

CURRICULUM VITAE

1. NAME: BĂNCILĂ RALUCA IOANA

2. DATE OF BIRTH: 1982 November 28

3. PERSONAL DATA:

Nationality: Romanian

Address: 13 Septembrie Road, No 13, 050711, Bucharest, Romania.

Tel: 318 81 32

Fax: 318 81 32

Email: bancila_ralucaioana@yahoo.com

Website: www.iser.ro

3. EDUCATION:

✓ 2001-2005 – Faculty of Biology, Bucharest University, Ecology Specialisation
University degree attained: 2005 – Bachelor of Science in Ecology and Environment Protection

✓ 2005-2007 - Faculty of Biology, Bucharest University
University degree attained: 2007 – Master of Science in Taxonomy Biodiversity Conservation

✓ 2007- up to present PhD student at Department of Ecology of Faculty of Natural Sciences, University Ovidius, Constanța, Romania.

4. SCIENTIFIC CAREER:

2005- up to present – Research Assistant at Institute of Speleology “Emile Racovitza”, Biospeleology and Soil Biology Department, Bucharest, Romania.

5. FOREIGN LANGUAGES:

- Romanian – native speaker
- English – advanced
- French – beginner

6. RESEARCH INTERESTS:

- Primary research interest: Systematic and Biodiversity
- Secondary research interest: Life Sciences & Biotech
- Tertiary research interest: Conservation and Legislation

7. KEY QUALIFICATIONS:

- ✓ Systematic, taxonomy, ecology and biogeography of herpetofauna
- ✓ Statistical analysis of data:
 - descriptive statistics;
 - multivariate statistical analysis: correspondence analysis, principal component analysis, cluster analysis, discriminate analysis;
 - graphs;
 - ANOVA/MANOVA;
 - linear regression,
 - tests of significance: single- sample t- test, independent samples t-test, paired t-test
 - tests of normality

8. COURSES, CERTIFICATES & AWARDS:

- 2005 - National Stage of Biospeology (Cărbunari-Caras-Severin)
- 2005 - National Stage of Karstology (Cărbunari-Caras-Severin)
- 2007- National Stage of Topography (Cloșani-Gorj)
- 2007 - National Stage of Alpine Caving Techniques (Căput - Cluj)

9. INTERNATIONAL EXCHANGE AND SCHOLARSHIPS:

- 2008 - National Museum of Natural History "Naturalis", Leiden, the Netherlands, European Union-funded Integrated Infrastructure Initiative (Synthesis Program) - Fluctuating asymmetry in island lizards as a function of spatial and temporal isolation: a geometric morphometrics approach.

10. RESEARCH PROJECTS/GRANTS:

- ✓ **2005 - 2009:** Grant CNCSIS 88 GR / 2006:” Romanian karst and impervious terrains vulnerability. Criteria establishment and terrains assessment” - participant;
- ✓ **2006 - 2007:** UNDP/GEF nr 41462: “Strengthening Romania's Protected Area System by Demonstrating Public-Private Partnership in Romania's Maramureș Nature Park” - volunteer;
- ✓ **2006-2008 :** CEEEX – NATFORMAN No. 3878/2006: „Structure and dynamic of natural forestry ecosystems, support for the substantiation of forestry measurements appropriate to nature and toward a lasting administration of forests”- participant;
- ✓ **2006-2007 -** UNDP/GEF no. 47111: Flora and fauna inventory, characterization and mapping of habitats and assessment of interest species populations for conservation - volunteer;
- ✓ **2005 -** Rufford Small Grant: Amphibian and butterfly species inventory in the future Hațeg Geopark, Romania - volunteer;

- ✓ **2004 - 2006:** CNCSIS/1114: Evaluation of the impact of global changes along an altitudinal gradient on *Rana temporaria* from Retezat National Park - volunteer

11. CONFERENCES:

- *Balkan Environmental Association (B.EN.A) International Conference Management and Sustainable Marine Development (Mamaia)* - Plăiașu, R., Samoilă, C., Băncilă, R., Cogălniceanu, D. (2008) Amphibian distribution in Retezat National Park and Hateg Geopark (Romania) - poster
- *Balkan Environmental Association (B.EN.A) International Conference, Management and Sustainable Marine Development (Mamaia)* - Băncilă, R., Cogălniceanu, D., Plăiașu, R., Tudor, M. (2008) The use of species accumulation curves in establish sample size: a case study using herpetofauna - poster
- *Cea de-a VIII -a sesiune științifică de comunicări „Ecologia și protecția Ecosistemelor (Bacău)* - Plăiașu, R., Băncilă, R., Samoilă, C. (2008) - Opilioniide din Parcul Național Munții Măcin - poster
- *The XXXV IAH Congress (Lisbon)* -Vlaicu, M., Munteanu, C.M., Goran, C., Marin, C., Giurgincă, A., Plăiașu, R., Băncilă, R.I., Tudorache, A. (2007) – Multiproxy approach to vulnerability assessment of karst ecosystems from the Ponoarele test area (Mehedinti Plateau, Romania) - poster
- *The 1st International Conference Environment - Natural Sciences - Food Industry in European Context, (Baia Mare)* - Cogălniceanu, D., Băncilă Raluca, Samoilă C., Hartel T., Tudor M., (2007) The herpetofauna of the Maramureș Mountains Natural Park - oral presentation
- *Sesiunea omagială 85 de ani de la înființarea Institutului de Speologie Emil Racoviță (București)* - Băncilă, R., Plăiașu, R., (2006) - Statutul de conservare al speciei *Niphargus valachicus* (Bobreanu & Manolache 1933) - oral presentation
- *Cea de-a VI-a sesiune științifică de comunicări „Ecologia și protecția Ecosistemelor (Bacău)*- Plăiașu, R., Băncilă, R., Hartel, T., Cogălniceanu, D. (2005) - The use of digital images for the individual identification of amphibians - poster

12. PUBLICATIONS:

- Băncilă, R.I., Plăiașu, R., (2008) - Sampling efficiency of pitfall traps and Winkler extractor for inventory of Harvestmen (Arachnida: Opilionidae), *Travaux de l'Institut de Speologie "Emile Racovitza"*, 2008-2009 edition, Editura Academiei Române, București, Romania - in press.
- Plăiașu, R., Băncilă, R., Samoilă, C. (2008) - Opilioniide din Parcul Național Munții Măcin. *Studii și Cercetări, Biologie, Bacău*, inpress.
- Băncilă, R., Cogălniceanu, D., Plăiașu, R., Tudor, M. (2008) The use of species accumulation curves in establish sample size: a case study using herpetofauna, *Balkan Environmental Association (B.EN.A) International Conference, Management and Sustainable Marine Development (Mamaia), Abstract volume*.
- Plăiașu, R., Samoilă, C., Băncilă, R., Cogălniceanu, D. (2008) Amphibian distribution in Retezat National Park and Hateg Geopark (Romania), *Balkan Environmental Association (B.EN.A) International Conference, Management and Sustainable Marine Development (Mamaia), Abstract volume*.
- Vlaicu, M., Munteanu, C.M., Goran, C., Marin, C., Giurgincă, A., Plăiașu, R., Băncilă, R.I., Tudorache, A. (2007) – Multiproxy approach to vulnerability assessment of karst ecosystems from the Ponoarele test area (Mehedinti Plateau, Romania). *Proceedings of the XXXV IAH Congress (Lisbon)*
- Cogălniceanu, D., Băncilă Raluca, Samoilă C., Hartel T., Tudor M., (2007) The herpetofauna of the Maramureș Mountains Natural Park. The 1st International Conference Environment - Natural Sciences - Food Industry in European Context, Baia Mare, România.
- Bancilă, R., Plăiașu, R., (2006) - Statutul de conservare al speciei *Niphargus valachicus* (Bobreanu & Manolache 1933). *Sesiunea omagială 85 de ani de la înființarea Institutului de Speologie Emil Racoviță*. Volumul de rezumate: 7
- Plăiașu, R., Băncilă, R., Hartel, T., Cogălniceanu, D. (2005) - The use of digital images for the individual identification of amphibians. *Studii și Cercetări, Biologie, Bacău* **10**: 137-140.

13. PC Skills:

Advanced PC knowledge of:

- Microsoft Office: Word, Excel, PowerPoint,
- Internet Explorer,
- Statistical programs: SPSS, Statistica, MVSP, R, Mark, Presence,
- Biodiversity programs: Biodiv, Ecosim, EstimateS.

14. OTHERS SKILLS:

- Drive license (2005)