

Ketevan Batsatsashvili

cv

email adress:

ketevan_batsatsashvili@iliauni.edu.ge

Education & Academic Degrees

Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia	2000-2005
Academic Degree – Candidate of Biology	2005
Specialization - Botany	
Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia	1997-1999
Master of Biology	1999
Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia	1993-1997
Bachelor of Biology	1997

Work experience

Ilia State University, Tbilisi, Georgia School of Natural Sciences and Engineering Associate Professor	2013-
Ilia State University, Tbilisi, Georgia Faculty of Life Sciences Assistant Professor	2008-2013
Institute of Botany of Ilia State University (formerly Institute of Botany of the Georgian Academy of Sciences) Researcher	2004-2012
Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia Chair of Botany of the Faculty of Biology Researcher	2001-2005

Research Interests

Plant and lichen diversity, ecology, population monitoring, extinction risk assessment (Red Listing)
Ethnobiology of the Caucasus

Membership of Professional Societies / Other Activities

Caucasus Plant Red List Authority, IUCN Species Survival Commission Support Staff	2007-
Scientific Journal Caucasiona Deputy Editor	2021-

Languages

Georgian (native); English; Russian; Spanish (basic)

Publications (2012-2024)

Books / Book Chapters

- Nakhutsrishvili, G., Abdaladze, O., Batsatsashvili, K., Dzadzamia, L. 2023. Natural Forests of Georgia. Publishing House of Ilia State University. 224p.
- Bussmann, R.W., Batsatsashvili, K., Kikvidze, Z., Paniagua Zambrana, N.Y., Khutsishvili, M., Maisaia, I., Sikharulidze, Sh., Tchelidze, D. et al. 2020. Ethnobotany of the Mountain Regions of Far Eastern Europe. Batsatsashvili, K., Kikvidze, Z. Bussmann, R.W. (eds.). Springer. 1063p.
- Bussmann, R.W., Batsatsashvili, K., Kikvidze, Z. et al. 2020. Ethnobotany of the Mountain Regions of Central Asia and Altai. Batsatsashvili, K., Kikvidze, Z. Bussmann, R.W. (eds.). Springer. 881p.
- Bussmann, R.W., Batsatsashvili, K., Kikvidze, Z., Khutsishvili, M., Maisaia, I., Sikharulidze, Sh., Tchelidze, D., Fayvush, G., Alexanyan, A., Mehdiyeva, N.P., Alizade, V.M., Paniagua Zambrana, N.Y. 2017. Ethnobotany of the Caucasus. Bussmann, R.W. (ed.). Springer. 708p.
- Nakhutsrishvili, G., Batsatsashvili, K. 2017. Quantitative analysis of the phytosociological relevés from the Central Greater Caucasus. In: Nakhutsrishvili, G., Abdaladze O., Batsatsashvili K., Körner Ch., Spehn E. (eds.) Plant Diversity in the Central Great Caucasus: A Quantitative Assessment. Springer, pp. 113-132.
- Nakhutsrishvili, G., Batsatsashvili, K., Rudmann-Maurer, K., Körner, Ch., Spehn, E. 2017. New Indicator values for Central Caucasus flora. In: Nakhutsrishvili, G. Abdaladze O., Batsatsashvili K., Körner Ch., Spehn E. (eds.) Plant Diversity in the Central Great Caucasus: A Quantitative Assessment, Springer, pp. 145-160.

Papers in scientific journals

- Dengler, J., Jansen, F., Chusova, O., Hüllbusch, E., Nobis, M.P., Van Meerbeek, K., Akhmanová, I., Bruun, H.H., Chytrý, M., Guarino, R., Karrer, G., ..., Batsatsashvili, K., ..., Nakhutsrishvili, G. et al. 2023. Ecological Indicator Values for Europe (EIVE) 1.0. *Vegetation Classification and Survey* 4: 7-29.
- Novák, P., Kalníková, V., Szokala, D., Aleksanyan, A., Batsatsashvili, K., Fayvush, G., Kolbaia, S., Nakhutsrishvili, G., Sedláček, V., Štěrba, T., Zukal, D. 2023. Transcaucasian Vegetation Database – a phytosociological database of the Southern Caucasus. *Vegetation Classification and Survey* 4: 231-240.
- Jorjadze, A., Bussmann, R.W., Zambrana, N.Y., Batsatsashvili, K., Svanidze, E. 2023. Traditional use of Polypores in Georgia (the Caucasus). *Ethnobotany Research and Applications* 26: 1-8.
- Inashvili, Ts., Kupradze, I., Batsatsashvili, K. 2022. A revised catalogue of lichens of Georgia (the South Caucasus). *Acta Mycologica* 57: 46.
- Murtazaliev, R., Anatov, Dzh., Ekhvaia, J., Guseinova, Z., Batsatsashvili, K. 2020. Intraspecific variability of some functional traits of *Trigonocaryum involucreatum* (Steven) Medw., a Caucasus endemic plant. *Botanica Serbica* 44(2): 129-136.
- Zenderland, J., Hart, R., Bussmann, R.W., Paniagua Zambrana, N.Y., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Khutsishvili, M., Batsatsashvili, K. 2019. The Use of "Use Value": Quantifying Importance in Ethnobotany. *Economic Botany* 73(3), 293-303.
- Bussmann, R.W., Zambrana, N.Y.P., Sikharulidze Sh., Kikvidze Z., Kikodze, D., Tchelidze, D., Batsatsashvili, K., Hart, R.E. 2018. Unequal brothers—Plant and fungal use in Guria and Racha, Sakartvelo (Republic of Georgia), Caucasus. *Indian Journal of Traditional Knowledge* 17(1): 7-33.
- Kupradze, I., Inashvili, Tz., Batsatsashvili, K., Lachashvili, N., Gabelashvili, S. 2018. Lichens of the arid region of David Gareji, Georgia (South Caucasus). *Herzogia* 31(1): 268–275.
- Bussmann, R.W., Zambrana, N.Y.P., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Batsatsashvili, K., Hart, R.E. 2017. Ethnobotany of Samtskhe-Javakheti, Sakartvelo (Republic of Georgia), Caucasus. *Indian Journal of Traditional Knowledge* 16 (1):7-24.
- Bussmann, R.W., Zambrana, N.Y.P., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Batsatsashvili, K., Hart, R.E. 2017. Plants in the spa – the medicinal plant market of Borjomi, Sakartvelo (Republic of Georgia), Caucasus. *Indian Journal of Traditional Knowledge* 16(1): 25-34.
- Bussmann, R.W., Paniagua-Zambrana, N.Y., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Batsatsashvili, K., Hart, R.E., 2017. Plant and fungal use in Tusheti, Khevsureti, and Pshavi, Sakartvelo (Republic of Georgia), Caucasus. *Acta Societatis Botanicorum Poloniae* 86(2):45.
- Bussmann, R.W., Zambrana, N.Y.P., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Khutsishvili, M., Batsatsashvili, K., Hart, R.E., 2016. A comparative ethnobotany of Khevsureti, Samtskhe-Javakheti, Tusheti, Svaneti, and Racha-Lechkhumi, Republic of Georgia (Sakartvelo), Caucasus. *Journal of ethnobiology and ethnomedicine* 12(1): 43.

- Bussmann, R.W., Paniagua Zambrana, N.Y., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Batsatsashvili, K. and Hart, R.E., 2016. Medicinal and food plants of Svaneti and Lechkhumi, Sakartvelo (Republic of Georgia), Caucasus. *Med Aromat Plants* 2016, 5(266): 2167-0412.
- Bussmann, R.W., Zambrana, N.Y.P., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Khutsishvili, M., Batsatsashvili, K., Hart, R.E. and Pieroni, A., 2016. Your Poison in My Pie—the Use of Potato (*Solanum tuberosum* L.) Leaves in Sakartvelo, Republic of Georgia, Caucasus, and Gollobordo, Eastern Albania. *Economic Botany* 70(4), pp.431-437.
- Kupradze, I., Jorjadze, A., Arabidze, A., Beltadze, T., Batsatsashvili, K., Paniagua Zambrana, N. Y., Bussmann, R. W. 2015. Ethnobiological Study of Svaneti Fungi and Lichens: History of Research, Diversity, Local Names and Traditional Use. *American Journal of Environmental Protection. Special Issue: Applied Ecology: Problems, Innovations* 4(3-1): 101-110.
- Abdaladze, O., Nakhutsrishvili, G., Batsatsashvili, K., Gigauri, Kh., Jolokhava, T., Mikeladze, G. 2015. Sensitive Alpine Plant Communities to the Global Environmental Changes (Kazbegi Region, the Central Great Caucasus). *American Journal of Environmental Protection. Special Issue: Applied Ecology: Problems, Innovations* 4(3-1): 93-100.
- Bussmann, R. W., Paniagua Zambrana, N. Y., Sikharulidze, Sh., Kikvidze, Z., Kikodze, D., Jinjikhadze, T., Shanshiashvili, T., Chelidze, D., Batsatsashvili, K., Bakanidze, N. 2014. Wine, beer, snuff, medicine, and loss of diversity - Ethnobotanical travels in the Georgian Caucasus. *Ethnobotany Research and Applications* 12: 237-313.
- Kürschner, H., Batsatsashvili, K., Parolly G. 2013. Noteworthy additions to the bryophyte flora of Georgia. *Herzogia* 26: 213-216.
- Kürschner, H., Kirmacı, M., Erdağ, A., Batsatsashvili, K., Parolly, G. 2012. Ecology and life strategies of epiphytic bryophyte communities from the Arcto-Tertiary relict forests of the Black and Caspian Sea areas. *Nova Hedwigia* 94(1-2): 31-65.

Research Grants (2012-2024)

- Botanical, mycological and ethnoecological study of non-perennial stream habitats on the Kvernaki range (East Georgia), as a basis for their long-term monitoring and assessment of ecological restoration feasibility (NFR-23-17030). 2023-2026. Shota Rustaveli National Science Foundation / Ilia State University. _ Principal Investigator
- Cryptogams of Semi-arid Habitats of Georgia: Diversity, Conservation, Potential for Desertification Monitoring (NFR-18-14169). 2019-2022. Shota Rustaveli National Science Foundation / Ilia State University. _ Principal Investigator
- Ethnobiology of Georgia’s Fungi and Lichens (FR/631/7-120/13). 2014-2017. Shota Rustaveli National Science Foundation / Ilia State University. _ Principal Investigator
- Task.1.1. —Preparation of comprehensive version of the Plant Red List of Georgia & Task.1.2. Set-up of the long-term monitoring scheme of the selected species and collection of baseline data; provision of training for relevant personnel of the project —Sustainable Management of Biodiversity (SMB), South Caucasus (PN 11.2197.9-004.00). 2014. GIZ / Institute of Botany, Ilia State University. _ Research team member.
- Developing Tools for Conserving the Plant Diversity of the Transcaucasus – Sub-project: Developing tools for monitoring the quality of mesophytic broad-leaved forests of the Caucasus. 2010-2014. Volkswagen Foundation / Botanischer Garten & Botanisches Museum Berlin-Dahlem (BGBM), Freie Universität Berlin, Germany & Ilia State University, Georgia. _ Georgian Focal Point.
- AMIES – Analyzing multiple interrelationships between environmental and societal processes in mountainous regions of Georgia. 2010-2013. Volkswagen Foundation / Giessen University, Germany & Ilia State University, Georgia. _ Project Manager.

Participation in research projects as a scientific consultant (2012-2024)

- Capacities for monitoring wild flora and fauna within designated Emerald sites of Georgia. 14.05 – 31.07.2018. UNDP.
- Supporting sustainable forest management practices in Georgia through the use of key data analysis and remote sensing technologies. 2017. Scientific Research Center for Species Conservation, Nacres.
- Feasibility assessment for a Colchis World Heritage site. 15.12.2016 – 30.01.2017. The German Federal Environment Ministry’s Advisory Assistance Programme (AAP) for environmental protection in the countries of Central and Eastern

-
- Europe, the Caucasus and Central Asia and other countries neighboring the European Union / the Federal Agency for
- Nature Conservation (BfN) and the German Environment Agency (UBA) – Michael Succow Foundation (MSS) and WWF Caucasus PO.
 - Support for the implementation of EU biodiversity related directives in Georgia. 2016. Species Conservation Scientific Research Center, Nacres.
 - Assessment of the feasibility of a World Heritage nomination of the Central Greater Caucasus cluster. 02.02 – 15.03.2015. The German Federal Environment Ministry's Advisory Assistance Programme (AAP) for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighboring the European Union / the Federal Agency for Nature Conservation (BfN) and the German Environment Agency (UBA) – Michael Succow Foundation (MSS) and WWF Caucasus PO.
 - Promoting Sustainable Dam Development at River-Basin-Scale in the Southern Caucasus, 10.06 – 20.07.2014. The Ministry of Foreign Affairs of Norway /Norwegian Agency for Development Cooperation and WWF Norway.
 - WWF. 2015. Freshwater Ecosystems and Biodiversity: Freshwater Key Biodiversity Areas / Critical Sites for Threatened Freshwater Biodiversity in the South Caucasus.
 - Strengthening Management of Protected Areas of Georgia (Twinning ref: GE12/ENP-PCA/EN/14). 24.03 – 24.06.2014. The Member State Lead Partner Österreichische Bundesforste AG – Ilia State University.
 - Sustainable Biodiversity Management in the South Caucasus - Revision of the Biodiversity Strategy and Action Plan (NBSAP) of Georgia. 2012. Scientific Research Center for Conservation of Species, Nacres.
-