
Blaise Binama

Contact:

- **Email:** binablaiso120@gmail.com
- **Mobile:** +491711523669 or +250783566976
- **Location:** Bielefeld, Germany

Education

- **PhD in Natural Sciences**
 - *University of Bielefeld, Germany*
 - *Expected Defence: November 10, 2023*
- **MSc in Biodiversity and Collection Management**
 - *Technische Universität Dresden/IHI Zittau, Germany*
 - *2018*
- **BSc in Biology, Botany, and Conservation**
 - *University of Rwanda, College of Science and Technology*
 - *2016*

Work Experience

- **Research Assistant**
 - *University of Bielefeld, Germany*
 - *August 2019–March 2023*
 - *Teaching: Plant defence mechanisms, biology of invasive plants, Data analysis with R Supervising bachelor's students*
- **Consultant**
 - *UNESCO World Heritage Centre*
 - *November–December 2022*
 - *Review and completion of nomination dossiers (e.g., Gola-Tiwai Complex, Sierra Leone)*
- **Researcher Affiliate**
 - *Centre of Excellence in Biodiversity and Natural Resource Management (CoEB) UNESCO Category 2 Centre*
 - *November 2018–June 2019*
 - *Establishing biodiversity information systems and project coordination*

Internships and volunteer experience

- *Senckenberg Görlitz, Germany: Herbarium Data Management Internship, April–May 2017*
- *Senckenberg Frankfurt, Germany: Amber Research Internship, June 2017*

- *Centre of Excellence in Biodiversity and Natural Resource Management (CoEB): Volunteer, January–June 2016*
- *University of Rwanda: Coordinator, Rwandan University Club for Conservation of Biodiversity, 2014-2016*

Languages

- *Very Good (Speaking, Writing, Listening)*
- *French: Good (speaking, writing, listening)*
- *Deutsch: Intermediate B1 (Speaking, Writing, Listening)*
- *Kinyarwanda: Fluent (speaking, excellent writing, and listening)*
- *Swahili: Good (speaking, writing, listening).*

Computer Skills

- *Microsoft Office*
- *Website Design*
- *R Programming*
- *Python Programming*
- *SPSS*
- *MaxEnt*
- *CLASlite*
- *Arc GIS*
- *Remote Sensing*
- *MVSP*
- *GCMS Analysis*
- *Chromeleon 7 (HPLC)*

Research Interests

- *Chemical ecology of invasive plant species*
- *Effects of global climate change on invasive species and native species*
- *Effects of climate change and invasive species on crop growth and production*
- *Tropical plant ecology and landscape restoration*
- *Plant population genetics*

Publications

- *Binama, B., and Caroline Müller In review. Growth and competition between plants of a naturalised and an invasive population of *Bunias orientalis* Plant Species Biology*
- *Buschmann, S., Tushabe, D., Binama, B., Herklotz, V., Neinhuis, Olbricht, K., and Ritz, C. Prep. Genetic diversity in European native strawberries and the origin of spontaneous hybrids*
- *Binama, B., and Caroline Müller Differences in functional traits among distinct populations of the plant invader *Bunias orientalis*, Journal of Plant Ecology, 15 (3), 524–537 (2022). [DOI Link](#)*

- *Binama, B., Behrendt, M., & Müller, C. The responses of *Bunias orientalis* to short-term fungal infection and insect herbivory are independent of nutrient supply. *Journal of Chemical Ecology* 48, 827–840 (2022). [DOI Link](#)*

Awards and Certificates

- 2022: *German Botanical Society Grant for International Conference*
- 2015: *World Wildlife Fund-Rwanda Environmental Management Authority Grant for Sustainable Solid Waste Management*
- 2023: *Certificate of Completion and Mentorship Programme for African World Heritage Professionals*
- 2018: *Certificate of Completion, E-Learning Course on Valuing Biodiversity by UNEP and CBD*

Professional Memberships

- *Member of the German Botanical Society (since 2022)*
- *Member of the Global Youth Biodiversity Network (since 2018)*
- *Member of the British Ecological Society (since 2017)*
- *Member of the Arbertine Rift Conservation Society (Since 2016)*

Professional seminars and visits

- *International Conference of the German Botanical Society, August 2022*
- *Annual Conference of the Ecological Society, Germany, August 2021*
- *Visit to the Zoo and Botanical Garden in Liberec, Czech Republic, February 2017*

Mentorship and leadership

- *Mentorship Programme for African World Heritage Professionals, 2021-2022*
- *Public Speaking and Leadership Mentorship with the Imbuto Foundation, 2013-2015*