

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	Dien Le Thi
Project title	Conservation of rare and threatened medicinal plants with high economic value in the buffer zone of Bach Ma National Park, Vietnam
RSG reference	9195-2
Reporting period	Final
Amount of grant	£6,000
Your email address	dienhuaf@gmail.com
Date of this report	25 November 2011

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
To protect existing individuals of rare and threatened medicinal plants in their original habitats.			X	- Increase the number of medicinal plants to protect.
To increase the population size of these species in nature through rehabilitation			X	- Increase the habitats of ex-situ conservation model, for instance the sandy land.
To improve public awareness through training courses and establishment of a local threatened-species conservation network			X	- Expand the trainees, for example local pupils.

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

Unforeseen difficulties: Unfavourable weather (cold longer) lead to the cultivated medicinal plants had died.

Solutions: Organizing of cultivating several times.

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

- 6,000 seedlings of selected medicinal plants were provided for rehabilitation and plantation purposes.
- 2 ha of selected medicinal plant rehabilitation models in natural forests in two communities and 10 selected medicinal plant plantation models in home gardens of local people will be established.
- 60 trainees from local communities were participated in two training courses about surveying and monitoring endangered plant species and silvicultural techniques for conserving and developing these species.

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

The involvement of local communities:

- Local communities directly selected the list of 5-7 rare and threatened medicinal plants with high economic value for in-situ and ex-situ conservation.
- Local communities directly conducted the in-situ and ex-situ conservation models.
- Local communities were participated in training courses.
- Local communities brought out their solutions to protect these medicinal plants in the workshop.

Local communities' benefitted:

- Training courses and participation in the project will provide local people with necessary skills for conserving these species.
- The threatened, rare, and high economic medicinal plants planted in home gardens can be developed into commodities to improve the local income and reduce pressure on natural forest resources.
- Participating in local conservation network will help local communities to have opportunities to receive other fund for conservation and development.

5. Are there any plans to continue this work?

The success of project will be a premise for building up other studies on conservation and sustainable use of medicinal plants in the central region of Vietnam. From that, we have applied other fund and were successful:

- *"Research on propagation and biomass culture in vitro of Herb Paris (Paris polyphylla)".* Funded by Ministry of Education and Training: 2011 -2013.
- *"Model of linkage between farmers and enterprises on development of medicinal plants in Thua Thien Hue province".* Award-winning from the competition "Vietnam Innovation Day 2011", funded by World Bank: 2011 -2012.
- *"Research on some biological characteristics and planting techniques of Stephania rotunda Lour., Salacia chinensis Linnaeus, and Morinda citrifolia L. on the forest land".* Funded by Ministry of Agriculture and Rural Development: Jan, 2010 – Dec, 2012.

In addition, we have republished the reference book of *"Technique of planting and preserving some kinds of Vietnamese traditional medicinal plants"*, Agriculture Publish, Ha Noi: 108 pages. We also published other reference books of *"Technique of planting indigenous forest vegetables"*, Agriculture Publish, Ha Noi: 128 pages that include medicinal plants and *"Planting techniques of Stephania rotunda Lour., Salacia chinensis Linnaeus, and Morinda citrifolia L. on the forest land"*, Agriculture Publish, Ha Noi: 71 pages.

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

- Provide reference books for local communities, students, conservationists, local authorities and others.
- Organise field training courses for neighbour local communities if they have demands.
- Provide seedlings for neighbour local communities if they have demands.
- Develop models of conservation and development medicinal plants to the sandy land in coastal zone of the Central region of Vietnam.

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

The project was implemented on time as planned.

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	Total Budgeted Amount	RSG	Actual	Difference	
A. Research expenses	7,197	5,784	5,784		
1. Supplemental inventory to complete the list of medicinal plants and identify the chosen medicinal plants	1,568	1,568	1,568		
(i) Field survey (2 field trips)	584	584	584		
Hiring car	Hiring car from Hue to study area: 2 field trips x £35/field trips	70	70	70	
Paying for villagers participating in field survey	3 people x 3 days/field trips x 2 field trips x £3/day	54	54	54	
Paying for research team conducting in field survey	6 researchers x 3 days/field trips x 2 field trips x £10/day	360	360	360	
Paying for conservationists of BMNP participating in field survey	2 conservationists x 3 days/field trips x 2 field trips x £5/day	60	60	60	
Data analysis and report writing	2 researchers x 2 days x £10/day	40	40	40	
(ii) Key informant interviews (2 field trips)	584	584	584		
Hiring car	Hiring car from Hue to study area: 2 field trips x £35/field trips	70	70	70	
Paying for villagers providing information	3 people x 3 days/field trips x 2 field trips x £3/day	54	54	54	
Paying for research team conducting in field survey	6 researchers x 3 days/field trips x 2 field trips x £10/day	360	360	360	
Paying for conservationists providing information	2 conservationists x 3 days/field trips x 2 field trips x £5/day	60	60	60	
Data analysis and report writing	2 researchers x 2 days x £10/day	40	40	40	
(iii) Meetings (2 meetings)	400	400	400		

Item		Total Budgeted Amount	RSG	Actual	Difference
Hiring car	Hiring car from Hue to study area: 2 trips x £35/trips	70	70	70	
Paying for villagers participating in meetings	20 people/village x 1 day/village x 2 villages x £3/day	120	120	120	
Paying for research team organizing meetings	6 researchers x 1 day/village x 2 villages x £10/day	120	120	120	
Paying for conservationists of BMNP participating in meetings	5 conservationists x 1 day/village x 2 villages x £5/day	50	50	50	
Data analysis and report writing	2 researchers x 2 days x £10/day	40	40	40	
2. Building up the model		3,776	2,563	2,563	
Paying for local villagers for participation in building up rehabilitation models	Model design: 3 villagers x 2 days x £3/day; boundary mapping: 3 villagers x 2 days x £3/day; Clearance: 10 villagers x 6 days/ha x 2ha/model x £3/day; Digging holes: 10 villagers x 6 days/ha x 2ha/model x £3/day; Planting: 10 villagers x 6 days/ha x 2ha/model x £3/day	1,116	558	558	
Paying for local villagers for participation in building up plantation home garden models	10 home gardens x £50/home garden	500	250	250	
- Paying for local villagers for tending rehabilitation models	10 villagers x 3 days/ha x 2ha/model x 2 times/year x £3/day	360	180	180	
- Paying for students for participation in building up model	Seedlings collection and tagging (10 students collect seedlings for 10 days): 15 students x 10 days x £3/day	450	225	225	
Hiring car for research team	Hiring car from Hue to study area: 4 times x £35/time	140	140	140	

Item		Total Budgeted Amount	RSG	Actual	Difference
members to monitor models (4 times)					
Paying for research team monitoring models	3 researchers x 1 day/time x 4 times x £10/day	120	120	120	
Seedlings	Paying for householders making seedlings (10 famers x 30 days x £3/day)	900	900	900	
Fertilizer	500 kg x £0,3/kg	150	150	150	
Data analysis and report writing	2 researchers x 2 days x £10/day	40	40	40	
3. Training courses and workshop		1,105	905	905	
(i) Training courses for BNP staffs, researchers, and students (2 training courses)		430	350	350	
Materials for training	2 courses x 30 trainees/course x £1/trainee	60	60	60	
Paying for trainer	2 courses x 1 trainer/course x 2 days x £20/day	80	80	80	
Paying for participants	2 courses x 30 trainees/course x £2/trainee	120	120	120	
Hiring car for trainer	Hiring car from Hue to study area: 2 times x £35/time	70	70	70	
Hiring room and equipment for training courses	2 training courses x 1 day x £40/course	80			
Data analysis and report writing	1 researchers x 2 days x £10/day	20	20	20	
(ii) Training courses for local people (2 training courses)		430	350	350	
Materials for training	2 courses x 30 trainees/course x £1/trainee	60	60	60	
Paying for trainer	2 courses x 1 trainer/course x 2 days x £20/day	80	80	80	
Paying for participants	2 courses x 30 trainees/course x £2/trainee	120	120	120	
Hiring car for trainer	Hiring car from Hue to study area: 2 times x £35/time	70	70	70	
Hiring room and equipment for training courses	2 training courses x 1 day x £40/course	80			
Data analysis and report writing	1 researchers x 2 days x £10/day	20	20	20	

Item	Total Budgeted Amount	RSG	Actual	Difference
(iii) Workshop among the related stakeholders (1 workshop)	245	205	205	
Materials for workshop	1 workshop x 30 participants/workshop x £1/participants	30	30	30
Paying for research team participating in workshop	1 workshop x 6 members/workshop x 1 days x £10/day	60	60	60
Paying for participants	1 workshop x 30 participants/workshop x £2/trainee	60	60	60
Hiring car for research team	Hiring car from Hue to study area: 1 time x £35/time	35	35	35
Hiring room and equipment for workshop	1 workshop x 1 day x £40/workshop	40		
Data analysis and report writing	1 researcher x 2 days x £10/day	20	20	20
4. Disseminating the model:	748	748	748	
(i) Making dry specimens, pictures, and posters for teaching, learning, and propagating	173	173	173	
Making dry specimens	50 dry specimens x £2/specimen	100	100	100
Taking pictures	46 pictures x £0,5/picture	23	23	23
Making posters	10 posters x £5/poster	50	50	50
(ii) Publishing technological book	575	575	575	
Paying for writer	1 writer x 25 days x £15/day	375	375	375
Paying for publish house	50 volumes x £4/volumes	200	200	200
B. Indirect costs	216	216	216	
3.1. Accounting help	One part-time accountant will be hired to work for the project, 2 days/month: 2 days/month x 12 months x £4/day	96	96	96
3.2. General office expenses	Office stationary: £5/month x 12months	60	60	60
3.3. Communications costs	Telephone, fax contacting with local area: £5/month x 12 months	60	60	60
TOTAL	7,413	6,000	6,000	Exchange rate: £1 = 30,097VN D.

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

- Continue to implement other funded projects about medicinal plants.
- Continue to search other funds for next step of all projects.
- Continue to publish other documents related to medicinal plants.

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?

We used the RSGF logo for printing the posters and training materials.

11. Any other comments?

We are looking forward to receiving the help of RSGF, for example, continuing to fund for third round of our project to expand model to the sandy land in coastal zone of the Central region of Vietnam and introducing our next proposals to apply the funds from other organisations.