

## Project Update: January 2020

**Goal:** During the dry season survey in the Deng-Deng National Park, we aimed to install 30 camera traps (15 in the savannah zone and 15 in the forest zone) to assess the seasonal variation and use of habitat by the giant pangolin and the white-bellied pangolin. The cameras were established at the same locations that have been previously monitored during the rainy season for 90-night traps. 28 camera traps were installed (13 cameras in the savannah and 15 cameras in the forest zone). We also sampled insects to assess the pangolin prey assemblages, especially termites in the different habitats to evaluate the food availability for pangolins.



Team-B in the savannah area during the dry season survey



Woodland savannah and grassland savannah habitats in the Deng-Deng National Park

### Camera-traps establishment in both savannah and forest

We have established 13 camera traps in the savannah area of the Deng-Deng National Park and 15 camera traps in the forest area for the dry season. The cameras installed include six Cuddebacks, seven Bushnells, 10 Bestocks and five Moltrie 30i camera traps set on the giant pangolin active living burrows (LBs), the fallen logs used by the white-bellied pangolin and other feeding sites including feeding burrows (FBs) and ground feeding site or termite mounds with scratches (feeding activity).

**Notes:** We could not install three camera-traps in their previous locations that were flooded by water from the Lom-pangar hydroelectric dam.



Left : Camera-trap strapped on the tree in the savannah area. Right : B -Burrow of the giant pangolin



Test of camera-trap detection in the woodland and grassland savannah habitats



Camera-trap established in the forest habitat set to detect the white-bellied pangolin presence in this park area

### **Insects richness available as pangolin food resources**

Termite samples were collected in three different savannah habitats and two forest habitats. A total of 178 ant tubes were collected during this trip and are being currently identified.



Two field assistants collecting insects in both forest and savannah habitats



Scat of the white-bellied pangolin collected near a termites' mound in the savannah area being analyzed in the laborator



Woodland savannah in Deng-Deng National Park during the dry



Principal investigator and a local guide discovering a road created in the Deng-Deng National Park near two camera-trap locations



Human activity in the Deng-Deng National Park



Flooding of 3 previous cameras location in the northern part of Deng-Deng National Park