

# Curriculum Vitae

## SHALVA SIKHARULIDZE

E-mail: shalva.sikharulidze@iliauni.edu.ge

Education	1971-1976	Faculty of Forestry, Georgian Agricultural Institute Qualification – forestry engineer
Academic degree	1985	Candidate of biological sciences (equivalent to PhD) Niko Ketskhoveli Institute of Botany of Georgian Academy of Sciences <i>Doctoral thesis</i> – „Water regime of some evergreen shrubs distributed in the Minor Caucasus (Trialeti)”
Work experience	1976-1985	Junior researcher High-mountain vegetation ecology department of Niko Ketskhoveli Institute of Botany of Georgian Academy of Sciences
	1985-1999	Senior researcher High-mountain vegetation ecology department of Niko Ketskhoveli Institute of Botany of Georgian Academy of Sciences
	1999-2008	Head Bakuriani Alpine Botanical Garden
	2008-2011	Director Tbilisi Institute of Botany and Botanical Garden
	Since 2011	Director Institute of Botany, LEPL Ilia State University
Participation in research projects	1997-2005	Grants of Georgian Academy of Sciences
	1999	<i>Donor:</i> NGS (National Geographic Society) <i>Project:</i> Exploration of the genus <i>Paeonia</i> in the Caucasus

	<p><b>2001-2002</b>      <i>Donor:</i> <b>CRDF (Civilian Research &amp; Development Foundation)</b> <i>Project:</i> Informatics for the Sustainable Use of Plant Genetic Resources in the Republic of Georgia</p> <p><b>2004-2006</b>      <i>Donor:</i> <b>CRDF (Civilian Research &amp; Development Foundation)</b> <i>Project:</i> Sustainable Use &amp; Conservation of Medicinal Plant Resources in the Republic of Georgia</p> <p><b>2005-2006</b>      <i>Donor:</i> <b>SDC (Swiss Agency for Development and Cooperation)</b> <i>Project:</i> Natural and cultural resources of mountainous regions for regional development of Georgia</p> <p><b>2007-2008</b>      <i>Donor:</i> <b>CRDF (Civilian Research &amp; Development Foundation)</b> <i>Project:</i> Evaluation of the Bakuriani Alpine Botanical Garden for the Implementation of a Chicagoland Grows™ Style Program</p> <p><b>2012-2023</b>      <i>Donor:</i> <b>Ministry of Education and Science of Georgia</b> <i>Project:</i> Study of plant diversity of Georgia, identification of plant natural resources, development of practical recommendations for protection and sustainable use of plant resources</p> <p><b>2015-2016</b>      <i>Donor:</i> <b>BGCI (Botanical Gardens Conservation International)</b> <i>Project:</i> <i>Ex situ</i> and <i>in situ</i> conservation of <i>Nitraria schoberi</i></p> <p><b>2021-2023</b>      <i>Donor:</i> <b>National Institute of Biological Resources (NIBR), South Korea</b> <i>Project:</i> Traditional knowledge of Georgian plants</p> <p><b>2023</b>      <i>Donor:</i> <b>Ministry of Environmental Protection and Agriculture of Georgia</b> <i>Project:</i> Assessment of wild populations and cultivated sites of <i>Galanthus woronowii</i></p>
<p><b>Key publications</b></p>	<ul style="list-style-type: none"> <li>– – Sikharulidze, Sh. 1994. Biological monitoring of heavy metals in aerial regions of Georgian mountains and urban regions using mosses. Bulletin of Aristotle Georgian-Greek University, Tbilisi, vol 1/2, 265-268.</li> <li>– Sikharulidze, Sh. <i>et al.</i> 1998. Light and temperature regimes, water balance and CO<sub>2</sub>-gas exchange in some forest herbaceous plants in the Minor Caucasus. In: Nakhutsrishvili G. (ed.). Plant life In high mountains. Diogen Press, Tbilisi. Pp. 9-16.</li> <li>– Sikharulidze, Sh. <i>et al.</i> 1998. Water balance in evergreen plants at upper edge of the forest (the Traileti range, Minor Caucasus). In: Nakhutsrishvili G. (ed.). Plant life In high mountains. Diogen Press, Tbilisi. Pp. 141-143.</li> </ul>

- Sikharulidze, Sh. *et al.* 2003. Endemic Medicinal Plants of Georgia (Caucasus). Brochure produced within the framework of the project GBI-2312-TB-02 supported by CRDF (Civilian Research and development Foundation).
- Nakhutsrishvili G., Sikharulidze, Sh., Abdaladze O. 2006. Bakuriani, Natural and cultural resources of the Borjomi Region. Tbilisi.
- Chelidze, D., Sikharulidze, Sh., Ghviniashvili, Ts., Kurdadze, T. 2009. Bakuriani Alpine Botanical Garden. Tbilisi.
- Nakhutsrishvili, G., Grigalashvili, N., Mtskhvetadze, D., Chelidze, D., Sikharulidze, Sh. 2009. Bakuriani-Tskhratskaro Flora Checklist. Tbilisi.
  - Nakhutsrishvili G., Sikharulidze, Sh., Murtazaleiv, R. 2010. Concerning two alpine botanical gardens of the Caucasus. *Proc. 2<sup>nd</sup> International Congress of Alpine and Arctic Botanical Gardens*. Pp. 51-55.
  - 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.
- 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.
- 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., 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., 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., 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.

	<p>– 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. <i>Ethnobotany of the Caucasus</i>. Bussmann, R.W. (ed.). Springer. 708p.</p> <p>– 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. <i>Indian Journal of Traditional Knowledge</i> 17(1): 7-33.</p> <p>– 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. <i>Indian Journal of Traditional Knowledge</i> 17(1): 7-33.</p> <p>– 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. <i>Economic Botany</i> 73(3), 293-303.</p> <p>– Bussmann, R.W., Batsatsashvili, K., Kikvidze, Z., Paniagua Zambrana, N.Y., Khutsishvili, M., Maisaia, I., Sikharulidze, Sh., Tchelidze, D. et al. 2020. <i>Ethnobotany of the Mountain Regions of Far Eastern Europe</i>. Batsatsashvili, K., Kikvidze, Z. Bussmann, R.W. (eds.). Springer. 1063p.</p> <p>– Sadunishvili, T., Maisaia, I., Batsatsashvili, K., Sikharulidze, Sh., and Darchidze, T. 2021. <i>Agrarian culture of Georgia</i>. National Academy of Sciences of Georgia, Tbilisi, 308 p.</p> <p>– Bussmann, R. W., Paniagua Zambrana, N. Y., Ur Rahman, I., Kikvidze, Z., Sikharulidze, S., Kikodze, D., ... &amp; Batsatsashvili, K. 2021. Unity in diversity—food plants and fungi of Sakartvelo (Republic of Georgia), Caucasus. <i>Journal of Ethnobiology and Ethnomedicine</i> 17(1): 1-46.</p>
Awards	<p><b>2022 National Prize of Georgia (with co-authors) for the book: Sadunishvili, T., Maisaia, I., Batsatsashvili, K., Sikharulidze, Sh., and Darchidze, T. 2021. Agrarian culture of Georgia. National Academy of Sciences of Georgia, Tbilisi, 308 p.</b></p>