

MSc project on Malaria prevalence and impact in the Thorn-tailed Rayadito

A bit about my PhD:

I study the impact of climate change on the Thorn-tailed Rayadito in Chile. It is a nucleic species that exists across a very wide geographical range in Chile/Argentina and has many physiological differences between these isolated, non-migratory populations, making it an ideal study species when assessing the impact of climate. I have spent a few field seasons collecting data and am now in the process of analysing a lot of data and publishing papers. I need an MSc student who is keen and wants to learn a lot of cool statistical techniques with the possibility of publishing a paper with me at the end of the project.

- A data-based project that will compare the prevalence of malaria in the Thorn-tailed Rayadito in different areas of Chile from Santiago to Sub-Antarctica
- We want to know how body condition is affected by malaria and see if there is a physiological difference between infected and uninfected individuals
- We are interested in the interactions of weather with malaria presence and body condition (i.e. under what conditions has malaria prevalence increased in?)

If you are interested in this project, please contact Joseph Badji-Churchill at j.e.churchill@rug.nl



