

PEER-REVIEWED PUBLICATIONS : 24 articles.

- **Puche, H.** and N.-Y Su. 2010. 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. 2010. 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. 2008. Health Evaluation of Free-Ranging Humboldt Penguins (*Spheniscus humboldti*) in Peru. Accepted. 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.
- 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 *Anastrepha suspensa* (Diptera:Tephritidae) to ammonia and carbon dioxide. *Environmental Entomology* 34:584-590.
- **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.
- **Puche, H.** and N.-Y. Su. 2001. Application of fractal analysis for tunnel systems of subterranean termites (Isoptera: Rhinotermitidae) under laboratory conditions. *Environ. Entomol.* 30:545-549.
- **Puche, H.** and N.-Y. Su. 2001. Population Density of subterranean termites (Isoptera: Rhinotermitidae) on tunnel formation in laboratory arenas. *Sociobiology* 38:523-530.
- Karesh, W.B., A. del Campo, W. E. Braselton, **H. Puche** and R. A. Cook. 1999. Health evaluation of Free-ranging rock-hopper penguins (*Eudyptes chrysocomes*) in Argentina. *J. Zoo Wildlife Medicine* 30: 25-31.
- Karesh, W. B., M. M. Uhart, E. S. Dierenfeld, E. Braselton, A. Torres, C. House, **H. Puche**, and R. A. Cook. 1998. Health evaluation of free-ranging Guanaco (*Lama guanicoe*). *J. Zoo Wildlife Medicine* 29: 134-141.

- Karesh, W.B., R. B. Wallace, R. L. E. Painter, D. Rumiz, W. E. Braselton, E. S. Dierenfeld, and **H. Puche**. 1998. Immobilization and health assessment of free-ranging Black Spider Monkey (*Ateles paniscus chameck*). *American Journal of Primatology* 44:107-123
- Karesh, W.B., A. del Campo, W. E. Braselton, **H. Puche** and R. A. Cook. 1997. Health evaluation of free-ranging and hand reared macaws (*Ara* spp) in Peru. *J. Zoo Wildlife Medicine*. 28(4):368-377.
- Karesh, W.B., J. Hart, T. Hart, C. House, A. Torres, E. S. Dierenfeld, W. E. Braselton, **H. Puche**, and R. A. Cook. 1995. Health evaluation of five sympatric duiker species (*Cephalophus* spp.). *Journal of Wildlife Zoology*. 26(4):485-502.
- **Puche, H.**, R. D. Berger, and J. Funderburk. 1995. Population dynamics of thrips and progress of tomato spotted wilt virus in field tomatoes. *Crop Protection*. 14:577-583.
- **Puche, H.**, and J. E. Funderburk. 1995. Mobility of Western Flower thrips (Thysanoptera Thripidae) in tomatoes. In: Thrips Biology and Management, Proceedings, The 1993 Conference on Thysanoptera, Towards Understanding Thrips Management. 28-30 September 1993, Burlington, VT, USA. B. L. Parker, M. Skinner and T. Lewis (eds.). Plenum Publishing Corp., New York. Pp 563-566.
- **Puche, H.**, J. E. Funderburk and S. M. Olson. 1993. Captures of *Frankliniella* spp (Thysanoptera Thripidae) in tomatoes based on weather, surrounding vegetation, and placement of sticky-traps. *Entomology Trends in Agricultural Sciences*. 1:55-62.
- **Puche, H.**, and J. E. Funderburk.. 1992. Intrinsic rate of increase of *Frankliniella fusca* (Thysanoptera Thripidae) on peanuts. *Florida Entomol.*: 75:185-189.
- Funderburk J. E., S. M. Olson, and **H. Puche**. 1990. Insecticidal control of thrips in tomatoes with implications for management of tomato spotted wilt virus, pp 31-40. In: W. M. Stall (ed.), Proceedings 1990 Florida Tomato Institute. Vegetable Crops Special Series SS-VEC-001, University of Florida, Gainesville.
- Jaffe, K., and **H. Puche**. 1984. Territorial marking with metapleural gland in the ant *Solenopsis geminata* Fab. *J. Insect Physiol*. 30(4): 265-270.