

The Rufford 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	Inti Keith
Project title	Bioinvasions in the Galapagos Marine Reserve
RSG reference	12947-2
Reporting period	2015-2016
Amount of grant	£5000
Your email address	Inti.keith@fcdarwin.org.ec
Date of this report	25/08/2016

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
STRI training workshop			X	
Deployment of settlement plates			X	
Identification of organisms on settlement plates			X	
Factsheets of identified organisms			X	
Risk analysis on incoming marine traffic			X	
Finished PhD thesis			X	

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

The remote location of the Galapagos Islands makes sending materials expensive and sometimes difficult but with the help of this fund and some collaborators I was able to get the materials needed and carry on the work I intended. The lack of taxonomic experts for the identification of non-native species has been challenging but thankfully I have some collaborators from the Smithsonian Environmental Research Centre that have assisted me.

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

1. Completing my PhD thesis has produced information that can be used by the local authorities in reducing the negative impacts non-native species can have on the marine ecosystems of the Galapagos Marine Reserve
2. The training workshop at the Smithsonian Tropical Research Institute (STRI) was extremely successful and the expertise learned in this workshop have added in the identification of species never reported before in the GMR
3. The identification of non-native species on the settlement plates that has provided a list of non-native species that had never been reported before in the GMR. With this information management strategies can now be put in place

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

I have been working with and training local government institutions personnel in monitoring and sampling techniques. This training has helped local technicians increase their knowledge on marine non-native species and the marine ecosystem in general.

5. Are there any plans to continue this work?

Yes, I will be working in the Charles Darwin Foundation continuing the marine invasive species project and working closely with the government institutions to improve the marine biosecurity of the Galapagos Islands.

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

Presentations in local, national and international conferences and workshops, scientific papers and my PhD thesis

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

The RSG was used in the middle of the project during the heavy fieldwork stage. It worked exactly as anticipated.

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
Plane Ticket and accommodation at STRI	2000	2000	0	
Field Materials	1500	1473.20	-26.80	
Travel to UK	1500	1850	350	The price of plane tickets goes up and the time of year I

				travelled made the ticket more expensive
TOTAL	5000	5323.20	323.20	

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

1. Continuing communication with local authorities.
2. Continue doing port monitoring to detect new marine invasive species.
3. Continue monitoring in ports and key places around the archipelago.
4. Continue to work with the boating community to raise awareness of how easy it is to move one species from one region to another.
5. Work with other islands in the ETP.

**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?**

1. Presentation in CYTED IBEROEKA in Panama August 2015.
2. Presentation at the University of Dundee in Scotland October 2015.
3. Presentation in the ICMB conference in Sydney January 2016.
4. CDF Facebook page.
5. Informative posters and presentations that have been done locally in the Galapagos.

11. Any other comments?

Thank you for the support.