



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **Mariana Popovici**
Address(es) Ale. Rozelor, no. 3, Building U4/A, Iasi, Romania
Telephone(s) Mobile: +40 740 25 77 22
E-mail sorexmin@yahoo.com
Nationality Romanian
Date of birth 20 / 08 / 1978
Gender female

Work experience

Dates October 2011 – September 2014
Occupation or position held Research assistant
Main activities and responsibilities Morphometric analysis of osteological material from archaeological sites
Name and address of employer "Alexandru Ioan Cuza" University, Iasi, Romania
Dates October 2010 – March 2013
Occupation or position held Postdoctoral Researcher
Main activities and responsibilities Morphometric analysis of osteological material from archaeological sites
Name and address of employer "Alexandru Ioan Cuza" University, Iasi, Romania
Dates May 2010 – October 2010
Occupation or position held Researcher
Main activities and responsibilities Biodiversity and ecology of vertebrates
Name and address of employer Institute of Biological Research Iasi, Romania
Dates May 2007 - May 2009
Occupation or position held Researcher
Main activities and responsibilities Biological Control; Morphometric variation studies of insects
Name and address of employer Institute of Biological Research Iasi, Romania
Dates November 2002 – October 2006
Occupation or position held PhD student
Main activities and responsibilities BIODIVERSITY OF SMALL MAMMALS (RODENTIA, INSECTIVORA)
CRANIAL MORPHOMETRIC VARIATION OF RODENTS
Name and address of employer "Alexandru Ioan Cuza" University, Iasi, Romania
Dates September 2001 – August 2002
Occupation or position held Biology Teacher
Main activities and responsibilities Teaching and didactic activity
Name and address of employer School no 10, Botosani, Romania

Education and training

Dates September 2012
Title of qualification awarded GEOMETRIC MORPHOMETRICS AND PHYLOGENY

Principal subjects/occupational skills covered	1) Phylogeny, trees and phylogenetic reasoning 2) Geometric morphometrics (Procrustes fit, PCA, etc.) 3) Mapping traits onto phylogenies: squared-change parsimony 4) Phylogenetic signal, morphometric traits and estimating phylogeny 5) Comparative methods: independent contrasts 6) Application in morphometrics: evolutionary allometry and size correction 7) Application of comparative methods: morphological integration 8) Multi-level analyses of integration: inferring evolutionary mechanisms 9) Application of comparative methods: partial least squares (ecomorphology, etc.) 10) Morphometrics, phylogenies and qualitative characters 11) Disparity and diversification				
Name and type of organisation providing education and training	Institut Català de Paleontologia Miquel Crusafont, Barcelona, Spain				
Dates	April 2012				
Title of qualification awarded	GEOMETRIC MORPHOMETRICS: INTEGRATION AND MODULARITY WITH GEOMETRIC MORPHOMETRICS				
Principal subjects/occupational skills covered	1) Geometric morphometrics: Procrustes fit, shape space, covariance matrices, etc. 2) PCA for characterizing patterns of integration 3) Partial least squares and integration 4) Indices of integration 5) Modularity: concepts and analysis 6) Modularity hypotheses: where do they come from? 7) Comparing patterns of integration 8) Developmental integration and modularity 9) Evolutionary integration and modularity 10) Allometry as a factor of integration 11) Multilevel analyses of integration and modularity				
Name and type of organisation providing education and training	Institut Català de Paleontologia Miquel Crusafont, Barcelona, Spain				
Dates	June 2011 – August 2011				
Title of qualification awarded	GEOMETRIC MORPHOMETRICS				
Principal subjects/occupational skills covered	1) Data acquisition 2) 2D Cartesian coordinates from archaeological teeth 3) Uni and Multivariate statistics of size and shape variables				
Name and type of organisation providing education and training	CNRS lab "UMR 7209, Archaeozoology and Archaeobotany" of the Natural History Museum of Paris, France				
Dates	January – February 2011				
Title of qualification awarded	Archaeozoology				
Principal subjects/occupational skills covered	1) Anatomical and taxonomic identification of faunal remains 2) Measurements for comparative studies				
Name and type of organisation providing education and training	University of Groningen, the Netherlands				
Personal skills and competences					
Mother tongue(s)	Romanian Language				
Other language(s)	English Language				
Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
English Language	B1 intermediate	B2 upper intermediate	B2 upper intermediate	B2 upper intermediate	B2 upper intermediate
	(*) <u>Common European Framework of Reference for Languages</u>				

Computer skills and competences	MS Office, Adobe Photoshop, Corel Draw XLStat, SPSS, MVSP, MorphoJ, PAST, Internet
Driving licence	Class B Driving licence
Additional information	-
Annexes	I. Published papers II. Research activities in scientific manifestations III. Research projects

30.03.2013

Popovici Mariana

I. Published papers

Bejenaru L., Stanc S., **Popovici M.**, Balasescu A. 2013. Beavers (*Castor fiber*) in the Past: Holocene Archaeological Evidence for Beavers in Romania, 2013. International Journal of Osteoarchaeology, doi: 10.1002/oa.2306.

Popovici OA, Masner L, Notton DO & **Popovici M**: 2013. "A Review of European *Amblyscelio* and *Baryconus* (Hymenoptera: Platyga troidea, Platygastridae)", Zootaxa 3599 (4): 325–342.

Bejenaru L., Stanc S., **Popovici M.**, Balasescu A. and Cotiuga V. 2012. Holocene Subfossil Records of the Auroch (*Bos primigenius*) in Romania, The Holocene 0959683612465448, first published on December 20, 2012 as doi: 10.1177/0959683612465448.

Popovici OA, Maner L Notton D & **Popovici Mariana**, 2012. Revision of the European Species of *Calotelea* Westwood (Hymenoptera: Platygastridae) Zootaxa (*in press*).

Popovici M., Popovici C., Diversitatea speciilor de mamifere mici în câteva agroecosisteme din nordul Moldovei, Romania, Mnemosyne 2012, nr. 3: 17 – 22. ISSN 2068 - 7117

Stanc S. and **Popovici M**, 2012. Morphometric Aspects for *Sus scrofa domesticus* Identified in Settlements of IVth-Xth Centuries from Eastern and South-Eastern Romania, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală, Tom LVIII: 159-166.

Pocora V., **Popovici M.**, Mancu C.O. & Iorgu I.St., 2012. Feeding of the Little Owl during Nesting Season in the Danube Delta (Romania). Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală, Tom LVIII: 107-114

Popovici O.A., Bin F., Masner L., **Popovici M.**, 2011. Notton D. *Triteleia peyerimhoffi* comb. n., a remarkably variable circum-Mediterranean scelionid (Hymenoptera, Platygastridae), ZooKeys: 140, pp: 71-99.

M. Popovici, S. Stanc and L. Bejenaru, 2011. Prehistoric Cattle (*Bos Taurus*) - A Metric Study of Skeletal Remains Discovered in Archaeological Sites of Cucuteni A Culture, Analele Științifice ale Universității „Al. I. Cuza” Iași, s. Biologie animală, Tom LVII, pp: 147-155.

Stanc S., Bejenaru L., **Popovici M.**, 2010. The importance of *Bos taurus* species (Artiodactyla: Bovidae) in paleoeconomy, from prehistory until the middle ages, on the Romanian territory, *Analele Științifice ale Universității „Alexandru Ioan Cuza” Iași*, s. Biologie animală, Tom LVI, pp: 219-236.

Popovici Mariana, Popovici O., 2008 - Variability of antennomeres at *Scelio rugosulus* species (Hymenoptera, Scelionidae), *Entomologica Romanica*, vol.13, pag. 43-45.

Butnaru M., Saracutu O., **Popovici Mariana**, Niculaes C., 2007 - Ecological Aspects on Avifauna of the Copou Area from The City of Iasi, *Anal. St. Univ. “Al I. Cuza”, Iași, Serie Biologie Animală* Tom LIII, pag. 181

Fusu L., **Mariana Popovici**, Capraru G., 2006 - Preliminary data on the caryotype of *Mus musculus musculus* L., 1785 from northeastern Romania, *An. St. Univ. “Al I. Cuza” Iași*, Tom VII, pag. 241-244.

Popovici Mariana, 2006 - New biometrical data for the *Microtus arvalis* species Pall. 1779 (Mammalia: Rodentia), *Studii și Cercetări Biologie*, Univ. din Bacău, vol. 11, pag. 117-120.

Popovici Mariana, Zamfirescu St., 2006 - The Fluctuating Asymmetry of Some Morphometric Characters Of The Skull in a Population of *Mus spicilegus*, Peteny, 1882 (Mammalia: Rodentia) From A Crop Of Wheat In The County Of Botoșani, *Anal. St. Univ. “Al I. Cuza”, Iași* tom LII, pag. 251-254.

Popovici Mariana, Niculăeș C., 2006 – The variability of some skull characteristics in *Apodemus flavicollis* (Melchior, 1834) Mammalia, Rodentia, Ed. Univ. de Științe agricole și Medicină Veterinară Iași „Ion Ionescu de la Brad”, vol. 49, pag. 165-168.

Popovici Mariana, 2005 - Contributions in knowledge regarding the interspecific relations the dynamics and structure of populations of small mammals from the alfalfa crops of Botosani district in year 2004, Ed. Univ. de Științe agricole și Medicină Veterinară Iași „Ion Ionescu de la Brad”, vol. 48, pag. 851-856.

Popovici Mariana, Ion C., 2005 - The study of fluctuating asymmetry in some populations belonging to *Mus spicilegus* Petenyi, 1882 species from North of Moldavia, *Anal. St. Univ. “Al I. Cuza”, Iași, Serie Biologie Animală* Tom LI, pag. 237

Popovici Mariana, Niculăeș C., 2005 - Small mammals from natural and antropic habitats in north-eastern Romania – an ecological study, *Studii și Cercetări Biologie*, Univ. din Bacău, vol. 11, pag. 111-115.

Popovici Mariana, 2005 - Contribution to the knowledge of the Cristesti locality (Romania) small mammals fauna using *Asio otus* pellets, Univ. de Stat din Tiraspol, ISBN 9975-9859-9-8.

Niculăieș C., **Popovici Mariana**, 2004 - Comparative study concerning rodent species captured in Ceahlău and Rarău Mountains, *Anal. St. Univ. “Al I. Cuza”, Iași, Serie Biologie Animală* Tom LI, pag. 241

Popovici Mariana, Ion Iordache, 2004 - Small mammals species (Mammalia, Rodentia, Insectivora,) from Museum of Natural History collection, Iasi, *Anal. St. Univ. “Al I. Cuza”, Iași (serie nouă) Sectiunea I, Serie Biologie animală*, Tom L, 2004, pag. 403-413.

II. Research activities in scientific manifestations

a. National manifestations:

- Luminita Bejenaru, Simina Stanc, **Mariana Popovici** - Archaeozoological consideration on wild fauna changes under human impact in south-eastern Romania since prehistory until Middle Age, *Impactul antropic asupra mediului natural in neo-eneoliticul sud-est european*, Piatra Neamt, România, 24-26 octobrie, 2012.

- **Mariana Popovici** and Simina Stanc - Morphometric aspects in *Sus scrofa domesticus* of the IVth-Xth centuries on the east and south-east of Romania, *Impactul antropic asupra diversității structurale si functionale a sistemelor biologice*, 26-27 octombrie, Iasi, România, 2012.

- **Mariana Popovici, Luminița Bejenaru, Simina Stanc** - An Osteometric Assessment of Suines (*Sus scrofa ferus* and *Sus scrofa domesticus*) Exploited in Chalcolithic Settlements from Eastern Romania, Impactul antropoc asupra diversității structurale și functionale a sistemelor biologice, 26-27 octombrie, Iași, România, 2012.

-**Mariana Popovici, Simina Stanc, Luminița Bejenaru**, Morphometric Separation of Pig (*Sus Scrofa Domesticus*) and Wild Boar (*Sus Scrofa Ferus*) Remains Identified in Sites of the Second Millennium AD from Dobruđa (Romania), 23-25 Noiembrie CZGA, București, România, 2012

- **Mariana Popovici, Simina STANC, Luminița BEJENARU** - *Porcul (Sus scrofa domesticus) în așezările neolitice și calcolitice din estul României: abordare din punct de vedere morfometric*, SECOND ARHEOINVEST CONGRESS, Interdisciplinary Research in Archeology, 7-9 Iunie, 2012 Iasi, Romania

- **Simina STANC, Luminița BEJENARU, Mariana Popovici** - *Separarea biometrică a resturilor de porc (Sus scrofa domesticus) și mistreț (Sus scrofa ferus) identificate în eșantioane aparținând mileniilor I și II d.Hr. din estul și sud-estul României*, SECOND ARHEOINVEST CONGRESS, Interdisciplinary Research in Archeology, 7-9 Iunie, 2012 Iasi, Romania

- **Mariana Popovici, Simina STANC** - *Variații morfologice în dentiția porcinelor identificate la Stăncești, jud. Botoșani (secolele VI-III î.Hr.)*, SECOND ARHEOINVEST CONGRESS, Interdisciplinary Research in Archeology, 7-9 Iunie, 2012 Iasi, Romania

- **Popovici Mariana, Stanc Simina, Bejenaru Luminita** - Domestic pig and wild boar separation remains due to biometric data of postcranial and cranial skeleton for the first and second millennia A.D. assemblages, on Romania's territories", *Simpozionul Arheometric*, Bucuresti , 22 - 23 martie, 2012

- **Luminița Bejenaru, Simina Stanc, Mariana Popovici** - Archaeozoological perspective on Neolithic migrations in Eastern and South-Eastern Romania, The Third Annual Zoological Congress of "Grigore Antipa" Museum, Bucharest, Romania 23-25 November, 2011

- **Simina Stanc, Luminița Bejenaru, Mariana Popovici** - Beaver (*Castor fiber*) remains in archaeological sites from Romania: archaeozoological approach, The Third Annual Zoological Congress of "Grigore Antipa" Museum, Bucharest, Romania 23-25 November, 2011

- **Mariana Popovici, Viorel Pocora** - Small mammals in the diet of *Asio otus* (L., 1758) in the north-east of Romania, Diversitate structurală și funcțională în organizarea biologică, sesiune științifică cu participare internațională, Iasi Romania, 7-8 octombrie 2011

- **Mariana Popovici, Luminita Bejenaru, Simina Stanc** - Osteometric variations of pig (*Sus scrofa domesticus*) in Neolithic samples from east and South-East of Romania, Diversitate structurală și funcțională în organizarea biologică, sesiune științifică cu participare internațională, Iasi Romania, 7-8 octombrie 2011

Simina Stanc, Mariana Popovici, Luminița Bejenaru - Rolul economic al suinelor (porc domestic și mistreț) în așezările preistorice de pe teritoriul României, First ARHEOINVEST congress, Interdisciplinary Research in Archeology, Iasi Romania, 10-11 iunie 2011

- **Mariana Popovici, Luminița Bejenaru, Romeo Cavalieru, Florentina Oleniuc** - Osteometric study in *Bos taurus* samples associated with Prehistoric Communities of Cucuteni Culture. The Second Annual Zoological Congress of "Grigore Antipa" Museum, 17-19 November 2010

- **Mariana Popovici** - The small mammals biodiversity in Moldova (Romania), Biodiversitate și Dezvoltare Durabilă, Sesiune științifică națională cu participare internațională, în cadrul Simpozionului dedicat Anului Internațional al Biodiversității, Iasi, Romania, 15-16 octombrie, 2010

- **Mariana Popovici** - A New Record of *Microtus tatricus* (Kratochvíl, 1952) (Rodentia, Mammalia) in Romania, Biodiversitate si Dezvoltare Durabila, Sesiune științifică națională cu participare internațională, in cadrul Simpozionului dedicat Anului Internațional al Biodiversității, Iasi, Romania, 15-16 octombrie, 2010.

- Luminita Bejenaru, **Mariana Popovici**, Romeo Cavalieru - Date preliminare morfometrice privind statusul conformational al speciei *Bos taurus*, asociata comunitatilor preistorice de Cultura Cucuteni, Biodiversitate si Dezvoltare Durabila, Sesiune științifică națională cu participare internațională, in cadrul Simpozionului dedicat Anului Internațional al Biodiversității, Iasi, Romania, 15-16 octombrie, 2010.

- Pocora V., **Popovici Mariana** - The Diet of Tawny Owl (*Strix aluco* L., 1758) from Forest Letea (Danube Delta), The XIXth International Symposium "Deltas and Wetlands", Tulcea Romania, 2010

- Popovici O., **Popovici Mariana** - Contribuții la cunoașterea organizării interne la scelionide: 1. Aparatul genital și aparatul excretor, Biodiversitate Și Dezvoltare Durabilă, Sesiune de comunicări, Botosani, Romania, 2010.

- **Popovici Mariana**, Zamfirescu St. – Analiza morfometrica a unor variabile craniene din diferite populatii de *Mus spicilegus* Petenyi, 1882 (Mammalia: Rodentia) din nordul Moldovei. Biodiversitate si impact antropic în Marea Neagra si in ecosistemele litorale ale Marii Negre, Agigea 2006.

- **Popovici Mariana**, Zamfirescu St.– Asimetria fluctuanta a unor caractere morfometrice in populatiile de *Mus spicilegus* Petenyi, 1882 (Mammalia: Rodentia). Sesiunea stiintifica nationala: Biologia la inceputul secolului XXI, Iasi, România, 2005.

- **Popovici Mariana**, Ion I.- Studiul fluctuatiilor asimetrice la indivizi din populații aparținand speciilor *Mus spicilegus* Petenyi, 1882 si *Apodemus flavicollis* Melchior, 1834, Sesiunea științifică națională: Biologia la inceputul secolului XXI, Iasi, România, 2004.

- **Popovici Mariana**, Niculaes C. - Studiu comparativ privind speciile de rozatoare capturate in Masivele Ceahlau si Rarau, Sesiunea stiintifica nationala Biologia la inceputul secolului XXI, Secțiunea Faună terestră, Iasi, România, 2004.

- **Popovici Mariana** - Contributions in knowledge regarding the interspecific relations the dynamics and structure of populations of small mammals from the alfalfa crops of Botosani district in year 2004, Univ. de Stiințe agricole și Medicină Veterinară Iași „Ion Ionescu de la Brad”, România, 2005 .

- **Popovici Mariana**, Ion I.- Variabilitatea buclei anterioare a molarului M1 inferior și a buclei posterioare a molarului M3 superior la specia *Microtus arvalis* (Rodentia, Mammalia), Sesiunea de Comunicări Științifice a Facultății de Biologie, Secțiunea Faună terestră, Iași, România, 2004.

b. International manifestations:

- **Mariana Popovici**, Adrian Balasescu, Simina Stanc and Luminita Bejenaru - Morphometric Data for Suines (*Sus scrofa domesticus* and *Sus scrofa ferus*) for Precucuteni-Cucuteni and Boian-Gumelnita Cultures, in Romania, Environmental Archaeologies of Neolithisation, University of Reading (UK), 9-12 November 2012.

- Simina Stanc, Luminița Bejenaru and **Mariana Popovici** - Wild and Domestic Pigs (*Sus scrofa domesticus* and *Sus scrofa ferus*) in Prehistoric Times of Romania: Paleoecological Importance, Environmental Archaeologies of Neolithisation, Environmental Archaeologies of Neolithisation, University of Reading (UK), 9-12 November 2012.

- Simina Stanc, **Popovici Mariana**, Balasescu Adrian, Luminita Bejenaru - Morphometric data for suines (*Sus scrofa domesticus* and *Sus scrofa ferus*) in Chalcolithic period from Romania, 39th International Symposium on Archaeometry: "50 years of ISA", 28 May-2 June, 2012.

- **Popovici Mariana**, Balasescu Adrian, Simina Stanc, Luminita Bejenaru - Morphometric Data on Bovine Remains (*Bos taurus* and *Bos primigenius*) Found in Chalcolithic Settlements from South-Eastern Romania, 39th International Symposium on Archaeometry: "50 years of ISA", 28 May-2 June, 2012.

- Pocora V., Iorgu. I., **Popovici M.** - Feeding of the Little Owl (*Athene noctua* Scop., 1769) during nesting season in Danube Delta (Romania), 4th International Eurasian Ornithology Congress, Baja, Hungary, 12-15 April 2012

- Luminita Bejenaru, **Mariana Popovici**, Simina Stanc - Morphometric variations in pig (*Sus scrofa domesticus*) populations associated to prehistoric communities of Cucuteni Culture in Romania, Archeometrie, Liege, Belgia, 11-15 aprilie, 2011

- Bejenaru L., **Popovici M.**, Stanc S. - Neolithic Migrations in the Eastern and Southeastern Territories of Romania: Metric Variations in Cattle (*Bos taurus*) Populations, Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes Workshop, Kiel, Germany 14 - 18 martie, 2011

- **Popovici M.**, Bejenaru L. - Morphometric variations in sheep-goat (*Ovis aries-capra hircus*) populations associated to prehistoric communities of Cucuteni culture in Romania, Biosystematics Berlin, 21 – 27 February 2011

- **Popovici Mariana**, A. Diaconu, M. Parepa - Occurrence of Trichogramms (Hymenoptera: Trichogrammatidae) and its Role in Reduction of Lepidopteran Pest Populations in Cabbage, XXXVIII Esna Annual Meeting Krakow, Poland, 2008

- Diaconu D., N. Talmaciu, **Mariana Popovici**, G. Vasiliu, C. Closca, E. Rotari, A. Manolache - Dynamics of the Parasitoid Community of the Dark Fruit-Tree Tortrix Moth *Pandemis heparana* (Denis & Schiffermüller, 1775) (Lep., Tortricidae) in the First Two Years of Apple Tree's Conversion to an Ecological Production in the Northeastern Romania, XXXVIII Esna Annual Meeting Krakow, Poland, 2008

- Diaconu A., M. Talmaciu, **Mariana Popovici**, E. Rotari, G. Vasiliu - Tritrophic interactions of coccinellids (Col., Coccinellidae) in the Northeastern Romanian Agroecosystems, XXXVIII Esna Annual Meeting Krakow, Poland, 2008

- Rotari Elena, A. Diaconu, **Mariana Popovici**, Talmaciu N., Manolache A., Vasiliu G. - Dynamics of the Overwintering Pests'populations from a Commercial Apple Orchard in the First Two Years of Conversion to Ecological Production, XXXVIII Esna Annual Meeting Krakow, Poland, 2008

- Rotari Elena A. Diaconu, M. Tălmaciu, I. Ghiuna - Tarălungă, **Mariana Popovici** - On Biology and Ecology of Rusty Tussock Moth, *Orgyia antiqua* (Linnaeus, 1758) (Lep., Lymantriidae), XXXVIII Esna Annual Meeting Krakow, Poland, 2008

- **Popovici Mariana**, Diaconu A., Talmaciu M., Rotari E. - Natural Parasitoids Community of *Yponomeuta evonymella* (Linnaeus, 1758) (Lepidoptera: Yponomeutidae) from the Northeast of Romania, XXXVIII Esna Annual Meeting Krakow, Poland, 2008

II. Research projects (Member of Research Team)

- Relationships between humans and suines in prehistorical and historical time on Romania`s territory and connection with European and Asian spaces - CNCS - UEFISCDI PN-II-RU-TE-2011-3 – 0146.

- Sustainable Development and Biodiversity Conservation in Rarau-Giumalau Massif (ROM/05/13, finantator Global Environment Facility, Small Grants Programme); Fundatia de Speologie Club Speo Bucovina, 6/2005 - 12/2006.

- Restoring biodiversity of degraded Romanian pastures through the development of sustainable management practices for invasive weeds using *Lepidium draba* as a model system (tip JRP); NSF – Elvetia; Program SCOPES 2005-2008.

- The role of soil microbes in plant invasions: inhibition at home and facilitation away?; NSF – USA; 2007-2009.

- Research and certification laboratory of the Trichogramma's quality used as biological control agents, 2006-2008, National Program – CEEX-RENAR

- The experimentation and improvement of the technology of biological exploitation on one intensive apple orchard module and its favorable impact on the environment and consumer's health – BIOMAR, 2005-2008, National Program – CEEEX

Data: 26.03.2013

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