## **Darwin Initiative: Half Year Report**

(due 31 October 2010)

Project Ref No EIDPO041

Project Title DARWIN INITIATIVE: Post Project Funding.

Protecting galaxiids from salmonid invasions in Chile and

the Falklands

Country(ies) UK, Chile, Falkland Islands, USA

**UK Organisation** Swansea University, Aberystwyth Univesity

Collaborator(s) Universidad de Los Lagos (Chile), Falklands Islands Government

(Falkland Islands), Oregon State University (USA), US Geological Survey

(USA)

Project Leader Dr. Carlos Garcia de Leaniz

Report date 10 Feb 2011

Report No. (HYR

1/2/3/4)

Project website www.biodiversity.cl

1

- 1. Outline progress over the last 6 months (April September) against the agreed baseline timetable for the project (if your project has started less than 6 months ago, please report on the period since start up).
- 1.1. Sampling of endangered galaxiids, habitat data, and collection of broodstock Yes, progress according to plan
- 1.2. Genetic analysis and estimates of effective pop size and gene flow Yes, first analysis completed .Paper being drafted
- 1.3. Isotopic & elemental analysis for estimates of connectivity Yes, paper being drafted
- 2.2.Training on RAS technology, molecular and isotopic techniques and enrolment in MRes in Aquatic Ecology and Conservation in UK (2 yrs)

MRes applications submitted for academic year 2011/2012. RAS ordered, and guidelines and protocols for captive breeding developed

Three presentations at conferences were given:

Date: 17-21 May

Venue: International Symposium in Advances in the Population Ecology of Stream Salmonids

Author(s): Consuegra, S; Phillips, N; Gajardo, G; Garcia de Leaniz, C

Title: Salmonid invasions: rainbow trout and the genetic paradox of invasions

Date: 17-21 May

Venue: International Symposium in Advances in the Population Ecology of Stream Salmonids

Author(s): Garcia de Leaniz, C; Howes, P.N., Withlock, K.

Title: Exotic salmonids as agents of selection

Date: 14 October

Venue: Cardiff University

Author(s): Consuegra, S; Phillips, N; Gajardo, G; Garcia de Leaniz, C

Title: Spinning the invasion roulette: multiple escapes contribute to the establishment success of invasive

salmonids in Chile

The following paper was submitted for publication to Systematics and Biodiversity:

Garcia de Leaniz, C.; Gajardo, G.; Consuegra, S. From Best to Pest: changing perspectives on the impact of exotic salmonids in the Southern Hemisphere. Systematics and Biodiversity

2. Give details of any notable problems or unexpected developments that the project has encountered over the last 6 months. Explain what impact these could have on the project and whether the changes will affect the budget and timetable of project activities.

Due to the Chile earthquake, the field work was delayed. We asked for an extension of the deadline of the project, and re-profiled the budget distribution accordingly (see below). Ordering of the RAS equipment was delayed but this did not have any major any impact on the project as partners in Chile and the Faklnads were able maintain broodstock in temporary, existing facilities

Have any of these issues been discussed with LTS International and if so, have changes been made to the original agreement?

Due to the Chile earthquake, there was delay in the start of the fied part o the project and asked DI to extend the deadline of the project. Text of the request copied below:

We requested two changes:

Estimated carryforward request: £

- 1. A change to the end date. New end date: 30 August 2011. The start date remains the same (1 April 2010) as we have already done some preparatory work and analyses in Swansea.
- 2. A revision to the budget spread to cover the costs in the last 5 months of activities; so we request that the funds for our two overseas partners (U. Los Lagos and Falklands Islands Government) be moved by 5 months and to go into the next quarter. This includes the proportional allocation of salaries, conferences, overheads, office rental, international travel, national travel, field work, captive breeding costs, dissemination, as well as all the capital equipment.

Discussed with LTS: yes, july 2010	
Formal change request submitted: yes, 2 july 2010	
Received confirmation of change acceptance yes , july 2010	
3. Do you expect to have any significant (eg more than £5,000) underspend in your budget for this year?	
Yes  No X	
If yes, and you wish to request a carryforward of funds, this should be done as soo possible. It would help Defra manage Darwin funds more efficiently if you could gindication of how much you expect this request might be for.	

4. Are there any other issues you wish to raise relating to the project or to Darwin's management, monitoring, or financial procedures? None other than those outlined above

If you were asked to provide a response to this year's annual report review with your next half year report, please attach your response to this document. Please note: Any <u>planned</u> modifications to your project schedule/workplan or budget should <u>not</u> be discussed in this report but raised with LTS International directly.

Please send your **completed form by email** to Eilidh Young at <u>Darwin-Projects@ltsi.co.uk</u>. The report should be between 1-2 pages maximum. <u>Please state your project reference number in the header of your email message eg Subject: 17-075 Darwin Half Year Report</u>