**THE REPRESENTATIVES OF THE MALLOTIUM SECT (-*Leptogium*-COLLEMATACEAE) IN THE ANDEAN ECOSYSTEMS OF COLOMBIA**

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On the basis of the taxonomic revisions made to the UDBC Herbario of the District University (Bogotá-Colombia) and recent collections carried out by the author, an updated inventory of the species was established Tomentous of the genus ***Leptogium*** present in the Colombian territory. The evaluation of the individuals was based on the application of the protocol based on Macro and Microscopic morpho-anatomical characters, proposed by Cunha & Marcelli 2012, Kitaura & Marcelli 2012 and the species were determined by means of taxonomic keys generated in different parts of the world, especially those published by Jørgensen 1997 and Kitaura et al 2012, 2013. The main conclusion derived from this review is the demonstration that the species of the Mallotium sect in Colombia, are distributed exclusively in ecosystems associated with the mountain range of the Andes on heights above 2000 meters above sea level; As a result of taxonomic analysis, a total of **14** species from **13** departments are presented, there are **6** species as new records for Colombia; A new geographic distribution within the country is established for **5** species and extensions are displayed in the altitudinal ranges for **7** species. Based on the comparative analysis among the individuals evaluated in the present study and the examined specimens that were published in 2012 by Kitaura & Marcelli, we propose to the species. ***Leptogium*** aff. ***aciculare, Leptogium*** aff. ***juressianum Leptogium*** aff. ***Eriodermoides***, ***Leptogium* s.p. 1** y ***Leptogium* s.p. 2,** as new species for science and ***Leptogium inversum*** P.M. Jørg. as an endemism for the Sumpaz páramo. The first specific taxonomic key is provided for the determination of Colombian species of the genus ***Leptogium*** section Mallotium.