



Integrative Physiology and Behavioural Ecology

BODY MÉLANIE

35 rue de l'Eglise
17430 Saint-Coutant-Le-Grand
FRANCE
33 (0)6 70 10 89 82
melaniebody_46@hotmail.fr

Born on July 18th, 1985
In Chambray-Les-Tours
French citizenship
Civil status: Single
French driving licence

CURRENT POSITION

2009-2012

THESIS IN BIOLOGY

Plant manipulation by endophyte organism: physiological mechanisms, marking and nutritional consequences in a miner insect

Advisors
Hosting team
Laboratory

Prof. David Giron (david.giron@univ-tours.fr)
“Physical Ecology and Multitrophic Interactions”
Institut de Recherche sur la Biologie de l’Insecte (IRBI) UMR CNRS 6035
University François Rabelais
Avenue Monge, Parc Grandmont
37200 TOURS Cedex, FRANCE

Laboratory skills

Insects and plants’ manipulation, colorimetric dosages of carbohydrates and starch, capillary electrophoresis, respirometry

European PhD School ‘Insect Sciences and Biotechnology’
French PhD School ‘Health, Sciences, Technology’

HIGHER EDUCATION AND DIPLOMA

2008-2009

MASTER RESEARCH 2ND YEAR IN INSECT SCIENCES

University François Rabelais, Tours, FRANCE
Rank 3/14, with honours

2007-2008

MASTER 1ST YEAR IN POPULATION BIOLOGY

University François Rabelais, Tours, FRANCE
Option behavioural ecology, quantitative ecology and evolutive genetic
Rank 7/35, with honours

2003-2007

BACHELOR’S DEGREE IN INTEGRATIVE AND EVOLUTIVE BIOLOGY

University François Rabelais, Tours, FRANCE
Option behavioural biology, genetic, ecology

2003

HIGH-SCHOOL DIPLOMA IN SCIENCE

(French, *Baccalaureat*)
Jean Monnet High-school, Joué-Les-Tours, FRANCE

RESEARCH TRAINING

- NOVEMBER 2008 – OCTOBER 2009** **TRAINING OF MASTER RESEARCH 2ND YEAR**
Differential use of energetic substrates in a parasitoid wasp *Eupelmus vuilletti*
Advisor Prof. Jérôme Casas (jerome.casas@univ-tours.fr)
Hosting team “Physical Ecology and Multitrophic Interactions”
Laboratory Institut de Recherche sur la Biologie de l’Insecte (IRBI) UMR CNRS 6035
University François Rabelais
Avenue Monge, Parc Grandmont
37200 TOURS Cedex, FRANCE
Laboratory skills Insects’ manipulation, colorimetric dosages of proteins (Bradford Method), of lipids (Van Handel Method) and of carbohydrates (Van Handel Method), respirometry
- MARCH 2008 – MAY 2008** **RESEARCH TRAINING OF MASTER 1ST YEAR**
Study of escape behavioural and implication of different sensory systems in the wood cricket *Nemobius sylvestris*
Rank 1/35, with honours
Advisor PhD. Fabienne Dupuy (fabienne.dupuy@univ-tours.fr)
Prof. Claudio Lazzari (claudio.lazzari@univ-tours.fr)
Prof. Jérôme Casas (jerome.casas@univ-tours.fr)
Hosting team “Neuro-Ethology”
“Physical Ecology and Multitrophic Interactions”
Laboratory Institut de Recherche sur la Biologie de l’Insecte (IRBI) UMR CNRS 6035
University François Rabelais
Avenue Monge, Parc Grandmont
37200 TOURS Cedex, FRANCE
Laboratory skills Insects’ manipulation, behavioural set-up (arena), piston controlled by computer, camera video

SUPERVISION OF STUDENTS

- APRIL 2010 – JUNE 2010** **Florence Gutzwiller**
RESEARCH TRAINING OF MASTER 1ST YEAR
Direct determination of energetic substrates by respirometry in a parasitoid wasp *Eupelmus vuilletti*
Advisor Prof. Jérôme Casas (jerome.casas@univ-tours.fr)
Hosting team “Physical Ecology and Multitrophic Interactions”
Laboratory Institut de Recherche sur la Biologie de l’Insecte, TOURS

PUBLICATIONS

Dupuy Fabienne, Casas Jérôme, Body Mélanie and Lazzari Claudio. **Danger detection and escape in wood crickets.** *In preparation*

INTERESTS

SPORT

BASKET-BALL: 8 years – competitions in regional level

TENNIS: 3 years – competitions, Interest for motorbike

DIVERSE

Informatics, reading, drawing, guitar, arts and crafts, mechanical basics

DIVERSE

LANGUAGES

FRENCH: native language

ENGLISH (fluently read, written and spoken): academic level – 14 years

TOEIC (2008): 630/990 (oral understanding: 275/495, written: 355/495)

GERMAN (basis): high-school level – 5 years

ITALIAN (notions): high-school level – 1 year

LATIN (notions): school level – 1 year

FRENCH SIGN LANGUAGE (FSL): level 1 validated

INFORMATICS


Windows XP/vista, Word, Excel, Power Point, Open Office, Internet, site web creation, Photoshop, statistical softwares: R, Minitab, Statistica, SigmaPlot, SigmaStat

INFORMATICS AND INTERNET CERTIFICATE (C2I): level 1 validated

REFEREES

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 david.giron@univ-tours.fr

 33(0)247367349

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