

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	<i>Dr. Carlos Garcia de Leaniz</i>
Report date	<i>10 Feb 2011</i>
Report No. (HYR 1/2/3/4)	<i>1</i>
Project website	www.biodiversity.cl

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*:

