

Project Update: September 2018

Celaque Mountain National Park Fern Project

The project officially started in August 2018 and since then two very successful trips of 5 and 8 days of fieldwork were established in the lower altitudinal fringes of the park. At the moment a total of 104 morpho-species have been collected and of those a total of 54 species have been properly identified, and more material is continuously being worked on.

One of our hypotheses is that the species richness of the park is greater than the previously reported (215 spp.) and one confirmed and two potential new records for the country have been found so far along with four confirmed new records for the park.

During the survey, the distribution pattern on the first five altitudinal fringes have been assessed and are according to expected. Climate data of the CHELSA climate data base was successfully extracted and will be complemented with arduino humidity/temperature sensors and pluviometers that will be installed later next month on some strategic places of the altitudinal gradient.



Johan Reyes and Ruth Sanchez on sample collection and data collection at Celaque Mountain National Park



Johan Reyes and Andrea Figueroa (MAPANCE assistant) at "El mirador de la cascada"



Field work