Curriculum Vitae - Levan Mumladze
29.01.2023

Personal information

Birth date: 1983.02.23
Work address:
Institute of Zoology of Ilia State University. Tbilisi, Georgia (https://zoology.iliauni.edu.ge/)
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Education

2007 – 2013. PhD in Life Sciences. Ilia State University, Institute of Ecology. Supervisor Prof. David Tarkhnishvili. Title of the thesis: Composition and Development of Georgian Malacofauna.
2004 – 2006. Master of Science in Biology. Ivane Javakhishvili State University,Tbilisi, Georgia.
2000 – 2004. Bachelor of Science in Biology. Ivane Javakhishvili State University, Tbilisi, Georgia.

Working Experience

Since 2019 - Director of the Institute of Zoology (Ilia State University, Tbilisi, Georgia)
Since 2019 - Professor associate, Ilia State Unviersity
2015-2019. Assistant professor of Ilia State University
2012-2015. Head of Invertebrate Research Center
(IRC - *https://sites.google.com/site/rgetgeorgia/*)
2010 -2015. Assistant researcher. Institute of Ecology. Ilia State University (Tbilisi)
2007 – 2010. Researcher. Department of Invertebrate Animals. Institute of Zoology (Tbilisi)
2006 – 2009. Assistant of dean. Faculty of Life Science. Ilia State University (Tbilisi)
2003 – 2007. Lab assistant. Department of Invertebrate Animals. Institute of Ecology (Tbilisi)

Membershp

2007 – 2010. Member of SCB (Society for Conservation Biology)
2011 – 2017. Member of American Malacological Society.
2013 - 2018 Member of UNITAS Malacologica - the society for worldwide malacologists and malacology.

Computer Skills

- Statistical programming (R language)
- GIS software (QGIS)
- Office and database programs (Access)

Language Skills

English - good
Russian – Reading
German – beginner
Turkish – beginner

Research Interest:

- ➢ Species diversity and conservation within the Caucasus region.
- ➢ Biogeography of Caucasian Invertebrate fauna (molluscs, mites, dragonflies, diplopods etc)
- ➢ Community and metacommunity patterns and the underlying mechanisms (orbitaid mites, terrestrial snails and freshwater invertebrates, plants as model organisms).
- ➢ Species interactions and coexistence phenomenon in soil associated animals.

Courses supervised

Master programs:

Since 2013: Academic writing – supervisor

Since 2018: Introductory course in statistics – supervisor

Since 2014: Measuring Biological Diversity – supervisor

Bachelors:

Since 2014: Field and laboratory practice in ecology

Grants and Awards:

2020-2023 - Caucasus Barcode of Live project (CaBOL). German Federal Ministry of Education and Research. Taxonomic Coordinator. ID: 01DK20014A

2020-2023 - Effect of different agricultural practices on non-target soil microarthropod communities. (SRNSF). Key Personnel. Responsibility: Study design, Data collection, Data analyses. ID: FR-19-363

2019 (June) - USAID/GEORGIA FAA 119 BIODIVERSITY ANALYSIS – Country (Georgia) biodiversity expert.

2018-2019 - Patterns and process of (meta)community development: artificial forests of Javakheti plateau as a model system. (SRNSF). PI. ID: YS17_85.

2017-2019 - Biodiversity of Freshwater Molluscs of Georgia (SRNSF). PI. ID: 217-086

2016-2018. Impact of pesticides on soil ecosystem functioning - effect on soil invertebrate fauna (SRNSF/STCU). Key personnel. Responsibility - experimental design, field work, data analyses.

2015 – Awarded with Paskali Prize by Ilia State University for publishing high Eigen-Factor papers

2014 – 2017. Biodiversity of Hymenopterans in Lagodekhi Protected Areas. (SRNSF). Key personnel.. Responsibility – Data analyses.

2014 – 2017. Study of javakheti Upland Lakes for Sustainable Fisheries and Environmental development. Supported GNSF (SRNSF). Key Personnel. Responsibility – Study design, fieldwork, data analyses.

2014 – Awarded with Paskali Prize (two times) by Ilia State University for publishing high Eigen-Factor papers

2014. (Individual Research Project; finished) Conservation of Caucasian Wildlife: Applying the National Conservation Status to some Georgian Molluscs (Based on IUCN Criteria) - Stage 2. Rufford Small Grants.

2013-2015. Arthropod diversity in Mtirala National Park (SRNSF-31/88). Key personnel. Responsibility - study design, fieldwork, data analyses.

2012 – to date. Caucasus biodiversity research project – Moolusca. Team member:

http://www.caucasus-snails.uni-hamburg.de/CaucasianLandSnails-Dateien/Team.html

2012-2014. Biodiversity and heavy metal accumulation in soil invertebrates near polymetal tailing sites (Kazreti. Georgia) (SRNSF/STCU). Key personnel. Responsibilities: fieldwork and data analysis.

2012 – 2014. Research and REstoration of the Essential Filters of the Sea - REEFS. EU (European Union). Responsibility – preparing basis to construct artificial reefs in the Georgian Black Sea coast and the monitoring of community composition of sea mollusks associated with the reefs.

2013 – (Individual Research Project; finished) Distribution of Terrestrial snails of the Caucasus along an altitudinal gradient. German Academic Exchange Service (DAAD).

2011 – 2012 (finished). Evaluating of Forest Snail Endemicity in Georgian Transcaucasia – A Preliminary Study. Rufford Small Grant Foundation. http://www.ruffordsmallgrants.org/rsg/projects/levan_mumladzeThe aim of the project was to fill gaps and gather scattered distributional data of forest inhabiting Georgian endemic mollusks.

2010. (Individual research project). Preliminary study of the distribution and morphology of some snails (Mollusca, Gastropoda: Helix, Caucasotachea) endemic for the Caucasus. GNSF (Georgian National Scientific Faoundation). The aim of the project was to investigate the distribution of Georgian endemic helicid species and study their morphological variability within the region.

2009-2011. The invertebrate animals of Colchis National Park (coastal part), their biodiversity and population of the main habitats and ecosystems (GNSF). Key Personnel. Responsibility - fieldwork, data analyses

2007-2009. Invertebrate Animals as Bioindicators of Urban Environment (GNSF/STCU - 4327). Key personnel. Responsibility - fieldwork, data analyses

2007. Web data base for development of Georgian red list (http://www.biodiversity-georgia.net). Financed by BP (British Petroleum, Georgian Office). Responsibility - Curator of Mollusks web-section and field work.

2007. (Individual research project). Refugial Forests of the Western Lesser Caucasus. Financed by CLP (Conservation Leadership Programme (Former BP Conservation Programme)). The aim of the project was to Identify and support conservation of the most important and vulnerable rafugial forest sites from the Western Lesser Caucasus.

Participation in international meetings

08.2019 – Monterev citv. USA. World Congress of Malacology. Six or one? Study of species diversity of the genus *Ancylus* in Georgia. Kachlishvili N, Bikashvili A, Japoshvili B, Mumladze L (Poster Presentation). https://www.calacademy.org/world-congress-of-malacology-2019

10-14.09.2017 - Krakow, Poland. 8th European Congress of European Malacological Society (EUROMAL). Predicting thedistribution of Helix lucorum Linnaeus,1758–a silent invader snail. L. Mumladze, A. Bikashvili, B Japoshvili (Oral presentation). http://www.euromal.pl/

10-14.09.2017 - Krakow, Poland. 8th European Congress of European Malacological Society (EUROMAL). Biodiversity, distribution and conservation of freshwater molluscs of Georgia. L. Mumladze, A. Bikashvili, B Japoshvili (Poster).http://www.euromal.pl/

11-15.07.2016. Valencia, Spain. Polytechnical University of Valencia. 8th Symposium of European Association of Acarologists. Mumladze L, Murvanidze M, Todria N. Micro scale species richness of oribatid mites – implications for sampling strategy. http://euraac.webs.upv.es/SympValencia/index.php

7-11.09.2015. Porto, Portugal. XV European Congress of Ichthyology. Gibel carp population and its parasites in Madatapa Lake (South Georgia). Japoshvili B, Mumladze L, Murvanidze L and Bikashvili A. http://www.affish.ulg.ac.be/?q=en/eci15

18-2.11.2015. Bucharest, Romania. International Zoological Congress of "Grigore Antipa" Museum. Chromosome studies of some Georgian terrestrial molluscs (Mollusca: Gastropoda: Pulmonata). Bakhtadze NG, Chakvetadze NL, Mumladze LJ, Bakhtadze GI, Tskhadaia EA. http://www.czga.ro/pagina.php?idarh=33

14-18.07.2014. Kyoto, Japan. Kyoto TERRSA. International Congress of Acarology ICA XIV. Oribatida diversity in different microhabitats of Mtirala National Park. Murvanidze M, Mumladze L, Arabuli T, Barjadze S, Salakaia M. http://ica14.acarology-japan.org/

22-28.07.2013. Ponta Delgada, Azores, Portugal. World Congress of Malacology. Sympatry Without Co-ccurrence: Exploring The Pattern Of The Distribution Of Two Helix Species In Georgia Using Ecological Niche Modeling Approach. L. Mumladze. http://www.unitasmalacologica.org/congress.html

9-13.07. 2012. Vienna, Austria. Institute fuer Bodenkunde. 7th Symposium of European Association of Acarologists. Oribatid mite colonization of sand and manganese tailing sites. Murvanidze M, Mumladze L, Arabuli T, Kvavadze Er. https://euraac.webs.upv.es/society_info.php

23-27.08.2010. Recife, Brasil. Golden Tulip Recife Palace Hotel. International Congress of Acarologists ICA XIII. Landscape distribution of oribatid mites (Acari, Oribatida) in Kolkheti National Park (Georgia, Caucasus). Murvanidze M, Mumladze L, Arabuli T, Kvavadze Er www.acarology.org/ica/ica2010/

21-25.07.2008. Montpellier, France. SupAgro. 7th Symposium of European Association of Acarologists. The effect of fire disturbance on oribatid mite communities.Murvanidze M, Arabuli T, Kvavadze Er, Mumladze L. https://euraac.webs.upv.es/society_info.php

Publications

82. Murvanidze, M., Todria, N., Maraun, M., Mumladze, L., 2023. Annotated checklist of Georgian oribatid mites - II. Zootaxa 5227, 50–62. https://doi.org/https://doi.org/10.11646/zootaxa.5227.1.2
81. Vilizzi, L., Piria, M., …… Mumladze, …… Zięba, G. 2022. Development and application of a multilingual electronic decision-support tool for risk screening non-native terrestrial animals under current and future climate conditions. NeoBiota 76, 211–236. https://doi.org/10.3897/neobiota.76.84268
80. Pešić, V., Esen, Y., Gerecke, R., Goldschmidt, T., Mumladze, L., Smit, H., Zawal, A., 2022. Evidence of cryptic speciation in the Hygrobates calliger complex (Acariformes, Hydrachnidia, Hygrobatidae) with the description of two new species. Ecol. Montenegrina 59, 101–122. https://doi.org/https://dx.doi.org/10.37828/em.2022.59.10
79. Mumladze, L., Kuljanishvili, T., Japoshvili, B., Epitashvili, G., Kalous, L., Vilizzi, L., Piria, M., 2022. Risk of invasiveness of non-native fishes in the South Caucasus biodiversity and geopolitical hotspot. NeoBiota 76, 109–133. https://doi.org/10.3897/neobiota.76.82776
78. Maasri, A., Jähnig, S.C., …… Mumladze, …… Worischka, S. 2022. A global agenda for advancing freshwater biodiversity research. Ecol. Lett. 1–9. https://doi.org/10.1111/ele.13931
77. Neiber, M.T., Walther, F., Kijashko, P. V, Mumladze, L., Hausdorf, B., 2022. The role of Anatolia in the origin of the Caucasus biodiversity hotspot illustrated by land snails in the genus Oxychilus. Cladistics 38, 83–102. https://doi.org/10.1111/cla.12479
76. Bikashvili, A., Kachlishvili, N., Japoshvili, B., Mumladze, L., 2022. Species diversity and DNA barcode library of freshwater Molluscs of South Caucasus. Biodivers. Data J. 10, 1–24. https://doi.org/10.3897/BDJ.10.e84887
75. Zerbe, S., Miller, R.M., Asanidze, Z., Asanidze, I., Mumladze, L., 2022. Local forest-related knowledge, perceptions, and perspectives as a basis for woodland restoration. For. Ecol. Landsc. Res. Nat. Conserv. 21, 31–43.
74. Bakhtadze, N., Chakvetadze, N., Mumladze, L., Gabroshvili, N., 2021. Check-list of chromosome numbers of the family Hygromiidae (Gastropoda: Stylommatophora) with new data on Circassina frutis. Trav. du Muséum Natl. d'Histoire Nat. "Grigore Antipa" 64, 7–20. https://doi.org/10.3897/travaux.64.e69707
73. Kuljanishvili, T., Mumladze, L., Japoshvili, B., Mustafayev, N., Ibrahimov, S., Patoka, J., Pipoyan, S., Kalous, L., 2021. The first unified inventory of non-native fishes of the South Caucasian countries, Armenia, Azerbaijan, and Georgia. Knowl. Manag. Aquat. Ecosyst. 422, 1–16. https://doi.org/10.1051/kmae/2021028
72. Todria, N., Murvanidze, M., Mumladze, L., 2021. Oribatid (Acari: Oribatida) diversity in natural and altered open arid ecosystems of South-Eastern Caucasus. Pedobiologia (Jena). 87–88, 150750. https://doi.org/10.1016/j.pedobi.2021.150750
71. Vilizzi, L., Copp, …… Mumladze, L., …… Clarke, S. 2021. A global-scale screening of non-native aquatic organisms to identify potentially invasive species under current and future climate conditions. Sci. Total Environ. 788, 147868. https://doi.org/10.1016/j.scitotenv.2021.147868
70. Bikashvili, A., Kachlishvili, N., Mumladze, L., 2021. Species diversity and distribution of freshwater molluscs of Javakheti Highlands (Republic of Georgia). Biodivers. Data J. 9, e66649. https://doi.org/10.3897/BDJ.9.e66649
69. Japoshvili, B., Couto, T.B.A., Mumladze, L., Epitashvili, G., McClain, M.E., Jenkins, C.N., Anderson, E.P., 2021. Hydropower development in the Republic of Georgia and implications for freshwater biodiversity conservation. Biol. Conserv. 263, 109359. https://doi.org/10.1016/j.biocon.2021.109359
68. Neiber, M.T., Bikashvili, A., Bananashvili, G., Shubashishvili, A., Japoshvili, B., Walther, F., Mumladze, L., 2021. Continental molluscs collected during the second Georgian-German BioBlitz 2019 in Stepantsminda, Georgia. Mitteilungen der Dtsch. Malakozool. Gesellschaft 104, 23–36.
67. Kuljanishvili, T., Japoshvili, B., Mumladze, L., Mustafayev, N., Ibrahimov, S., Patoka, J., Pipoyan, S., Kalous, L., 2021. Freshwater fish species diversity in Georgia (South Caucasus Region) and their local names, in: Kubík, Š., Barták, M. (Eds.), Proceedings of the „12th Workshop on Biodiversity", Jevany. Jevany, Czech republic, pp. 48–65.
66. Copp, G.H., Vilizzi, L., …… Mumladze, L., …… Mendoza, R. 2021. Speaking their language – Development of a multilingual decision-support tool for communicating invasive species risks to

decision makers and stakeholders. Environ. Model. Softw. 135, 104900. https://doi.org/10.1016/j.envsoft.2020.104900

65. Bláha, M., Patoka, J., Japoshvili, B., Let, M., Buřič, M., Kouba, A., Mumladze, L., 2021. Genetic diversity, phylogenetic position and morphometric analysis of Astacus colchicus (Decapoda, Astacidae): a new insight into Eastern European crayfish fauna. Integr. Zool. 16, 368–378. https://doi.org/10.1111/1749-4877.12493
64. Kuljanishvili, T., Epitashvili, G., Freyhof, J., Japoshvili, B., Kalous, L., Levin, B., Mustafayev, N., Ibrahimov, S., Pipoyan, S., Mumladze, L., 2020. Checklist of the freshwater fishes of Armenia, Azerbaijan and Georgia. J. Appl. Ichthyol. 36, 501–514. https://doi.org/10.1111/jai.14038
63. Epitashvili, G., Geiger, M.F., Astrin, J.J., Herder, F., Japoshvili, B., Mumladze, L., 2020. Towards retrieving the Promethean treasure: a first molecular assessment of the freshwater fish diversity of Georgia. Biodivers. Data J. e57862. https://doi.org/https://doi.org/10.3897/BDJ.8.e57862
62. Copilaș-Ciocianu, D., Berci, G.M., Mumladze, L., 2020. First survey of shallow-water Amphipoda along the Georgian Black Sea coast reveals new faunistic records and the unexpected Atlantic invader Melita nitida. Mediterr. Mar. Sci. 21, 460–463. https://doi.org/10.12681/mms.22844
61. Mumladze, L., Szekeres, M., 2020. A second extant species of Pontophaedusa Lindholm, 1924 (Gastropoda, Pulmonata, Clausiliidae) from Georgia. Ruthenica 30, 149–154.
60. Pankvelashvili, E., Japoshvili, B., Mumladze, L., 2020. New remarkable record of Helicopsyche bacescui Orghidan and Botosaneanu, 1953 (Trichoptera, Helicopsychidae) from Georgia. Aquat. Insects 41, 184–188. https://doi.org/10.1080/01650424.2020.1737135
59. Grego, J., Mumladze, L., Falniowski, A., Osikowski, A., Rysiewska, A., Palatov, D.M., Hofman, S., 2020. Revealing the stygobiotic and crenobiotic molluscan biodiversity hotspot in Caucasus: Part I. The phylogeny of stygobiotic Sadlerianinae Szarowska, 2006 (Mollusca, Gastropoda, Hydrobiidae) from Georgia with descriptions of five new genera and twenty-one n. Zookeys 955, 1–77. https://doi.org/10.3897/zookeys.955.51983
58. Japoshvili, B., Lipinskaya, T., Gajduchenko, H., Sinchuk, A., Bikashvili, A., Mumladze, L., 2020. First DNA-based Records of New Alien Freshwater Species in the Republic of Georgia. Acta Zool. Bulg. 72, 545–551.
57. Zerbe, S., Pieretti, L., Elsen, S., Asanidze, Z., Asanidze, I., Mumladze, L., 2020. Forest restoration potential in a deforested mountain area: an ecosociological approach towards sustainability. For. Sci. 66, 326–336. https://doi.org/10.1093/forsci/fxz081
56. Mumladze, L., Japoshvili, B., Anderson, E.P., 2020. Faunal biodiversity research in the Republic of Georgia: a short review of trends, gaps, and needs in the Caucasus biodiversity hotspot. Biologia (Bratisl). 75, 1385–1397. https://doi.org/10.2478/s11756-019-00398-6
55. Vrabec Vladimír , Berishvili Tamari , Kuljanishvili Tatia, Kulma Martin , Kulmová Karolína, B.T.& M.L., 2019. Observations on the composition of butterfly fauna in regions of Svaneti and Imereti, Georgia, in: Kubík, Š., Barták, M. (Eds.), 11th Workshop on Biodiversity. Jevany, Czech republic, pp. 175–189.
54. Thormann, J., Ahrens, D., Anderson, C., Astrin, J.J., Mumladze, L., Rulik, B., Tarkhnishvili, D., Espeland, M., Geiger, M., Hein, N., Iankoshvili, G., Karalashvili, E., Mengual, X., Morkel, C., Neiber, M.T., Peters, R.S., Reimann, A., Ssymank, A., Wesener, T., Ziegler, J., Misof, B., 2019. A prelude to the Caucasus Barcode of Life Platform (CaBOL): Biodiversity Days in Georgia in 2018 and 2019. Bonn Zool. Bull. 68, 275–296. https://doi.org/10.20363/BZB-2019.68.2.275
53. Nassirkhani, M., Mumladze, L., 2019. Redescription of Roncus crassipalpus Rafalski, 1949 (Pseudoscorpiones: Neobisiidae) from western Georgia. Arachnology 18, 133. https://doi.org/10.13156/arac.2018.18.2.133
52. Nassirkhani, M., Zaragoza, J.A., Mumladze, L., 2019. A new pseudoscorpion genus from western Georgia (Pseudoscorpiones: Neobisiidae: Cornuroncus n. gen.), with a key to all Neobisiinae genera. Zootaxa 4624, 289–295. https://doi.org/http://dx.doi.org/10.11646/zootaxa.4624.2.12
51. Maraun, M., Caruso, T., Hense, J., Lehmitz, R., Mumladze, L., Murvanidze, M., Nae, J., Schulz, J., Seniczak, A., Scheu, S., 2019. Parthenogenetic vs . sexual reproduction in oribatid mite communities. Ecol. Evol. 9, 7324–7332. https://doi.org/10.1002/ece3.5303
50. Mumladze, L., Bikashvili, A., Kachlishvili, N., Grego, J., Japoshvili, B., Schniebs, K., Vinarski, M., Falniowski, A., Palatov, D., 2019. Progress towards research and conservation of Georgian freshwater molluscs. TENTACLE 27, 7–10.

49. Murvanidze, M., Mumladze, L., Todria, N., Salakaia, M., 2019. Effect of ploughing and pesticide application on oribatid mite communities. Int. J. Acarol. 45, 181–188. https://doi.org/10.1080/01647954.2019.1572222
48. Levin, B.A., Gandlin, A.A., Simonov, E.S., Levina, M.A., Barmintseva, A.E., Japoshvili, B., Mugue, N.S., Mumladze, L., Mustafayev, N.J., Pashkov, A.N., Roubenyan, H.R., Shapovalov, M., Doadrio, I., 2019. Phylogeny, phylogeography and hybridization of Caucasian barbels of the genus Barbus (Actinopterygii, Cyprinidae). Mol. Phylogenet. Evol. 135, 31–44. https://doi.org/10.1101/473173
47. Nassirkhani, M., Mumladze, L., 2019. Neobisium (Neobisium) moreoticum (Pseudoscorpiones: Neobisiidae) from Georgia. Arachnol. Mitteilungen 57, 37–42. https://doi.org/10.30963/aramit5707
46. Grego, J., Mumladze, L., 2019. Notes on vulnerability of the microendemic clausiliid species Acrotoma enguriensis from the southwestern Caucasus. TENTACLE 27, 27–29.
45. Mumladze, L., Bikashvili, A., Japoshvili, B., Anistratenko, V. V, 2019. New alien species Mytilopsis leucophaeata and Corbicula fluminalis (Mollusca, Bivalvia) recorded in Georgia and notes on other non-indigenous molluscs invaded the South Caucasus. Vestn. Zool. 53, 187–194. https://doi.org/https://doi.org/10.2478/vzoo-2019-0019
44. Japoshvili, G., Mumladze, L., 2019. New species and new records of Aphelinus Dalman (Hymenoptera: Chalcidoidea: Aphelinidae) from Lagodekhi Reserve (Sakartvelo-Georgia), with diversity and distribution along an elevational gradient. Turkish J. Zool. 43, 192–202. https://doi.org/10.3906/zoo-1802-3
43. Shapovalov, M.I., Saprykin, M.A., Japoshvili, B., Mumladze, L., 2019. Materials to the fauna of aquatic bugs of the infraorder Nepomorpha (Heteroptera) of the Javakheti Highland, Georgia. Russ. Entomol. J. 28, 120–124. https://doi.org/10.15298/rusentj.28.2.02
42. Nassirkhani, M., Mumladze, L., 2019. Notes on Roncus Microphthalmus (Daday, 1889) (Pseudoscorpiones: Neobisiidae), a polumorphic species, with a key to the Roncus species from the Middle East and the Caucasus region. Rev. Ibérica Aracnol. 34, 97–101.
41. Todria, N., Murvanidze, M., Mumladze, L., 2019. Oribatid mite communities on former clay quarries under different reclamation strategy. Ann. Agrar. Sci. 17, 304–311.
40. Murvanidze, M., Mumladze, L., Todria, N., 2019. A contribution to the knowledge of oribatid and mesostigmatic mites (Acari) with new records in Georgia. Persian J. Acarol. 8, 309–325. https://doi.org/http://dx.doi.org/10.22073/pja.v8i4.51419
39. Murvanidze, M., Todria, N., Mumladze, L., & Kalatozishvili, L. (2018). Diversity of soil mite communities in different habitats of Saskhori quarries, Georgia. Persian Journal of Acarology, 7(3), 297–305. https://doi.org/10.22073/pja.v7i3.37647
38. Nassirkhani, M., & Mumladze, L. (2018). A new cave pseudoscorpion (Pseudoscorpiones: Neobisiidae) from western Georgia. Arachnology, 17(9), 496-500. https://doi.org/10.13156/arac.2018.17.9.496
37. Kuljanishvili, T., Mumladze, L., Kalous, L., & Japoshvili, B. (2018). Fish species composition, sex ratio and growth parameters in Saghamo Lake (Southern Georgia). Biologia, 73(1), 93-100. https://doi.org/10.2478/s11756-018-0012-y
36. Gabelashvili, S., Mumladze, L., Bikashvili, A., Sroka, P., Godunko, R. J., & Japoshvili, B. (2018). The first annotated checklist of mayflies (Ephemeroptera: Insecta) of Georgia with new distribution data and a new record for the country. Turkish Journal of Zoology, 42(2), 252-262. https://doi.org/10.3906/zoo-1709-4
35. Mumladze L, Ulrich W, Asanidze Z, Japoshvili G (2017) An inverse elevational species richness gradient of Caucasian vascular plants and Encyrtidae (Hymenoptera, Chalcidoidea). Écoscience 24, 75–79. https://doi.org/10.1080/11956860.2017.1324717
34. Mumladze L, Asanidze Z, Walther F, Hausdorf B (2017) Beyond elevation: Testing the climatic variability hypothesis vs. Rapoport's rule in vascular plant and snail species in the Caucasus. Biol J Linn Soc 121, 753–763. https://doi.org/10.1093/biolinnean/blx027
33. Grego J, Hofman S, Mumladze L, Falniowski A (2017) Agrafia Szarowska et Falniowski, 2011 (Caenogastropoda: Hydrobiidae) in the Caucasus. Folia Malacologica 25, 237–247. https://doi.org/10.12657/folmal.025.025

32. Mumladze L, Murvanidze M, Maraun M (2017). Patterns of oribatid mite species diversity: testing the effects of elevation, area and sampling effort. Experimental and applied acarology 72(3), 245-262. https://doi.org/10.1007/s10493-017-0153-7
31. Aslan EG, Mumladze L, Japoshvili G (2017) List of leaf beetles (Coleoptera: Chrysomelidae) from Lagodekhi reserve with new records for Transcaucasia and Georgia. Zootaxa 4277, 86-98. https://doi.org/10.11646/zootaxa.4277.1.6
30. Japoshvili B, Mumladze L, Murvanidze L (2017) The population of Carassius gibelio (Bloch, 1782) and its parasites in Madatapa Lake (South Georgia). Iranian Journal of Fisheries Sciences 16(2), 793-799.
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