

LUC LEBLANC

Nationality: Canadian

Profession: Entomologist

Spoken and written languages: French (mother tongue) and English (fluent)

Current address: University of Idaho
Department of Plant, Soil and Entomological Sciences (PSES)
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HIGHER EDUCATION

- 1982-1986** Bachelor of Sciences in Agriculture (BScAgr)
MacDonald College (McGill University), Montréal, Québec, Canada
Concentration: Zoological Sciences with emphasis on entomology
- 1986-1988** Master of Sciences (MSc)
Carleton University, Ottawa, Canada
Concentration: Entomology (Systematics of Ichneumonidae)
Supervisor: Dr. Stewart B. Peck
- 2004-2010** Doctor of Philosophy (PhD)
University of Hawaii at Manoa, Honolulu, Hawaii
Concentration: Entomology (Nontarget effects of fruit fly lures)
Supervisor: Dr. Daniel Rubinoff

EMPLOYMENT

October 2015 to present

University of Idaho, Department of Plant, Soil and Entomological Sciences,
875 Perimeter Drive MS 2339, Moscow, ID, 83844-2339

Position: Operations Supervisor, Museum Manager

Duties: Manage and curate the 2-million specimen W.F. Barr Entomological Museum, including loans to other institutions and databasing museum holdings. Conduct taxonomic research on Dacine fruit flies and support the entomological research programs of the university. Teach lectures and labs in UI Entomology courses. Conduct statewide extension program in insect diagnostics and local outreach in entomology to youth and adult audiences. Write grant proposals, publish papers in peer-refereed journals, write peer-reviewed extension publications, deliver presentations at scientific meetings, and manage museum fiscal and human resources. Participate in UI student recruitment and marketing efforts.

Supervisor: Professor Edward Bechinski (University of Idaho)

January 2011 to September 2015

University of Hawaii, College of Tropical Agriculture and Human Resources,
3050 Maile Way Room 310, Honolulu, Hawaii 96822-2271

Position: Junior Researcher entomologist

Duties: Identification to species level of pest fruit flies (Tephritidae: Dacinae) intercepted in quarantine surveillance traps (USDA-APHIS) in United States and sampled during

surveys in Africa and Tropical Asia. Databasing and preservation of identified specimens as reference collections of pinned specimens and preserved material for further analysis using molecular techniques. Curation and databasing of specimens in the University of Hawaii and the Bishop Museum collections. Compilation of taxonomic publications and identification keys to the economic species of *Bactrocera* and *Dacus*. Publication of host records of the Pacific Islands fruit flies. Development of an interactive database on world species of Dacine fruit flies and their distribution and host plants.

Supervisor: Professor Daniel Rubinoff (University of Hawaii) and Dr. Scott Geib (USDA-ARS, Hilo, Hawaii)

September 2009 to December 2010

University of Hawaii, College of Tropical Agriculture and Human Resources,
3050 Maile Way Room 310, Honolulu, Hawaii 96822-2271

Position: Teaching Assistant

Duties: Assist in teaching the laboratory components of the General Entomology and Foundation of Pest Management courses. Restoration and curation of the long neglected University of Hawaii entomology teaching collection. Curation of the University of Hawaii Insect Museum (research collection).

Supervisor: Professor Helen Spafford (University of Hawaii)

October 2004 to August 2009

University of Hawaii, College of Tropical Agriculture and Human Resources,
3050 Maile Way Room 310, Honolulu, Hawaii 96822-2271

Position: Junior Researcher entomologist

Duties: Research on evaluation of the environmental impact of fruit fly female attractants and male lures on non-target insects, as a component of the Area-Wide fruit fly IPM project, implemented by the US Department of Agriculture and the University of Hawaii. Biodiversity surveys of endemic Hawaiian Drosophilidae in endemic and agricultural ecosystems. Compilation of a reference collection of Hawaiian insects (mostly Diptera), integrated to the University of Hawaii Insect Museum and the Bishop Museum (Honolulu).

Supervisor: Professor Daniel Rubinoff (University of Hawaii)

February 2003 to September 2004

University of Hawaii, College of Tropical Agriculture and Human Resources,
3050 Maile Way Room 310, Honolulu, Hawaii 96822-2271

Position: Junior Researcher; fruit fly entomologist

Duties: Mass production of melon fly (*Bactrocera cucurbitae*) for field control by Sterile Insect Technique, as a component of the Area-Wide fruit fly IPM project, implemented by the US Department of Agriculture and the University of Hawaii.

Supervisors: Professor Ronald Mau (University of Hawaii) and Dr. Donald O. McInnis (US Department of Agriculture).

August 1999 to December 2002

Secretariat of the Pacific Community (SPC), Private mail Bag, Suva, Fiji Islands

FAO/AusAID/UNDP/SPC Project RAS/97/331 "Regional Management of Fruit Flies in the Pacific" (until December 2000), replaced since 2001 by the Fruit Fly Management – Project on Pest management in the Pacific

Position: Entomologist (Fruit Flies)

Duties: Coordination of the Regional Project's involvement in Papua New Guinea, Solomon Islands, Vanuatu, Wallis and Futuna, French Polynesia and New Caledonia. Regular technical backstopping country visits to the above countries, plus Palau, Federated

States of Micronesia and Nauru. Coordination of whole project from April 2000 to February 2001. Advisory involvement in the Nauru and French Polynesia fruit fly eradication programs. Creation and webmastering of Pacific Fruit Fly Web site <http://www.spc.int/pacifly>. Publication of country status reports, technical reports and pest advisory leaflets on fruit flies and their management in the Pacific. Compilation of regional information database on fruit fly distribution, host records and economic impact of fruit flies throughout the Pacific region. Creation of Pacific regional fruit fly reference collection (> 120 species).

Supervisors: Mr. Allan J. Allwood: Chief Technical Advisor, FAO/AusAID/UNDP/ SPC Project RAS/97/331 "Regional Management of Fruit Flies in the Pacific" (until April 2000). Dr. Mick Lloyd: Head of plant Protection Service, Secretariat of the Pacific Community (after April 2000).

August 1997 to August 1999

United Nations Development Programme, P.O. Box 1041,
Port Moresby, Papua New Guinea

FAO/AusAID/UNDP/SPC Project RAS/97/331
"Regional Management of Fruit Flies in the Pacific"

Position: United Nations Volunteer Entomologist

Duties: Establishment of fruit fly research laboratory in Papua New Guinea, including building renovations. Research on fruit fly biology and control, including trapping, host fruit surveying, damage assessments, field control by bagging and protein bait spraying and laboratory rearing. Establishment of quarantine surveillance in PNG Island Provinces. Demonstration of control methods to farmers and in schools. Development of databases to preserve trapping, host surveying and lab colony data. Training of national counterpart staff and quarantine and extension agents. Coordination of fruit fly activities throughout PNG via national staff in fruit fly laboratories in Lae and Port Moresby. Publication of a newsletter, extension leaflets, survey reports and regular technical reports.

Supervisor: Mr. Allan J. Allwood: Chief Technical Advisor, FAO/AusAID/UNDP/SPC Project RAS/97/331 "Regional Management of Fruit Flies in the Pacific".

November 1994 to July 1997

United Nations Development Programme, Private Mail Bag, Suva, Fiji

FAO/AusAID/UNDP/SPC Project RAS/93/300
"Regional Fruit Fly Project in the Pacific"

Position: United Nations Volunteer Entomologist

Duties: Same duties as above, but based on Pohnpei Island, Federated States of Micronesia. Additional duties achieved include development of an emergency response plan for FSM, preliminary heat tolerance research on mango fly (*Bactrocera frauenfeldi*) in preparation for post harvest quarantine treatments, host status testing of limes and lemons and submission of results to USDA to develop export opportunities to Guam, introduction, rearing and release of fruit fly parasitoids, and publication of results in scientific papers.

Supervisor: Mr. Allan J. Allwood (Chief Technical Advisor), FAO/AusAID/UNDP/ SPC Project RAS/93/300 "Regional Fruit Fly Project in the Pacific"

April 1992 to April 1994

United Nations Development Programme, P.O. box 445, Kigali, Rwanda

UNDP/FAO Project RWA/89/004 "Support to Plant Protection in Rwanda"

Position: United Nations Volunteer Entomologist

Duties: Technical advice to the national biological control programs against pest insects of cassava and stored products. Compilation of working documents and technical reports in preparation of the initiation of new IPM programs against main agricultural pests in

Rwanda. Surveys of crop pest insects. Constitution of pest insect reference collections. Training in biological control and in collecting, preserving and identification of insects for agronomists and university students.

Supervisor: Dr. Sidiki Marcel Bonzi: Chief Technical Advisor, UNDP/FAO Project RWA/89/004 "Support to Plant Protection in Rwanda".

September 1989 to July 1991

CECI: Centre Canadien d'Etudes et de Coopération Internationale (CECI), 180, Rue Ste-Catherine, Montréal Québec, H2X 1K9, Canada.

Position: Instructor in entomology

Duties: Volunteer for a Canadian NGO. Preparation and teaching of lectures and laboratory courses in general, medical and agricultural entomology at University of Conakry (Republic of Guinea, West Africa). Compilation for publication of a course syllabus. Supervision of thirteen student final projects in agricultural and medical entomology. Missions to Mount Nimba, for UNESCO, to survey (collecting, preservation and identification) agricultural pest insects and arthropods of medical and veterinary importance.

1983 to 1994

Agriculture Canada, Eastern Cereal and Oilseed Research Center (ECORC), Central Experimental Farm, K.W. Neatby Building, Ottawa, Canada

Position: Technician in entomology (Hymenoptera taxonomy)

Duties: Assistance to research scientists in systematics of parasitoid Hymenoptera (especially Chalcidoidea). Collection, dissection, preservation and identification of Hymenoptera. Curation of the Canadian National Collection of Insects (Hymenoptera section). Scanning electron microscope photography. Research and publication of papers on taxonomy of Ichneumonidae and Tenthredinidae. Contracts from May to September 1983, 1984, 1985 and 1986, October 1988 to April 1989, September 1991 to April 1992 and May to October 1994.

Supervisors: Dr. Carl M. Yoshimoto (1983-1985), Dr. Gary Gibson (1986, 1994), Dr. John T. Huber (1988-1989, 1991-1992).

June-July 1989 and January-March 1986

Environment Canada, Canadian Wildlife Service, Ontario Regional Office, Ottawa, Canada

Position: Entomologist

Duties: Field sampling (1989) and sorting and identification (1986) of aquatic arthropods in a study of the effects of acid rain pollution on aquatic fauna (ducks, fishes, invertebrates) of lakes in Northern Ontario.

Supervisor: Mr. Don McNicol.

REFERENCES

Prof. DANIEL RUBINOFF

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Dr. JOHN T. HUBER

Entomologist, Agriculture Canada
Eastern Cereal and Oilseed
Research Center, K.W. Neatby Bldg
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Ottawa, K1A 0C6, CANADA
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Agricultural Consultant
61, Thornburgh
Oxley, 4075, Queensland
AUSTRALIA
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PROFESSIONAL MEMBERSHIPS

Hawaiian Entomological Society. Member since 2003 and Secretary (2007-2010), President Elect (2011) and President (2012-13) of the society. My key contribution as secretary was to scan and make available on-line the entire series of the Insects of Hawaii [<http://scholarspace.manoa.hawaii.edu/handle/10125/1696>] and of the Proceedings of the Hawaiian Entomological Society [<http://scholarspace.manoa.hawaii.edu/handle/10125/25>].

Entomological Society of America (since 2005).

International Association of Black Entomologists. Member since 2006 and Vice-President (2012-2013). The IABE serves to promote interest and professional advancement in entomology among minority groups.

Golden Key International Honour Society (since 2009).

AWARDS

J.W. McConnell and Eliza M. Jones Awards, McGill University, (November 1985)

Minoru Tamashiro Award, University of Hawaii (June 2007)

Best Student oral presentation, Hawaii Conservation Conference (August 2007)

Thomas Say Award, Entomological Society of America Pacific Branch (March 2011)

Hawaiian Entomological Society Award for Outstanding Service to the Society for digitizing the entire Proceedings of the Hawaiian Entomological Society (February 2012)

PUBLICATIONS

- 54 Khan, M., **L. Leblanc**, M.A. Bari, and R.I. Vargas. **2015**. First record of the fruit fly *Bactrocera* (*Bactrocera*) *nigrofemoralis* White & Tsuruta (Diptera: Tephritidae) in Bangladesh. *Journal of Entomology and Zoology Studies*. 3: 387-389.
- 53 **Leblanc**, L., H. Fay, F. Sengebau, M. San Jose, D. Rubinoff, and R. Pereira. **2015**. A survey of fruit flies (Diptera: Tephritidae: Dacinae) and their Opiine parasitoids (Hymenoptera: Braconidae) in Palau. *Proceedings of the Hawaiian Entomological Society*. 47: 55-66.
- 52 **Leblanc**, L., M. San Jose, N. Barr, and D. Rubinoff. **2015**. A phylogenetic assessment of the polyphyletic nature and intraspecific color polymorphism in the *Bactrocera dorsalis* complex (Diptera, Tephritidae). *Zookeys*. 540: 339-367.
- 51 **Leblanc**, L., M. San Jose, B.P. Bhandari, C.A. Tauber, and D. Rubinoff. **2015**. Attraction of lacewings (Neuroptera: Chrysopidae) to methyl eugenol in Asia. *Proceedings of the Hawaiian Entomological Society*. 47: 67-70.
- 50 **Leblanc**, L., M. San Jose, and D. Rubinoff. **2015**. Description of a new species and new country distribution records of *Bactrocera* (Diptera: Tephritidae: Dacinae) from Cambodia. *Zootaxa*. 4012 (3): 593-600.
- 49 **Leblanc**, L., M. San Jose, M.G. Wright, and D. Rubinoff. **2015**. Declines in biodiversity and the abundance of pest species across land use gradients in Southeast Asia. Submitted to *Landscape Ecology*. DOI 10.1007/s10980-015-0276-3
- 48 Vargas, R.I., J.C. Piñero, and **L. Leblanc**. **2015**. An Overview of Pest Species of *Bactrocera* Fruit Flies (Diptera: Tephritidae) and the Integration of Biopesticides with Other Biological Approaches for Their Management with a Focus on the Pacific Region. *Insects*. 6: 297-318.
- 47 **Leblanc**, L., S. Graham, S. McNeil, K. Pohlman, M. Dinneen, and B. Fujita **2014**. Abundance and seasonal occurrence of pest fruit flies (Diptera: Tephritidae) in residential and rural areas of Oahu (Hawaiian Islands). *Proceedings of the Hawaiian Entomological Society*. 46: 9-24.
- 46 **Leblanc**, L., M.A. Hossain, S.A. Khan, M. San Jose, and D. Rubinoff. **2014**. Additions to the fruit fly fauna (Diptera: Tephritidae: Dacinae) of Bangladesh, with a key to the species. *Proceedings of the Hawaiian Entomological Society*. 46: 31-40.

- 45 Barr, N.B., L.A. Ledezma, **L. Leblanc**, M. San Jose, D. Rubinoff, S.M. Geib, B. Fujita, D. Bartels, D. Garza, P. Kerr, M. Hauser, and S. Gaimari. **2014**. Genetic diversity of *Bactrocera dorsalis* (Diptera: Tephritidae) on the Hawaiian Islands: Implications for an introduction pathway into California. *Journal of Economic Entomology*. 107: 1946-1958.
- 44 Schutze, M.K., N. Aketarawong, W. Amornsak, K.F. Armstrong, A.A. Augustinos, N. Barr, W. Bo, K. Bourtzis, L.M. Boykin, C. Cáceres, S.L. Cameron, T.A. Chapman, S. Chinvinijkul, A. Chomič, M. De Meyer, E. Drosopoulou, A. Englezou, S. Ekesi, A. Gariou-Papalexiou, S.M. Geib, D. Hailstones, M. Hasanuzzaman, D. Haymer, A.K.W. Hee, J. Hendrichs, A. Jessup, Q. Ji, F.M. Khamis, M.N. Krosch, **L. Leblanc**, K. Mahmood, A.R. Malacrida, P. Mavragani-Tsipidou, M. Mwatawala, R. Nishida, H. Ono, J. Reyes, D. Rubinoff, M. San Jose, T.E. Shelly, S. Srikachar, K.H. Tan, S. Thanaphum, I. Haq, S. Vijayasegaran, S.L. Wee, F. Yesmin, A. Zacharopoulou, and A.R. Clarke. **2014**. Synonymization of key pest species within the *Bactrocera dorsalis* species complex (Diptera: 3 Tephritidae): taxonomic changes based on 20 years of integrative morphological, molecular, 4 cytogenetic, behavioral, and chemoeological data. *Systematic Entomology*. DOI: 10.1111/syen. 12113.
- 43 Stark, J.D., R.I. Vargas, S.K. Souder, A.J. Fox, T.R. Smith, **L. Leblanc**, and B. Mackey. **2014**. Simulated field applications of insecticide soil drenches for control of tephritid fruit flies. *Biopesticides International*. 10: 136-142.
- 42 Vargas, R.I., **L. Leblanc**, J.C. Pinero, and K.M. Hoffman. **2014**. Male annihilation, past, present, and future. Pp. 493-511 in: Shelly T., N. Epsky, E.B. Jang, J. Reyes-Flores, and R. Vargas (Eds.). *Trapping tephritid fruit flies. Lures, area-wide programs, and trade implications*. Springer.
- 41 **Leblanc, L.**, D. Rubinoff, and M.G. Wright. **2013**. Conservation implications of changes in endemic Hawaiian Drosophilidae biodiversity across native, alien, and agricultural land use gradients. *PLoS ONE* 8(5): e62464. Doi:10.1371/journal.pone.0062464.
- 40 **Leblanc, L.**, S. Graham, K. Pohlman, and B. Fujita. **2013**. *Protaetia orientalis* (Coleoptera: Scarabaeidae) attracted to methyl eugenol fruit fly lure. *Proceedings of the Hawaiian Entomological Society*. 45: 45-48.
- 39 **Leblanc, L.**, M.A. Hossain, S.A. Khan, M. San Jose, and D. Rubinoff. **2013**. A preliminary survey of the fruit flies (Diptera: Tephritidae: Dacinae) of Bangladesh. *Proceedings of the Hawaiian Entomological Society*. 45: 51-58.
- 38 **Leblanc, L.**, E. Tora Vueti, and A.J. Allwood. **2013**. Host plant records for fruit flies (Diptera: Tephritidae: Dacini) in the Pacific Islands: 2. Infestation statistics on economic hosts. *Proceedings of the Hawaiian Entomological Society*. 45: 83-117.
- 37 **Leblanc, L.**, R.I. Vargas, and R. Putoa. **2013**. From eradication to containment: invasion of French Polynesia by *Bactrocera dorsalis* (Hendel) (Diptera: Tephritidae) and releases of natural enemies: a 17-year case study. *Proceedings of the Hawaiian Entomological Society*. 45: 31-43.
- 36 San Jose, M., **L. Leblanc**, S.M. Geib, and D. Rubinoff. **2013**. An evaluation of the species status of *Bactrocera invadens* and the systematics of the *Bactrocera dorsalis* (Diptera: Tephritidae) complex. *Annals of the Entomological Society of America*. 106: 684-694.
- 35 Vargas, R.I., J.D. Stark, J. Banks, **L. Leblanc**, N.C. Manoukis, and S. Peck **2013**. Spatial dynamics of two oriental fruit fly (Diptera: Tephritidae) parasitoids, *Fopius arisanus* and *Diachasmimorpha longicaudata* (Hymenoptera: Braconidae), in a guava orchard in Hawaii. *Environmental Entomology*. 42: 888-901.
- 34 **Leblanc, L.**, B. Fujita, S.H. Stein, and W.K. Sawamura. **2012**. Trapping records of fruit fly pest species (Diptera: Tephritidae) on Oahu (Hawaiian Islands): analysis of spatial population trends. *Proceedings of the Hawaiian Entomological Society*. 44: 89-97.
- 33 **Leblanc, L.**, E. Tora Vueti, R.A.I. Drew, and A.J. Allwood. **2012**. Host plant records for fruit flies (Diptera: Tephritidae: Dacini) in the Pacific Islands. *Proceedings of the Hawaiian Entomological Society*. 44: 11-53.
- 32 Vargas, R.I., **L. Leblanc**, E.J. Harris, and N.C. Manoukis. **2012**. Regional suppression of *Bactrocera* fruit flies (Diptera: Tephritidae) in the Pacific through biological control and prospects for future introductions into other areas of the world. *Insects*. 3: 727-742.
- 31 Vargas, R.I., **L. Leblanc**, R. Putoa, and J.C. Piñero. **2012**. Population dynamics of three *Bactrocera* spp. fruit flies (Diptera: Tephritidae) and two introduced natural enemies, *Fopius arisanus* (Sonan) and *Diachasmimorpha longicaudata* (Ashmead) (Hymenoptera: Braconidae), after an invasion by *Bactrocera dorsalis* (Hendel) in Tahiti. *Biological Control*. 60: 199-206.
- 30 **Leblanc, L.**, R.I. Vargas, B. Mackey, R. Putoa, and J.C. Piñero. **2011**. Evaluation of Cue-Lure and Methyl Eugenol Solid Lure and Insecticide Dispensers for Fruit Fly (Diptera: Tephritidae) Monitoring and Control in Tahiti. *Florida Entomologist*. 94: 510-516.
- 29 Harris, E.J., R.C. Bautista, R.I. Vargas, E.B. Jang, A. Eitam, and **L. Leblanc**. **2010**. Suppression of melon fly (Diptera: Tephritidae) populations with releases of *Fopius arisanus* and *Psyttalia fletcheri* (Hymenoptera: Braconidae) in North Shore Oahu, HI, USA. *BioControl*. 55: 593-599.
- 28 **Leblanc, L.**, R.I. Vargas, and D. Rubinoff. **2010**. A comparison of nontarget captures in BioLure and liquid protein food lures in Hawaii. *Proceedings of the Hawaiian Entomological Society*. 42: 15-22.
- 27 **Leblanc, L.**, R.I. Vargas, and D. Rubinoff. **2010**. Attraction of *Ceratitidis capitata* (Diptera: Tephritidae) and endemic and introduced nontarget insects to BioLure bait and its individual components in Hawaii. *Environmental Entomology*. 39: 989-998.

- 26 **Leblanc, L.**, R.I. Vargas, and D. Rubinoff. **2010**. Captures of pest fruit flies (Diptera: Tephritidae) and nontarget insects in BioLure and torula yeast traps in Hawaii. *Environmental Entomology* 39: 1626-1630.
- 25 Vargas, R.I., R.F.L. Mau, J.D. Stark, J.C. Piñero, **L. Leblanc**, and S.K. Souder. **2010**. Evaluation of methyl eugenol and cue-lure traps with solid lure and insecticide dispensers for fruit fly monitoring and male annihilation in the Hawaii areawide pest management program. *Journal of Economic Entomology*. 103: 409-415.
- 24 Vargas, R.I., T.E. Shelly, **L. Leblanc**, and J.C. Piñero. **2010**. Recent advances in methyl eugenol and cue-lure technologies for fruit fly detection, monitoring, and control. *Vitamins and Hormones*. Section: Pheromones, vol. 83. Academic Press.
- 23 **Leblanc, L.**, P.M. O'Grady, D. Rubinoff, and S.L. Montgomery. **2009**. New immigrant Drosophilidae in Hawaii, and a checklist of the established immigrant species. *Proceedings of the Hawaiian Entomological Society*. 41: 121-127.
- 22 **Leblanc, L.**, D. Rubinoff, and R.I. Vargas. **2009**. Attraction of nontarget species to fruit fly (Diptera: Tephritidae) male lures and decaying fruit flies in Hawaii. *Environmental Entomology*. 38: 1446-1461.
- 21 Kaufmann, L.V, C.B.A. King, **L. Leblanc**, and W.P. Haines. **2008**. *Triclistus* nr. *aitkeni*, a new adventives species to the Hawaiian Islands. *Proceedings of the Hawaiian Entomological Society*. 40: 55-59.
- 20 Vargas, R.I., **L. Leblanc**, R. Putoa, and J. Piñero. 2008. Classical biological control releases of the natural enemies, *Fopius arisanus* (Sonan) and *Diachasmimorpha longicaudata* (Ashmead), against Oriental fruit fly in French Polynesia. Pp. 149-155 in: Montoya Gerardo, P.J., F. Diaz Fleisher, and S. Flores Breeda. *Proceedings of the 7th Meeting of the Working Group on Fruit Flies of the Western Hemisphere*. Mazatlán Sinaloa, Mexico. November 2-7, 2008.
- 19 McInnis, D., **L. Leblanc**, and R. Mau. **2007**. Melon fly (Diptera: Tephritidae) genetic sexing: all-male sterile fly releases in Hawaii. *Proceedings of the Hawaiian Entomological Society*. 39: 105-110.
- 18 Vargas, R.I., **L. Leblanc**, R. Putoa, and A. Eitam. **2007**. Impact of introduction of *Bactrocera dorsalis* (Diptera: Tephritidae) and classical biological control releases of *Fopius arisanus* (Hymenoptera: Braconidae) on economically important fruit flies in French Polynesia. *Journal of Economic Entomology*. 100(3): 670-679.
- 17 Clarke, A.R., S. Balagawi, B. Clifford, R.A.I. Drew, **L. Leblanc**, A.N. Mararuai, D. McGuire, D. Putulan, T. Romig, S. Sar, and D. Tenakanai. **2004**. Distribution and biogeography of *Bactrocera* and *Dacus* species (Diptera: Tephritidae) in Papua New Guinea. *Australian Journal of Entomology* 43(2): 148-156.
- 16 **Leblanc, L.**, J. William, and A.J. Allwood. **2004**. Host fruit of mango fly (*Bactrocera frauenfeldi* (Schiner)) (Diptera: Tephritidae) in Federated States of Micronesia. *Micronesica*. 37(1): 21-31.
- 15 Allwood, A.J., E.T. Vueti, **L. Leblanc**, and R. Bull. **2002**. Eradication of introduced *Bactrocera* species (Diptera: Tephritidae) in Nauru using male annihilation and protein bait application techniques. Pp. 19-25 in: Veitch, C.R, and M.N. Clout (eds). 2002. Turning the tide: the eradication of invasive species. Occasional papers of the IUCN Species Survival Commission. No. 27.
- 14 Clarke, A.R., S. Balagawi, B. Clifford, R.A.I. Drew, **L. Leblanc**, A. Mararuai, D. McGuire, D. Putulan, S. Sar, and D. Tenakanai. **2002**. Evidence of orchid visitation by *Bactrocera* species (Diptera: Tephritidae) in Papua New Guinea. *Journal of Tropical Ecology* 18: 441-448.
- 13 Mararuai, A., A.J. Allwood, S. Balagawi, F. Dori, M. Kalamen, **L. Leblanc**, D. Putulan, S. Sar, A. Schuhbeck, D. Tenakanai, and A.R. Clarke. **2002**. Introduction and distribution of *Bactrocera musae* (Tryon) (Diptera: Tephritidae) in East New Britain, Papua New Guinea. *Papua New Guinea Journal of Agriculture, Forestry and Fisheries*. 45: 59-65.
- 12 **Leblanc, L.**, E.T. Vueti, and A.J. Allwood. **2001**. FAO/AusAID/UNDP/SPC Project on regional management of fruit flies in the Pacific. Terminal report (May 1997 - December 2000). Secretariat of the Pacific Community. Suva, Fiji. vi + 150pp.
- 11 **Leblanc, L.** **1999**. The Nearctic species of *Protarchus* (Hymenoptera: Ichneumonidae: Ctenopelmatinae). *Journal of Hymenoptera Research*. 8: 251-267.
- 10 Allwood, A.J. and **L. Leblanc**. **1997**. Losses Caused by Fruit Flies (Diptera: Tephritidae) in Seven Pacific Island Countries. pp. 208-211 In: Allwood, A.J., and Drew, R.A.I. *Management of Fruit Flies in the Pacific*. A Regional Symposium, Nadi, Fiji 28-31 October 1996. ACIAR Proceedings No. 76. 267pp.
- 09 Heimoana, V., L. Leweniqila, D. Tau, F. Tunupopo, P. Nemeye, A. Kassim, C. Quashie-Williams, A. Allwood, and **L. Leblanc**. **1997**. Non-host status as a quarantine treatment option for fruit flies. pp. 225-231 In: Allwood, A.J., and Drew, R.A.I. *Management of Fruit Flies in the Pacific*. A Regional Symposium, Nadi, Fiji 28-31 October 1996. ACIAR Proceedings No. 76. 267pp.
- 08 **Leblanc, L.** **1997**. Fruit fly fauna in Federated States of Micronesia, Guam, Palau, Kiribati, Northern Marianas and Marshall Islands. pp. 64-67 In: Allwood, A.J., and Drew, R.A.I. *Management of Fruit Flies in the Pacific*. A Regional Symposium, Nadi, Fiji 28-31 October 1996. ACIAR Proceedings No. 76. 267pp.
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- 05 **Leblanc, L.**, L. Leweniqila, D. Tau, T. Tumukon, A. Kassim, and R. Hollingsworth. **1997**. Can fruit flies be controlled in a village with a mixed orchard? Pacific Island Experiences. pp.187-191 In: Allwood, A.J., and Drew, R.A.I. Management of Fruit Flies in the Pacific. A Regional Symposium, Nadi, Fiji 28-31 October 1996. ACIAR Proceedings No. 76. 267pp.
- 04 Shyaka J.B., and **L. Leblanc**. **1994**. Biological control of cassava mealybug, *Phenacoccus manihoti*, and its present status in Rwanda. pp. 161-169 In: Allard G.B., L.G. Skoglund, P. Neuenschwander, et R.J. Murphy (eds.) Proceedings of a Regional Workshop on Root and Tuber Pest Management in East and Southern Africa 10-14 August 1992, Mombassa. Nairobi, Kenya: CAB International, 161-169.
- 03 **Leblanc, L.** and H. Goulet. **1992**. Descriptions of larvae of eight Nearctic species of *Dolerus* (Hymenoptera: Tenthredinidae) with focus on six *Equisetum* feeding species from the Ottawa region. Canadian Entomologist. 124: 999-1014.
- 02 **Leblanc, L.** **1989**. A taxonomic revision of the Nearctic species of *Himerta* (Hymenoptera: Ichneumonidae). Contributions of the American Entomological Institute. 27(3): 1-75.
- 01 **Leblanc, L.** **1989**. The Nearctic *Eremotylus costalis* group with the description of a new species (Hymenoptera: Ichneumonidae). Contributions of the American Entomological Institute. 27(3): 76-82.

Pacific Fruit Fly Web site: available online at <http://www.spc.int/pacifly>. I have created and webmastered the entire site.

Online databases: Dacine fruit flies of the Asia-Pacific [<http://www.herbarium.hawaii.edu/fruitfly/>] and Drosophilidae of Hawaii [<http://www.herbarium.hawaii.edu/drosophila/>].

SPC Pest Advisory leaflets on fruit flies in the Pacific:

- Allwood, A.J, **L. Leblanc**, E. Tora Vueti, and R. Bull. **2001**. Fruit Fly Control methods for Pacific island Countries and Territories. Leaflet Number 40. 12 pages.
- Leblanc, L.** **2000**. Fruit flies in Solomon Islands. Leaflet No.30. 4pp.
- Leblanc, L.** and A. Allwood. **1997**. Mango fruit fly. Leaflet No. 34. 4pp.
- Leblanc, L.**, S. Balagawi, A. Mararuai, D. Putulan, D. Tenakanai, and A.C. Clarke. **2001**. Fruit flies in Papua New Guinea. SPC Pest Advisory Leaflet No. 37. 12 pages.
- Leblanc, L.**, A. Mararuai, and M. Kalamen. **1999**. Fruit bagging to control fruit flies. Leaflet No. 36. 4pp.
- Leblanc, L.** and R. Amice. **2000**. Fruit flies in New Caledonia. Leaflet No. 26. 4pp.
- Leblanc, L.** and R. Putoa. **2000**. Fruit flies in French Polynesia and Pitcairn Islands. Leaflet No. 29. 4pp.

Numerous technical reports on fruit flies and other pests of Africa and the Pacific: Complete list and some sample reports available on request.

PRESENTATIONS IN MEETINGS

- Apr. 2015 Hawaiian Entomological Society Pacific Entomology Conference (Honolulu). Oral presentation: "The Polyphyletic Nature of the *Bactrocera dorsalis* Complex (Diptera: Tephritidae)".
- Nov. 2014 Entomological Society of America Annual Meeting (Portland, Oregon). Oral presentation: "The Dirty Dozens: An Overview of the Pest Species of *Bactrocera* Fruit Flies (Diptera: Tephritidae: Dacinae)". Oral presentation: "Area-wide fruit fly management in the Pacific Islands and technology transfer to Africa". Oral presentation: "Eradication Programs Against Exotic Fruit Flies (Tephritidae: dacinae) in the Pacific Islands". Poster: "Abundance and seasonal occurrence of pest fruit flies (Diptera: Tephritidae) in residential and rural areas of Oahu (Hawaiian Islands)".
- Nov. 2013 Entomological Society of America Annual Meeting (Austin, Texas). Oral presentation: "Diversity and Distribution of Fruit Flies (Diptera: Tephritidae: Dacinae) Across Habitat Gradients in Southeast Asia".
- Nov. 2012 Hawaiian Entomological Society Meeting # 1108 (University of Hawaii, Honolulu). Oral presentation: "Ten Years of Fruit Fly research and Host Fruit Surveying in the Pacific Islands".
- Feb. 2012 Hawaiian Entomological Society Pacific Entomology Conference (Honolulu). Oral presentation: "Trapping Pest Fruit Flies (Tephritidae) in Hawaii While Preserving Nontarget Pollinators and Endemic Drosophilid flies".
- Feb. 2012 5th International Meeting on Taxonomy and Natural History of Tephritoidea (Griffith University, Brisbane, Australia). Oral presentation: "Non Target Attraction to Fruit Fly (Tephritidae: Dacini) Food Attractants and Male Lures in Hawaii".
- Jan. 2012 Meeting on Identification Tools for Tephritid Fruit Fly pests (Mission, Texas). Oral

- presentation: "*Bactrocera* fruit fly Identification and Biology".
- Mar. 2011 Entomological Society of America Pacific Branch Meeting (Waikoloa, Hawaii). Oral presentation: "Distribution and Abundance of Endemic Drosophilidae in the Hawaiian Forest and Agricultural Environments".
- Dec. 2010 Entomological Society of America Annual Meeting (San Diego, California). Oral presentation: "Fruit Fly (Tephritidae) Entomology in the Pacific Island Nations".
- Aug. 2010 Hawaii Conservation Conference (Honolulu Convention Center). Poster: "Distribution and Abundance of Endemic Drosophilidae in the Hawaiian Forest and Agricultural Environments".
- Jul. 2009 Society for Conservation Biology 23rd Annual Meeting (Beijing, China). Oral presentation: "The impact of fruit fly (Tephritidae) management on the conservation of endemic Hawaiian Drosophilidae diversity".
- Feb. 2009 Hawaiian Entomological Society Pacific Entomology Conference (Honolulu). Oral presentation: "Save the Good Bugs: Minimizing Nontarget Risks of the Fruit Fly Attractants in Hawaiian Orchards and Forests".
- Nov. 2008 Entomological Society of America Annual Meeting (Reno, Nevada). Oral presentation: "Attraction of Mediterranean Fruit Fly, *Ceratitis capitata* (Diptera: Tephritidae) and Non-targets to the Attractant BioLure and its Individual Components in Hawaii."
- Sep. 2008 Hawaiian Entomological Society Meeting # 1099 (Hilo, Hawaii). Oral presentation: "Classical Biological Control Against Fruit Flies (Diptera: Tephritidae) in French Polynesia".
- Jul. 2008 International Congress of Entomology (Durban, South Africa). Oral presentation: "Non-target Impact of the Use of Fruit Fly (Tephritidae) Male Lures and Biolure."
- Dec. 2007 Entomological Society of America Annual Meeting (San Diego). Oral presentation: "Potential Non-Target Impact of the Fruit Fly Male Lure Methyl Eugenol in Hawaii."
- Jul. 2007 Hawaii Conservation Conference (Honolulu). Oral presentation: "Assessment of Non-Target Insect Attraction to Fruit Fly (Tephritidae) Male Lures on Hawaii and Maui Islands."
- Apr. 2007 6th Annual Meeting and Review of the Hawaii Fruit Fly Area-Wide Pest Management Program (Waikoloa, Hawaii). Oral presentation: "Setting the Records Straight: Latest Investigations on Non-target Attraction to Male Lures and BioLure".
- Apr. 2007 University of Hawaii College of Tropical Agriculture and Human Resources Annual Student Research Symposium (Honolulu). Oral presentation: "Investigations of Attraction of Non-target Insects to Fruit Fly (Tephritidae) Female Attractants and Male Lures on Hawaii and Maui Islands".
- Feb. 2007 Hawaiian Entomological Society Pacific Entomology Conference (Honolulu). Oral presentation: "Investigations of Attraction of Non-target Insects to Fruit Fly (Tephritidae) Female Attractants and Male Lures on Hawaii and Maui Islands". Oral presentation: "Introduction to the *Bactrocera* Fruit Flies of Economic Importance in the Asia-Pacific Region".
- Dec. 2006 Entomological Society of America Annual Meeting (Indiannapolis, Indiana). Oral presentation: "Investigations of Attraction of Non-target Insects to Fruit Fly (Tephritidae) Female Attractants and Male Lures on Hawaii and Maui Islands".
- Apr. 2006 5th Annual Meeting and Review of the Hawaii Fruit Fly Area-Wide Pest Management Program (Waikoloa, Hawaii). Oral presentation: "Investigations of Attraction of Non-target Insects to Fruit Fly (Tephritidae) Female Attractants and Male Lures on Hawaii Island".
- Mar. 2006 Entomological Society of America Pacific Branch Meeting (Maui, Hawaii). Oral presentation: "Investigations of Attraction of Non-target Insects to Fruit Fly (Tephritidae) Female Attractants and Male Lures on Hawaii Island".
- Dec. 2005 Entomological Society of America Annual Meeting (Fort Lauderdale, Florida). Oral presentation: "Ecological Gradients in Attraction of Non-target Organisms to Fruit Fly Female Attractants and Male Lures".
- Oct. 2005 Asia-Pacific Conference of Entomology (APCE) (Jeju, South Korea). Oral presentation: "Ecological Gradients in Attraction of Non-target Organisms to Fruit Fly Female Attractants and Male Lures". Oral presentation: "Introduction to the *Bactrocera* Fruit Flies of Economic Importance in the Asia-Pacific Region".
- Jul. 2005 Hawaii Conservation Conference (Honolulu). Oral presentation: "Preliminary Investigations of Ecological Gradients in Attraction of Non-target Organisms to Fruit Fly Female Attractants and Male Lures".
- Apr. 2005 4th Annual Meeting and Review of the Hawaii Fruit Fly Area-Wide Pest Management Program (Kohala Coast, Hawaii). Oral presentation: "Preliminary Investigations of Ecological Gradients in Attraction of Non-target Organisms to Fruit Fly Female Attractants and Male Lures".
- Feb. 2005 Hawaiian Entomological Society Pacific Entomology Conference (Honolulu, Hawaii). Oral presentation: "A review of the Eradication programs against exotic fruit flies (Tephritidae: dacinae) in the Pacific".
- Nov. 2003 Hawaiian Entomological Society Meeting # 1083 (University of Hawaii, Honolulu). Oral presentation: "Eradication programs against exotic fruit flies (Tephritidae: dacinae) in the Pacific Islands".