

## CURRICULUM VITAE



**Nume:** Bălc

**Prenume:** Ramona

**Data și locul nașterii:** 20.07.1975, com. Poiana Blenchii, jud. Sălaj

**Departament:** Departamentul de Știința Mediului

**Funcția didactică:** Lector univ. dr.

**Titlul științific, anul obținerii, universitatea:**

Doctor în Geologie, 2007, Universitatea Babeș-Bolyai

### **Cursuri predate:**

*A. Nivel Licență: Știința solului*

*B. Nivel Masterat: Protecția solului*

*C. Nivel Doctorat:*

### **I. ARTICOLE / STUDII ȘTIINȚIFICE PUBLICATE ÎN REVISTE ȘI VOLUME (SELECȚIE):**

#### **A. Articole publicate în străinătate:**

1. Bindiu, R., **Bălc, R.**, Filipescu, S., 2013. *Biostratigraphy and paleoenvironment of the Late Cretaceous deposits of the Tarcau Nappe (Eastern Carpathians) based on foraminifera and calcareous nannoplankton*. *Geologica Carpathica*, **64/2**: 117-32 (**IF = 0,909**)
2. Kaminski, M.A., Kender, S., Ciurej, A., **Bălc, R.**, Setoyama, E., 2013. *Pliocene Agglutinated Benthic Foraminifera from Site U1341 in the Bering Sea (IODP Expedition 323)*. *Geological Quarterly*, **57/2**: 335-342 (**IF = 0,844**)
3. Kaminski, M.A., Cetean, C.G., **Bălc, R.**, Coccioni, R., 2011. *Upper Cretaceous deep-water agglutinated foraminifera from the Contessa Highway Section, Umbria-Marche Basin, Italy: taxonomy and biostratigraphy*. In: Filipescu, S & Kaminski, M.A. (eds), *Proceedings of the 8th International Workshop on Agglutinated Foraminifera*. Grzybowski Foundation Special Publication, **16**: 71-106. (**ISI**)
4. Cetean, C.G., **Bălc, R.**, Kaminski, M.A., Filipescu, S., 2011. *Integrated biostratigraphy and paleoenvironments of an upper Santonian-upper Campanian succession from the southern part of the Eastern Carpathians, Romania*. *Cretaceous Research*, **32/5**: 575-590. (**IF = 1,537**)
5. Beldean, C., Filipescu, S., **Bălc, R.**, 2010. *An Early Miocene biserial foraminiferal event in the Transylvanian Basin (Romania)*. *Geologica Carpathica*, **61/3**: 227-234 (**IF = 0,909**)

6. Daoud, H., **Bălc, R.**, Hama Sur, G., 2010. *Microfossil, diagenesis and biostratigraphy of Balambo Formation from Azmer Mountains in North-Eastern Sulaimaniya (Kurdistan - Iraq)*. Iraqi Bulletin of Geology and Mining, **60/2**: 1-16.
7. **Bălc, R.**, Suciuc-Krausz E., Săsăran E., 2006: *Contributions to the knowledge of the Western Transylvanides along the Ampoi Valley (South Apuseni Mountains)*. Proceedings XVIII<sup>th</sup> Congress of the Carpathian-Balkan Geological Association: 21-23, Belgrad.

## **B. Articole publicate în țară (selecție):**

1. Măcicășan, V., Roșian G., **Bălc, R.**, Muntean, L., 2013. *The process of pedogenesis on mine dumps (a case study: Aghireș mining area, Romania)*. Geographia Napocensis, VII/1: 49-54 **(BDI)**
2. Beldean, C., Filipescu, S., **Bălc, R.**, 2012. *Paleoenvironmental and biostratigraphic data for the Early Miocene of the North-Western Transylvanian Basin based on planktonic foraminifera*. Carpathian Journal of Earth and Environmental Sciences, **7/1**: 171-184 **(IF = 1,450)**
3. **Bălc, R.**, Zaharia, L., Suciuc-Krausz, E., Kristaly, F., 2012. *New upper Cretaceous deposits in the south-eastern Trascau Mountains (Apuseni Mts., Romania)*. Carpathian Journal of Earth and Environmental Sciences, **7/1**: 17-26 **(IF = 1,450)**
4. **Bălc, R.**, Sylie, L., Zaharia, L., 2012. *Calcareous nannofossils and sedimentary facies in the Upper Cretaceous Bozeș Formation (Southern Apuseni Mountains, Romania)*, Studia UBB Geologia **57 (1)**: 23-32 **(BDI)**
5. Varga, M. I., **Bălc, R.**, Maloș, C. V., Șamșudean, C., Borbei, F., 2011. *Waste dumps rehabilitation measures based on physico-chemical analyses in Zăghid mining area (Sălaj County, Romania)*. AES Bioflux, **3/2**: 156-166. **(BDI)**
6. **Bălc, R.**, Suciuc-Krausz, E., Șamșudean, C., Borbei, F., Tanțău, I., 2009. *Landslides: study cases*. Studii si cercetari (Bistrita Nasaud), Seria Geologie-Geografie, **14**: 27-34
7. Pop, D., **Bălc, R.**, Iancu, I., Forray, F., 2009. *The „Night of Museums” at the Museum of Mineralogy, Babes-Bolyai University Cluj-Napoca*. Studia UBB Geologia, 2009, Special Issue, MAEGS – 16: 43-45 **(BDI)**
8. Cetean, C.G., **Bălc, R.**, Kaminski, M.A., & Filipescu, S., 2008. *Biostratigraphy of the Cenomanian-Turonian boundary in the Eastern Carpathians (Dambovita Valley): Preliminary observations*. Studia UBB Geologia, **53/1**: 11-23. **(BDI)**
9. Tanțău, I., Pendea, I. F., Gray, J., Ghale B., Beldean, C., Bădărău, A.S., Miclea, A., **Bălc, R.**, Toth, A., 2008. *Middle Weichselian paleoenvironments in north-western Transylvania: sedimentology, palinology and malacofauna analysis*. Acta Paleontologica Romaniae, **VI**: 349-363 **(BDI)**
10. Ștefanovici M., Baciuc D., **Bălc, R.**, 2007. *Environmental impact of drilling activities. Technology and equipments for environmental evaluation and protect*. Environment & Progress, **11**: 415 – 419.
12. Zaharia L., **Bălc, R.**, 2007. *Analytical methods used for identification of asbestos minerals: a short overview*. Environment & Progress, **11**: 516-521.
13. **Bălc, R.** Suciuc-Krausz E., Borbei F., 2007: *Biostratigraphy of the Cretaceous deposits in the Western Transylvanides from Ampoi Valley (Southern Apuseni Mountains, Romania)*. Studia UBB Geologia, **52 (2)**: 37- 43. **(BDI)**
14. Suciuc-Krausz E., **Bălc, R.**, Borbei F., 2006: *New data on the Western Transylvanides along Ampoi Valley (Southern Apuseni Mountains, Romania)*. Studia UBB Geologia, **51/1-2**: 55-65 **(BDI)**

15. Săsăran L., **Bălc, R.**, Săsăran E., 2005: *Sedimentologic and micropaleontological study of an Upper Cretaceous (Santonian - Campanian) regressive facies development from basin to upper slope sediments (Gilau Mountains, Plescuta Valley, NW - Romania)*. Acta Paleontologica Romaniaae, **V**: 441-450 (**BDI**)
16. Chira C., **Bălc, R.**, Vulc A-M., 2004: *Cretaceous nannofossils from Ceru Băcăiști area, Apuseni Mountains, Romania*. Acta Paleontologica Romaniaae, **IV**: 89-96 (**BDI**)
17. **Bălc, R.**, Chira C., 2002: *The preliminary study of the Upper Cretaceous calcareous nannofossils from Alba Iulia area, Transylvania*. Studia UBB Geologia, Special Issue 1: 37-50 (**BDI**)
18. Chira C., **Bălc, R.**, 2002: *Miocene calcareous nannofossils from Dej-Reteag-Ciceu area (Transylvanian Basin, Romania)*. Biostratigraphical importance and paleogeographical data. Acta Paleontologica Romaniaae, **III**: 53-65 (**BDI**)

### C. Lucrări susținute la conferințe și simpozioane (selecție)

1. Bindiu, R., **Bălc, R.**, Filipescu, S., 2012. *Biostratigraphy and paleoenvironments of the Eocene deep water deposits from the northern part of the Eastern Carpathians, Romania*. Ninth International Workshop on Agglutinated Foraminifera. Alegret, L., Ortiz, S., Kaminski, M.A. (Eds.), Zaragoza, Spania, p. 16-17
2. Csiki-Sava, Z., **Bălc, R.**, Brusatte, S.L., Dyke, G., Naish, D., Norell, M.A., Vremir, M.M., 2012. *Petresti-Arini (Transylvanian Basin, Romania)- a very important but ephemeral Late Cretaceous (Early Maastrichtian) vertebrate site*. 10<sup>th</sup> Annual Meeting of the European Association of Vertebrate Paleontologists, Teruel, Spania, p. 53-55
3. Zaharia, L., Socaciu, A., **Bălc, R.**, 2012. *Bozes sedimentary unit (Apuseni Mts., Romania) – geochemical constraints on provenance and tectonic setting*. Acta Mineralogica-Petrographica, Abstract Series, Miskolc, vol. 7, p. 156
4. Silye, L., **Bălc, R.**, Zaharia, L., 2012. *Sedimentary facies of a deep-marine siliciclastic system: The Upper Cretaceous Bozes Formation (SE Apuseni Mountains, Romania)*. 29<sup>th</sup> IAS Meeting of Sedimentology ‘Sedimentology in the Heart of the Alps’, Schladming, Austria, p. 554
5. Kaminski, M.A., Kender, S., Ciurej, A., **Bălc, R.**, 2012. *Pliocene-Pleistocene Benthic Foraminiferal assemblages in the Southern Bering Sea, (IODP Expedition 323)*. European Geoscience Union General Assembly, Wien, Austria.
6. Kaminski, M.A., Cetean, C.G., **Bălc, R.**, Coccioni, R., 2012. *Upper Cretaceous to Paleocene Deep-Water Agglutinated Foraminifera from the Contessa Highway Section, Umbria-Marche Basin, Italy*. In: Coccioni, R. (ed.), Geohistories from the Umbrian Apennines, Conference Abstract volume.
7. Cetean, C. G., **Bălc, R.**, Kaminski, M., Filipescu, S., 2011. *The OAE 2 in the southern Eastern Carpathians, integrated biostratigraphy and paleoenvironmental changes reflected by the agglutinated foraminifera assemblages*. Eighth Romanian Symposium on Paleontology, Bucharest, p. 16-17
8. Silye, L., **Bălc, R.**, 2011. *Sedimentary facies and depositional environment of the Bozeș Formation (Southeastern Apuseni Mts.)*. Eighth Romanian Symposium on Paleontology, Bucharest, p. 110
9. Cetean, C. G., Setoyama, E., **Bălc, R.**, Tyszka, J., Kaminski, M. A., 2011. *Foraminifera and calcareous nannofossils from the lower Jurassic Rosso Ammonitico Umbro-Marchigiano unit*,

*Marche Italy*. Eighth Micropalaeontological Workshop “MIKRO-2011” and Annual TMS Foraminifera Group Meeting, Polonia, p. 82-83

10. Teleşpan, A., Kaminski, M. A., **Bălc, R.**, Filipescu, S., Varga, I., 2011. *The life cycle of Entzia (Foraminifera) in the Turda salt marsh (Romania)*. Eighth Micropalaeontological Workshop “MIKRO-2011” and Annual TMS Foraminifera Group Meeting, Polonia, p. 133-134

11. Chelaru, P.R., Săsăran, E., Bucur, I.I., **Bălc, R.**, Tămaş, T., Beldean, C., 2011- *Carbonate facies with rhodoliths from Vălenii Şomcutei (NW Transylvanian basin)*. 10<sup>th</sup> International Symposium on Fossil Algae Cluj-Napoca, Romania

12. **Bălc, R.**, Silye, L., Zaharia, L., 2011. *Calcareous nannofossils from the Upper Cretaceous deposits of the Bacainti Valley (Southern Apuseni, Romania)*. In: Filipescu, S. & Bucur, I.I. (eds.), Annual Scientific Session “Ion Popescu Voitești”, Cluj-Napoca, p. 3

13. Bercea, R.-I., Silye, L., Miclea, A., **Bălc, R.**, Samsudean, C., Borbei F., 2010. *Micropaleontological assemblages (calcareous nannoplankton and foraminifera) from the Miocene deposits unrevealed by drillings in the area of Cluj-Napoca*. In: Filipescu, S. & Bucur, I.I. (eds). Annual Scientific Session “Ion Popescu Voitești”, Cluj-Napoca, p. 15-16

14. Cherata, I., **Bălc, R.**, Silye, L., 2010. *Micropaleontology of the Upper Miocene deposits from Chiuza area, Northern Transylvanian Basin, Romania*. In: Haczewski, G. (ed.), 1st Students International Geological Conference, Krakow, p. 11

15. Ramona Bălc, I. Iancu, H. Popa. *Implementation of environmental management for protected areas: case study Râpa Roşie Nature Reserve, Romania*. Conferința anuală a SGR dedicată aniversării Prof. Nicolae Anastasiu București, 5-6 noiembrie 2010

16. Ramona Bălc, Luminița Zaharia, E. Suciuc-Krausz. *New sedimentary deposits of Upper Cretaceous age from the south-eastern part of Trascău Mts. (Romania)*. Conferința anuală a SGR dedicată aniversării Prof. Nicolae Anastasiu București, 5-6 noiembrie 2010

17. Cetean, C., **Bălc, R.**, 2009. *The Lower Campanian event reflected by benthic foraminifera assemblages in the Dambovită Valley (Eastern Carpathians, Romania)*. 7<sup>th</sup> Micropaleontological Workshop, MIKRO-2009, Polonia, p. 19

18. Cetean, C.G., Kaminski, M.A., **Bălc, R.**, Filipescu, S., 2009. *Agglutinated foraminifera morphogroups – insights to the Late Cretaceous paleoenvironments from two tethyan sections: Contessa Highway, Italy and Dambovită Valley, Eastern Carpathians, Romania*. American Association of Petroleum Geologists Annual Convention & Exhibition – Abstracts volume, p.38.

19. Cetean, C., Kaminski, M., **Bălc, R.**, Coccioni, R., 2009. *Deep water agglutinated foraminifera from Contessa Highway section: a new proxy for the Late Cretaceous organic carbon flux and sea-level change*, pag. 18 In: 8th International Symposium on the Cretaceous System, (Ed. M. Hart), Abstract volume, p. 17. ISBN 978-1-84102-233-8, School of Geography, Earth & Environmental Sciences, University of Plymouth

20. Cetean, C., **Bălc, R.**, Kaminski, M., Filipescu, S., 2009. *Upper Cretaceous integrated biostratigraphy and paleoenvironments of the southern part of the Eastern Carpathian, Romania*. In: 8th International Symposium on the Cretaceous System, (Ed. M. Hart), Abstract volume, p. 17. ISBN 978-1-84102-233-8, School of Geography, Earth & Environmental Sciences, University of Plymouth

21. Beldean, C., Filipescu, S., **Bălc, R.**, 2009. *“Boloviniid event” in the Miocene of the Transylvanian Basin*. 3<sup>rd</sup> International Workshop “Neogene of Central and South-Eastern Europe”, p. 5, Cluj-Napoca.

22. Chira, C.M., **Bălc, R.**, Cetean, C., Juravle, D.T., Filipescu, S., Igritan, A., Florea, F., Popa, M.V., 2009: *Cretaceous/Paleogene boundary in north-eastern Romania*. *Berichte der*

Geologischen Bundesanstalt, 78, p. 8. RECCCE Workshop, Gams. Abstracts and Excursion Guide. ISSN 1017-8880.

**23.** Cetean, C.G., **Bălc, R.**, Kaminski, M.A., Filipescu, S., 2008. *Integrated foraminiferal and nannofossil biostratigraphy and paleoecology of the Campanian of the Eastern Carpathians, Romania (Dambovita Valley)*. The Micropalaeontological Society's Foraminifera and Nannofossils Group, Joint Spring Meeting, 2008 (Bioindicators of Past and Present Environments) - Abstracts volume, p. 16.

**24.** Chira, C., Juravle, D., **Bălc, R.**, Igritan, A., Popa, M.V., 2008. *Paleogene/Neogene Boundary in northern Moldavia (Moldovita Basin, Romania)*. 12th International Nannoplankton Association Meeting, 2008, Universite de Lyon, p. 10-12.

**25.** Chira, C., **Bălc, R.**, Igritan, A., Florea, F., Juravle, D., 2008. *Cretaceous and Paleogene calcareous nannofossils from northern Moldavia (Sucevita – Putna area, Romania) and the Cretaceous/Paleogene Boundary*. 12th International Nannoplankton Association Meeting, 2008, Universite de Lyon, p. 5-7.

**26.** Chira, C., **Bălc, R.**, Vulc, A-M., Igritan, A., 2007. *Biodiversity of Cretaceous calcareous nannofossils from Apuseni Mountains (Romania): implications for paleobiogeography and paleoclimate*. 1<sup>st</sup> International Paleobiogeography Symposium, Paris, 2007 - Volume Abstracts, p.26

**27.** Cetean, C.G., **Bălc, R.**, Kaminski, M.A., Filipescu S., 2007. *Campanian-Lower Maastrichtian microfauna from the south part of the Eastern Carpathians, Romania*. Romanian Symposium on Paleontology, 6th Edition, Iasi - Abstracts volume, p. 5.

**28.** Ball, J., **Bălc, R.**, Cetean C.G., Kaminski M.A., Filipescu, S., 2007. *The K/T boundary in the Mitoi Valley, Laicai, Eastern Carpathians, Romania: preliminary micropaleontological results*. 10th Joint Meeting of RCNNS/RCNPS – Abstracts volume, p. 7.

**29.** Cetean, C.G., **Bălc, R.**, Kaminski, M.A., Filipescu S., 2007. *Cenomanian/Turonian foraminiferal and calcareous nannofossils assemblages from the southern Eastern Carpathians, Romania*. 6th Polish Micropaleontological Workshop – Abstracts volume, p. 31.

**30.** Chira, C., **Bălc, R.**, Igritan, A., 2006. *Upper Cretaceous calcareous nannofossils from the Northeastern Trascau Massif – Southern Apuseni Mountains, Romania*. 11<sup>th</sup> International Nannoplankton Association Conference, 2006, Univeristy of Nebraska, Lincoln, p. 29-30

## II. PROIECTE DE CERCETARE:

<b>Programul/Proiectul</b>	<b>Funcția</b>	<b>Perioada:</b>
Grant CNCSIS PN-II-RU-TE 313: Integrated study of the Upper Cretaceous sedimentary basins from the Southern Apuseni Mountains: evolutionally history and geodynamic implications	director	2010-2013
Grant FP 7 Cooperation – European Committee II: Impact Monitoring of Mineral Resources Exploitation	membru	2010-2012
Proiect international – Furnizare de sectiuni subtiri (thin sections)	membru	2012
Grant IDEI 561: Jurassic depositional paleoenvironmentals from Bihor-Padurea Craiului Unit: cyclic and	membru	2007-2010

depositional sequences and depositional sequences		
Grant IDEI 382: Cretaceous/Tertiary and Paleogen/Neogen boundaries in Transylvania and Northern Moldavia	membru	2007-2010
Proiect national (consultanta) – Actualizare plan urbanistic general al municipiului Cluj-Napoca	membru	2009-2010
Proiect national (consultanta) – Complex stratigraphic and geochemic study of the Oligocene – Miocene transition in the Bizdidel Valley, Carpathian Bend Zone	membru	2009
Proiect national (consultanta) – Analiza complexa a probelor de teren extrase din sondele de cercetare geologica	membru	2008
Grant CNCSIS 1438: Cretaceous – Neogen microfossils biodiversity and paleoecology from Transylvania.	membru	2007-2008
Grant CEEX 13: High resolution sequence stratigraphy in Lower Cretaceous carbonates deposits from Apuseni Mountains: cyclic sequences and chronostratigraphic correlation.	membru	2006-2007
Grant CNCSIS 1744 - Cretaceous-Neogene microfossil assemblages from Transylvania: paleoecological and biostratigraphical significance.	membru	2003-2005
Grant ANSTI 6203 – High resolution stratigraphy of miocene deposits from west and north-west part of Transylvanian Basin: calcareous nannoplankton, foraminifera, moluscs, vertebrates, palinology and sequence stratigraphy.	membru	2000-2002

### III. Competențe lingvistice:

Engleză, Italiană

### IV. Alte informații:

Domenii de interes:

- Biostratigrafia nanofosilelor calcaroase mezozoice și cenozoice
- Reconstituiri paleoecologice și paleobiogeografice pe baza nanofosilelor calcaroase
- Determinarea parametrilor fizici ai solului și aplicabilitatea lor în diverse domenii

**A. Specializări și calificări:**

Burse de studiu:

- 2007 – Bursă CEEPUS, Universitatea Jagellonia, Cracovia, Polonia
- 2005 - Bursă CEEPUS, Universitatea Jagellonia, Cracovia, Polonia
- 2004 – Bursă SOCRATES-ERASMUS, Universitatea Politehnica delle Marche, Ancona, Italia

**B. Membru al asociațiilor profesionale:**

- Societatea Geologică a României
- Societatea Paleontologilor din România
- ONG – Asociația Ecouri Verzi

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