

CV MAKA MURVANIDZE

Status, Name, Surname: Associate professor Maka Murvanidze

Personal Information: Date of birth: 08.10.1971. Home Address: Agladze str.26.

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m.murvanidze@agrni.edu.ge; maka.murvanidze@gmail.com

Education:

1997-1999. Post graduate student at the Institute of Zoology of Georgian Academy of Sciences.

1989-1994. I. Javakhishvili Tbilisi State University. Faculty of Biology.

Degrees:

2002. PhD in Zoology. Academy of Sciences of Georgia

1994. Diploma with excellence. Tbilisi State University

Experience:

2015-present. European School Tbilisi

- Teaching Biology to 11th and 12th grade students of International Baccalaureate program

2011-2015. Battelle Memorial Institute Branch in Georgia. Vector Surveillance Researcher

- Perform theoretical and practical trainings on disease vectors and vector surveillance with NCDC entomologists and NFA veterinarians
- Work on Vector Surveillance Monitoring program with NCDC
- Work on guide-book on vector surveillance and vector-borne diseases

2011-present. Institute of Entomology at Agricultural University of Georgia. Associate professor

- Perform lectures on the principles of biosecurity and the Management of scientific projects with Msc and doctoral students

- Perform investigations on soil invertebrate biodiversity in various ecosystems of Georgia
- Writing scientific manuscripts
- Submitting, managing and reporting scientific projects
- Run and maintain oribatid mite collection in Agricultural University of Georgia

2010-2011. Entomology and Biocontrol Research Center of Ilia State University. Researcher

- Perform lectures on the Population Ecology and the Integrated Pest Management doctoral students
- Perform investigations on soil invertebrate biodiversity in various ecosystems of Georgia
- Writing scientific manuscripts
- Submitting, managing and reporting scientific projects

2007-2010. I. Javakhishvili Tbilisi State University. Head of the Laboratory of Biodiversity

- Perform lectures on Biodiversity, Conservation and Agroecology with students of Bsc and MSc studies
- Be responsible for the equipment of the department of biodiversity
- Run correspondence of the department

2000-2009. Institute of Zoology. Senior Researcher.

- Perform investigations on oribatid mites of Georgia
- Participation and submission of scientific projects

1997-1999. Lyceum at “Small Academy”. Lecturer of Biology

- Perform lecture of General Biology

Lecture courses:

- Conservation Biology - TSU, BSc
- Introduction to Biology – TSU, BSc
- Environmental biotechnologies and conservation – TSU, MSc
- Principles of Biosecurity – TSU and Agricultural University of Georgia, MSc
- Agricultural Ecology – TSU, BSc

- Population Ecology – Iliani, PhD
- Integrated Pest Management – Iliani, PhD
- Scientific Project Management - Agricultural University of Georgia, PhD

Languages:

- English - fluent
- German- fluent
- Russian- fluent
- Italian – basic

Computer skills:

Microsoft Office: Excel, Word, PowerPoint, Outlook

Grants and Awards:

2013-2015. Arthropod diversity in Mtirala National Park. SRNSF-31/88 (Project Manager)

2012-2014. Biodiversity and heavy metal accumulation in soil invertebrates near polymetal tailing sites (Kazreti. Georgia). SRNSF/STCU - 5623 (Project manager)

2012-2014. Biodiversity of invertebrates of Georgian Carst Caves. SRNSF-478 (participant)

2010-2013. Curriculum invoking Bologna aligned education leading to reform environmental studies (CIBELES). TEMPUS project CIBELES. JEP-511172-DE-2010 (participant)

2010-2011. An ecological assessment of different forest types of Borjomi gorge protected territories by indicator insect species and education of local population on conservation of biodiversity. Rufford Small Grants 7838-1 (Project manager)

2010-2013. Monitoring of the settlement of dump and recultivated soils on manganese queries by invertebrate animals. STCU - 4875 (Project manager)

2009-2011. The invertebrate animals of Colchis National Park (coastal part), their biodiversity and population of the main habitats and ecosystems. GNSF (Project participant)

2007-2009. Development of new bachelor curricula in applied biosciences and biotechnologies at Tbilisi State University. TEMPUS Project CD-JEP-27218-2006 (GE) (Project participant)

2007-2009. Invertebrate Animals as Bioindicators of Urban Environment. GNSF/STCU - 4327 (Project manager)

2005. To the study of the Butterflies of Borjom-Kharagauli National Park. BP (Project participant)

2006. German Academic Exchange Service (DAAD). Research scholarship. Free University Berlin

2001-2002. German Academic Exchange Service (DAAD). Research scholarship. Free University Berlin

Participation in Conferences and Symposiums:

2014. International Congress of Acarology ICA XIV. Kyoto, Japan

2012. 7th Symposium of European Association of Acarologists. Vienna, Austria

2010. International Congress of Acarologists ICA XIII. Recife, Brasil

2010. Top Biodiversity 2010. Larnaca, Cyprus.

2009. International Workshop on Taxonomic Acarology. Ankara.

2009 10th Central European Workshop on Soil Zoology. České Budějovice,

2008. International Scientific Conference Dedicated to 90th Anniversary of Tbilisi State University. Actual Problems of Experimental and Theoretical Biology: Tbilisi.

2008. 6th Symposium of European Association of Acarologists. Montpellier. France

2006. 12th International Congress of Acarology. Amsterdam.

2005. The 3rd International Scientific Conference. Actual Problems of Biology and Medicine. I. Javakhishvili Tbilisi State University. Tbilisi.

2004. The 5th Symposium of the European Association of Acarologists. Berlin.

2003. The investigation and Protection of the Animal World of Southern Caucasus. Regional Scientific Conference. Erevan.

1998 International Scientific Conference in Biology and Medicine. To the 80th anniversary of Tbilisi State University. Tbilisi.

Trainings:

2007 Landscape Ecology. SPAMGO Training Centre. Tbilisi, Georgia.

2014. Training of Trainers. CTC training center. Tbilisi, Georgia

Recent publications:

1. Murvanidze M., Behan-Pelletier V.M. 2011. A new species of *Striatoppia* (Acari, Oribatida) from the Caucasus region, with remarks on the familial placement of the genus. **International Journal of Acarology**. 37(1): 53-59
2. Murvanidze M., Kvavadze Er., Mumladze L., Arabuli T. 2011. Comparison of earthworm (Lumbricidae) and Oribatid mite (Acari, Oribatida) in natural and urban ecosystems. **Vestnik Zoologii**. 45: 233-241
3. Murvanidze M., Mumladze L., Arabuli T., Kvavadze Er. 2011. Landscape distribution of oribatid mites (Acari, Oribatida) in Kolkheta National Park (Georgia, Caucasus). **Zoosymposia** 6:221-233
4. Barjadze Sh., Schulz H.J., Burkhardt U., Potapov M.B., Murvanidze M. 2012. New records for the Georgian springtail fauna (Collembola). **Zoology in the Middle East**, 56: 143-146
5. Murvanidze M., Weigmann G. 2012. Two new species of oribatid mites (Acari, Oribatida) *Haplozetes longisacculus* and *Scutovertex armazi* from Georgia (Caucasus). **Acarina** 20 (2): 167-172
6. Mumladze L., Murvanidze M., Behan-Pelletier V. 2013. Compositional patterns in Holarctic peat bog inhabiting oribatid mite (Acari: Oribatida) communities. **Pedobiologia**. 56: 41-48
7. Murvanidze M., Mumladze L., Arabuli T., Kvavadze Er. 2013. Oribatid mite colonization on sand and manganese tailing sites. **Acarologia**. 53(2): 127-139
8. Murvanidze M. 2014. Oribatid mites of Georgian (Caucasus) caves including the description of a new species *Ghilarovus* Krivolutsky, 1966. **International Journal of Acarology**. 40(6): 463-472
9. Mumladze L., Murvanidze M., Maraun M., Salakaia M. 2015. Oribatid mite communities along an elevational gradient in Sairme gorge (Caucasus). **Experimental and Applied Acarology** 65(3)
10. Murvanidze M., Arabuli T. 2015. Oribatid mite diversity in *Rhododendron ponticum* L. canopy along an altitudinal gradient in Mtirala National Park. **Acarologia**. 55(2): 219-230

11. Barjadze Sh., Murvanidze M. 2016. New records of springtails (Collembola: Entomobryomorpha) and oribatid mites (Acari: Oribatida) in Georgia. **Turkish Journal of Zoology**. 40: 117-119
12. **Murvanidze M., Mumladze L. 2016. Annotated checklist of Georgian oribatid mites.** Zootaxa. 4089(1): 1-81

Textbooks and Monographs:

Murvanidze M., Kvavadze Er., Arabuli T., Bagathuria N., Eliava I., Mumladze L. 2009: Invertebrate Animals as indicators of urban environment. “Universali” publ. (Georgian)

Gegechkori A., Shetekauri Sh., Murvanidze M. 2012. Biodiversity. Tbilisi State University. (Georgian)

Murvanidze M., Kvavadze Er., Bagathuria N., Eliava I., Arabuli T., Chaladze G., Mumladze L. 2013. Invertebrate colonization on dump and mine tailing sites (Chiatura manganese quarries). “Universali” publ. (Georgian)

Personal web-site: <https://sites.google.com/site/murvanidzem/home>