



Dr. John Warner

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EDUCATION

Ph.D. Doctor of Philosophy in Entomology, December 2005

University of Florida, Fort Lauderdale, FL

Dissertation: [Arboreal bioassays testing toxicity of insecticides and rubidium marking of white-footed ants, *Technomyrmex albipes* \(Hymenoptera: Formicidae\)](#)

M.S. Master of Science in Entomology, May 2003

University of Florida, Fort Lauderdale, FL

Thesis: [Bait preferences and toxicity of insecticides to white-footed ants, *Technomyrmex albipes* \(Hymenoptera: Formicidae\)](#)

B.S. Bachelor of Science in Agronomy, December 1975

California Polytechnic State University, San Luis Obispo, CA

Research project: Soybean varietal study

EXPERIENCE

University of Florida, September 2000-2022: Research Scientist: entomological research, testing insecticides against pest ant species (field and laboratory); data analysis, report writing, and public presentations of results. Research insects and subjects include: ants, termites, bed bugs and limited fumigations.

Shalom Pest Control, Inc., November 2000-present: President, Certified Pest Control Operator, Florida State Certified in General Household Pest Control, and Termite Control; Africanized Honeybee Control; Consulting services for the pest control industry including for legal consultations, inspections and reports for general house pest and termite damages and lawsuits as expert witness.

CEUHome.com, November 2019- present: online provider of Continuing Education Units for pest control operators, writing and teaching pest control practices for the Florida professional pest control industry. Class subjects include: drywood and subterranean termites, inspections and control, general household pest control for ants, roaches, bed bugs, etc., core classes about the pest control industry, equipment usage, product safety, etc. Offering Online and on-location classes.

The School District of Palm Beach County, various years: Teacher of [Pest Management](#) and Computer Courses.

Sears Termite and Pest Control, January 1997-November 2000: Branch Manager, sales and pest control operations, termite inspections.

Agripac Cia. Ltd.: Regional Manager: sales, new product testing, technical customer service: agricultural chemicals and veterinary products, Ecuador

Peace Corps, 1976-1977: Volunteer, Ecuador: agricultural extension with Ministry of Agriculture

International Insect Collecting Expeditions: Trinidad (May 2003), Ecuador (December 2001)

LANGUAGES

Spanish, fluent (oral and written)

INVASIVE SPECIES RESEARCH

Technomyrmex difficilis (White-Footed Ant): laboratory and field testing of chemical control agents and ant feeding preferences; development of toxic baits (liquids, granulars and gels); foraging/trailing studies using RbCl as a marker; development of unique ant-nest tree experimental units, and laboratory colonies

Linepithma humile (Argentine Ant): field testing of chemical control agents and ant feeding preferences

Solenopsis invicta (Red Imported Fire Ant): field testing of chemical control agents and ant feeding preferences; field study involving interaction with *Pheidole megacephala*

Pheidole megacephala (Big-Headed Ant): chemical control studies; field study involving interaction with *Solenopsis invicta*; laboratory colonies

Paratrechina longicornis and *P. pubens*: chemical control investigations

Tapinoma melanocephalum: laboratory and field testing of chemical control agents

Experience with other species:

Camponotus floridanus, *C. planatus* and, *C. tortuganus*: chemical control studies; interaction with parasitoids; laboratory colonies

Brachymyrmex spp. (Rover Ant), *Crematogaster ashmeadi* (Acrobat Ant), *Dorymyrmex spp.* (Pyramid Ant), *Monomorium pharaonis* (Pharaoh's Ant) and *M. floricola* (Florida Bi-colored Trailing Ant), *Tetramorium bicarinatum* (Guinea Ant), *Wasmannia auropunctata* (Little Fire Ant): field and residential control experience

Termites, various species, laboratory and field work, termite inspections and consultations

Bed bugs, *Cimex lectularius*, laboratory and field work

AFFILIATIONS (Past and Present)

Certified Pest Control Operators Association of Florida

Entomological Society of America

Florida Entomological Society

National Pest Management Association

Urban Entomological Society

Florida Department of Agriculture, Apiary Inspection: Africanized Honeybee Control

PATENTS

Warner, J. and R.H. Scheffrahn. 2002. "[NecDew](#)" Artificial Nectar-Honeydew Ant Bait. UF#-10762. Novel sweet bait base with long shelf life for sweet-feeding ant control.

PUBLICATIONS

Warner, J. 2003. Bait preferences and toxicity of insecticides to white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae). Univ. of Florida, Master's Thesis. http://nersp.nerdc.ufl.edu/~ortgedb/etdNew/jwarner1/Warner_J.pdf.

Warner, J. 2005. Arboreal bioassays testing toxicity of insecticides and rubidium marking of white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae). Univ. of Florida, Doctoral Dissertation. http://etd.fcla.edu/UF/UFE0012903/warner_j.pdf.

Warner, J. and R.H. Scheffrahn. 2001. Compact carpenter ant, *Camponotus planatus* (Roger). UF/IFAS Featured Creatures. EENY-189. http://creatures.ifas.ufl.edu/urban/ants/c_planatus.htm.

- Warner, J. and R.H. Scheffrahn. 2002. Florida carpenter ant, bull ant, Tortugas ant, *Camponotus floridanus* (Buckley), and *C. tortuganus* (Emery). UF/IFAS Featured Creatures. EENY-272. http://creatures.ifas.ufl.edu/urban/ants/fl_carpenter_ants.htm.
- Warner, J. and R.H. Scheffrahn. 2003. Caribbean crazy ant, *Paratrechina pubens* Forel. UF/IFAS Featured Creatures. EENY-284. http://creatures.ifas.ufl.edu/urban/ants/caribbean_crazy_ant.htm.
- Warner, J. and R.H. Scheffrahn. 2004. Feeding preferences of white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae), to selected liquids. [*Sociobiology*. 44\(2\): 403-412.](#)
- Warner, J. and R.H. Scheffrahn. 2005. Laboratory evaluation of baits, residual insecticides, and an ultrasonic device for control of white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae). [*Sociobiology*. 45\(2\): 317-330](#)
- Warner, J. and R.H. Scheffrahn. 2007. Bigheaded ant, *Pheidole megacephala* (Fabricius). UF/IFAS Featured Creatures. EENY-369. http://creatures.ifas.ufl.edu/urban/ants/bigheaded_ant.htm.
- Warner, J. and R.H. Scheffrahn. 2008. Efficacy of selected bait and residual toxicants for control of bigheaded ants, *Pheidole megacephala* (Hymenoptera: Formicidae), in large field plots. FL. Entomol. (*in press*).
- Warner, J., B.J. Cabrera, and R.H. Scheffrahn. 2002. White-footed ant, *Technomyrmex albipes* (Fr. Smith). UF/IFAS Featured Creatures. EENY-273. http://creatures.ifas.ufl.edu/urban/ants/white-footed_ant.htm.

ORAL PRESENTATIONS AT PROFESSIONAL CONFERENCES/MEETINGS

National

- Warner, J. and R.H. Scheffrahn. Efficacy of selected bait and residual toxicants for control of bigheaded ants, *Pheidole megacephala* (Hymenoptera: Formicidae), in large field plots. 5/28/08. Tulsa, OK., invited speaker. National Conference on Urban Entomology.
- Warner, J. and R.H. Scheffrahn. NecDew: Artificial Nectar-Honeydew Ant Bait. 5/24/06. Raleigh, NC., invited speaker. National Conference on Urban Entomology.
- Warner, J. and R.H. Scheffrahn. Field evaluation of baits and residual insecticides performed in a unique arboreal bioassay, for control of white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae). 12/18/05, Ft. Lauderdale, FL. Entomological Society of America, National Meeting.
- Warner, J. and R.H. Scheffrahn. Meet the white-footed ant. 5/22/04, Phoenix, AZ, invited speaker. National Conference on Urban Entomology.
- Warner, J. and R.H. Scheffrahn. White-footed ant feeding preferences and pesticide efficacy trials. 5/21/04, Phoenix, AZ, invited speaker. National Conference on Urban Entomology.
- Scheffrahn, R.H. and J. Warner. Management of white-footed ants in the urban setting. 11/18/02. Ft. Lauderdale, FL, invited speaker. Entomological Society of America, National Meeting.
- Warner, J., R.H. Scheffrahn, and K. Vail. White-footed and odorous house ants: two major pest species. 10/18/02, invited speaker. Orlando, FL. National Pest Management Association Meeting.

State

Warner, J. White-footed ant research update. 7/25/05, Ft. Myers, FL, invited speaker. Florida Entomological Society Annual Meeting.

Warner, J., and R.H. Scheffrahn. Toxicity of insecticides to white-footed ants. 07/29/03, Hutchinson Island, FL, Florida Entomological Society, Annual Meeting.

Scheffrahn, R.H. and J. Warner. Some feeding preferences of the white-footed ant. 01/17/02, Fort Lauderdale, FL, Florida Pest Management Association, Sunshine Conference.

Warner, J., and R.H. Scheffrahn. White-footed ant research and control. 12/04/02. University of Florida, Gainesville, FL, monthly seminar.

Scheffrahn, R.H. and J. Warner. Sugar preferences in the white-footed ant. 08/06/01, Hutchinson Island, FL, Florida Entomological Society, Annual Meeting.

Scheffrahn, R.H. and J. Warner. Research directions for white-footed ant control. 04/06/01, Orlando, FL, Florida Pest Control Association, 2001 Ant Symposium.

Local/Regional

Warner, J. Arboreal bioassays testing toxicity of insecticides and rubidium marking of white-footed ants *Technomyrmex albipes*, (HYMENOPTERA: FORMICIDAE). 11/7/05, University of Florida Ft. Lauderdale Research and Education Center, Ft. Lauderdale, FL., monthly seminar.

Warner, J. White-footed ant research and control. 11/20/02, Ft. Lauderdale, FL. Certified Pest Control Operators Association of Florida, regional meeting.

Warner, J., and R.H. Scheffrahn. White-footed ant research and control. 12/04/02. University of Florida Ft. Lauderdale Research and Education Center, Ft. Lauderdale, FL., monthly seminar.

HONORS AND AWARDS

Florida Department of Agriculture and Consumer Services, [Davis Productivity Award](#)

Davidson Graduate Travel Award

Florida Department of Agriculture and Consumer Services, Research Grant for white-footed ant *Technomyrmex albipes* (Hymenoptera: Formicidae) control studies

Certified Pest Control Operators of Florida, Inc., Scholarship

University of Florida, Department of Entomology and Nematology, Assistantship

Center for Tropical Biology and Agriculture, Assistantship

Sears Termite & Pest Control: numerous sales awards

Agripac Cia. Ltd.: numerous sales awards

HOBBIES

Karate (Black Belt)

Bicycling (Traveled East Coast to West Coast, then San Francisco to San Diego)

Astronomy

Updated 17 January, 2023