CENTER FOR SYSTEMATIC ENTOMOLOGY GRANT REPORT April 1st, 2020

Name of CSE grantee: Elena Ortiz Acevedo.

Affiliation: Postdoctoral Associate, Universidad del Norte, Barranquilla – Colombia.

Venue: McGuire Center for Lepidoptera and Biodiversity, Florida Museum of Natural History,

University of Florida, Gainesville, Florida.

Project title: Exploring mimicry in Neotropical butterflies: a morphological and geographical

approach.

Visit dates: March 7th-12th.

Summary of Activities conducted

This document summarizes the activities I was able to conduct during my visit to the McGuire Center for Lepidoptera and Biodiversity (Figure 1). I had planned a ten-day visit, however, due to the Coronavirus pandemic, I had to cut my visit short to make sure to be able to come back to my home country before the borders were closed. Despite cutting my trip short, I was able to conduct most of the activities I had planned.

Figure 1. Lepidoptera collection at the McGuire Center for Lepidoptera and Biodiversity, Florida Museum of Natural History.

I organized the photographic set up and proceeded to identify the material needed to be photographed (Figure 2). I started with the genus *Asterope*, which contains seven species, and the McGuire Center has representation of all of them. I took four photographs per specimen, two dorsal and two ventral, one including all the labels and determination data (Figure 3) and the other focusing on the specimen only (Figure 4).

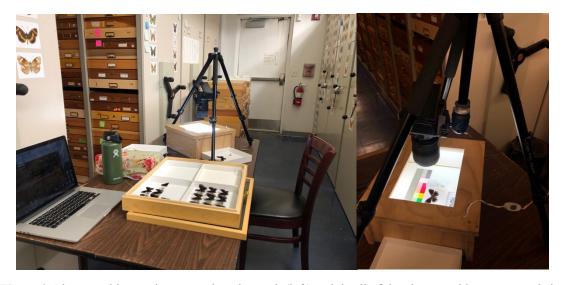


Figure 2. Photographing station to conduct the work (left) and detail of the photographic set up consisting of a portable light box, camera coupled with macro lens, tripod, ruler and color card (right).

Then I proceeded to photograph the genus *Callicore*, which contains 20 species, and the McGuire Center has representation of 17. For *Callicore*, I also took four photographs per specimen. I photographed a total of 243 specimens. The total of specimens photographed per species can be found in the following table:

Asterope Callicore

Taxon	Number of specimens	Taxon	Number of specimens
Asterope batesii	3	Callicore astarte	14
Asterope buckleyi	8	Callicore cynosura	11
Asterope degandii	12	Callicore excelsior	11
Asterope leprieuri	11	Callicore sorana	10
Asterope markii	23	Callicore pitheas	10
Asterope sapphira	9	Callicore texa	19
Asterope whitelyi	4	Callicore hydaspes	3
		Callicore lyca	11
		Callicore brome	7
		Callicore eunomia	11
		Callicore hesperis	9
		Callicore atacama	11
		Callicore felderi	6
		Callicore hydarnis	1
		Callicore hystaspes	10
		Callicore pygas	10
		Callicore tolima	10
Total Asterope	70	Total Callicore	164



Figure 3. Asterope degandii caelestis dorsal photos.

Figure 4. Asterope degandii caelestis ventral photos.