

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	Trang Thi Thu Tran
Project title	Conservation of the threatened conifers in the Dalat Plateau, Vietnam
RSG reference	
Reporting period	Final report
Amount of grant	£6,000
Your email address	Tttww2@mizzou.edu or thutrang.itb@gmail.com
Date of this report	May 24 th 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
To study the spatial distribution of the conifer species through 50 m x 50 m plot methods, and to compile a database on ecological parameters of each species			Yes	
To provide a spatial distribution maps of species: determine species identity, habitat, location, population			Yes	
To observe and record species population size (age and diameter structure)			Yes	
To provide LULC maps during two time periods to discover the historical disturbance to the conifer population			yes	

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

- Weather (local weather is hard to forecast), even we based on the weather forecasted for a whole province and region. Therefore, the project plan was changed due to the weather. We could not reach all the areas intended to establish plots.
- Equipment is also issue that we could not prepare so well. Actually, some 'traditional equipment' has effect on the study than some stuff we got before. It is because when we bought them, we based on knowledge from school. Unfortunately, I study and practised more in the temperate forest than in the tropical forest.

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

The Vietnamese threatened conifers are essentially poorly understood. This study has established six 50m x 50m plots through the study area. We had provided a great understanding of the current age and dbh structure, spatial distribution, and historical disturbance of these threatened conifers. These results allow a greater understanding of their ecology and dynamics. As a result, forest conservationists will have greater recognition of the processes that maintain these conifers and make more informed management decisions

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

The study involved local people, and students in the conservation of the threatened in the Dalat Plateau, Vietnam. The involvement of the local people and students in the study area should be ensured the long-term conservation impacts disseminate the information gathered during the field surveys. The project database is a good source for the follow-up research and conservation project at the Dalat Plateau.

5. Are there any plans to continue this work?

Investments in *in-situ* and *ex-situ* conifer conservation should be strengthened not only at BiDoup-Nui Ba National Park, but throughout the Dalat Plateau, and Vietnam as well. Staff of BiDoup-Nui Ba National Park should continually be trained to develop better expertise in biodiversity conservation work, field work technique, and data analysis which will help supervise follow-up project and conservation special projects.

Cooperation and coordination in research on conservation with local and international organizations, as well as with private stakeholders should be initiated to define future conifer conservation targets at Dalat Plateau, Vietnam.

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

The database and the project results are kept at the Bidup-Nui Ba National Park that will be shared to whom who would concern about this study such as scientists, local people, manager, students, and other national parks. This result is also written to submit to publish at some scientific article publishers.

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

The project has just contributed general information about the coniferous structure and their population during the BDNB National Park. Conservation action is a long-term process that needs to compile data on conservation status of the threatened species. The project also needs time to cooperate, train and generate knowledge from the local communities. Ex-situ conservation of these endangered species also needs to be done.

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.

Please see the attached file. Thank you

Itemized Expenses (in US\$)	Unit/ Qty	Unit price (in £ per unit)		Total Needed	RSG Request	Co-funding	Explain
Project preparation						CWS funding (seeking)	
Communications (telephone/internet/postage)			196.54	98.27	30	68.27	
Printing journal articles/materials			100	40	15	25	
Insurance				0		0	
Visas and permits			130	65		65	Visa to VN and Visa to US
Team training (details)				0		0	

Ecology-biology training	1	500	500	200	20	180	
Technology-Methodology	1	500	500	200	20	180	
Reconnaissance			100	50	10	40	
Medical supplies/first aid			0	0		0	
Tylenol	1	16.96	16.96	8.48		8.48	
Neosporin	1	45.95	45.95	22.975		22.975	
Forest suppliers First Aid Kit	1	43.5	43.5	21.75	21.75	0	
Scientific/field equipment and supplies (details)				0		0	
GPSs (Product ID 61000-00)	1	5,295.00	5295	2647.5	1000	1647.5	
Pen/pencil	1	10	10	5		5	
Storage access holders sheets	2	17.25	34.5	17.25	17.25	0	
Clipboard	4	3	12	6		6	
Aluminium pegs	1	10	10	5		5	
measurement tapes (OTRS-1810-200)	4	48.5	194	97	97	0	
Aluminum tags	4	20.75	83	41.5	20	21.5	
hammers (Plum-Rip Claw Hammers_16oz.Head, 12.875")	4	3	12	6		6	
Flags	10	4.1	41	20.5	10	10.5	
Shears	4	4	16	8	8	0	
Nails	2	10	20	10	10	0	
Old newspapers	50	0.5	25	12.5		12.5	
Plant press	6	10	60	30	30	0	
Alcohol	10	1	10	5		5	
Mounting cards	11	4	44	22		22	
Mounting card displays	12	44.95	539.4	269.7		269.7	
Soil sample bags and ties (Zippit 4-Mil Bags)	2.5	7	17.5	8.75		8.75	
Ziploc Heavy duty, dry bags	1	10	10	5	5	0	each members+plant with alcohol
Tubular soil sampler (19' Model HA)	1	45.95	45.95	22.975		22.975	
Dorzer chest harness	2	39.95	79.9	39.95		39.95	
Complete borers (Suunto, 0.2", bit	1	165	165	82.5		82.5	

length 10")							
Plastic Increment core holder (2000 cores)	20	23.95	479	239.5	239.5	0	
Tracheid wood blocks			0	0		0	
Sandpapers	40	12.95	518	150	100	50	
Razor blades	10	10	100	50	10	40	
Microscope			0	0		0	
Level (Tapcon AT-G1-37708)	1	2190	2190	1095	400	695	
Threat tripods (Topcon 5609)	1	103.5	103.5	51.75	51.75	0	
Compass (Brunton Com/Pro)	4	99	396	198		198	
Cascade designs Map cases	2	14.95	29.9	14.95		14.95	
Binocular (Steiner-Merlin- 10x26)	1	299	299	200	50	150	
Rainwears	30	2	60	30		30	8 team members, 20 local communities, 2 Advisors
Boots +gloves	30	6	180	90		90	8 team members, 20 local communities, 2 Advisors
Hats	30	2	60	30		30	Make in VN, design with project symbol
Photographic equipment			0	0		0	
Olympus	1	300	300	150	100	50	
Software for photograph classification			0	0		0	Ask for support
Camping equipment			0	0		0	
Cooking system: Fire ring	1	20	20	10		10	
Sleeping bags	30	20	600	300		300	
Tracker Pocket flashlight	30	5	150	75		75	
Hurricane lamp	3	4	12	6		6	
Canvas	50	5	250	125		125	
Rope	2	10	20	10		10	
Nylon cord	1	5	5	2.5		2.5	
Field guiders	60	10	600	200		200	
Maps (topology)	6	20	120	76		76	
Satellite images (Landsat TM)	200	20	4000	1000		1000	Ask for low price!

Boat/engine/truck	1	800	800	300	200	100	Rent car from Sg to Dalat-->BidoupNuiBa (to the fields). From Dalat to Dak Lak (Chu Yang Sin) forth and back
Other			0	0		0	
Software (GIS/Remote Seinsing)				0		0	
				0		0	
Sub-total			19649.6	8472.3	2465.25	6007.05	
Project Implementation						0	
Accommodation for team members and local guides	45	15	700	350	100	250	advisors + team leader, 10 nights need to accommodation, the rest time is in the forest
Food fore team members and local guides	1350	5	6750	3375	2000	1375	total eating days are first survey: 60 days x 30 person, second survey: 30x21
Transpotation			0	0		0	
? Flight from US to VN (advisor + team leader)	2	1,420.20	2840.4	1420.2	500	920.2	
From Ha Noi to Dalat	1	175.00	175	87.5		87.5	Advisor
Customs and port duties	1	50	50	25		25	
Workshops	3	200	600	200		200	
Outreach/education activities and materials (brouchures, posters, video, t-shirets, ect.)				0		0	
Posters	8	20	160	70	30	40	
Brochures	1000	1	1000	150	35	115	
T-shirts	100	4	400	150	35	115	
Other			0	0		0	10 top prize, stipend for composing questionaries'
Sub-total			12675.4	5827.7	2700	3127.7	
Post-Project Expenses						0	
Administration	10%	45000	4500	1600	800	800	
Report production and results dissemination	1	200	200	100	34.75	65.25	

Other			0	0		0	
Sub-total			4700	1700	834.75	865.25	
Total in US Dollars			37025	16000	6000	10000	

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

To continue to gather the entire information of the coniferous population structure throughout the Dalat Plateau. To keep study in-situ and ex-situ conservation of these species in the study area. To train, generate, and upgrade the local communities, students, and the parks' managers and rangers.

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?

All of the instruments using for this study were marked by the RSGF logo. I will also use it for a publication on study the spatial distribution and historical of the threatened conifers population in the Dalat Plateau, Vietnam.