

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	Nyaga Kanyange
Project title	Status and Assessment of Humphead Wrasse (<i>Cheilinus undulatus</i>) Stock in Kenya
RSG reference	26-08-08
Reporting period	February 2009 to January 2010
Amount of grant	£6000
Your email address	nyagak@gmail.com
Date of this report	March 2, 2010

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
1.To describe the status of humphead wrasse in Kenya			✓	Status generally declining in terms of size and numbers, except in protected areas.
2. To estimate the stock size from catch data	✓			Not possible due to low number of individual catches (less than 100 per month per landing site).
3. To determine the level of exploitation		✓		The fish is still being exploited for food though not a target fish.
4. To identify and map fishing habitats		✓		Adults and sub-adults found to reside in outer and nearshore reef and juveniles in lagoon.
4.Create awareness about the endangered fish		✓		Fisher communities did not know if the fish had international protection which they now recognise. Posters and T-shirts well distributed to fishers, NGOs, dive centres and government.
5.To establish local knowledge of the fish			✓	Most of the local knowledge (biology and ecology) complied with scientific facts.
6. To provide background information and data for conservation, management and future research			✓	Collected data and report available to interested parties.

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

1. Some areas targeted did not report any single catch for 6 months.

Solution: Less effort was spent in monitoring such areas.

2. Working and travel to the northern site (Kiunga Marine Reserve) was highly expensive

Solution: COMRED nominated a scientist from WWF in this area as a representative and gave him status of co-investigator.

3. Border conflict. There arose conflict along the Kenyan-Tanzanian border that led to a near halt of fishing activities in one of the landing sites. Mapping was affected as the areas were not accessible.

Solution: To wait until the situation cools down, and if it didn't so I put more effort in other landing sites.

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

1. Increased awareness about the fish. Fisher communities did not have knowledge about international importance of the fish. Some experienced divers and scientists did not also seem to be aware about this fact. The Department of Fisheries also lacked this awareness. It is not well known at this point if this awareness will translate into action.
2. Spatial habitat reference of the fish available. It can be pointed on a digital map the places where the fish is likely to be found.
3. Status of the fish known. For the first time, the status of the fish has been brought to the limelight.

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

Local communities were the prime data collectors (field assistants) at the landing sites. They did daily monitoring of the fish as they continued with their fishing activities. A small data collection fee was paid to cater for the time lost during data collection. Monitoring is still going on even without this subsidy, though not intensive. I get calls from fishers whenever they sight the fish. The fishers were also involved in a small workshop and on-site training in data collection methods.

5. Are there any plans to continue this work?

I would wish to apply for a second grant to fund more awareness and data collection in two landing sites identified as humphead wrasse strongholds. Long term data is required to make a stronger statement.

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

Through invitation to marine and coastal related workshops within and outside the country. A report is also available, and I have already given a draft to the Department of Fisheries in Mombasa.

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

Actual period of implantation was from January 2009 to January 2010. This was the anticipated length of time which was a continuation from the previous years work.

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
Co-Investigator	717	743	-26	
Field Assistants (7)	1,667	1,877	-210	
Principal Investigator	2,317	1,946	371	
Other expenses	1,708	1,514	194	

Awareness	195	435	-240	
TOTAL	6,515			

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

1. Publicising the results.
2. Continuation of monitoring and awareness.

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?

The T-shirts and posters were printed with both COMRED the RSGF logos. RSGF was mentioned in any stakeholder involvement in the project.