

Project Update: January 2020

We conducted our fieldwork activities from March to May 2019. Our fieldwork activities consisted of setting up camera traps during the first week of a given month, and then conducting point count surveys for arboreal species in the two to three following weeks. We did this for March and May 2019, while for April, we just conducted the camera trap surveys. In total, we managed to install cameras at 155 cameras locations (Fig 1) and conduct 41 surveys at 16 different locations.

To divide our field effort, we set our campsite at Dos Lagunas Biotopo, where CECON personnel received us and supported us in the field. We carried out surveys during that month along the way from Dos Lagunas to Naachtun. In April 2019, our camping site was also Dos Lagunas, and we distributed the camera trapping effort between this area, Mirador National Park and Uaxactun community. In May 2019, we moved our campsite to El Cedro at Rio Azul National Park and focused our sampling on the eastern part of our study area.

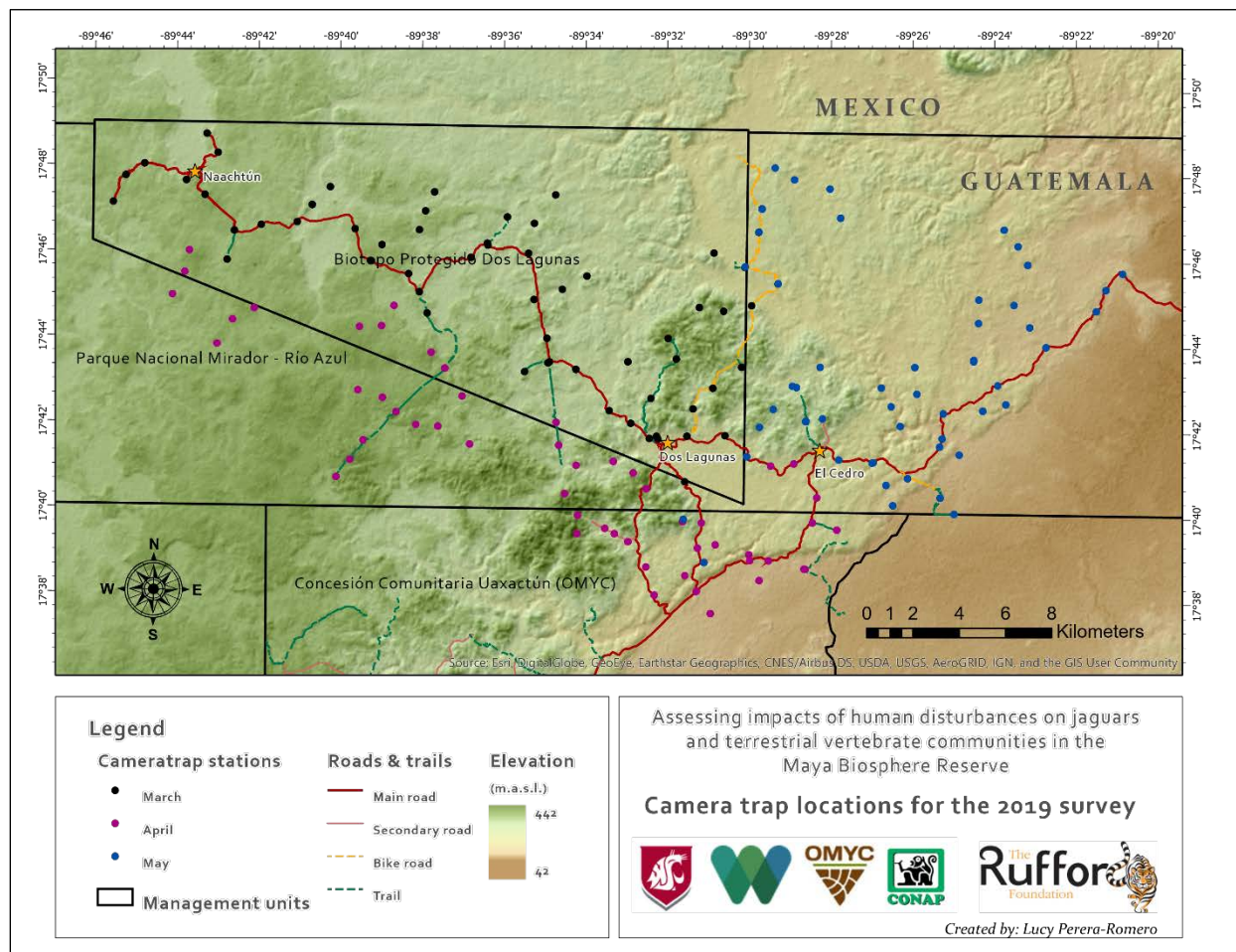


Fig 1. Locations of camera traps during 2019 survey.

During the project, we had the participation of four members of the Uuxactun community: Isaias García, Danilo Obando, Manuel de Jesús Ortiz and Carlos Álvarez. They were wildlife technicians that we trained during the 2018 field session. They participated full time during the activities of the project, and their role was fundamental for its success. Auner Revolorio and Fernando Avelar were also an essential part of the team as field technicians and bird expert surveyors (Fig 2). We also had the collaboration in the field from CECON personnel (Center for Conservation Studies, a scientific institution from San Carlos University of Guatemala) at Dos Lagunas Biotopo and CONAP (National Council of Protected Areas) at Río Azul National Park. Some of the staff from CECON that help us in the field included Freddy Bedoya, Decny Mayen, Darwin Aguirre, Abraham Mateo, and Edwin Pacheco (Fig 3).



Fig 2. Permanent 2019 team members. Bottom: Auner Revolorio. From the right top to the left: Isaias García, Danilo Obando, Carlos Álvarez, Manuel Ortiz, Fernando Avelar y Lucy Perera-Romero. Photo credit: Lucy Perera-Romero



Fig 3. CECON personnel that supported in the field. At the top and from left to right Abraham Mateo, Freddy Bedoya and Darwin Aguirre. Bottom picture: Team participants together with the CECON group at Dos Lagunas camping site. Photo credits Lucy Perera-Romero



Fig 4. Some of the species registered during the surveys. From the top left to the right: Ocelated turkey (*Melagris ocellata*), Great curassaw (*Crax rubra*), Crested guan (*Penelope purpurascens*), Jaguar (*Panthera onca*), White-lipped peccary (*Tayassu pecari*), Bairds' tapir (*Tapirus bairdii*). © Lucy Perera-Romero.