

## RECOMMENDATION LETTER

Belém, 27<sup>th</sup> February, 2020.

To International Association for Plant Taxonomy – IAPT

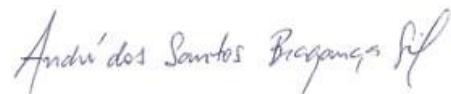
I, André S. B. Gil, researcher of the Botanical Coordination, of the Museu Paraense Emílio Goeldi, the most important natural history museum in Brazilian Amazon, hereby come to recommend the master's student Juliene de Fátima Maciel-Silva, for the IAPT Research Grants Program in Plant Systematics.

The student has been developing taxonomic studies with Cyperaceae genera and species since 2015, under my supervision. During graduation, she developed research and conducted several field expeditions in the Amazon, in different phytophysiognomies of this fascinating and intriguing biome, such as the *campinas*, *campinaranas*, *restingas*, savannas, and tropical forests, as an example in the Caxiuanã National Forest, in where she studied the aquatic and palustris Cyperaceae species. Juliene always has shown great determination and commitment in all the essential activities for quality research. She is very experienced in collecting data both in the field and in herbaria.

Currently, Juliene is developing the master's project "The genus *Bulbostylis* Kunth (Cyperaceae) in the state of Pará, Amazon, Brazil", in the postgraduate program in Biological Sciences (Tropical Botany area), at the Amazon Federal Rural University and Museu Paraense Emílio Goeldi. Juliene's project has as main objective to carry out a taxonomic treatment of *Bulbostylis* species occurring in the state of Pará, Amazonia, Brazil. *Bulbostylis* presents species, generally associated with a lot of taxonomic and nomenclatural problems, since the remarkable variation of the morphological characters makes it difficult to define interspecific delimitation. Added to that, this genus has been scarcely studied in the Amazon, especially in non-forested areas, such as the Amazonian savannas. However, the analysis of the collections of herbaria are fundamental for understanding the interspecific delimitations in *Bulbostylis*, and the collections of the herbaria RB, R, HB at Rio de Janeiro; UB, IBGE, CEN at Brasília and BHCB at Belo Horizonte would be crucial in understanding these delimitations.

Thus, if Juliene is awarded this grant, which will enable her to carry out the necessary laboratory to proceed with her master's project, IAPT will be enabling and supporting the training of qualified human resources, working in plant systematics, to the Amazon.

Sincerely,



Dr. André dos Santos Bragança Gil