

Thomas Chouvenc

Post doctoral researcher associate in Urban Entomology
Department of Entomology and Nematology
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EDUCATION

- **2009:** Ph.D. in Urban Entomology. University of Florida, Ft Lauderdale research and education center, FL. Advisor: Nan-Yao Su
- **2003:** M.Sc. (DEA) in Ethology. Université de Paris XIII, Villetaneuse, France, in association with Université de Bourgogne, Dijon, France. Advisor: Alain Robert
- **2002:** M.Sc. (Maitrise) in Population Biology and Evolution. Université de Bourgogne, Dijon, France. Advisor: Frank Cézilli.
- **2001:** B.Sc. (Deug-Licence) in Physiology and Cellular Biology. Université de Bourgogne, Dijon, France.

PUBLICATION

1. **Chouvenc, T., N.-Y. Su, and M.L. Elliott. 2008.** Interaction between the subterranean termite *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) and the entomopathogenic fungus *Metarhizium anisopliae* in foraging arenas. *J. Econ. Entomol.* 101: 885–893.
2. **Chouvenc, T., N.-Y. Su, and M.L. Elliott. 2008.** Antifungal activity of the termite alkaloid norharmane against the mycelial growth of *Metarhizium anisopliae* and *Aspergillus nomius*. *J. Invertebr. Pathol.* 99: 345–347.
3. **Chouvenc, T., N.-Y. Su, and A. Robert. 2009.** Inhibition of *Metarhizium anisopliae* in the alimentary tract of the eastern subterranean termite *Reticulitermes flavipes*. *J. Invertebr. Pathol.* 101: 130–136.
4. **Chouvenc, T., N.-Y. Su, and A. Robert. 2009.** Cellular encapsulation in the eastern subterranean termite, *Reticulitermes flavipes* (Isoptera), against infection by the entomopathogenic fungus *Metarhizium anisopliae*. *J. Invertebr. Pathol.* 101: 234–241.
5. **Chouvenc, T., N.-Y. Su, and A. Robert. 2009.** Susceptibility of seven termite species (Isoptera) to the entomopathogenic fungus *Metarhizium anisopliae*. *Sociobiology* 54: 723–748.
6. **Chouvenc T., and N.-Y. Su. 2010.** Apparent synergy among defense mechanisms in subterranean termites (Rhinotermitidae) against epizootic events – The limits and potential for biological control. *J. Econ. Entomol.* 103: 1327–1337.
7. **Chouvenc, T., N.-Y. Su, and A. Robert. 2010.** Inhibition of the fungal pathogen *Metarhizium anisopliae* in the alimentary tracts of five termite (Isoptera) species. *Florida Entomol.* 93: 467–469.
8. **Chouvenc, T., N.-Y. Su, and J.K. Grace. 2010.** Fifty years of attempted biological control of termites – Analysis of a failure. *J. Econ. Entomol.* (In press).
9. **Chouvenc, T., M.L. Elliott and N.-Y. Su. 2010.** Rich microbial community associated with the nest material of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). *Florida Entomol.* (In review).

AWARDS AND HONORS

- **William L. and Ruth D. Nutting Student Research Award 2009.** Award given by the IUSSI-NAS to support research by graduate students in the field of basic termite biology, at the 57th ESA annual meeting, December 14th 2009, Indianapolis, IN.
- **President's Prize winner** of the student competition for the SVPHS section, 57th ESA annual meeting, December 14th 2009, Indianapolis, IN, display presentation #D0142: Differential cellular encapsulation in six species against the infection of *Metarhizium anisopliae*. Poster session, 57th ESA annual meeting, December 14th 2009, Indianapolis, IN.
- **President's Prize winner** of the student competition for the Fb Section, 55th ESA annual meeting, December 10th 2007, San Diego, CA, oral presentation #0541: Cellular interaction between the entomopathogenic fungus *Metarhizium anisopliae* and the eastern subterranean termite *Reticulitermes flavipes* (Isoptera: Rhinotermitidae).
- **President's Prize winner** of the student competition for the Fb Section, 54th ESA annual meeting, December 11th 2006, Indianapolis, IN, oral presentation #0479: Response of the eastern subterranean termite, *Reticulitermes flavipes* (Isoptera, Rhinotermitidae), to the entomopathogenous fungus *Metarhizium anisopliae* in a foraging arena.

RELATED RESEARCH AND EXTENSION EXPERIENCE

- **1999-2004:** Care of mature termite colonies of different species from various worldwide locations, at the CNRS-UMR 5548, Chemical communication laboratory, Université de Bourgogne, Dijon, France.
- **2007-2010:** Arthropod identification for the Broward county UF/IFAS extension office, Davie, FL.

PROFESSIONAL MEMBERSHIP

- **2003-Current:** International Union for the Study of Social Insect, French Section (UIEIS)
- **2005-Current:** Entomological Society of America (ESA)
- **2008-Current:** Florida Entomological Society (FES)
- **2008-Current:** International Union for the Study of Social Insect, North American Section(IUSSI-NAS)