

REPORT

Taxonomic training & access to collections in Belgium

NOTICE

The present questionnaire must arrive with the Belgian National Focal Point to the Global Taxonomy Initiative within one month of the official closure of the capacity building visits. Electronic submission on the general e-mail address of the Belgian GTI NFP (cbd-gti@naturalsciences.be) is strongly encouraged. If electronic submission should however be impossible, paper copies may be sent by fax or ordinary mail. The Belgian GTI NFP will acknowledge receipt of all project reports.

If grantees have relevant pictures to illustrate their capacity building visit, these may be annexed to the report. The Belgian National Focal Point might use some of these pictures in one of its reporting activities, but only after the copyright holder has given his permission.

Contact and further information

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PART I – CANDIDATE INFORMATION	
Family name:	Henri
First name(s):	Herrera
Nationality:	Ecuadorian
Date of arrival and departure in / from Belgium	26 September 2011 / 26 October 2011
Number of training days:	30
Type of visit	<input type="checkbox"/> Mainly training in taxonomy and collection management <input type="checkbox"/> Mainly access to collections <input checked="" type="checkbox"/> Other, <i>specify</i> : "Taxonomic clarification of the endemic ant <i>Camponotus planus</i> and completion of the taxonomic key of the Galapagos ants (scanning electron microscope images)
Location of training:	<input checked="" type="checkbox"/> Royal Belgian Institute of Natural Sciences, Brussels <input type="checkbox"/> Royal Museum for Central Africa, Tervuren <input type="checkbox"/> National Botanic Garden of Belgium, Meise <input type="checkbox"/> Other, <i>specify</i>
PART II - GENERAL INFORMATION	
Describe concisely how you have learned about the Belgian GTI Project	During 2007 my first experience with Belgian GTI Project, I received training in taxonomy and collection management. Part of results of this training can be appreciated in: http://www.darwinfoundation.org/datazone/checklists/terrestrial-invertebrates/
Describe concisely how you have learned about this specific call for proposals	I received a mail about the GTI convocation 2010
If this was your first study visit financed via the Belgian GTI National Focal Point, describe concisely why you needed capacity building in taxonomy and collection management	Na

<p>If this was not your first study visit financed via the Belgian GTI National Focal Point, describe concisely why you needed further support</p>	<p>My Project about DNA study of <i>Camponotus planus</i> (endemic ant) has been impossible to carry out it in Galápagos, we have not laboratories or specialists on this kind of Studies . In other hand to create the key of the Galapagos ants is necessary the use of scanning electron microscope. On the islands we have not this tool and technician who can operate the system.</p>
<p>Describe concisely what support (e.g. training, access to collections,...) you have received and how this training can be related to taxonomy and /or collection management</p>	<p>I received training in extraction of DNA and use of Taxonomic key. This will permit to know the real status of <i>C. planus</i> on the islands. Also will permit to identify other alien species of ants.</p>
<p>Describe concisely how your gained capacity will help you in your professional duties</p>	<p>I will be able to replicate my experience with other groups of terrestrial invertebrates.</p>
<p>Describe concisely how your gained capacity will be implemented in your institution</p>	<p>Training to volunteers and rest of people that work in the Terrestrial Invertebrates Collection of the Charles Darwin Foundation</p>
<p>Describe concisely what other support you eventually would need</p>	<p>Study the ant fauna from other places, this material is in RBINS Collection.</p>
<p>Describe concisely what infrastructural and human resources you and your institution eventually still need to become fully functional</p>	<p>We need:</p> <ul style="list-style-type: none"> • Stereoscopes • Automontage • Equipment in order to collect • Entomological Boxes (Museum) • Forceps • Insects pins • Cabinets • Insect Boxes (storage)

Describe concisely how you think the Belgian GTI National Focal Point could further construct capacity for you and your institution	Supporting studies or activities that for different reasons is not possible to make it in Galapagos
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PART III – TAXON SPECIFIC INFORMATION

What is your taxon of interest	Hymenoptera: Formicidae
Describe concisely the different methodologies for collecting your taxon.	<p>I use:</p> <ul style="list-style-type: none"> • Transects • Pitfall Trap • Baits • Winkler (Protocol ALL) • Visual Research • Malaise
Describe concisely how to best preserve collected specimens of your taxon for taxonomic purposes	To preserve the biological material is important to do it inside ethanol (high concentrations) and entomological pins (Dry Collection)
Describe concisely the best practice in the management of a collection of your taxon	<ol style="list-style-type: none"> 1. To keep the material in alcohol 2. To Keep the material also in the cabinets (Pinning - Other part of the samples) 3. To create labels for all specimens (alcohol and mounted material) 4. To keep in order the material (cabinets and alcoholic collection /Alphabetic or phylogenetic order) 5. Copy the information and up load in the data base:: http://www.darwinfoundation.org/datazone/checklists/terrestrial-invertebrates/
Describe concisely how you intend to make your taxonomic data available to other colleagues	<p>See http://www.darwinfoundation.org/datazone/checklists/terrestrial-invertebrates/</p>

<p>Have you been briefed on the aims, scope and contents of the journal <i>AbcTaxa</i>?</p>	<p>Yes</p>
<p>Do you think you have enough capacity to make a contribution to <i>Abc Taxa</i>?</p>	<p> <input type="checkbox"/> No, I still lack capacity <input checked="" type="checkbox"/> Yes, if I get adequate guidance and support from my tutors <input type="checkbox"/> Yes, I feel able to do this autonomously <input type="checkbox"/> Other, <i>specify</i> </p>
<p>If you feel capable to contribute meaningfully to <i>Abc Taxa</i>, are you willing to do so</p>	<p> <input type="checkbox"/> No <input checked="" type="checkbox"/> No, I have no time to develop such a capacity building manual <input type="checkbox"/> Yes, I will send a proposal along the lines stipulated on the website of <i>Abc Taxa</i> </p>

Brussels, 21 November 2011