

BENOIT GUÉNARD

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Website : <http://benoitguenard.wordpress.com/>

Citizenship: French

Birth Date: 26/01/1981

CURRENT POSITION (since September 1st 2014)

Assistant Professor, School of Biological Sciences, University of Hong Kong, Hong Kong.
Curator of the School of Biological Sciences Museum

EDUCATION

2012 (Feb.)- Post-Doctoral researcher in Dr. Evan Economo's laboratory of Biodiversity and
2014 (Aug.) Biocomplexity, Okinawa Institute of Science and Technology

2007-2011 **PhD** (Biology) North Carolina State University
Committee members: Dr. Robert R. Dunn (*advisor*), Dr. James F. Gilliam, Dr. Jules Silverman, Dr. Andrew V. Suarez, Dr. Edward L. Vargo.
Dissertation: Ant diversity from local to global scales: effects of environmental conditions, community structure and biological invasions.

2003-2006 **Master's degree** (Biology) Université du Québec à Montréal
Committee members: Dr. Eric Lucas (*advisor*), Dr. André Francoeur (*co-advisor*), Dr. Jacques Brodeur, Dr. Denis Réale
Thesis: Ant-aphid mutualism and aphidophagous guild associated: the case of furtive predation.

2003 **B.S.** (Biology) Université du Québec à Montréal

PUBLICATIONS

2016 **Guénard B**, J Shik, D Booher, D Lubertazzi & G Alpert. Extreme polygyny in the previously unstudied subtropical ant *Temnothorax tuscaloosae* (Hymenoptera: Formicidae), with implications for the biogeographic study of the evolution of polygyny. *Insectes Sociaux* (Accepted)

Wong M, & **B Guénard** (2016) *Leptanilla hypodracos*, a new species of the cryptic ant genus *Leptanilla* (Hymenoptera: Formicidae) from Singapore, with new distribution data and an updated key to Oriental *Leptanilla* species. *Zookeys* 551: 129–144.

Wong M, & **B Guénard** (2016) *Aenictus seletarius*, a new species of hypogaeic army ant from Singapore, with an updated key to the *Aenictus minutulus* species group (Hymenoptera: Formicidae: Dorylinae) from Southeast Asia. *Annales Zoologici* 66: 35–42.

Wong M, & **B Guénard** (2016) First confirmed record of the ant genus *Myrmecina* (Hymenoptera, Formicidae) from the Malay Peninsula: description of a new species and a key to *Myrmecina* species from Sundaland. *Journal of Hymenoptera Research* 50:129–140.

Luo YY, & **B Guénard**. *Paratopula bauhinia* (Hymenoptera: Formicidae), a new nocturnal species from Hong Kong, with an updated taxonomic key and a discussion on the ecology of the genus. *Asian Myrmecology* 8: 1–16.

Bharti H, **B Guénard**, M Bharti, & EP Economo (2016) An updated checklist of the ants (Hymenoptera: Formicidae) of India with their specific distributions in Indian states. *Zookeys* 551: 1–83.

Liu, C, **B Guénard**, B Blanchard, YQ Peng, & EP Economo (2016) Reorganization of taxonomic, functional, and phylogenetic ant biodiversity after conversion to rubber plantation. *Ecological Monographs* 86: 215–227.

Wepfer P, **B Guénard**, & EP Economo (2016) Influences of climate and historical land connectivity on ant beta diversity in East Asia. *Journal of Biogeography* (In Press).

Janicki JH, N Narula, M Ziegler, **B Guénard** & E Economo (2016) Visualizing and interacting with large-volume biodiversity data using client-server web mapping applications: The design and implementation of antmaps.org. *Ecological Informatics* 32: 185–193.

Amorim DS, CMD Santos, F Krell, A Dubois, SS Nihei, OMP Oliveira, A Pont, H Song, VK Verdade, DA Fachin, B Klassa, CJE Lamas, SS Oliveira, CJB de Carvalho, CA Mello-Patiu, E Hajdu, MS Couri, VC Silva, RS Capellari, RL Falaschi, RM Feitosa, L Prendini, JP Pombal, F Fernández, RM Rocha, JE Lattke, U Caramaschi, M Duarte, AC Marques, RE Reis, O Kurina, DM Takiya, M Tavares, D Silva Fernandes, FL Franco, F Cuzzo, D Paulson, **B Guénard**, BC Schlick-Steiner, W Arthofer, FM Steiner, BL Fisher, RA Johnson, TD Delsinne, DA Donoso, PR Mulieri, LD Patitucci, JM Carpenter, L Herman, & D Grimaldi (2016) Timeless standards for species delimitation. *Zootaxa* (In Press).

2015 **Guénard B**, V Perrichot, & EP Economo (2015) Integration of global fossil and modern biodiversity data reveals dynamism and stasis in ant macroecological patterns. *Journal of Biogeography* 42(12), 2302–2312.

Guénard B, & EP Economo (2015) Additions to the checklist of the ants (Hymenoptera: Formicidae) of Peru. *Zootaxa* 4040(2), 225–235.

Liu C, **B Guénard**, F Hita Garcia, Sk Yamane, B Blanchard, & EP Economo (2015) New records of ant species from Yunnan, China. *Zookeys* 477, 17–68.

Fisher BL, **B Guénard**, & S Robson (2015) Borneo, fANTastique! *Asian Myrmecology* 7: 171–174.

Wetterer J, **B Guénard**, & D Booher (2015) Geographic spread of *Vollenhovia emeryi* (Hymenoptera: Formicidae). *Asian Myrmecology* 7, 171–174.

Probst R, **B Guénard** & B Boudinot (2015) Toward understanding the predatory ant genus *Myopias* (Formicidae: Ponerinae), including a key to global species, male-based generic diagnosis, and new species description. *Sociobiology* 62(2), 192–212.

Sarnat E, G Fischer, **B Guénard**, & EP Economo (2015) Introduced *Pheidole* of the world: taxonomy, biology and distribution. *Zookeys* 543, 1–109.

Economo EP, P Klimov, E Sarnat, **B Guénard**, MD Weiser, B Lecroq, & LL Knowles (2015) Global phylogenetic structure of the hyperdiverse ant genus *Pheidole* reveals the repeated evolution of macroecological patterns. *Proceedings of the Royal Society of London B: Biological Sciences* 282, 20141416

Economo EP, E Sarnat, M Janda, R Clouse, P Klimov, G Fisher, B Blanchard, L Ramirez, A Andersen, M Berman, **B Guénard**, A Lucky, C Rabeling, EO Wilson, & LL Knowles (2015) Breaking out of biogeographic modules: range expansion and taxon cycles in the hyperdiverse ant genus *Pheidole*. *Journal of Biogeography* 42(12), 2289–2301.

2014 **Guénard B**, A Cardinal-de Casas & RR Dunn (2014) High diversity in an urban habitat: Are some animal assemblages resilient to long-term anthropogenic change? *Urban Ecosystems* DOI 10.1007/s11252-014-0406-8.

Savage A, B Hackett, **B Guénard**, E Youngsteadt & RR Dunn (2014) Fine-scale heterogeneity across Manhattan's urban habitat mosaic is associated with variation in ant composition and richness. *Insect Conservation and Diversity* 8(3), 216–218.

2013 **Guénard B** & TP McGlynn (2013) Intraspecific thievery in the ant *Ectatomma ruidum* is mediated by food availability. *Biotropica* 45(4), 497–502.

Guénard B, B Blanchard, C Liu, DR Yang, & EP Economo (2013) Rediscovery of the rare ant genus *Bannapone* (Hymenoptera: Formicidae: Amblyoponinae) and description of the worker caste. *Zootaxa* 3734(3), 371–379.

Guénard B (2013) An overview of species and ecological diversity of ants. *Encyclopedia of Life Sciences*, John Wiley & Sons Ltd: Chichester DOI: 10.1002/9780470015902.a0023598.

Jenkins C, **B Guénard**, SE Diamond, MD Weiser & RR Dunn (2013) Global conservation planning for ant and vertebrate diversity. *Diversity and Distribution* 19(8), 1084–1092.

Bertelsmeier C, **B Guénard** & F Courchamp (2013) Current and future potential distribution of the invasive Asian needle ant. *PlosOne* 8(10), e75438. doi:10.1371/journal.pone.0075438.

Lucky A, MD Trautwein, **B Guénard**, MD Weiser & RR Dunn (2013) Tracing the rise of ants-out of the ground. *PlosOne* DOI: 10.1371/journal.pone.0084012.

Sarnat E, B Blanchard, **B Guénard**, J Fasi, & EP Economo (2013) Checklist of the ants of

the Solomon Islands and a new survey of Makira island. *Zookeys* 257, 47–88.

2012 **Guénard B**, MD Weiser & RR Dunn (2012) Global models of ant diversity suggest regions where new discoveries are most likely are under disproportionate deforestation threat. *Proceedings of the National Academy of Sciences* 109(19), 7368–7373.

Guénard B & RR Dunn (2012) A checklist of the ants of China. *Zootaxa* 3558, 1–77.

Guénard B, KA McCaffrey, A Lucky, & RR Dunn (2012) Ants of North Carolina: an updated list (Hymenoptera: Formicidae). *Zootaxa* 3552, 1–36.

Guénard B & A Poitras Lariviere (2012) Social life. In Messier C, LA Giraldeau & B Beisner, editors, *Nature all around us: a guide to urban ecology*. University of Chicago Press, USA.

Rodriguez-Cabal MA, KL Stuble, **B Guénard**, RR Dunn, & NJ Sanders (2012) Disruption of ant-seed dispersal mutualisms by the invasive Asian needle ant (*Pachycondyla chinensis*). *Biological Invasions* 14(3), 557–565.

2011 **Guénard B** & J Silverman (2011). Tandem-carrying, a new foraging strategy in ants: description, function and adaptative significance relative to other described foraging strategies. *Naturwissenschaften* 98(8), 651–659.

Guénard B & A Lucky (2011) Improved method to collect ground dwelling insects and its implication for large scale comparison. *Environmental Entomology* 40(6), 1523–1529.

Menke SB, **B Guénard**, JO Sexton, MD Weiser, RR Dunn & J Silverman (2011) Urban areas may serve as habitat and corridors for dry-adapted, heat tolerant species; an example from ants. *Urban Ecosystems* 14, 135–163.

Roura-Pascual N, C Hui, T Ikeda, G Leday, DM Richardson, S Carpintero, X Espadaler, C Gómez, **B Guénard**, S Hartley, P Krushelnycky, PJ Lester, MA McGeoch, SB Menke, JS Pedersen, J Pitt, J Reyes, NJ Sanders, AV Suarez, Y Touyama, D Ward, PS Ward & SP Worner (2011) The relative roles of climatic suitability and anthropogenic influence in determining the pattern of spread in a global invader. *Proceedings of the National Academy of Sciences* 108(1), 220–225.

Jenkins CN, AN Andersen, X Arnan, CA Brühl, X Cerda, AM Ellison, BL Fisher, MC Fitzpatrick, NJ Gotelli, AD Gove, **B Guénard**, JE Lattke, JP Lessard, TP McGlynn, SB Menke, CL Parr, SM Philpott, NJ Sanders, MD Weiser & RR Dunn (2011) Global diversity in light of climate change: the case of ants. *Diversity and Distributions* 17(4), 652–662.

2010 **Guénard B** & RR Dunn (2010) A new (old), invasive ant in the hardwood forests of eastern North America and its potentially widespread impacts. *PlosOne* 5(7), e11614. doi:10.1371/journal.pone.0011614.

Guénard B, MD Weiser & RR Dunn (2010) Global generic richness and distribution: new maps of the world of ants with examples of their use in the context of Asia. *Asian Myrmecology* 3, 21–28.

Guénard B. 2010. Book review: Adventures among ants - A global safari with a cast of trillions by Mark W. Moffett. *Integrative and Comparative Biology*, 50(5), 914.

Yashiro T, K Matsuura, **B Guénard**, M Terayama RR Dunn (2010) On the evolution of the species complex *Pachycondyla chinensis* (Hymenoptera: Formicidae: Ponerinae), including the origin of its invasive form and description of a new species. *Zootaxa* 2685, 39–50.

Weiser MD, NJ Sanders, D Agosti, A Ellison, A Andersen, B Fisher, H Gibb, N Gotelli, A Gove, K Gross, **B Guénard**, M Janda, M Kaspari, JP Lessard, JT Longino, J Majer, SB Menke, TP McGlynn, C Parr, S Philpott, J Retana, AV Suarez, H Vasconcelos, S Yanoviak & RR. Dunn (2010) Canopy and litter ant assemblages share similar climate-species density relationships. *Biology Letters* 6(6), 769–772.

2009 Dunn RR, D Agosti, A Andersen, C Bruhl, X Cerda, A Ellison, B Fisher, MC Fitzpatrick, H Gibb, N Gotelli, A Gove, **B Guénard**, M Janda, M Kaspari, E Laurent, JP Lessard, JT Longino, J Majer, TP McGlynn, SB Menke, C Parr, S Philpott, M Pfeiffer, J Retana, AV Suarez, H Vasconcelos, MD Weiser & NJ Sanders (2009) Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. *Ecology Letters* 12, 324–333.

Dunn RR, **B Guénard**, MD Weiser, & NJ Sanders (2009) Geographic gradients in the diversity, abundance, size, and ecological consequences of ants. *In*: L. Lach C. Parr and K. Abbot, editors, *Ant Ecology*. Oxford University Press.

2007 Dunn RR., NJ Sanders, MC Fitzpatrick, E Laurent, JP Lessard, D Agosti, A Andersen, C Bruhl, X Cerda, A Ellison, B Fisher, H Gibb, N Gotelli, A Gove, **B Guénard**, M Janda, M Kaspari, JT Longino, J Majer, TP McGlynn, S Menke, C Parr, S Philpott, M Pfeiffer, J Retana, AV Suarez & H Vasconcelos (2007). Global ant biodiversity and biogeography: a new database and its possibilities. *Myrmecological News* 10, 77–83.

2006 **Guénard B** & A Poitras Lariviere (2006) La vie en société. *In* Messier C, LA Giraldeau & B Beisner, editors, *L'écologie en ville*. Fides. Montréal, Canada.

MANUSCRIPTS IN REVIEW

Weiser MD, **B Guénard**, CN Jenkins, NJ Sanders & RR Dunn. Compositional similarity and biogeographic provincialism of ants. *Submitted*.

Economio EP, M Janda, **B Guénard**, & Eli Sarnat. Assembling a species-area curve through colonisation, speciation, and human-mediated introduction. *Submitted*

TECHNICAL REPORTS

Guénard B & CA Drew (2011) Ant species of MacKay Island and Back Bay National Wildlife refuges: results of opportunistic sampling in diverse habitats in July 2010. Prepared for Mackay Island National Wildlife Refuge, U. S. Fish and Wildlife Service.

Drew CA & **B Guénard** (2009) Collection of *Crematogaster atkinsoni* (Wheeler) on Mackay Island National Wildlife Refuge, Knotts Island, North Carolina. Prepared for Mackay Island National Wildlife Refuge, U. S. Fish and Wildlife Service.

GRANTS AND AWARDS

- 2016 Environment and Conservation Fund HK (HK\$ 499,820)
- 2016 Ocean Park Conservation Foundation (HK\$ 397,000)
- 2016 HKU Interdisciplinary Knowledge Exchange Project Fund, co-PI with Dr. Tommy Tse & Dr. Carmen Tong (Department of Sociology) (HK\$ 200,000)
- 2016 Seed Funding Programme for Basic Research, HKU (HK\$ 80,470)
- 2016 Kadoorie Farm & Botanic Garden Grant (HK\$ 25,000)
- 2015 Experiential Learning Fund HKU (HK\$ 4,000)
- 2015 Hong Kong International Airport Environmental Fund (HK\$ 790,305)
- 2015 Seed Funding for Basic Research for New Staff, HKU (HK\$ 120,000)
- 2010 Global Change Fellow, awarded by the Southeast Climate Science Center
- 2009 Grant from the Keck center for behavioral biology
- 2008-09 Best presentation award, Graduate Student Symposium Department of Biology, NCSU (US\$ 200)
- 2008 NSF International research and education: planning: visits and workshops (US\$ 8,484): Understanding the factors that govern invasion (and coexistence), a case study with an anomalous Asian ant*
- 2008 Harkema grant, Zoology department, NCSU (US\$ 650)
- 2005 Excellence Grant, UQAM foundation (US\$ 1,500)
- *I was lead writer on this grant, on which my advisor, RR Dunn, was officially PI.

SCIENTIFIC MEETINGS (NATIONAL AND INTERNATIONAL)

- 2015 Economo E., **B. Guénard**, M. Weiser & N. Narula. Global patterns of diversity and diversification rate in ants. *Ecological Society of Japan*, Kagoshima, Japan (oral presentation).
- Wepfer P., **B. Guénard** & E. Economo. The effect of historical land connectivity on ant species composition in the Japanese Archipelago. *International Biogeography Society Meeting*, University of Bayreuth, Germany (Poster).
- 2014 **Guénard B**, M. Weiser & E Economo. Ant global diversity: opening new possibility in ant-biology. *International Union for the Study of Social Insects*, Cairns, Australia (oral presentation).
- Economo E., E. Sarnat, **B. Guénard**, & L. Knowles. Island communities in the context of

- global hyperdiversification. *International Union for the Study of Social Insects*, Cairns, Australia (oral presentation).
- Liu C., **B. Guénard**, & E. Economo. How do agricultural practices in South China affect ant communities? *International Union for the Study of Social Insects*, Cairns, Australia (poster).
- 2013 **Guénard B**, V Perrichot & E Economo. Modern and historical ant biotas reveal dynamic processes in the formation of communities. *International Biogeography Society conference*, Montréal, Canada (oral presentation).
- Guénard B**, V Perrichot & E Economo. Global ant biogeography and the importance of Asia in its modern and past diversity history. *ANeT 9th International conference*, Kota Kinabalu, Sabah, Malaysia (oral presentation).
- Guénard B**, V Perrichot & E Economo. Global distribution and extinction dynamics in ant communities. *Recent advances of entomology in the Kyushu-Okinawa region*, Okinawa, Japan (poster).
- 2011 Frank S, Widney S*, M Green*, W Blankenship*, **B Guénard**, I McAreavy*, DM Sorger*, H Stansell*, M Thoemmes* & RR Dunn. Urbanization creates a hostile environment for native tree. *Ecological Society of America*, Austin, USA (poster).
- 2010 **Guénard B**, MD Weiser and RR Dunn. Where are the last frontiers for ant new discoveries? *International Union for the Study of Social Insects*, Copenhagen, Denmark (poster).
- 2008 **Guénard B**, J Silverman, & RR Dunn. Consequences of a cryptic invasive ant - Local extinctions mediated by behavior? *International Union for the Study of Social Insects*, breakout meeting, Puerto Rico (oral presentation).
- 2006 **Guénard B**, A Francoeur, & É Lucas. Entretien des colonies aphidiennes par les fourmis, un bénéfice pour les prédateurs furtifs? *French section of the International Union for the Study of Social Insects* (oral presentation).
- 2005 **Guénard B**, A Francoeur, & É Lucas. Annual meeting of *Quebec's Society of Entomology* (SEQ), Montréal (oral presentation).
- 2005 **Guénard B**, A Francoeur, & É Lucas. *International Organization for Biological and Integrated Control of Noxious Animals and Plants* (IOBC) (oral presentation).
- 2004 **Guénard B** & É Lucas. Annual meeting of *Quebec's Society of Entomology* (SEQ), Montréal (oral presentation).
- 2004 **Guénard B** & É Lucas. Annual meeting of *Quebec's Society for the Biological Study of Behavior* (SQEBC), Sherbrooke (oral presentation).
- 2003 **Guénard B** & É Lucas. Annual meeting of *Quebec's Society of Entomology* (SEQ), Québec (oral presentation).
- 2003 **Guénard B** & É Lucas. Annual meeting of *Quebec's Society for the Biological Study of Behavior* (SQEBC), Montréal (oral presentation).

SCIENTIFIC PRESENTATIONS (INVITED)

- 2015 **Guénard B.** Insight on insects global biodiversity, the case of ants. Xishuangbanna Tropical Botanical Garden Departmental Seminar, Chinese Academy of Sciences, China.
- 2014 **Guénard B.** Global to local diversity patterns in insects: understanding the little things that run the world and their consequences. 20th June 2014, Departmental Seminar, Department of Environmental Sciences and Technology, University of the Ryukyus.
- 2014 **Guénard B., P. Wepfer, & E. Economo.** Historical and environmental factors influencing diversity patterns and community composition in Japanese islands. 61st meeting of the Ecological Society of Japan, 14-18th March 2014, Hiroshima, Japan.
- 2013 **Guénard B.** Global diversity of ants: past, modern and future distributions and their importance for conservation. Xishuangbanna Tropical Botanical Garden Departmental Seminar, Chinese Academy of Sciences, China.
- 2012 **Guénard B.** Spread and consequences of an unusual invasive ant species: the case of *Pachycondyla chinensis*. Invited speaker at the symposium on evolutionary community ecology of biological invasion: a lesson from social insects; 59th meeting of the Ecological Society of Japan, Kyoto, Japan.
- 2012 **Guénard B.** Challenges pour la biodiversité dans un monde qui fourmille. Institut de Biologie et d'Ecologie Appliquée, Université Catholique de l'Ouest, France.
- 2011 **Guénard B.** Global to local ant diversity patterns: understanding our ignorance to reduce biodiversity loss. Museum of Comparative Zoology/ Pierce Lab/ Ant Room Harvard, USA.
- 2011 **Guénard B.** Ant diversity: from global to local patterns: understanding our ignorance to reduce biodiversity loss. Grand Valley State University, USA.
- 2010 **Guénard B.** Invited participant to the *Hymenoptera Anatomy Ontology* meeting of the *Encyclopedia of Life Biodiversity Synthesis Group*.
- 2007 **Guénard B.** Graduate school of Environmental Science, Okayama University, Japan.

SCIENTIFIC PRESENTATIONS (In-House)

- 2011 **Guénard B., MD Weiser & RR Dunn.** Graduate Student Research Symposium, Department of Biology, NCSU (oral presentation).
- 2011 Robertson* KE, **B Guénard** (mentor), & RR Dunn. Summarizing NC State University Undergraduate Research Symposium.
- 2010 Cardinal-De-Casas* A.R., **B Guénard** (mentor), and RR Dunn. NC State University Undergraduate Research Symposium.
- 2009 **Guénard B., & T McGlynn.** Graduate Student Research Symposium, Department of Biology, NCSU (oral presentation).
- 2009 **Guénard B., & T McGlynn.** W.M. Keck Student and Post-doc Symposium, NCSU (oral presentation).
- 2008 **Guénard B., J Silverman, & RR Dunn.** Graduate Student Research Symposium, Department of Biology, NCSU (oral presentation).
- 2008 **Guénard B., J Silverman, & RR Dunn.** W.M. Keck Student and Post-doc Symposium, NCSU (oral presentation).

- 2007 **Guénard B**, J Silverman, & RR Dunn. Graduate Student Research Symposium, Department of Biology, NCSU (oral presentation).
- 2006 **Guénard B**. NCSU Social Insect Group (oral presentation).
- * Mentored undergraduate students.
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TEACHING

Course taught (as lecturer and course coordinator)

The University of Hong Kong

- 2015- Insect Ecology (BIOL3419) (since Fall 2015)
- 2015- Terrestrial Ecology (BIOL2619/BIOL3319) (since Spring 2015)
- 2014- Field course part for Ecology and Evolution (BIOL2306)

Course taught (as teaching assistant)

North Carolina State University

- 2010 Field Ecology and Methods (BIO 460)
- 2009 Field Ecology and Methods (BIO 460)
- 2008 Field Ecology (ZO 495)

Université du Québec à Montréal

- 2005 Animal Diversity (BIA 1601)
- 2005 Methodology in Ecology (BIA 3010)
- 2004 Animal Diversity (BIA 1601)
- 2004 Methodology in Ecology (BIA 3010)
- 2004 Statistics (BIA 1601)

Workshop developed and taught (as sole instructor)

2010 *Ant Taxonomy and Systematics*. Ant phylogeny, morphology and identification. Taught in January and October 2010 at NCSU to students, post-doctoral students and technicians from several departments and other universities (12 to 15 participants).

PROFESSIONAL MEMBERSHIPS AND SERVICES

Memberships: American and French sections of the International Union for the Study of Social Insects, ANeT, Association for Tropical Biology and Conservation, Ecological Society of Japan, Quebec's Society of Entomology (SEQ), Students representative SEQ (2004-2005).

Reviewer for: *Annals of the Entomological Society of America*, *Asian Myrmecology*, *Biological Invasions*, *Bioscience*, *Check List*, *Diversity and Distributions*, *Ecography*, *Ecological Applications*,

Ecological Entomology, Ecological Research, Ecology & Evolution, Halteres, Insect Conservation and Diversity, Insectes Sociaux, Journal of Biogeography, Journal of Insect Behavior, Journal of the Torrey Botanical Society, Michigan Journal of Sustainability, Myrmecological News, Naturwissenschaften, Northeastern Naturalist, Oecologia, Oikos, PLoS ONE, Raffles Bulletin of Zoology, Sociobiology, Tropical Conservation Science, Web Ecology, Zoological Studies.

Editor for: *Asian Myrmecology* (since 2014), *Check List* (subject editor for Hymenoptera-2014).

TRAINING AND PROFESSIONAL DEVELOPMENT

- 2013 Workshop on Quebec Center for Biodiversity Science, Biodiversity Science Intensive School, McGill University, Montreal, Canada, 25th Nov – 6th Dec.
- 2011 Workshop in Canopy Biology, Raleigh, USA 11-13 May
- 2010 Tropical Biology: an Ecological Approach OTS course, January - March. Costa Rica.
- 2008 Ant course, Venezuela, August, training in ants' ecology, field collection techniques, systematics and taxonomy.
- 2004 Introduction to ants' systematics with Dr. André Francoeur, Université du Québec à Chicoutimi, Canada
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PUBLIC OUTREACH AND PROFESSIONAL WEBSITES

- 2016 Public lecture at the Hong Kong Wetland Park: “*Tiny Architects*”
- 2016 Lectures at the Lycée Français of Hong Kong and Independent Schools Foundation
- 2015-16 Series of conferences in Hong Kong: *Café Scientifique, Hong Kong Natural History Society*
- 2015 Leader of the insect group at the *Hong Kong Bioblitz*
- 2012-13 Tutor for the School of Sciences program (6-9 years old children), August 12-13th.
- 2013-14 Presentations of research developed at OIST to high-school students (OIST).
- 2010 Invited speaker at the Audubon Society, Greensboro, NC.
- 2010 Scientific presentation at the Museum of Natural History, Raleigh.
- 2009-11 Bug fest at the Museum of Natural History, Raleigh.
- 2009 Wiley Science Night, Wiley Elementary School.
- 2005 Insectarium of Montreal.
- 2004 Summer Camp supervisor, Biodôme de Montréal.
- 2004 Outdoor supervisor of Corvée du Mont-Royal, Montréal.
- 2004 Member of the scientific jury, Sciences Festival, Montréal.
- 2004 Promotion of entomology and sciences in different schools of Montreal (2004-2006).

Antmaps.org: distribution maps of over 15,100 ant species, genera and subfamilies, based on the data compiled in the Global Ant Biodiversity Informatics project. <http://antmaps.org/>

Ant Genera of the World: distribution maps of all extant ant genera. Led by Guénard, in collaboration with Dr. Mike D. Weiser. Design by Neil McCoy.

http://www.antmacroecology.org/ant_genera/index.html

This work is also displayed on the Encyclopedia Of Life (EOL.org), Antwiki.org and the Map of Life Project (mappinglife.org).

Ants of China: Checklist of the different species of ants found in China.
<http://www.antweb.org/china.jsp>

Ants of North Carolina: Checklist of the different species of ants found in North Carolina with pictures illustration.

<http://www.antweb.org/northcarolina.jsp>

FIELD EXPERIENCE

Australia (2007), Borneo (2013-2014), Canada (2002-2006), China (Yunnan, 2013, 2016), Costa Rica (2008, 2010), France (2006), Hong Kong (2014-2016), Japan (2007-2009, 2012-2014), Panama (2010), USA (2006-2011), Thailand (2015), Venezuela (2008).

Language: French (fluently), English (fluently), Spanish (proficiency).

REFERENCES

Dr. Rob R. Dunn, Associate Professor, Department of Biology, North Carolina State University.

E-mail: rob_dunn@ncsu.edu

Phone Number: 919.513.7569

Website: <http://robdunnlab.com/>

Dr. Evan Economo, Assistant Professor, Biodiversity and Biocomplexity Unit, Okinawa Institute of Science and Technology.

E-mail: evaneconomo@gmail.com

Phone Number: (+81) 098-966-8850

Website: <http://arilab.unit.oist.jp/>

Dr. Jules Silverman, Charles G. Wright Distinguished Professor, Department of Entomology, North Carolina State University.

E-mail: jules_silverman@ncsu.edu

Phone Number: 919.513.2468

Website: <http://www.cals.ncsu.edu/entomology/silverman/>

Dr. Edward Vargo, Professor and Interim Department Head, Department of Entomology, North Carolina State University.

E-mail: ed_vargo@ncsu.edu

Phone Number: 919.513.2743

Website: <http://www4.ncsu.edu/~elvargo/>