

Astghik Samvel Ghazaryan

Faculty of Biology

Chair of Zoology

Head of the chair, associate professor

☎ 45-10

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📄 R⁶ [in](#) [iD](#) [🌐](#)

🎓 Education

Institution	Yerevan state University
Faculty	Faculty of Biology
Date	2003 - 2005
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology
Date	1999 - 2003
Degree name	Bachelor

🎓 Scientific Rank/degree

Institution	Yerevan State University
Date	2018
Degree name	Associate professor
Specialty	Biological sciences

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

🌐 Language skills

Հայերեն Русский English Polski

📁 Work experience

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

Scientific interests

- Zoology
 - parasitology
 - taxonomy
 - ecology of mammals
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Membership

Institution	IUCN RED LIST bat specialist group
Period of time	2016 till now

Institution	EUROBATS
Period of time	2016 till now

Institution	WABnet
Period of time	2017 till now

Institution	BOHRN
Period of time	2018 till now

Publications

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

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

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

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

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

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

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

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

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

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

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

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

Article

Fauna of Armenia

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

Astghik Ghazaryan

Biodiversity of Armenia 2023 165-282

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

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

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

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

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

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

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

Manual

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

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

2018 136

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

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>

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

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>

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>

Conference

Preliminary data on mammal diversity of surrounding territory of Tatev Monastery

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

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. Okhlopov, Tigran Hayrapetyan, Mamikon Kasabian, Natia Kopaliani, Zurab Gurielidze,

Bogumiła Jędrzejewska

Conference

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

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

Jan Marek WOJCIK

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

Conference

New data on distribution of *Pipistrellus kuhlii* in Armenia

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

Conference

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

Vadim Harutyunyan, George Papov, Astghik Ghazaryan

Conference

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

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

Conference

The ectoparasites of bats dwelling in Armenia

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

Oleg Shcherbakov

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

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

Conference

Synanthropic bats in Yerevan city

Tatevik HARUTYUNYAN, Anna TADEVOSYAN, Georgi PAPOV, Astghik GHAZARYAN

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

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

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

Conference

Distribution of Microtus levis and Microtus arvalis species in Armenia

Tigran Hayrapetyan, George Papov, Astghik Ghazaryan

Conference

Distribution of lynx (Lynx lynx) in Armenia

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

Conference

New data on the family Soricidae in Armenia

George Papov, Tigran Hayrapetyan, Astghik Ghazaryan
