

The Rufford Small Grants Foundation

Final Report

Congratulations on the completion of your project that was supported by The Rufford Small Grants Foundation.

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. We understand that projects often do not follow the predicted course but knowledge of your experiences is valuable to us and others who may be undertaking similar work. Please be as honest as you can in answering the questions – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Please complete the form in English and be as clear and concise as you can. We will ask for further information if required. If you have any other materials produced by the project, particularly a few relevant photographs, please send these to us separately.

Please submit your final report to jane@rufford.org.

Thank you for your help.

Josh Cole, Grants Director

Grant Recipient Details

Your name	Shannon Zuschlag
Project title	Assessing the status of the endangered <i>Puya raimondii</i> population in the National Sanctuary of Calipuy.
RSG reference	12907-1
Reporting period	Final
Amount of grant	£1315
Your email address	Butrflyze3@aol.com
Date of this report	February 17th 2014

1. Please indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.

Objective	Not achieved	Partially achieved	Fully achieved	Comments
Record pertinent information for all <i>Puya raimondii</i> plants in the Sanctuary			x	

2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).

There were more plants than I originally estimated (53,700 actually and 40,000 estimated).

3. Briefly describe the three most important outcomes of your project.

- a) Recording pertinent information about location and condition of each *Puya raimondii* plant in the National Sanctuary of Calipuy.
- b) In conjunction with my local counterpart agency, SERNANP, devising a more accurate and scientific monitoring plan for the *Puya raimondii* in the sanctuary for the indefinite future.
- c) Educating local communities, park guards, volunteers and SERNANP staff about the importance and significance of the *Puya raimondii* plants in the sanctuary.

4. Briefly describe the involvement of local communities and how they have benefitted from the project (if relevant).

Five permanent monitoring areas have been established within the sanctuary where local community volunteers will help survey the *Puya raimondii* plants and their population trends can be monitored over time by SERNABO. My benchmark data will serve as a template and a "snapshot in time" for future numbers and conditions to be compared to.

5. Are there any plans to continue this work?

Yes, definitely in a monitoring and educational sense with the local SERNANP office. Possibly further studies of the plant will be continued with more volunteers (Peace Corps or otherwise) that are working in the sanctuary and/or other biologists.

6. How do you plan to share the results of your work with others?

All my final data, maps and reports will be shared at a local and national level with SERNANP in Peru and with the Peace Corps headquarters in Lima to be used by further Peace Corps volunteers working with SERNANP in Peru. The maps will eventually be published on SERNANP's national website for viewing by the public. Rufford Small Grants will also receive a copy of this information. I may try to publish the information in a scientific journal at a later date.

7. Timescale: Over what period was the RSG used? How does this compare to the anticipated or actual length of the project?

RSG was used from January 2013 to August 2013. The actual length of my survey was July 2012 to October 2013. RSG was instrumental in making this a sustainable project on my volunteer stipend!

8. Budget: Please provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used.

Item	Budgeted Amount	Actual Amount	Difference	Comments
1 can spray paint/500 plants	194	260	66	53,700 instead of 40,000 plants.
Food/day for me	388	520	132	215 days instead of 160
Food/day for my husband	291	390	99	161 days instead of 120
Garmen GPS map 60CSx unit	241	241	0	
Batteries for GPS unit	56	78	22	32 weeks instead of 23
Emergency Funds for private transportation	145	0	-145	Never needed to be used. SERNANP provided all transportation. But money was used in other budget items.
TOTAL	1315	1489	174	

9. Looking ahead, what do you feel are the important next steps?

- a) I am in the final stages of processing the 53,700 points
- b) At this time, now that I have access to computers with ArcGIS I need to produce pertinent maps with each plants' GPS points perhaps coupled with topography, streams and park boundary information for general use on the SERNANP website, and for further study in the local and national SERNANP offices.
- c) A map of the monitoring sites with corresponding *Puya raimondii* information contained in each is needed in the local and national SERNANP offices so monitoring can commence.
- d) I will write a final report with all findings and maps to Rufford, Peace Corps and SERNANP offices.

10. Did you use the RSGF logo in any materials produced in relation to this project? Did the RSGF receive any publicity during the course of your work?

No, not yet, but I will use the logo in my final report disseminated to SERNANP and Rufford.

11. Any other comments?

THANK YOU for your support: your organisation made this project possible and sustainable!!