

PEER-REVIEWED PUBLICATIONS : 24 articles.

- **Puche, H.** and N.-Y Su. 2009. Spatial distribution of marked subterranean termites immediately after release in a laboratory arena. *Bulletin of Entomological Research*, under review
- **Puche, H.**, R. Schnell, T. J. Weissling, N. D. Epsky, and R. R. Heath. 2009. Effect of Sugarcane Varieties and Male Pheromone Patches on the Mobility of the West Indian Sugarcane Weevil (Coleoptera: Curculionidae). *Florida Entomologist*, under review.
- Smith, K. M., W. B. Karesh, P. Majluf, R. Paredes, C. Zavalaga, A. Hoogesteijn, M. Stetter, W. E. Braselton, **H. Puche**, and R. A. Cook. 2007. Health Evaluation of Free-Ranging Humboldt Penguins (*Spheniscus humboldti*) in Peru. *Avian Diseases* 52:130-135.
- Epsky, N. D., D. Amalin, **H. Puche**, C. M. Mannion. 2006. Temporal and spatial characterization of infestation of *Paratachardina lobata lobata* (Hemiptera: Kerridae), a new invasive pest in Florida. *Florida Entomologist*. 89 (3):367-374.
- Kendra, P. E., W. S. Montgomery, D. M. Mateo, **H. Puche**, N. D. Epsky and R. R. Heath. 2005. Effect of Age on EAG response and attraction of female *Anastrepha suspense* (Diptera: Tephritidae) to ammonia and carbon dioxide. *Environ. Entomol.* 34:584-590.
- **Puche, H.**, T. J. Weissling, R. Schnell, N. D. Epsky, and R. R. Heath. 2005. Estimating dispersal rate of the silky cane weevil (Coleoptera: Curculionidae). *Journal of Applied Entomology (JEN)* 129:293-299.
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- **Puche, H.**, D. Midgarden, P. Kendra, R. Heath, N. Epsky *et al.* 2005. Elevation and plant host preference by sterile and fertile Mediterranean fruit flies in the Santa Maria region in Guatemala. FL. *Entomol.* 88:83-90.
- Su, N.-Y., B. M. Stith, **H. Puche**, and P. Bardunias. 2004. Characterization of tunneling geometry of subterranean termites (Isoptera: Rhinotermitidae) by computer simulation. *Sociobiology* 44:471-483.
- Midgarden, D. G., O. Ovalle, N. D. Epsky, **H. Puche**, P. E. Kendra, P. Rendon, and R. R. Heath. 2004. Capture of Mediterranean fruit flies (Diptera: Tephritidae) in dry traps baited with a food-based attractant to Jackson traps baited with trimedlure during male sterile male release in Guatemala. *J. Econ. Entomol.* 97: 2137-2143.
- **Puche, H.** and N.-Y Su. 2003. Estimating Population Density of Subterranean Termites (Isoptera: Rhinotermitidae) using the Effective Sampling Area of In-ground Monitoring Stations. *Bull. Entomol. Res.* 94:47-53.
- Su, N.-Y. and **H. Puche**. 2003. Tunneling activity of subterranean termites (Isoptera: Rhinotermitidae) in sand with moisture gradients *J. Econ. Entomol.* 96: 88-93.
- **Puche, H.** and N.-Y Su. 2001. Tunneling formation by *Reticulitermes flavipes* and *C. formosanus* (Isoptera: Rhinotermitidae) in response to wood in sand. *J. Econ. Entomol.* 94:1398-1404.
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- Jaffe, K., and **H. Puche**. 1984. Territorial marking with metapleural gland in the ant *Solenopsis geminata* Fab. *J. Insect Physiol*. 30(4): 265-270.