

Final Project Evaluation Report

We ask all grant recipients to complete a project evaluation that helps us to gauge the success of your project. This must be sent in **MS Word and not PDF format**. 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 – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Complete the form in English and be as concise as you can. Note that the information may be edited before posting on our website.

Please email this report to jane@rufford.org.

Your Details	
Full Name	Phuntsho Wangmo
Project Title	Community Based Conservation of Grasshopper Fauna (Orthoptera) Diversity and Abundance in Different Ecosystem in Western Bhutan - A Tool for Awareness
Application ID	19681-1
Grant Amount	£5000
Email Address	sangayfinsoom@gmail.com
Date of this Report	28 th July 2017

1. 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
Species Diversity and Abundance of Grasshopper Fauna				Species diversity and abundances are greater in cultivated ecosystem than forest ecosystem.
Awareness on ecological significant of grasshopper				Awareness created to all relevant stakeholders and targeted groups
Change the attitude of peoples to grasshopper as pest				Focussed farmers were created awareness and thus enabled to change the negative perception of grasshopper as pest.

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

Since the project sites were concentrated in four districts and required to complete within the stipulated seasons of grasshopper, there were little difficulties. Lack of expertise in identifying the species was also a barrier for this project.

However, continual field work with close coordination with the field staff from all districts has addressed the challenges enabling us to complete the task within the workplan. Even within the optimum capacity of entomologists from renowned research centres, there were little difficulties in identifying the species and through further intimation with experts; the issue has been tackled enabling to complete the project on time.

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

- a) Generated baseline data for grasshopper diversity and abundances in two different ecosystems.
- b) Documented more diversity and abundances of grasshopper in cultivated ecosystem than natural forest ecosystem indicating that, grasshopper preferred in disturbed area calling for immediate conservation collaboration from local communities.
- c) Awareness of local communities in four districts within the premises of study area was focussed. Total of 1800 heads were participated on awareness programme and eight primary schools. Ecological roles of minute organisms in ecosystems were highlighted transforming the people perception into positive attitudes.

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

Local communities of study areas from four districts were directly engaged for awareness programme about the existence of grasshoppers as livelihood with ecological benefits.

Students of CNR and UWICER were engaged for field assistance in data collection on daily DSA payment system. About nine community members were hired for field activity in two study sites with daily allowances and service charges. During awareness campaign in village, catering was done from nine community members with payment basis, which has helped their socio economy in small little way.

5. Are there any plans to continue this work?

Yes, the project will continue in eastern part of the country to correlate the species diversity. The study has to be continued at least for 1 more year to cover wider areas and increase seasonal search efforts to generate baseline data for country. The funding is being explored for the same.

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

Awareness campaign with relevant stakeholders and targeted group of farmers, production of leaflets and pamphlets and scientific paper has been submitted to the Bhutan Journal of Natural Resources Development for wider publicity and to share the research outcomes. I am having close links with research centres in Bhutan and whenever, conference and seminar are underway, I will deliver presentation about the outcome of my project to share the results.

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

Based on workplan in proposal and subsequent approval and release of fund from RSG, procurement the field equipment as estimated in the proposal and then sequentially executed my activities against the fund layout. The funds were judiciously utilised as per the estimated over the entire length of my project without any hindrances.

The fund of £5000 was utilised from July 2016 to July 2017 for conducting my project.

8. Budget: 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. It is important that you retain the management accounts and all paid invoices relating to the project for at least 2 years as these may be required for inspection at our discretion.

Item	Budgeted Amount	Actual Amount	Difference	Comments
Community/stakeholders awareness campaign	1100	1100	00	
Awareness materials and Production of leaflets and Pamphlet	600	750	-150	As recommended, excess fund from equipment were utilised here
Sweeping net and chemicals	360	450	-90	Increase in price
Equipment's	1450	1000	+450	Some devices were used from office
Vehicle rental and transportation	350	500	-150	Increase in price
DSA for staffs and students	400	400	00	
Extension kits	380	400	-20	Increase in price.
Foodings and refreshment	350	400	00	Increase in price
Total	4990	5000		

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

I am looking to connect the unreached area of research, which is fundamental for generating balance baseline data in the country. Conducting same research in eastern part of Bhutan is critical for validating the country record of species diversity.

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

Absolutely, Rufford logo has been extensively used for various educational outreach/awareness programmes on the banners, leaflets and pamphlets. Different stakeholders and community were made aware of Rufford logo. Rufford logo was also used for presentation slides and more conservationists were aware about RSGF.

11. Please provide a full list of all the members of your team and briefly what was their role in the project.

12. Any other comments?

Rufford grant to me was very prestigious and blessing enabling to initiate such neglected species translating into more conservation program, changing the perception of local communities.

In general, my project was successful with positive acceptance by relevant stakeholders. However, it has to conduct in different part of country to correlate the diversity and abundances.

Personally, heartfelt gratitude to RSG for funding my project.