

Project Update: July 2016

To date we have conducted more than 45 days of fieldwork on the Cantareira-Mantiqueira complex (SP). We have checked for distribution of the species (*Haddadus binotatus*) in both forest fragments and areas of the surrounding matrix. A total of 126 toe-clip samples have been collected for genetic analyses in 11 different landscapes. Twenty samples from other areas deposited in museums were also obtained. DNA extraction of all the samples was already done. RadSeq libraries designing and sequencing was conducted in collaboration with Dr Paul Hohenlohe lab (UIdaho). Population genomic analyses are being performed with the aim to look for differences between the different landscape populations. GIS analyses, mapping and landscape classification are already done. Corridors designing based on resistance to the movement of the species across the different landscape classes have being carried out.

Because the study area remains in a very populated area, a series of school talks are being planning to occur during the next 2 months. These talks will be held in the company of other researchers working in the area with other species (mammals, birds), and will be focused on a single objective, the design of biological corridors for different species.



Haddadus binotatus during the fieldwork