

## Project Update: July 2016

We just come back from the first fieldwork expedition, which had a total of 31 days. In this fieldwork we sampled 19 islands and one mainland plot. We had some difficulty to reach some islands and the mainland plot because the water level of the Balbina Dam reservoir is considerably low and some of our microphones did not work perfectly. But besides this, the bat sampling was successful in almost all plots. Now we started to analyse the sonograms and initially found around 10 bat species, besides some interesting feeding and social buzzes. The next step is to return to more 30 fieldwork days in 10<sup>th</sup> August 2016. Now we will sample the last islands and the two mainland plots that are lacking. In this way, we will complete the sampling in all the islands and mainland sampling points.



Photo1: Isolated forestal island surrounded by the "Cacaia" matrix (water with dead trees) inside the Balbina Dam reservoir.



Photo2: Placing the autonomous ultrasound recorder in the sampling plot inside an island.

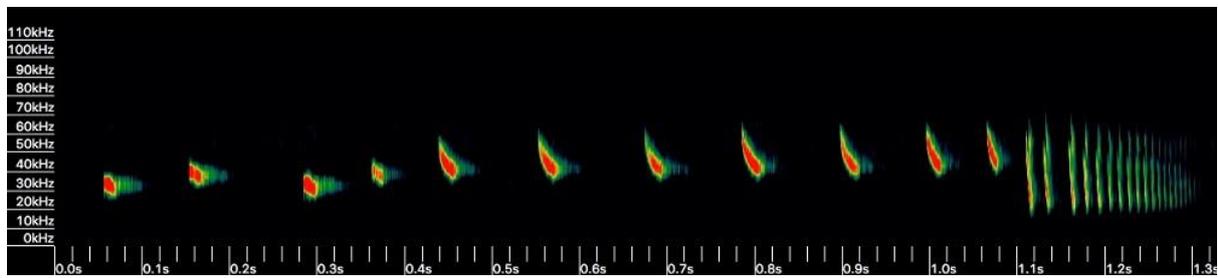


Photo3: Aerial insectivorous bat sonogram obtained during the fieldwork, showing its searching buzz followed by its feeding buzz.