

### SHORT BIOGRAPHIES OF THE AUTHORS

**Gabriel M. Moulatlet** was born in São Paulo, Brazil on 20 April 1987 and spent his childhood in the countryside town of Itapeva. He studied biology at the University of the State of São Paulo (UNESP) and then moved to Manaus to obtain his master’s degree from the Brazilian National Institute of Amazonian Research (INPA). It was at INPA where he started to study ferns, inspired by his supervisor Flavia Costa. He graduated with a thesis that investigated the spatial distribution of understory herbs along hydrological gradients in Central Amazonia. After finishing his thesis he was invited by Hanna Tuomisto to participate in a 3-month boat expedition along the Juruá River in Brazilian western Amazonia. The successful trip resulted in an



invitation to go to Finland for a year to work with the Amazon Research Team of the University of Turku. His stay in Finland was extended to five years, during which he was involved in several scientific publications, participated in field expeditions to the Amazon and did a PhD degree. Currently, he is back to the Amazon, living in Ecuador, teaching and researching and supervising students at the Universidad Regional Amazónica Ikiam. His interests are in biogeographical and ecological aspects of ferns and other plant groups of tropical forests and their relationship with soil and hydrological conditions.

**Gabriela Zuquim** was born in São Paulo, Brazil on 22 July 1981. After obtaining a



degree in Biology at the University of São Paulo in 2003, she moved to Manaus, Brazil, to enroll in a master degree program in Ecology at the National Institute of Amazonian Research (INPA). She completed her degree in 2006. Between 2006 and 2010, she collected fern data over five states of the Brazilian Amazonia, in research sites established by the Brazilian Research Program on Biodiversity Research (PPBio). She made a comprehensive sampling of the, until then, widely unknown pteridoflora of Uatumā region, central Amazonia that resulted in a richly illustrated field guide published in 2008. In 2011, she moved to Finland to carry out PhD studies in ecology at the University of Turku. Her doctoral thesis was on the diversity patterns and usefulness of ferns and lycophytes as habitat indicators in Amazonia. During her PhD, she also produced an online key to Amazonian ferns. She completed her PhD in 2015 and continues as a post-doctoral researcher at the University of Turku. She is interested in modelling Amazonian species distribution in the present and in the future.

**Hanna Tuomisto** was born in Helsinki, Finland, on 4 May 1965. She studied botany at the University of Helsinki, and interrupted the studies for half a year to set off with fellow student Kalle Ruokolainen to explore the biological wonders of Peru. Both were fascinated by Amazonian rain forests, and went on to study tropical ecology for a year at Aarhus University, Denmark. After finishing their MSc degrees in 1990, they joined the Amazon Research Team at the University of Turku to pursue PhD studies in the heterogeneity of

Amazonian forests and how geological history and soil properties might be linked to plant species distributions and speciation. Since she obtained her PhD in 1994, her research has included not only floristic studies but also taxonomy, molecular phylogeny and biogeography of ferns, as

well as remote sensing and conceptual studies related to beta diversity. She enjoys field work and has carried out numerous expeditions to remote parts of Amazonia.

