

Project Update: December 2018

Dec-07-2018

The project that is being implemented is framed in the document: "Andean Highlands in the Junín Region: Current State and Strategic Conservation Plan", which the RANA Group has been implementing with various partners, among them:

Institutions	Way of support for the date (November 2018)
The Rufford Foundation	Equipment and materials
RANA Group	Human resources, equipment, materials, social networks, presentations, dissemination of projects.
National Geographic Society	Funding for field expedition of threatened frogs (<i>Telmatobius macrostomus</i> and <i>T. brachydactylus</i>) in historical record sites.
Junin National Reserve (SERNANP)	Equipment, materials, environmental education session support, frog costumes, park rangers support.
Denver Zoo	Equipment and materials, support of personnel.
GoFundMe	Support in the purchase of equipment and materials.
Peasant Communities and Local Governments	Food
Amphibian Ark	Environmental education manuals
Natural History Museum of San Marcos	Human resource and field assistants. Space for dissemination of the project.
National University of the Center of Peru	Human resource and field assistants. Space for dissemination of the project.
Continental University	Human resource and field assistants Space for dissemination of the project.
Alas Peruanas University	Human resource and field assistants Space for dissemination of the project.
National Agrarian University La Molina	Human resource and field assistants
Catholic University Sedes Sapientiae	Human resource and field assistants
Peruvian University Cayetano Heredia	Human resource and field assistants

National University Federico Villareal	Human resource and field assistants
Ricardo Palma University	Human resource and field assistants
San Antonio Abad University of Cusco	Human resource and field assistants
NGO ECOAN	Advice

Activity 01	Results
Diffusion of the project.	<p>Presentations at three universities of the Junín Region.</p> <ul style="list-style-type: none"> • Continental University - 81 attendees • Sedes Sapientiae Catholic University - 42 attendees • Alas Peruanas University - 200 attendees <p>Total attendees = 323 attendees.</p> <p>Recruitment of field assistants for expeditions.</p> <p>Announcement/Advertisement for a thesis to evaluate the impacts of Citizen Science activities.</p>



Photograph 01. Project presentation poster.

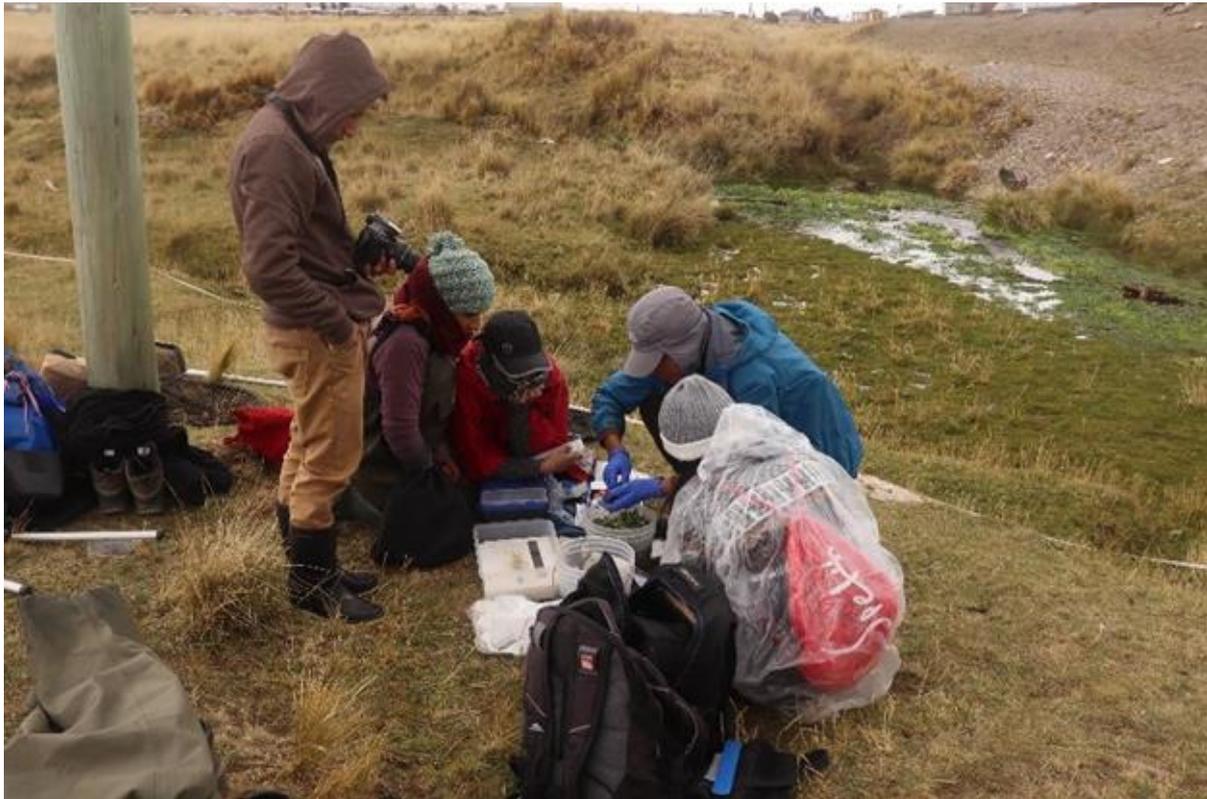


Photograph 02. Development of a talk about the conservation program of the Junin frogs.



Photograph 03. Announcement/Advertisement poster for field assistants.

Activity 02	Results
-Field expedition for threatened frogs in historical record sites.	-The findings of our field expedition have allowed us to update the current distribution of sites where Junin frogs (<i>Telmatobius macrostomus</i> and <i>T. brachydactylus</i>) occur. These new localities are an essential step for establishing areas for protection, conservation, and restoration (Watson et al. 2017), and to identify the priority educational centers with which citizen science programmes funded by The Rufford Foundation will be initiated.



Photograph 04. Taking data from frogs.



Photograph 05. Frog survey in a stream



Photograph 06. Field expedition team.

Activity 03	Results
<p>-Socialization of the Junín frogs with the National Reserve of Junín (SERNANP)</p>	<p>-A discussion of socialisation of the project with park rangers of SERNANP. -Coordination with SERNANP to develop an environmental education workshop in a local educational centre, with the purpose of testing the educational methodologies that will be used in the citizen science programme.</p>



Photograph 07. Socialization of work.

Activity 04	Results
<p>-Development of an Environmental Education Workshop in a local educational center.</p>	<p>-Development of a workshop at the San Pedro de Pari School, with the participation of 20 local students, with whom the Environmental Education Manual "The disappearance of the frogs" developed by Amphibian Ark and adapted to Latin America and Peru by the RANA group was tested. The workshop was attended by a SERNANP park ranger, four field assistants from the RANA group and collaborators from the Denver Zoo.</p>



Photograph 08. Environmental Education Manual used for the workshop. (Location of the manual: <http://www.amphibianark.org/en/education/links-to-curriculum-materials>)

Photography 09. Ranger from SERNANP supporting a group of students with a manual activity.



Photograph 10. Group of students benefited by the environmental education workshop.

Activities to be implemented in the future with the project:

The project funded by The Rufford Foundation to date has contributed to the acquisition of:

- Data sheets and printing.
- GPS Etrex 20 (two).
- Buckets (two).
- Dip nets (four).
- Measuring tape 100m (one).
- Laboratory materials.
- Chest waders (two).

The remaining expenses were complemented by the RANA Group, its projects and the support of the project's partners.

I am currently working on an educational plan to be approved by the Local Educational Management Unit (UGEL - Junín) that can be taught in educational institutions.

Educational zones and institutions will be chosen for the development of citizen science activities using the results of the current expedition of frogs in the places where they were historically located.

Citizen science activities will be implemented as of March 2019. In Peru, school classes end in the month of December (beginning of summer vacation) and the classes are restarted in the month of March 2019.

The rest of the planned activities will be carried out normally according to the approved project.