Samplias, a method to evaluate geographic sampling bias in species distribution data

Alexander Zizka^{1,2,3}, Alexandre Antonelli^{3,4,5}, Daniele Silvestro^{3,4}

- 1. German Center for Integrative Biodiversity Research, University of Leipzig, Leipzig, Germany
- 2. Naturalis Biodiversity Center, Leiden University, Leiden, The Netherlands
- 3. Gothenburg Global Biodiversity Centre, University of Gothenburg, Gothenburg, Sweden
- 4. Department of Biological and Environmental Sciences, University of Gothenburg, Gothenburg, Sweden
- 5. Royal Botanical Gardens Kew, Richmond, Surrey, United Kingdom

Running head – sampbias

Word count – Abstract: XX; Total: XX

Corresponding author – alexander.zizka@idiv.de

Keywords Collection effort, Global biodiversity Information Facility (GBIF), Presence only data, Roadside bias, Sampling intensity

Acknowledgements

We thank the organizers of the 2016 Ebben Nielsen challenge for inspiring and recognizing this research. We thank all data collectors and contributors to GBIF for their effort.