



**Arsen Gasparyan**  
**CURRICULUM VITAE**

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**Educational background:**

**1990 – 2000** Secondary school after Khachik Dashtents #114  
**2004 – 2008** BSc., Faculty of Biology, Yerevan State University  
**2008 – 2010** MSc. Faculty of Biology, Yerevan State University  
**2012 – 2016** Doctorate student at the Botanischen Garten und  
Botanisches Museum Berlin-Dahlem,  
Freie Universitat, Berlin (Germany)  
**2017** Doctor of Natural Sciences (Dr. rer. nat.; grade: Magna cum laude),  
Freie Universitat, Berlin, (Germany). Title of thesis: "Epiphytic Lichen  
Diversity and Conservation in Armenia"  
**2013 – 2016** Member of Dahlem Centre of Plant Sciences, Freie Universität Berlin

**Service experience:**

**2001 – 2003** Military service (Armed Forces of the Republic of Armenia)

**Work experience:**

**2007 – 2008** Laboratory assistant, Department of Botany,  
Faculty of Biology, Yerevan State University

<b>2008 – 2012</b>	Senior laboratory assistant, Department of Botany, Faculty of Biology, Yerevan State University
<b>2009 – 2016</b>	President of “Young Biologists Association” NGO
<b>2016 – till now</b>	Head of Biodiversity Research and Conservation Group of the Armenian Society of Biologists NGO
<b>2016 – 2018</b>	National project coordinator of the project "Leopard conservation in the Southern Caucasus", WWF-Armenia
<b>2017 – 2020</b>	Project coordinator of the "Barev Trails" ecotourism development project
<b>2018 – 2020</b>	Conservation officer at the WWF-Armenia
<b>2020 – till now</b>	Head of the Lichen Research and Conservation Group, A. L. Takhtajyan Institute of Botany NAS RA
<b>2019– till now</b>	Co-founder and CEO of the AR Trails start-up

#### **Conferences, trainings, workshops:**

- Participation in the “Nature Conservationists School”, Doga Dernegi (BirdLife International), 2009, Kars/Rise, Turkey.
- Participation in the “Environmental Leadership Camp” workshop, 350.org/Open Society Institute, 2010, Thsaghkadzor, Armenia.
- Participation in the 9<sup>th</sup> International Mycological Congress, 2010, Edinburgh, UK.
- Participation in the 2<sup>nd</sup> School of Young Environmentalists of Commonwealth of Independent States, ISEU, 2011, Minsk, Belarus.
- Participation in the UN-HABITAT Urban Youth Fund’s International Training (in project management, financial management, monitoring and evaluation, engaging local elected leaders), 2012, Cairo, Egypt.
- Participation in the “Basics of GIS in Biological Sciences” Young Scientists’ School, 2013, Yerevan, Armenia.
- Participation in the course "Lichen ecology and biology", Swedish University of Agricultural Sciences, 3-8 May 2015, Uppsala, Sweden.
- Participation in the Klaus Toepfer Fellowship Programme for future leaders in nature conservation (400 training hours, 110 hours of preparatory work, transfer project), German Federal Agency for Nature Conservation (BfN), 2015-2017, Germany.
- Participation in the training of trainers (TOT) in the training "Integrating Ecosystem Services into Development Planning", GIZ, 29 May – 01 of June 2017, Tbilisi, Georgia.
- Participation in the Beahrs Environmental Leadership Program (Summer Certificate Course in Sustainable Environmental Management), University of California, 06 – 27 July, 2018, Berkeley, USA.
- Participation in the "Conservation Asia 2018" conference, Society for Conservation Biology, 2018, Bishkek, Kyrgyzstan.
- Participation in the Recreation (nature-based tourism) Infrastructure Study Tour, US Forest Service International Programs, 20 April – 01 May 2019, Utah-Nevada, USA.

#### **Grants and awards:**

- RA Governmental Fellowship for BSc. students, Armenia (Full scholarship for Bachelor’s degree).
- RA Governmental Fellowship for MSc. students, Armenia (Full scholarship for Master’s degree).
- Principal Investigator (PI) of equipment grant (project: Biodiversity and conservation of mushrooms in areas of recreation in Armenia), IDEA WILD, 2009.

- PI of the project “Environmental Education Program: fungal and plants biodiversity, conservation and ecotourism development in Armenia”, Nagao Natural Environment Foundation (NEF), 2010.
- Co – Investigator of the project “Conservation of Threatened Reptiles of Ararat Valley”, The Mohamed bin Zayed Species Conservation Fund, 2011.
- Co – Investigator of the project “Development and Implementation of Conservation Measures for a Unique Lizard Population: The Racerunner *Eremias Arguta Transcaucasica* in Armenia”, Rufford Small Grants Foundation, 2011.
- PI of the project “Study of Lichen Diversity in the "Dilijan" National Park, Armenia”, The Explorers Club Exploration Fund, 2012.
- PI of the project “Assessment of the epiphytic lichen biota and its conservation needs in the “Dilijan” National Park, Armenia”, The Rufford Foundation, 2012.
- Research fellowship (In the framework of project: Developing Tools for Conserving the Plant Diversity of the Transcaucasus) for 10-month research in Berlin Botanical Garden and Museum, Free University, Berlin Germany, 2012.
- Research Grant for Doctoral Students and Young Scientists for 3-month research in Berlin Botanical Garden and Museum, Free University, Berlin Germany, DAAD, 2012.
- Researcher of the project “Study of wild-growing *Pyrus* species and their epiphytic lichen diversity in southern Armenia”, Armenian National Science and Education Fund, 2013.
- PhD Scholarship for 3-year doctoral studies in Berlin Botanical Garden and Museum, Free University, Berlin Germany, DAAD, 2013.
- PI of the project “Assessment of Several Epiphytic Lichens Conservation Status and Development of the National Red List for Armenia”, The Mohamed bin Zayed Species Conservation Fund, 2014.
- PI of the project “The Lichens Education and Conservation Initiative in Armenia”, The Rufford Foundation, 2015.
- PI of the project “Research and conservation of epiphytic lichens in the several Important Plant Areas of Armenia”, The Rufford Foundation, 2018.
- The WWF Prince Bernhard Scholarship (PBS) for Nature Conservation, WWF International, 2018.
- PI of the 2-year project “Synthesis technology, synthesis and trials of the complex fertilizers for the use in foliar feeding”, RA MESCS Science Committee, 2020.
- PI of the 3-year project “Research and conservation of lichens in Armenia” RA MESCS Science Committee, 2020.

#### **Related professional experience:**

- Coordinator of the International Students Conference on Life Science dedicated to the 90th anniversary of Yerevan State University and 75th anniversary of Faculty of Biology. 2009.
- Coordinator of the “Earth Day 2010 Armenia” environmental campaign, Earth Day Network/ Young Biologists Association NGO, 2010.
- Coordinator of Let’s do it! Armenia pan-Armenian volunteer’s movement (representative of Let’s do it! World in Armenia), Young Biologists Association NGO, 2012.
- Trainer on ecotourism and biodiversity in the youth eco-camp "EcoKhndzristan", Artsakh Youth Development Center / Young Biologists Association NGO, July 21-26, 2014.
- Trainer on ecotourism in the youth exchange programme (Youth in Action) "Uniting Youth for Biodiversity", Young Biologists Association NGO, 2014.
- Coordinator of “International Lichenological Excursion to Armenia”, Young Biologists Association NGO and Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area (OPTIMA), 15–24 June 2015.

- Trainer on ecotourism in the project "Development of ecotourism and youth employment in Zarithap, Gomk and Martiros communities of Vayots Dzor province", Young Biologists Association, 2015.
- Trainer and consultant on ecotourism in protected areas in the cognitive project "Ecotourism in Armenia", "Doctor Cinema" NGO, 2015.
- Expert on Protected Areas for Technical Audit of CNF -funded projects in Dilijan National Park, Khosrov Forest State Reserve, CNF, 2015.
- Trainer on protected areas and biodiversity in the training on forest protected areas, monitoring of species and related topics for various stakeholders, World Bank/WWF – Armenia, 2016.
- Short-term consultant for assignment "Preparation of materials on biodiversity monitoring definition in Armenia and CBD requirements on it", GIZ, 2017.
- Trainer on ecosystem services in the training "Integrating Ecosystem Services into Development Planning", GIZ, 5-8 June 2017.
- Expert on Protected Areas for Technical Audit of CNF -funded projects in Zangezur Biosphere Complex and Khosrov Forest State Reserve, CNF, 2017.
- Expert on Protected Areas for Technical Audit of CNF -funded projects in Zangezur Biosphere Complex and Khosrov Forest State Reserve, CNF, 2018.
- Short-term consultant for assignment "Preparation and moderation of a needs assessment for Tsaghkahovit and Aparan consolidated communities related to their environmental and socio-economic challenges and needs", GIZ, 2018.
- Short-term consultant for assignment "Assistance in elaboration of 5-years-development plans of Aparan and Tsakhkahovit communities", GIZ, 2018.
- Trainer on biodiversity, protected areas and ecotourism in the environmental training in TUC, Dsegh, Lori Province, NGO Center, July-August, 2019.
- Expert on Protected Areas for Technical Audit of CNF -funded projects in Zangezur Biosphere Complex and Khosrov Forest State Reserve, CNF, 2019.
- Trainer on biodiversity, protected areas and ecotourism in the Community Youth Clubs Camp in Marmarashen, Shirak Province, American University of Armenia, 15-25 July 2019.
- Advisor on preparation of "Sustainable Ecotourism Development Plan for Khosrov Forest State Reserve, Armenia Assessment, Strategy and Action Plan", Transboundary Joint Secretariat, January, 2020.
- Expert for Assessing the Management Effectiveness in 2016 and 2019 of 7 Protected Areas Acting under "Zangezur Biosphere Complex" SNCO, using Management Effectiveness Tracking Tool/METT, March-July 2020.
- Team lead and biodiversity expert on preparation of "Baseline study of biodiversity and environmental situation for the "Gagarin" development project", "DAR Foundation of Regional Development and Competiveness" Fund, August 2020.
- Environmental Expert of the project "Development of concept for the Heritage Hub regeneration in Areni and adjacent Villages", A.R.S.Progetti (Italy) / Arpa Environmental Foundation (Armenia), February-April, 2020.

**Membership in societies/associations:** International Lichenological Association (IAL), International Society for Fungal Conservation, Board Member of the Armenian Society of Biologists NGO, US Government International Exchange Alumni, DAAD-AADL Alumni.

**Language Skills:** Armenian (native), Russian (fluent), English (good), German (A1 level)

**Driving License:** Category B (cars)

## **Publications:**

### ***Peer-reviewed journal articles***

**Gasparyan A.** & Sipman H. 2020. The first record of *Lobaria pulmonaria* from Armenia. – *Herzogia* 33: 554–558.

**Gasparyan A.**, Sipman, H., Marini, L., & Nascimbene, J. (2018). The inclusion of overlooked lichen microhabitats in standardized forest biodiversity monitoring. – *The Lichenologist*, 50(2), 231-237.

**Gasparyan A.**, Sipman H., & Lücking R. 2017. *Ramalina europaea* and *R. labiosorediata*, two new species of the *R. pollinaria* group (Ascomycota: Ramalinaceae), and new typifications for *Lichen pollinarius* and *L. squarrosus*. – *The Lichenologist*, 49(4): 301-319.

**Gasparyan A.** & Aptroot A. 2016. *Verrucaria juglandis*, a new corticolous lichen species from Armenia. – *Herzogia* 29: 103–107.

Zakeri, Z., **Gasparyan A.** & Aptroot A. 2016. A new corticolous *Megaspora* (*Megasporaceae*) species from Armenia. – *Willdenowia* 46 (2): 245–251.

**Gasparyan A.**, Aptroot A., Burgaz A. R., Otte V., Zakeri Z., Rico V. J., Araujo E., Crespo A., Divakar P. K. & Lumbsch H. T. 2016. Additions to the lichenized and lichenicolous mycobiota of Armenia. – *Herzogia* 29(2):692-705.

**Gasparyan A.** Aptroot A., Burgaz A. R., Otte V., Zakeri Z., Rico, V. J. Araujo, E., Crespo A., Divakar P. K. & Lumbsch H. T. 2015. First inventory of lichens and lichenicolous fungi in the Khosrov Forest State Reserve, Armenia. – *Fl. Medit.* 25: 105-114.

**Gasparyan A.**, Sipman H. J. M. & Brackel W. von. 2014. A contribution to the lichen-forming and lichenicolous fungi flora of Armenia. – *Willdenowia* 44: 263 – 267.

**Gasparyan A.** & Sipman H. J. M. 2013. New lichen records from Armenia – *Mycotaxon* 123: 491 (link page).

**Gasparyan A. H.** & Ghaltaghchyan Ts. K. 2013. Proposed standard designations in Armenian for lichens occurring in the Republic of Armenia – *Fl. Medit.* 23: 105-116.

### ***Books and Monographs***

**Gasparyan A.** The List of Epiphytic Lichens Proposed for Registration in the Red Book of the Republic of Armenia. - Yerevan: Author's publication, 2016. pp. 28. ISBN 978-9939-0-2024-2.

**Gasparyan A.** & Sipman H. J. M. 2016. The Epiphytic Lichenized Fungi in Armenia: Diversity and Conservation. – *Phytotaxa*, [S.l.], v. 281, n. 1, p. 1–68. ISSN 1179-3163.

### ***Conference abstracts***

**Gasparyan A.** & Sipman H. J. M. 2016. Epiphytic Lichen Conservation in Armenia – Abstract book of the 8th IAL Symposium "Lichens in Deep Time".

**Gasparyan A.** & Sipman H. Preliminary Survey of Lichens on Ancient Churches in Etchmiadzin, Armenia // Book of Abstracts of the First Conference on Biodeterioration of Historical and Cultural Heritage, 2013, Tehran, Iran

Nanagulyan S., Shahazizyan I., **Gasparyan A.**, Stepanyan A. Herbarium of Yerevan State University: Lichen Collection // Book of Abstracts of the 7th Symposium of the International Association for Lichenology, 2012, Bangkok, Thailand.

Nanagulyan S.G., Margaryan L.V., **Gasparyan A.H.** Fungal biodiversity and conservation in Arzakan-Meghradzor State Sanctuary, Armenia // CD of Abstracts of 9th International Mycological Congress: The Biology of Fungi. 2010, Edinburgh, UK.

Arakelyan M.S., **Gasparyan A.H.** An urgent application of conservation measures for endangered semi-desert ecosystem of Armavir region // Abstract Book of 24<sup>th</sup> Annual Meeting of the Society for Conservation Biology, 2010, Alberta, Canada.

Nanagulyan S.G., Babayan M.Yu., Margaryan L.V., **Gasparyan A.H.** Monitoring of the fungal poisoning on the territory of Armenia and possible measures for prevention // Int. J. of Immunopathology, Allergology, Infectology. 2010, № 1, Moscow, the Russian Federation.

### ***Other publications***

Conservation and Ecotourism in Armenia. Exhibition catalogue "Caucasus – Plant Diversity between the Black and Caspian Seas" (eds. G. Parolly, K. Grotz & H.W. Lack). Berlin, BGBM, pp 45-47.

Rambold, G., Elix, J. A., Nash III, T. H., Zedda, L. (eds.) 2001 onwards [last visited: 2013-05-28]. LIAS light – A Database for Rapid Identification of Lichens. Translated by Ciurchea, D. (Romanian), Cossu, T. (Italian), Davydov, E. A. (Russian), **Gasparyan, A.H. (Armenian)**, Gonzáles, I. & Téllez, I. (Portuguese), Kis-Papo, T. (Hebrew), Moske, N. (Turkish), Muhambetalieva, G. A. (Kyrgyz, Uzbek), Nöske, N. (German), Osyczka, P. J. (Polish), Roux, C. (Esperanto, French), Şenkardeşler, A. (Turkish), Sohrabi, M. (Armenian, Farsi, Turkish), Vargas Castillo, R. & Sanz, V. (Spanish), Wei, J. & Wei, X. L. (Chinese). – [liaslight.lias.net/](http://liaslight.lias.net/).