

The Rufford Foundation Final Report

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

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. The Final Report must be sent in **word format** and not PDF format or any other 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. 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. Please note that the information may be edited for clarity. 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	Samson Andrew Da'an
Project title	Anthropogenic activities in Pandam Wildlife Park: Do breeding birds benefit from cattle grazing and poaching?
RSG reference	18060-1
Reporting period	October 2015 to November 2016
Amount of grant	£4975
Your email address	ansamdaan@gmail.com
Date of this report	December 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
Investigating the relationship between cattle grazing and poaching on breeding bird activities.				A map was produced which showed and overlap between grazing and poaching and bird breeding activities. However, data showed that there were more breeding activities in areas with fewer grazing and breeding activities also, there were more bird breeding activities in the rainy than the dry season.
Identification of socio-economic activities of surrounding communities.				40% of population of respondents to interviews and questionnaires were farmers, while 60% were of other occupations. A total of 42% of respondents depended on bush meat for their animal source of protein. Communities with a higher number of educated people and other occupations than farming depended less on bush meat for source of animal protein. Relative to these communities, there were less cattle grazing and poaching activities but more bird breeding activities.
Identification of site(s) where protection should be prioritised.				More protection is needed along and within the perimeters of Pandam Wildlife Park near Gallo, Monday and Kayarda communities because they generally had higher cattle grazing and poaching activities.
Sharing of results with the park's management and community leaders and				Meetings and seminars were conducted where results were shared and stakeholders were

sensitising them about their roles to and benefits from Pandam Wildlife Park.				sensitised.
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2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).

Non that was relevant.

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

- Identification of sites and season with more bird breeding activities, cattle grazing and poaching activities hence, sites where more protection effort is needed.
- Determination of the fact that socio-economic activities of surrounding communities mirror the types of anthropogenic activities that takes place in the reserve.
- Mobilisation of leaders of surrounding communities and other key stakeholders around Pandam Wildlife Park to support ongoing conservation efforts.

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

- Members of communities willingly supplied information during the questionnaire survey.
- The park's manager organised preliminary meetings with different community leaders drawing their attention to conservation issues in Pandam Wildlife Park.
- Community leaders and other stakeholders around Pandam Wildlife Park turned up in good numbers to a stakeholders meeting we organised. In our interactions during the meeting, we shared key results of the research; we also gave room for questions and contributions. Participants made great inputs.
- Management and staff of PWLP attended seminars we organised.

5. Are there any plans to continue this work?

Yes. Plans are underway to mobilise locals especially youths to participate in birth monitoring which will enlighten them to take the "binoculars rather than the catapult" against birds. We are discussing with a federal radio station and a private

media house to put our activities on air as well as seeking other sources of funding for the work.

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

Results have been presented to management and staff of Pandam Wildlife Park during seminars we organised, also detailed report of the project was submitted to the Plateau State Tourism Cooperation Jos-Nigeria for consideration and appropriate actions. Results were also discussed with community leaders during a stakeholders meeting. Furthermore, the results will be published in a peer reviewed journal.

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

The grant was used over 13 months; this is about 1 month shorter than 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
eTrex 30 GPS	168	116	52	eTrex 10 was purchased and used instead of eTrex 30 as waiting for eTrex 30 was going to delay the start of the project
Duracell batteries for G.P.S (@£9.99 *3)	30	58	-28	Fluctuation in prices
G.P.S Battery charger	16	33	17	Fluctuation in prices
Camcorder 80GB HDD, SONY DCR-SR 20	250	154	96	Fluctuation in prices
HP Laptop	366	385	-19	Fluctuation in prices
Power bank for charging batteries	58	58	0	
Foot wares rain gears (@£15*3)	45	76	-31	Fluctuation in prices
Cartridges (2) for HP	85	85	0	

Laser Jet 2300 series PS @£42.3 each				
Stationeries (A4 sheets, pencils, notebooks, files)	109	136	-27	Fluctuation in prices
Books and internet search	174	154	20	
Photocopies	54	62	-8	Fluctuation in prices
Motor bike Bajaj model	577	635	-58	Fluctuation in prices
Fuelling and maintenance of bike@£50 per month for 10 months	500	712	-212	Fluctuation in prices
Subsistence for 3 persons @ £38 per month for 12 months	1368	1368	0	
Refreshment for participants at workshops, seminars and meetings	193	167	26	Events we held at the Park's Hall therefore, reducing cost.
Souvenirs for participants	150	173	-23	Fluctuation in prices
Publicity and communication	380	353	27	Fluctuation in prices
10% Contingency of total	452	284 (46+ 168)	168	The 10% contingency of total (402 out of 452) was used to make up for deficit on other project item budgets as indicated above
Total	4975	4975		

NOTE: From the start of the project to the end exchange rate of Nigerian Naira fluctuated between N260 to N375 to 1 £ sterling, accounting for the constant fluctuation in the price of project items.

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

- More data are needed to be able to establish more clearly and specifically the relationships between cattle grazing activities and the specific bird breeding ecological requirement(s) such as requisite concealment vegetation/or canopy cover, nesting ground or substrate etc.
- Conservation education is urgently needed in the different age groups in the surrounding communities and in the state and local government authorities.

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

Yes. The Rufford Foundation logo was used on all printed project materials also on t-shirts used for project related activities.

11. Any other comments?

My team and I deeply appreciate the Rufford Foundation for funding this project, we are also grateful to the Pandam Wildlife Park's management and surrounding communities for their interest and participation in the project.



Left to right: Fledglings of African thrush *Turdus pelios*; Eggs of Helmeted guinea fowl *Numida meleagris* & Team members collecting data on a transect.