

Project Update: June 2018

Field Work

We visited some conservation units for amphibian sampling. From October 2017 to June 2018, we centralised our effort in five protected areas: Biological Reserve of Duas Bocas, Paulo Cesar Vinha State Park, Mata das Flores State Park, Caparaó National Park and Vale Natural Reserve. Our results were satisfactory and the fieldwork was very productive.

Specifically, in the Biological Reserve of Duas Bocas, we have students developing biology course completion work, involving amphibians in general and two students working with specific leaf litter amphibians and amphibians associated with streams.



Figure 1. The sampling of leaf litter amphibians in the Biological Reserve of Duas Bocas: (a) Plot for sampling; (b) leaf litter depth measurement; and (c) nocturnal sampling of the amphibians in the plot.



Figure 2. Sampling in streams: (a) One of the streams sampled in the Reserve, (b) Recognition of the area to be sampled, and (c) Species found in a stream (*Boana faber*).

During leaf litter sampling, we found the species *Ischnocnema oea*, which is a very rare amphibian species and threatened with extinction by the International Red List (IUCN).



Figure 3. Individual of *Ischnocnema oea* found in the Biological Reserve of Duas Bocas during the samplings.

In the Paulo César Vinha State Park, we are also developing works with amphibians from flooded areas and we are studying the ecological aspects of the species *Aparasphenodon brunoi*.

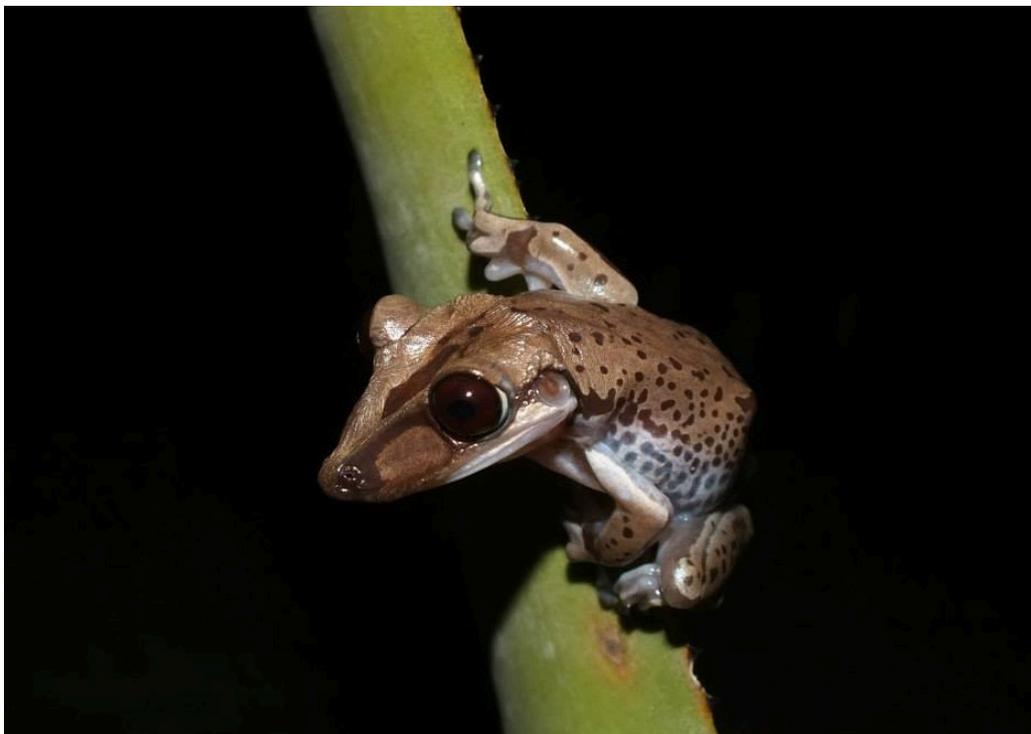


Figure 4. Individual of *Aparasphenodon brunoi*.

We produced an article with the first list of species of anurans from Mata das Flores State Park, which is already submitted in a scientific journal. The production of this species list is very important for the conservation and management plan of the park since there was no information about the local amphibian fauna.

Lectures and presentation of works

Poster presentation of the work on amphibians of Mata Flores State Park on June 9th 2018, graduation student Thais Meirelles presented the results of the samplings at Mata das Flores State Park, in the Symposium on the biodiversity of the Atlantic Forest.

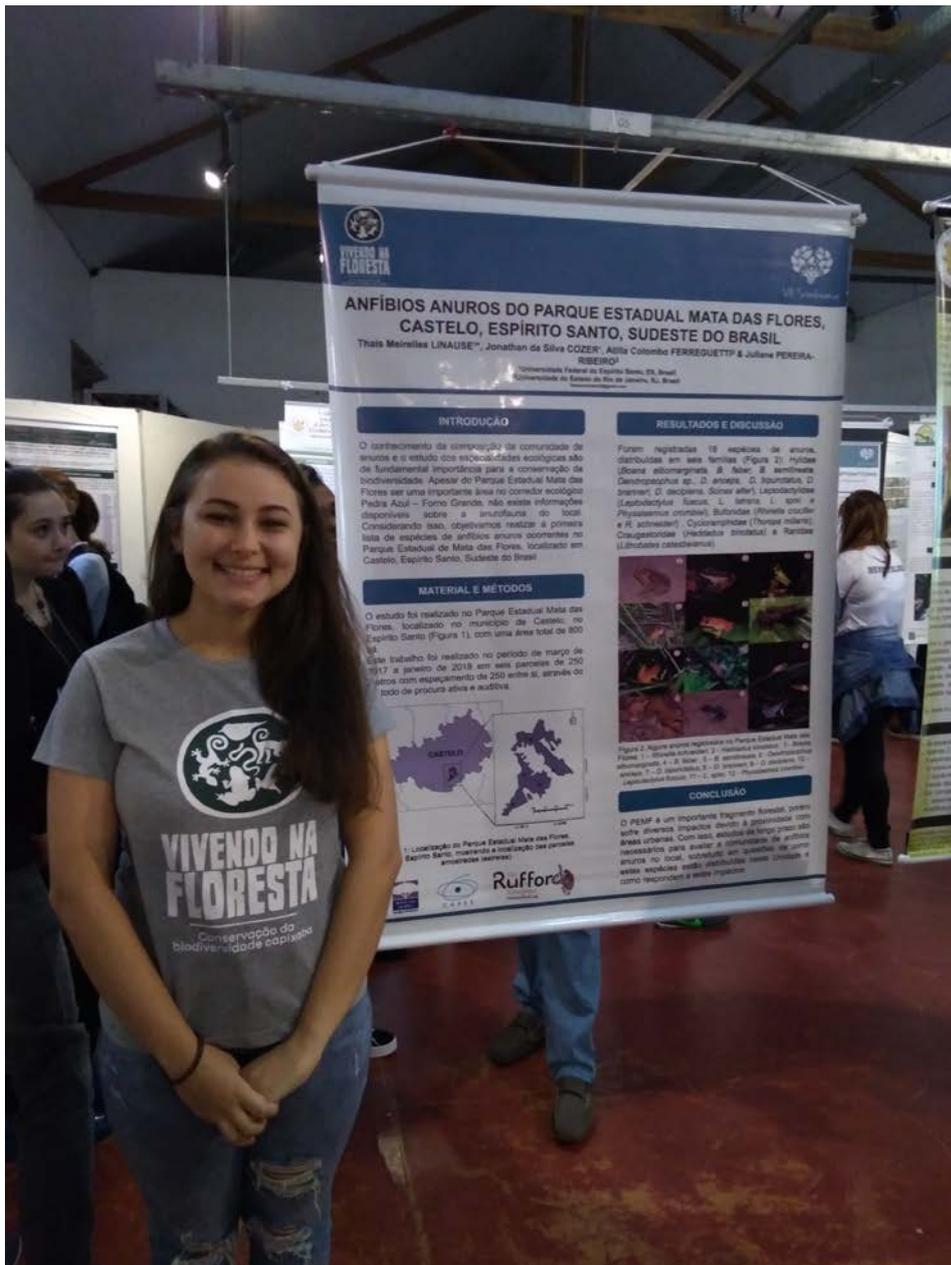


Figure 5. Presentation of the work at the event on the Atlantic Forest.