

The Institute of Systematic Botany & Mycology, Group Systematics, Biodiversity & Evolution of Plants at the Ludwig-Maximilians-University Munich is offering a DFG funded PhD position in the framework of the DFG-Project entitled “Revisiting the phylogeny of Melastomataceae in the era of genomics” lead by Prof. Gudrun Kadereit & Dr. Marie Claire Veranso-Liballah.

### **PhD position**

**TVL-E13, 65% - for 3 years; open from 1<sup>st</sup> of February 2021**

### **Phylogeny, systematics and evolution of *Medinilla* (Melastomataceae)**

The project entails a phylogenomic study of Old World Melastomataceae lineages using DNA sequence data generated by HybSeq and HyRAD approaches from newly collected as well as herbarium material. We are in close cooperation with an NSF funded project with the mutual aim to generate a worldwide well-sampled phylogeny of the mega-diverse Melastomataceae based on genomic data. The PhD project will focus on the species-rich genus *Medinilla*. We are seeking a candidate interested in flowering plant systematics, evolution, diversification, adaptation and biogeography. He/she should hold a Master of Science degree in Biology and a background in botany, molecular phylogenetics and evolution. Experience with bioinformatics analysis of sequence data, phylogenomics, analyses of trait evolution and historical biogeography are beneficial but not essential. Good English language skills are required.

The workplace is the Institute of Systematic Botany and Mycology at the LMU Munich (Menzingerstrasse 67, 80638 Munich, Germany; <http://www.sysbot.biologie.uni-muenchen.de/>) which is closely associated with the Botanical Garden Munich - Nymphenburg and the Herbaria M and MSB.

Please submit the following (in English):

- Short Cover Letter / Motivation
- CV (incl. list of publications and the names of one or two references)
- Certificates

**The submission deadline is December 13th 2020.**

Please send your application per Email (in one PDF, max. 5MB) to Prof. Gudrun Kadereit ([clausing@uni-mainz.de](mailto:clausing@uni-mainz.de)); for questions and further information please contact either Prof. G. Kadereit or Dr. Marie Claire Veranso-Liballah ([mario\\_clario@yahoo.ca](mailto:mario_clario@yahoo.ca)).

The Ludwig-Maximilians-University Munich is an equal opportunities employer and particularly encourages applications from women who are under-represented in the University at this level/ in this discipline. Additionally, handicapped applicants will be preferred if equally qualified.