

<p>Curriculum Vitae Thibaut DELSINNE - Ph.D.</p>

Personal data

Date and place of birth: 12 February 1978; Lille (France)

Citizenship: French

Addresses: *Private:* Avenue Charbo, 1; B-1030 Brussels (Belgium)

Professional: Royal Belgian Institute of Natural Sciences; Section of Biological Evaluation; Rue Vautier, 29; B-1000 Brussels (Belgium).

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Research interests

Biological conservation, biodiversity monitoring, Formicidae: community ecology, behaviour, invasive species, chemical ecology, biogeography, taxonomy.

Present position

2007-present: Research Associate, Royal Belgian Institute of Natural Sciences (RBINS) - Belgian Biodiversity Information Facility (BeBIF). I am working in a postdoctoral position to digitize a reference collection of ants from the Paraguayan dry Chaco and to make it accessible on an interactive website.

Education

2002 - 2007: Doctoral studies (Ph.D.), RBINS - University of Brussels, Belgium (ULB). Thesis title: "*Structure of ant assemblages along an aridity gradient in the Paraguayan dry Chaco.*"

Advisors: Maurice Leponce (RBINS) and Yves Roisin (ULB).

Available at <http://theses.ulb.ac.be/ETD-db/collection/available/ULBetd-09252007-171119/>

2001: Pre-doctoral studies (D.E.A.) in Biology of Evolution and Ecology, University of Montpellier, France (UMII). Mention Assez Bien.

2000: Master Population and Ecosystem Biology, University of Lille, France (USTL)
Mention Bien. Ranked 2 out of 104.

1999: Bachelor in Organism Biology, USTL
Mention Bien. Ranked 1 out of 205.

1998: Two year degree (D.E.U.G.) in Life Sciences, USTL
Mention Bien. Ranked 10 out of 450.

Professional training

05-15 August 2004: student at the "**Ant Course 2004**"; La Selva Biological Station, Costa-Rica.
http://www.calacademy.org/research/entomology/ant_course/

Language capability

French: mother tongue, English (fluent), Spanish (fluent), German (basic, under training), Dutch (basic, under training).

Publications and professional services

PEER-REVIEWED ARTICLES

Delsinne T., Leponce M., Theunis L., Braet Y., Roisin, Y.: Rainfall influences ant sampling in dry forests. *Biotropica*, *accepted for publication*.

Delsinne T., Roisin Y., Leponce M., 2007: Spatial and temporal foraging overlaps in a Chacoan ground-foraging ant assemblage. *Journal of Arid Environments*, 71: 29-44.

Delsinne T., Morisson M., Schoe F., Bichou Y., Jean-Jacques R., Carpier-Toxe M., Kelle L., 2003: Nidification du pluvier de Wilson *Charadrius wilsonia cinnamominus* sur le littoral de l'Ouest guyanais. *Alauda*, 71 (2): 261-268.

Heil M., **Delsinne T.**, Hilpert A., Schürkens S., Andary C., Linsenmair K.E., Sousa M., McKey D., 2002: Reduced chemical defence in ant-plants ? A critical re-evaluation of a widely accepted hypothesis. *Oikos*, 99 (3): 457-468.

Delsinne T., Jourdan H., Chazeau J., 2001: Premières données sur la monopolisation de ressources par l'envahisseur *Wasmannia auropunctata* (Roger) 1863 au sein d'une myrmécophage de forêt sèche néo-calédonienne. *Actes Coll. Insectes Sociaux*, 14: 1-5.

IN PREPARATION

Delsinne T., Leponce M., Herbauts J., Roisin Y., *in prep*: Influence of aridity and soil on the distribution and diversity of ant assemblages and dominant plant species in the Paraguayan dry Chaco.

Delsinne T., Roisin Y., Leponce M., *in prep*: Spatial co-occurrence in ground-foraging ant assemblages along an aridity gradient in the Paraguayan dry Chaco.

Delsinne T., Hardy O., Roisin Y., Leponce M., *in prep*: Taxonomic structure of ant assemblages along aridity gradients.

Delsinne T., MacKay W., Wild A., Roisin Y., Leponce M., *in prep*: Distribution and diversity of the cryptic ant genus *Oxyepoecus* (Formicinae: Myrmicinae) in Paraguay.

Mackay W., **Delsinne T.**, *in prep*: A new species of carpenter ant (Hymenoptera: Formicidae: *Camponotus*) from Paraguay with a key to the New World members of the *maculatus* species complex.

Pollet M., Brown B., Cumming J., **Delsinne T.**, Gaimari S., Hanson P., Irwin T., Jaschhof M., Kerr-Hibbs P., Soon V., Wood M., Woodley N., Zumbado M., *in prep*. Coloured traps and insect communities along three mountain ranges in Costa Rica.

BOOK CHAPTER

Barré N., **Delsinne T.**, Fontaine B., *pending (July 2008)*. Terrestrial bird communities in Santo. In: Trouvilliez (ed) The Natural History of Santo.

DISSERTATIONS

2001: Ecologie chimique d'un mutualisme de protection. Impact des défenses biotiques sur l'investissement dans le système des défenses chimiques des plantes myrmécophytes. Mémoire de DEA. Université de Montpellier II. 35p+annexes.

2000: Etude de l'invasion en forêt sclérophylle néo-calédonienne de la fourmi peste *Wasmannia auropunctata* (Roger) 1863. Mémoire de Maîtrise. Université des Sciences et Technologies de Lille. 63p+annexes.

SYMPOSIA

24-28 July 2005: English talk at the "Association for Tropical Biology and Conservation" (ATBC) meeting; Uberlândia, Brazil.

12-15 July 2004: English poster at the ATBC meeting. Miami, United-States.

- 01-03 September 2003: French talk at the "Union Internationale pour l'Etude des Insectes Sociaux – Section Française" (UIEIS-SF) meeting. Brussels, Belgium.
- 07 July 2003: English talk at the RBISN, during the Ph.D. student exchange with the "Natural History Museum" of London. Brussels, Belgium.
- 03 September 2002: French poster at the "Société d'Etudes Ornithologiques de France" (SEOF) meeting. Strasbourg, France.
- 06-08 September 2000: French poster at the UIEIS-SF meeting. Dijon, France.

MANUSCRIPT REVIEWS FOR:

Chapters from the book "Hormigas Cazadoras de Colombia", Instituto de Recursos Biológicos "Alexander von Humboldt", *in prep.* (2008).

Grants & Gift awarded

Ph.D. financial supports:

- Fonds pour la formation à la Recherche dans l'Industrie et dans l'Agriculture (FRIA)
- Fonds National de la Recherche Scientifique (FNRS).
- Fonds Léopold III pour l'Exploration et la Conservation de la Nature.
- Fondation L. et H. FREDERICQ - Classe des Sciences de l'Académie Royale de Belgique.
- Fonds David et Alice van BUUREN.

Research experiences

TRAINING EXPERIENCES WITH ANTS

October-November 2006: Field experience during the international research projects IBISCA-Queensland (Australia) and IBISCA-Santo (Vanuatu) [www.ibisca.net]. I sampled the ant assemblages distributed from the ground to the canopy levels of forests located along altitudinal gradients.

February-November 2001: Pre-doctoral training at the "Centre National de la Recherche Scientifique" (CNRS), Montpellier, France. I studied the chemical ecology of different ant-plant symbioses. Advisors: Doyle McKey and Claude Andary.

April-May 2000: Master training at the "Institut de Recherche pour le Développement" (IRD), Noumea, New Caledonia. I studied the invasive ant species *Wasmannia auropunctata* and its competitive ability in a dry forest of New Caledonia. Advisors: Jean Chazeau and Hervé Jourdan.

OTHERS EXPERIENCES

22-26 October 2007: Participation at the organization of the first meeting for the negotiation of an Agreement on the Conservation of Gorillas and their Habitats. This Agreement is under the auspices of the UN Convention on Migratory Species (CMS). (www.sciencesnaturelles.be/sciences/projects/gorilla).

May-August 2002: Volunteer work in collaboration with the W.W.F. of Cayenne, French Guyana. I participated at the protection of laying beaches of sea turtles (tourist guide, protection of isolated sites, biometric survey of *Dermochelys coriacea*) and I studied sea birds (*Charadrius wilsonia* reproduction particularly). Supervisor: Laurent Kelle.

January 2001: Pre-doctoral training at the Herpetological Laboratory of the Australian Museum, Sydney, Australia. I studied the taxonomic status of the Scincidae lizard *Caledoniscincus austrocaledonicus* thanks to morphological survey. Advisor: Ross Sadler.

August 1999: Volunteer training at the "Office National des Forêts" (ONF), Saint-Sébastien, France. I inventoried birds (in particular prey birds) present at the Obiou mountain. Advisor: Jean-Pierre Agresti.

January-February 1998: DEUG training at the "Vallée des Papillons", Le Carbet, Martinique, France. I studied butterfly breeding. Advisor: Hervé Damico.