Astghik Samvel Ghazaryan

Faculty of Biology
Chair of Zoology
Head of Chair (Associate Professor)

Faculty of Biology
Chair of Zoology
Head of Chair (Associate Professor)

Faculty of Biology
Research Institute of Biology
Wildlife Disease Research Group
Group Leader

37494938316
45-10

astghik.ghazaryan@ysu.am

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

Date	2018
Degree name	Associate professor

Institution	Yerevan State University
Date	2010
Degree name	Candidate
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

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

A pseudochromosomal reference genome of the golden jackal, Canis aureus
Sven Winter, René Meißner, Stefan Prost, Carola Greve, Charlotte Gerheim, Marine Arakelyan, Sargis A Aghayan, Astghik Ghazaryan, Jennifer Hatlauf, Pamela A Burger
Journal of Heredity 2026 901-907
https://doi.org/10.1093/jhered/esag021

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 Zarikian, Karen Jenderedjian

Wetlands of Mountainous Regions 2025 103-128

Conference

Distribution of Microtus levis and Microtus arvalis species in Armenia
Tigran Hayrapetyan, George Papov, Astghik Ghazaryan

2025 278 - 278

https://ecm9.com/

Conference

Distribution of lynx (Lynx lynx) in Armenia
Ofik Yelabekyan, Alik Malkhasyan, Karen Manvelyan, Tigran Hayrapetyan, Asthgik Ghazaryan

2025 285 - 285

https://ecm9.com

Conference

New data on the family Soricidae in Armenia
George Papov, Tigran Hayrapetyan, Astghik Ghazaryan

2025 282 - 282

https://ecm9.com/

Article

Invasive alien species of animals in Armenia
Marine Arakelyan, Varos Petrosyan, Samvel Pipoyan, Gayane Karagyan, Tigran Ghrejyan,

Astghik Ghazaryan, Vardan Asatryan, Marine Dallakyan, Arevik Ghrmajyan, Meri Arzumanyan,

Mark Kalashian

BioInvasions Records 2024 293–303

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

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

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

Effectiveness of protected areas in the Caucasus Mountains in preventing rangeland degradation
Arash Ghoddousi, Marie Pratzer, Katarzyna E.Lewinska, Juliana Eggers, 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

ZooKeys 2024 71 - 102

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

2024 60 - 61

https://www.congressos.urv.cat/ebrs-2024/abstracts-guidelines

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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

2024 86 - 86

https://www.congressos.urv.cat/ebrs-2024/abstracts-guidelines

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Conference

Synanthropic bats in Yerevan city
Tatevik HARUTYUNYAN, Anna TADEVOSYAN, Georgi PAPOV, Astghik GHAZARYAN

2024 97 - 97

https://www.congressos.urv.cat/ebrs-2024/abstracts-guidelines

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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
2024 140 - 140

https://www.congressos.urv.cat/ebrs-2024/abstracts-guidelines

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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

2024 183 - 183

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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

2024 64 - 64

https://www.oegtpm.at/

Article

First records of bat-associated Cimex lectularius (Cimicidae, Heteroptera) for Armenia and Georgia
Astghik Ghazarayan, Tigran Hayrpetyan, 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

Conference

The ectoparasites of bats dwelling in Armenia

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

Oleg Shcherbakov

2023 1

https://www.wabnet.org/the-network/inaugural-western-asia-bat-research-conferen...

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 Treml, Katerina Zukalova,

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 palaearctic 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 Palaearctic 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 PIPISTRELLUS KUHLII (KUHL, 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

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

2018 7-8

http://armbat.org

Conference

New data on distribution of Pipistrellus kuhlii in Armenia
Angin Grigoryan, George Papov, Tigran Hayrapetyan, Astghik. Ghazaryan

2018 10

http://armbat.org

Conference

Habitat selection and diet composition of serotine bat (Eptesicus serotinus) in Armenia
Vadim Harutyunyan, George Papov, Astghik Ghazaryan

2018 12

http://armbat.org

Study 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

Conference

Development of Standardized Biodiversity Monitoring Programs for Two Protected Areas in Armenia
Ghazaryan A., Hayrapetyan T., Aslanyan A., Papov G., Arakelyan M.

2017 192-193

https://iemt.ru/konferenciya-gornye-ekosistemy-i-ix-komponenty-2017/

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

Conference

Preliminary data on mammal diversity of surrounding territory of Tatev Monastry
Ghazaryan A.S., Papov G.Y., Hayrapteyan T. A.

2016 95-96

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

2016 57

http://www.czga.ro/

Conference

Genetic diversity of Altai vole Microtus arvalis “obscurus” in Armenia
Tigran HAYRAPETYAN, George PAPOV, Astghik GHAZARYAN, Iwona RUCZYNSKA, Joanna STOJAK,

Jan Marek WOJCIK

2016 56

http://www.czga.ro/

Monograph

Հայաստանի հանրապետության "Էմերալդ ցանցը"
Գ. Ֆայվուշ, Ս. Բալոյան, Մ. 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. Абелян

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
