

Project Update: January 2014

We continued the work in the field in 2013 by extending the research for one more field season to collect more feather samples from macaws for the genetic analysis. At the end, this extra amount of samples will contribute to a more precise evaluation of the genetic analysis. In collaboration with the Tambopata Macaw Project we captured macaws to deploy satellite collars and to track them and also to take blood samples for the genetic analysis. We will later evaluate our genetic methodology by comparing its results to the satellite tracking data.

For the end of the year we extracted the DNA from all of our samples. In the upcoming months these samples will be analysed in the lab equipped for genotyping that will be the final part of the laboratory work of this project. Thanks to the result of our partners at the Scarlet Macaw Genome Project (<http://vetmed.tamu.edu/schubot/research/scarlet-macaw-genome-project>) we were also able to design the genetic markers that are essential for the last step of this research.



Extracted DNA processing



Extracting DNA of feather