

# Astghik Samvel Ghazaryan

## Faculty of Biology

Chair of Zoology

Ամբիոնի վարիչ (դոցենտ)

☎ 45-10

✉ astghik.ghazaryan@ysu.am

📄 R<sup>6</sup> [in](#) [iD](#) [🌐](#)

## 🎓 Education

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<b>Institution</b>	Yerevan state University
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	2003 - 2005
<b>Degree name</b>	Masters

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Faculty of Biology
<b>Date</b>	1999 - 2003
<b>Degree name</b>	Bachelor

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## 🎓 Scientific Rank/degree

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<b>Institution</b>	Yerevan State University
<b>Date</b>	2018
<b>Degree name</b>	Associate professor
<b>Specialty</b>	Biological sciences

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<b>Institution</b>	Yerevan State University
<b>Date</b>	2010
<b>Degree name</b>	Candidate
<b>Specialty</b>	Biological sciences
<b>Scientific Supervisor</b>	Yavruyan E.G.
<b>Research Topic</b>	The neurogenesis of adult bats brain in Armenia

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## 🌐 Language skills

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Հայերեն Русский English Polski

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## 📁 Work experience

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2018 till now
<b>Rank/degree</b>	Docent

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## Scientific interests

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- Zoology
  - parasitology
  - taxonomy
  - ecology of mammals
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## Membership

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<b>Institution</b>	IUCN RED LIST bat specialist group
<b>Period of time</b>	2016 till now

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<b>Institution</b>	EUROBATS
<b>Period of time</b>	2016 till now

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<b>Institution</b>	WABnet
<b>Period of time</b>	2017 till now

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<b>Institution</b>	BOHRN
<b>Period of time</b>	2018 till now

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## Publications

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### *Article*

#### **Comparative hematology of the *Myotis blythii***

Hayrapetyan Tigran, Ghazaryan Astghik, Yelabekyan Ofelia, Harutyunyan Tatevik, Papov Goerge, Karalova Elena, Avetisyan Aida, Hakobyan Sona, Bayramyan Nane, Avagyan Hranush, Abroyan Liana, Hakobyan Lina, Karalyan Naira, Khachatryan Parandzem, Aghabekyan Lusine, Poghosyan Nelly, Karalyan Zaven  
Tissue and Cell 2025 102914

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### *Article*

#### **Variations of Environmental Niche Breadth, Range Sizes and Geographic Exclusion With Bat Species Richness**

Julian Oeser, Damaris Zurell, Frieder Mayer, Emrah Çoraman, Nia Toshkova, Stanimira Deleva, Ioseb Natradze, Petr Benda, Christian Dietz, Panagiotis Georgiakakis, Eran Levin, Amit Dolev, Heliana Dundarova, Astghik Ghazaryan, Sercan Irmak, Nijat Hasanov, Gulnar Guliyeva, Mariya Gritsin, Alexander Bukhnikashvil, Tobias Kuemmerle  
Journal of Biogeography 2025 e15125

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### *Article*

#### **Gender and age composition of the bezoar ibex populations in the Nagorno-Karabakh fauna**

Vahram T Hayrapetyan, Lusine G Aydinyan, Karine V Balayan, Astghik S Ghazaryan, Nonna M Grigoryan  
International Journal of Innovative Research and Scientific studies 2025 2011-2021

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*Article*

**Wetlands of Armenia: Biodiversity, Livelihoods, and Conservation**

Karen Aghababyan, Janna Akopian, Susanna Hakobyan, Mark Kalashian, Astghik Ghazaryan,  
Levon Aghasyan, Samvel Pipoyan, Noushig Zarijian, Karen Jenderedjian  
Wetlands of Mountainous Regions 2025 103-128

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*Article*

**Invasive alien species of animals in Armenia**

Marine Arakelyan, Varos Petrosyan, Samvel Pipoyan, Gayane Karagyan, Tigran Ghrejian,  
Astghik Ghazaryan, Vardan Asatryan, Marine Dallakyan, Arevik Ghrmajyan, Meri Arzumanyan,  
Mark Kalashian  
BioInvasions Records 2024 293-303

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*Article*

**Toxoplasma gondii in rodents and shrews in Armenia, Transcaucasia**

Sargis A. Aghayan, Manan V. Asikyan, Oleg Shcherbakov, Astghik Ghazaryan, Tigran Hayrapetyan,  
Alexander Malkhasyan, Hasmik Gevorgyan, Arseny Makarikov, Svetlana Kornienko, Ahmad Daryani  
International Journal for Parasitology: Parasites and Wildlife 2024 41-48

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*Article*

**The Best of Two Worlds: Using Stacked Generalisation for Integrating Expert Range Maps in Species Distribution Models**

Julian Oeser, Damaris Zurell, Frieder Mayer, Emrah Çoraman, Nia Toshkova, Stanimira Deleva,  
Ioseb Natradze, Petr Benda, Astghik Ghazaryan, Sercan Irmak, Nijat Hasanov, Gulnar Guliyeva,  
Mariya Gritsina, Tobias Kuemmerle  
Global Ecology and Biogeography 2024 1-13

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*Article*

**Distribution of bat species in Western Asia: Occurrence records from the Western Asia Bat Research Network (WAB-Net) project**

Kendra Phelps, Zahran Al Abdulasalam, Nisreen Al-Hmoud, Shahzad Ali, Mumen Alrwashdeh, Attaullah,  
Rasit Bilgin, Astghik Ghazaryan, Luke Hamel, Nijat Hasanov, Ioseb Natradze, George Papov,  
Ketevan Sidamonidze, Andrew Spalton, Lela Urushadze, Kevin Olival  
Biodiversity Data Journal 2024 e132199

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*Article*

**Effectiveness of protected areas in the Caucasus Mountains in preventing rangeland degradation**

Arash Ghoddousi, Marie Pratzer, Katarzyna E.Lewinska, Juliana Eggert, Benjamin Bleyhl,  
Hüseyin Ambarli, Marine Arakelyan, Elshad Askerov, Van Butsic, Astghik Ghazaryan, Bejan Lortkipanidze,  
Volker C. Radeloff, Tobias Kuemmerle  
Conservation Biology 2024 1-14

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*Article*

**State of knowledge of the ladybird beetle (Coleoptera, Coccinellidae) fauna of Armenia and other Transcaucasian countries, including two new country records**

Shoghik Ghazaryan, Marine Arakelyan, Astghik Ghazaryan, Jerzy Romanowski, Krzysztof Turlejski,  
Piotr Ceryngier

*Article*

**First records of bat-associated *Cimex lectularius* (Cimicidae, Heteroptera) for Armenia and Georgia**

Astghik Ghazarayan, Tigran Hayrapetyan, Ioseb Natradze, Steffen Roth

CAUCASIANA 2023 137-142

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*Article*

**Higher white-nose syndrome fungal isolate yields from UV-guided wing biopsies compared with skin swabs and optimal culture media**

Veronika Seidlova, Jiri Pikula, Miroslav Kolarik, Alena Nováková, Adela Cmokova, Astghik Ghazaryan,

Monika Nemcova, Sarka Bednarikova, Sneha Patra, Tomasz Kokurewicz, Vladimir Piacek, Jan Zukal

BMC Veterinary Research 2023 40

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*Article*

**The role of the Caucasus, Carpathian, and Dinaric-Balkan regions in preserving wolf genetic diversity**

Dragana Šnjegota, Magdalena Niedziałkowska, Astrid Vik Stronen, Tomasz Borowik, Kamila Plis,

Marine Arakelyan, Duško Ćirović, Gabriel Danila, Mihajla Djan, Astghik Ghazaryan, Zurab Gurielidze,

Tigran Hayrapetyan, Zsolt Hegyeli, Alexandros A. Karamanlidis, Natia Kopaliani, Josip Kusak,

Dmitry Politov, Maya Talala, Elena Tsingarska, Bogumiła Jędrzejewska

Mammalian Biology 2023 303-315

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*Article*

**Fauna of Armenia**

Mark Kalashian, Karen Aghababyan, Noushig Zarikian, Bardukh Gabrielyan, Marine Arakelyan,

Astghik Ghazaryan

Biodiversity of Armenia 2023 165-282

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*Article*

**Comparative staining of Rhinolophidae white blood cells in blood smears.**

Ghazaryan A.S., Adamyan S.V., Hayrapetyan T.A., Papov G. Y., Hakobyan L.H., Abroyan L.O.,

Bayramyan N.V., Hakobyan S.A., Poghosyan A.A., Torossian H., Karalyan Z.

Veterinary World 2022 750-756

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*Article*

**ФИЛОГЕОГРАФИЧЕСКИЕ АСПЕКТЫ ШИРОКОАРЕАЛЬНЫХ ВИДОВ РУКОКРЫЛЫХ, РАСПРОСТРАНЕННЫХ В БЕЛАРУСИ**

А.В. Шпак, Е.Э. Хейдорова, М.Е. Никифоров, А. Казарян, Г. Папов

Current challenges in Belarus and adjacent regions wildlife protection 2022 522-526

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*Article*

**Urinary shedding of leptospires in Palearctic bats**

Veronika Seidlova, Monika Nemcova, Jiri Pikula, Tomáš Bartonička, Tomas Heger, Astghik Ghazaryan,

Tomasz Kokurewicz, Oleg L. Orlov, Sneha Patra, Vladimir Piacek, Frantisek Tremel, Katerina Zupalova,

Jan Zukal

Transboundary and Emerging Diseases 2021 1-7

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Article

**КРИПТИЧЕСКИЙ ВИДОВОЙ КОМПЛЕКС РУКОКРЫЛЫХ PLECOTUS AURITUS/AUSTRIACUS В БЕЛАРУСИ: ВИДОВАЯ ИДЕНТИФИКАЦИЯ И ФИЛОГЕОГРАФИЧЕСКИЕ ПАТТЕРНЫ**

В. Шпак, Казарян А., А.И. Ларченко, Е.Э. Хейдорова, М.Е. Никифоров, Г. Папов, В.В. Демянчик

МОЛЕКУЛЯРНАЯ И ПРИКЛАДНАЯ ГЕНЕТИКА 2020 59-69

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Article

**Reticulate evolutionary history of a western palaeartic bat complex explained by multiple mtDNA Introgressions in Secondary Contacts**

Emrah Çoraman, Christian Dietz, Astghik Gazaryan, Elisabeth Hempel, Eran Levin, Primož Presetnik,

Maja Zagmajster, Frieder Mayer

Journal of Biogeography 2019 343-354

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Article

**Reticulate Evolutionary History of a Western Palaeartic Bat Complex Explained by Multiple mtDNA Introgressions in Secondary Contacts**

Emrah Çoraman, Christian Dietz, Ghazaryan Astghik, Elisabeth Hempel, Eran Levin, Primož Presetnik,

Maja Zagmajster, Frieder Mayer

bioRxiv 2018 1-11

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Article

**СРЕДИЗЕМНОМОРСКИЙ НЕТОПЫРЬ RPISTRELLUS KUNLII (KUNL, 1817): ХАРАКТЕРИСТИКА ВИДА В ЧАСТИ НАТИВНОГО АРЕАЛА (АРМЕНИЯ) И АНАЛИЗ ТЕРРИТОРИАЛЬНОЙ ЭКСПАНСИИ В БЕЛАРУСИ И СОПРЕДЕЛЬНЫХ СТРАНАХ**

Шпак А.В., Газарян А.С., Папов Г.Ю., Хейдорова У.Э., Ларченко А.И., Юрченко Д.Г., Айрапетян Т.А.

Актуальные проблемы охраны животного мира в Беларуси и сопредельных регионах 2018 430-436

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Manual

**Հայաստանի ողնաշարավոր կենդանիների անվանումների լատիներեն - հայերեն - ռուսերեն - անգլերեն բառարան**

Տ. Ա. Հայրապետյան, Ա. Վ. Ասլանյան, Գ. Յ. Պապով, Ա. Ս. Ղազարյան

2018 136

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Article

**Rediscovery of Armenian birch mouse, Sicista armenica (Mammalia, Rodentia, Sminthidae)**

M. Rusin, A. Ghazaryan, T. Hayrapetyan, G. Papov, A. Martynov

Vestnik Zoologii 2017 443-446

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Article

**Myotis hajastanicus is a local vicariant of a widespread species rather than a critically endangered endemic of the Sevan lake basin (Armenia)**

Dietz C., Gazaryan A., Papov G., Dundarova H., Mayer F.

Mammalian Biology 2016 518-522

<http://www.sciencedirect.com/science/journal/16165047?sdc=1>

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Monograph

**Հայաստանի հանրապետության "Էմերալդ ցանցը"**

Գ. Ֆայվոլ, Ս. Բալոյան, Ս. Առաքելյան, Կ. Աղաբաբյան, Ա. Ալեքսանյան, Ա. Ասլանյան, Ա. Ղազարյան, Մ. Հովհաննիսյան, Մ. Քալաշյան, Ս. Նահապետյան

2016 144

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Article

**Состав рациона и особенности пищевого поведения двух симпатрических видов нетопырей в Армении**

А.С. Казарян, В.В. Арутюнян, Г.Ю. Папов, Э.В. Абемян

Plecotus et al 2015 9-13

<http://zmmu.msu.ru/bats/plecotus/plecot18.htm>

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Article

**Определение индекса упитанности некоторых видов рукокрылых (Chiroptera) Азохской пещеры**

А.С. Казарян, В.В. Арутюнян, Г.Ю. Папов

Plecotus et al 2014 37-42

<http://zmmu.msu.ru/bats/plecotus/plecot18.htm>

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Conference

**Preliminary data on mammal diversity of surrounding territory of Tatev Monastery**

Ghazaryan A.S., Papov G.Y., Hayrapetyan T. A.

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Conference

**Phylogenetic position of the Caucasian wolves (*Canis lupus*) compared to the European and Siberian populations of the species**

Astghik Ghazaryan, Kamila Plis, Sylwia Czarnomska, Tomasz Borowik, Magdalena Niedziałkowska,

Innokentiy M. Okhlopkov, Tigran Hayrapetyan, Mamikon Kasabian, Natia Kopaliani, Zurab Gurielidze,

Bogumiła Jędrzejewska

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Conference

**Genetic diversity of Altai vole *Microtus arvalis* "obscurus" in Armenia**

Tigran HAYRAPETYAN, George PAPOV, Astghik GHAZARYAN, Iwona RUCZYNSKA, Joanna STOJAK,

Jan Marek WOJCIK

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Conference

**Evolutionary history of *Myotis nattereri* sensu lato with a special focus on the caucasus region**

Emrah Çoraman, Christian Dietz, Elisabeth Hempel, Astghik Ghazaryan, Eran Levin, Primož Presetnik,

Maja Zagmajster, Frieder Mayer

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Conference

**New data on distribution of *Pipistrellus kuhlii* in Armenia**

Angin Grigoryan, George Papov, Tigran Hayrapetyan, Astghik. Ghazaryan

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Conference

**Habitat selection and diet composition of serotine bat (*Eptesicus serotinus*) in Armenia**

Vadim Harutyunyan, George Papov, Astghik Ghazaryan

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Conference

**Development of Standardized Biodiversity Monitoring Programs for Two Protected Areas in Armenia**

Ghazaryan A., Hayrapetyan T., Aslanyan A., Papov G., Arakelyan M.

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Conference

**The ectoparasites of bats dwelling in Armenia**

Astghik Ghazaryan, Tehmine Harutyunyan, Ofik Yelabekyan, Georgi Papov, Tigran Hayrapetyan,

Oleg Shcherbakov

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Conference

**Molecular detection of filarial infection in bat ectoparasites**

Sarka BEDNARIKOVA, Jiri PIKULA, Ondrej DANEK, Heliana DUNDAROVA, Astghik GHAZARYAN,

Nadya IVANOVA-ALEKSANDROVA, Sophio MAGLAKELIDZE, Monika NEMCOVA, Veronika TURANKOVA,

Katerina ZUKALOVA, Jan ZUKAL

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Conference

**First Record of Coronaviruses in Bats of Armenia**

Astghik GHAZARYAN, Kendra PHELPS, Tigran HAYRAPETYAN, Georgi PAPOV, Ofik YELABEKYAN,

Vanuhi HAMBARDZUMYAN, Tatev HARUTYUNYAN, Anna TADEVOSYAN, Seda ADAMYAN,

Nisreen AL HMOUD, Mu'men ALRWASHDEH, Amany ABDIEN, Ghadeer ALZGHOUL, Luke HAMEL,

Kevin OLIVAL

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Conference

**Synanthropic bats in Yerevan city**

Tatevik HARUTYUNYAN, Anna TADEVOSYAN, Georgi PAPOV, Astghik GHAZARYAN

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Conference

**Higher Pseudogymnoascus destructans isolate yields from UV-guided wing biopsies compared with skin swabs and optimal culture media**

Veronika SEIDLOVAa, Jiri PIKULA, Miroslav KOLARIK, Alena NOVÁKOVÁ, Adela CMOKOVA,

Astghik GHAZARYAN, Monika NEMCOVA, Sarka BEDNARIKOVA, Tomasz KOKUREWICZ, Vladimir PIACEK,

Jan ZUKAL

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Conference

**Research of ectoparasites of bats dwelling in Armenia**

Astghik GHAZARYAN, Ofik YELABEKYAN, Tehmine HARUTYUNYAN, Tatev HARUTYUNYAN,

Anna TADEVOSYAN, Seda ADAMYAN, Georgi PAPOV, Tigran HAYRAPETYAN, Oleg SHCHERBAKOV

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Conference

**Detection of bacterial and protozoan pathogens in bats' ectoparasites in Armenia using high-throughput microfluidic real-time PCR**

Gohar G. Grigoryan, Astghik Ghazaryan, Oleg Shcherbakov, Sargis A. Aghayan, Clemence Galon,

Marion Fayet, Sara Moutailler

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Conference

**Distribution of Microtus levis and Microtus arvalis species in Armenia**

Tigran Hayrapetyan, George Papov, Astghik Ghazaryan

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Conference

**Distribution of lynx (Lynx lynx) in Armenia**

Ofik Yelabekyan, Alik Malkhasyan, Karen Manvelyan, Tigran Hayrapetyan, Astghik Ghazaryan

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*Conference*

**New data on the family Soricidae in Armenia**

George Papov, Tigran Hayrapetyan, Astghik Ghazaryan

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