

DARWIN INITIATIVE PROJECT SCHEDULE ref: 162/08/154

Organisation name : University of Edinburgh with the Centro Intedisciplinario de Investigacion para el Desarrollo Intregal Regional (CIIDIR)

Name of project : Biodiversity conservation and sustainable use in Mexican cloud forest

Project purpose : To develop conservation methodologies appropriate to existing cultural systems in the cloud forest of El Rincon .

Project objectives : to strengthen the capacity of CIIDIR to undertake research into conservation and use of biodiversity; to undertake a programme of inventory and research into the biodiversity of the El Gavilan area; to investigate the ecological impact of extraction of forest products by local people; on the basis of the results obtained, to develop a management plan for the conservation and sustainable management of montane cloud forest.

Length of project : April 1999 for 3 years

Total project cost : £252,000

Darwin funding profile : 1999/2000 £32,350; 2000/2001 £15,650; 2001/2002 £16,950

Other sources of funding : From the institutions £62,350 p.a. covering staff costs and overheads, also some capital equipment.

Expenditure profile : see Table A

Target outputs : see Table B

Implementation timetable with milestones : see Table C

Key staff inputs : see Table D

| | |
|---|--|
| Reporting requirements : 31 October 1999 | First report (1.4.1999 to 30.9.1999) |
| 30 April 2000 | Annual report (1.4.1999 to 31.3.2000) |
| 31 October 2000 | Six month report (1.4.2000 to 30.9.2000) |
| 30 April 2001 | Annual report (1.4.2000 to 31.3.2001) |

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|-----------------|--|
| 31 October 2001 | Six month report (1.4.2001 to 30.9.2001) |
| 30 April 2002 | Annual report (1.4.2001 to 31.3.2002) |
| 30 June 2002 | Final report. |

Arrangements for monitoring trainee outcomes : The trainees will be monitored formally by the official supervisor of each student project. The official supervisors will be senior researchers associated with the project, who are staff members of one of the collaborating institutions. These institutions have formal arrangements for student supervision, which will be adhered to. The destination and future career development of each of the trainees after the project will be monitored through existing arrangements at the collaborating institutions.

Table A

| PROJECT COST | | | | |
|---|------------------|----------------|----------------|--------------|
| Total Darwin Grant : £64,950 | | | | |
| Annual Darwin Grant | | | | |
| ↳ | 1999/2000 | £32,350 | | |
| ↳ | 2000/2001 | £15,650 | | |
| ↳ | 2001/2002 | £16,950 | | |
| DARWIN GRANT : EXPENDITURE DETAILS | | | | |
| Expenditure details | 1999/2000 | 2000/01 | 2001/02 | Total |
| Rents, rates, heating, lighting, cleaning | | | | |
| Postage, telephone, stationery | | | | |
| Travel, subsistence | | | | |
| Printing | | | | |
| Conferences, seminars, training | | | | |
| Capital items: vehicle, computer, microscope, equipment | | | | |
| Other: Journals, books, training fees. | | | | |
| Salaries | | | | |

Table B

| PROJECT OUTPUTS | | |
|------------------------|------------------------|---|
| Year | Output ref. no. | Details |
| 1999/2000 | 4C/D | 2 trainees come to the UK for 3-4 weeks for training (Oct) |
| | 8 | Two British staff members spend a total of 4 weeks in Mexico (June) |
| | 16A | Webpage established (Aug) |
| 2000/2001 | 4C/D | 2 trainees come to the UK for 3-4 weeks for training (Oct) |
| | 8 | Two British staff members spend 4 weeks in Mexico (May) |
| | 22 | 10 field plots established (Oct) |
| 2001/2002 | 4C/D | 2 trainees come to the UK for 3-4 weeks for training (Ovt) |
| | 23 | Equipment costing £18,000 handed over to CIIDIR (Mar) |
| | 13A | Species collection handed over to host country (Mar) |
| | 11A | 1 paper completed and published (Mar) |
| | 11B | 5 papers submitted for publishing (Mar) |
| | 8 | One British staff member spends 4 weeks in Mexico (May) |
| | 14A | Workshop held for students, researchers and technical staff from a variety of institutions, numbering 25 in total, lasting three days (Mar) |
| | 15A | 1 press release issued in Mexico (Mar) |
| | 9A | 2 species / habitat management plans delivered to relevant policy makers (Mar) |

During the project, at least three Mexican postgraduate students will receive qualifications (MSc / PhD) by the end of Year 3. The research work towards these degrees will be undertaken as part of this project, and their field costs will be supported. These students will also be able to take advantage of the training secondments to the UK funded in this project. However, the costs of their tuition fees and their living expenses will be met from other sources. Therefore, these students have been listed under Output 4 above rather than Output 1 or 2. In addition, at least two MSc students from the University of Edinburgh will be able to undertake secondments to Mexico, to undertake collaborative research projects and to exchange skills. These students could be of any nationality (depends on the composition of the class) but are likely to be European.

Table C

| PROJECT IMPLEMENTATION TIMETABLE | |
|---|--|
| Date | Key milestones |
| 1999/2000 | <p>2 trainees in the UK for 3-4 weeks for training [on conservation biology / ecological genetics] [Oct]</p> <p>British staff [two] spend 4 weeks in Mexico [June / July]</p> <p>Webpage for network established [Aug]</p> <p>Research work starts on field plots and level of use in secondary forest [May]</p> <p>Study starts on forest dynamics in secondary forest [May]</p> <p>Equipment purchased [Sept]</p> |
| 2000/2001 | <p>2 trainees in the UK for 3-4 weeks for training [herbarium curation, biodiversity assessment] [Oct]</p> <p>British staff [two] spend 4 weeks in Mexico [May]</p> <p>10 field plots established [Mar]</p> |
| 2001/2002 | <p>Data collection complete [Mar]</p> <p>Draft management plans developed [Mar]</p> <p>2 trainees in the UK for 3-4 weeks for training [data analysis, modelling, GIS, biodiversity assessment] [Mar]</p> <p>Equipment costing £18,000 handed over to CIIDIR [Mar]</p> <p>Species collection handed over to host country [Mar]</p> <p>1 paper completed and published [Mar]</p> <p>5 papers submitted for publishing [Mar]</p> <p>British staff [two] spend 4 weeks in Mexico [May]</p> <p>Workshop held for students, researchers and technical staff from a variety of institutions, numbering 25 in total, lasting three days [Mar]</p> <p>1 press release issued in Mexico [Mar]</p> <p>2 species / habitat management plans delivered to relevant policy makers [Mar]</p> |

Table D

| KEY STAFF INPUTS | | | |
|--|--------------------------------|------------------|------------------|
| Name | Grade/Position | | |
| Dr Adrian Newton | Lecturer, research coordinator | | |
| Dr Richard Ennos | Lecturer, trainer | | |
| Dr Theo Allnutt | Research assistant, trainer | | |
| <u>Mexico</u> | | | |
| Dr Rafael F del Castillo | Researcher, coordinator | | |
| Dr Jose Mendoza | Researcher | | |
| Dr Miguel Salas | Researcher | | |
| Sonia Argueta | Research assistant | | |
| Nahum Vargas | Research assistant | | |
| Martha Cruz | Research assistant | | |
| STAFF TIME ALLOCATIONS (% of time spent on this work) | | | |
| Name | 1999/2000 | 2000/2001 | 2001/2002 |
| Dr Adrian Newton | 20 | 20 | 20 |
| Dr Richard Ennos | 5 | 5 | 5 |
| Dr Theo Allnutt | 30 | 30 | 0 |
| Dr Rafael F del Castillo | 100 | 100 | 100 |
| Dr Jose Mendoza | 10 | 10 | 10 |
| Dr Miguel Salas | 40 | 40 | 40 |
| Sonia Argueta | 100 | 100 | 100 |
| Nahum Vargas | 100 | 100 | 100 |
| Martha Cruz | 100 | 100 | 100 |