wolfgang Willner.
7. Beginning with 2010 I am coordinating the *Plant and Vegetation Ecology Research Group* at the Faculty of Biology and Geology, Babeş-Bolyai University (<http://plantecologyubb.wordpress.com/>).

Funded projects

- coordinator

- 2002-2005: Ruprecht, E., Szabó, A. “Studies on the flora and vegetation of the Transylvanian Lowland” research project financed by the Arany János Foundation, Hungary;
- 2006-2007: Ruprecht, E. “Vegetation dynamics in steppe-like grasslands of the Transylvanian Lowland induced by land-use changes” research project financed by the Hungarian Academy of Sciences, Program for Research Abroad;
- 2008-2010: Ruprecht, E., Szabó, A. “Effects of litter on the germination of dry grassland species” research project financed by the Hungarian Academy of Sciences, Program for Research Abroad;
- 2010-2011: Ruprecht, E. “Do sudden environmental changes in habitats induce biological invasions?”, University of Antwerp, Belgium.
- 2010-2013: Ruprecht, E., Fenesi, A., Öllerer, K., Józsa, J. “Consequences of land-use changes on the biodiversity of grasslands and possible management actions” research project financed by the National Council for Scientific Research in the Higher Education (CNCSIS-UEFISCSU), project PN II-RU TE 296, nr. 71/29.07.2010. Details about the project from the web page: <https://grasslandmanagement.wordpress.com/>.

- member in the research group

- 2004-2006: Momeu, L., Rákosi, L., Ruprecht, E., Markó, B. “Plant and animal species recently introduced in Romania”, financed by the National Council for Scientific Research in the Higher Education (CNCSIS). Coordinator: Momeu, L.
- 2004-2006: Ujvárosi, L., Sárkány-Kiss, A., Fodorpatiki, L., Papp, J., Ruprecht, E., Markó, B., Szabó, D.Z., Szállassy, N. “Qualitative modifications in the Arieş hidrological basin under the influence of antropogenic factors”, financed by the National Program for Research Development and Innovation (MENER). Coordinator: Ujvárosi, L.
- 2004-2006: Cristea, V., Gafta, D., Coroiu, I., Hentea, S., Goia, I., Crişan, F., Ruprecht, E., Roşca-Casian, O. “Studying the phytodiversity and population structure of some threatened plant species in the Valea Morii nature reserve (Feleacu, Cluj county), in order to compile a management plan”, financed by the National Council for Scientific Research in the Higher Education (CNCSIS). Coordinator: Cristea, V.
- 2005-2008: Sárkány-Kiss, A., Fodorpatiki, L., Ujvárosi, L., Papp, J., Ruprecht, E., Szabó, D.Z., Szállassy, N., Markó, B. “Complex ecological methodology for evaluating and monitoring the quality of Somes hidrological basin”, financed by the National Program for Research Development and Innovation (MENER). Coordinator: Sárkány-Kiss, A.
- 2014-2016: Rákósy, L., Brielmaier, M., Crişan, A., Ruprecht, E., Crişan, A., Sándor, A., Craioveanu, C., László, Z., Bădărău, A.S.: „Quantification of the effect of traditional and modern agricultural practices on the biodiversity of high nature value grasslands (HNV) targeting sustainable management”, financed by CNCS-UEFISCDI, program Partnerships in priority areas PN II-PT PCCA 2013-4-1229 No. 79/01.07.2014. Coordinator: Rákósy, L.

Refereeing manuscripts for national and international journals

- membership in the editorial board of an international journal: Tuexenia (2012);*
- refereeing manuscripts for national journals: Acta Scientiarum Transylvanica;*
- refereeing manuscripts for international journals: Acta Agrobotanica; Agriculture, Ecosystems and Environment; American Journal of Botany; Annals of Botany; Biological Invasions; Community Ecology; Environmental Management; Flora; Folia Geobotanica; Journal of Vegetation Science; Plant Ecology; PlosOne; Preslia; Restoration Ecology; Seed Science Research; Tuexenia.*

Participating at conferences (selected list)

5th and 6th Congress of Ecology in Hungary, 2000, 2002.

2nd, 4th, 5th and 7th conference “Studies on flora and vegetation in the Carpathian Basin”, 2000, 2003, 2006, 2008.
3rd European Conference on Restoration Ecology, Budapest, 2002.
Biology Days at Cluj-Napoca, 2003, 2004, 2007, 2009, 2011
46th Symposium of the International Association for Vegetation Science, Napoly, Italy, 2003.
5th and 8th conference “European Dry Grassland Meeting”, 2008, 2011.
Congress on Nature Conservation in Hungary, 2011.
European Vegetation Survey Meeting, Pécs, 2010.
„Eurasian Steppes: Status, Threats and Adaptation to Climate Change”, Hustai National Park, Mongolia, 2010.
12th EEF Congress: „Responding to Rapid Environmental Change”, Ávila, Spain, 2011.

Conference and workshop organizer

2007: “Third Meeting of Czech, Hungarian and Romanian Ph.D. students in Vegetation Science, Botany and Plant Ecology”, workshop held at the research centre from Senetea (Voşlobeni), Romania;
2008: “9th Biology Days”, conference held at the Babeş-Bolyai University, Cluj Napoca, Romania;
2008, 2009: “Current research in Plant Biology”, 16th and 17th conference, held at the “Alexandru Borza” Botanical Garden, Babeş-Bolyai University, Cluj Napoca, Romania.

Cluj-Napoca, 05.10.2015.

Conf. Dr. Eszter Karolina Ruprecht