

Project Update: May 2019

In October 2018, we organised a photographic contest through social media about bromeliad frogs. Many people and nature photographers participated in the contest by emailing pictures. By online-open voting, three winners received a kit of items from the Bromeligenous Project, their photos were posted on the Bromeligenous' social media, were printed in 300 calendars of 2019, and were selected for our photographic exposition. In January 2019, we opened the itinerant photographic exposition "Living in microcosmos" exhibiting 12 amazing photos of frog's life inside bromeliads. About 13,800 students, tourists and locals visited "Living in microcosmos" along 3 months in the National Institute of the Atlantic Forest and Augusto Ruschi Marine Reserve. In December 2018, we made the short video documentary "Cultivator of Hope", showing the life of a retired man that found himself in depression after his wife passed away and then decided to plant native trees. Seu Hélio has already distributed 18,000 native trees seedlings, including 2000 for our project. We have distributed these seedlings to local farmers in the mountainous region of Atlantic Forest.

In January 2019, we surveyed 28 farmers' yards aiming to find bromeliads hosting frogs. We have also interviewed these 28 families regarding their bromeliad collection activity, but most of them do not have bromeliads in their yards. So far, we have sampled five sites for bromeliad frogs. In one these sites, we found a large population of a new species of bromeliad frogs (Anura: Leptodactylidae: *Crossodactylodes* sp. nov.). Previously, we were describing this new species based on only two adults. Fortunately, we found more adults, tadpoles, host bromeliads and took many, many amazing photos!

In April 2019, I coordinated a group of 10 amphibian specialists in the revision of the Espírito Santo state red list. Unfortunately, the list increased from 10 amphibians in 2005 to 20 amphibians in 2019. In April 2019, about 1000 kids and adults participated of the outreach event "Save the Frogs Day" in the National Institute of the Atlantic Forest in Santa Teresa, Brazil. During the whole day, we organised recreational and educational activities such as showing living amphibians, playing interactive games, discussing on poster presentation, looking at tadpole structures under the microscopes, and searching for hidden plastic frogs. SUGGEST NO. Reviewer 1: Maybe, Reviewer 2: Maybe/Yes.. It is noteworthy mentioning our successful use of social media and website to communicate with the public about science. The 15 members of the Bromeligenous Project really appreciate the support from Rufford Foundation and everyone that participated in our outreach activities, allowed sampling their forests, and read this report. Thank you!

Short video documentary "Cultivator of hope":
<https://www.youtube.com/watch?v=kMRC4ynhG00>



