

Caroline Fromont

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EDUCATION	Hawkesbury Institute for the Environment, Western Sydney Uni, Australia Ph.D. Candidate in Molecular Ecology Supervision: James Cook, Markus Riegler	02/2013-present
	University of Lyon, France M.sc in Geography - Interface Nature and Societies	2011-2012
	Agrocampus Ouest, Rennes, France M.sc in Agronomy - Crop Protection and Environment	2008-2011
	Lycee Jean-Baptiste Say, Paris, France Preparatory classes (equivalent to an undergraduate degree) - Majors in Biology and Chemistry, minors in Physics and Mathematics	2006-2008
PROFESSIONAL EXPERIENCES	Next-Generation sequencing facility, Western Sydney Uni, Australia Senior Technical Officer—MiSeq and HiSeq platforms <u>Supervision:</u> Caroline Janitz	03/2016-present
	Hawkesbury Institute for the Environment, Western Sydney Uni, Australia Research Assistant - Diversity of fig wasps <u>Supervision:</u> Jane DeGabriel, James Cook	03/2016–05/2016
	Behavioural Biology Research Group, Macquarie Uni, Australia Research Assistant - Development of immune assays for Queensland fruit fly <u>Supervision:</u> Fleur Ponton	03/2016-present
	Western Sydney Uni, Australia Demonstrator, Invertebrate Biology	2014-2015
	Hawkesbury Institute for the Environment, Western Sydney Uni, Australia “Australian psyllids in complex interactions : species, populations, parasitoids and endosymbionts” Fieldwork DNA extraction and sequencing Phylogeny NGS: shotgun and 16S amplicon sequencing Population genetics Biogeography <u>Supervision:</u> James Cook, Markus Riegler	02/2013-present

INRA and YNSECT, Versailles, France “Optimization of diets given to insects (<i>Tenebrio molitor</i> and <i>Hermetia illucens</i>) for protein production for animal and human consumption” Identification industry by-products Insect rearing Feeding assay <u>Supervision</u> : Frederic Marion-Poll (INRA), Antoine Hubert (Ynsect)	03/2012-10/2012
IRD/ICIPE - International Centre for Insect Physiology & Ecology, Nairobi, Kenya “Study of potential gene flow of Kenyan populations of <i>Busseola fusca</i> , focus on some dispersal and reproductive aspects” Fieldwork Study of flight in wind tunnel Controlled crosses <u>Supervision</u> : Pascal Campagne, Bruno Le Ru	03/2011-09/2011
Museum National d’Histoire Naturelle, Paris, France Bat monitoring in Paris Project coordination and Bat recording <u>Supervision</u> : Christian Kerbiriou	08/2010
Agroproj’, Morocco Comparison of agricultural techniques in 2 villages Creation of the association Interviews with farmers and local organizations	2009-2010
University of Sydney, Australia “Influence of the macronutrient intake on <i>Tenebrio molitor</i> immune response” Insect rearing Diet preparation Immune assay <u>Supervision</u> : Fleur Ponton, Steve Simpson	08/2009-2/2010

PUBLICATIONS	Ponton F., Lalubin F., Fromont C. , Wilson K., Behm C., Simpson S.J. (2011) Hosts use altered macronutrient intake to circumvent parasite-induced reduction in fecundity. <i>International Journal of Parasitology</i> 41 (1) 43-50 Fromont C. , Riegler M., Cook J.M. (2015) Characterisation of fourteen microsatellite markers for the Australian fig psyllid, <i>Mycopsylla fici</i> . <i>Australian Journal of Zoology</i> 63 (4) 233-235 Hall A.A.G., Morrow J.L., Fromont C. , Steinbauer M.J., Taylor G.S., Johnson S.N., Cook J.M., Riegler M. (2016) Codivergence of the primary bacterial endosymbiont of psyllids versus host switches and replacement of their secondary bacterial endosymbionts. <i>Environmental microbiology</i>
PUBLICATIONS IN REVIEW	Fromont C. , Riegler M., Cook J.M. (<i>In Review</i>) Phylogeographic analyses of bacterial endosymbionts in fig homotomids (Hemiptera: Psylloidea) reveal co-diversification and host dependency on both primary and secondary endosymbionts. Fromont C. , DeGabriel J.L., Riegler M., Cook J.M. (<i>In Review</i>) Diversity and host specificity of three <i>Mycopsylla</i> species (Hemiptera: Homotomidae) and their <i>Psyllaephagus</i> parasitoids (Hymenoptera: Encyrtidae) on figs (<i>Ficus</i>).

GRANTS & FELLOWSHIPS	ABRS Travel Grant for Association for Tropical Biology and Conservation conference (AU\$1650)	2015
	Hawkesbury Institute for the Environment Postgraduate Research Award	2013-2016
WORKSHOPS	Introduction to phylogenetic analysis University of Sydney, Australia Simon Ho and Sebastian Duchene	2013
	GenAlex—Genetic Analysis for population studies Australian National University, Canberra, Australia Rod Peakall and Peter Smouse	2013

REFEREES

Markus Riegler (PhD Advisor)
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Fleur Ponton (Internship Advisor, Sydney University)
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Pascal Campagne (Internship Advisor, ICIPE, Kenya)
University of Liverpool
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