

Curriculum Vitae of Rudolf H. Scheffrahn

A. Contact Information:

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B. Affiliation: same as contact information

C. Current Professional or Academic Title

Professor of Entomology

D. Appointment Split:

90% Research, 10% Teaching

E. Educational Background:

University of California, Riverside	Entomology	PhD	1984
University of California, Riverside	Entomology	MS	1981
University of California, Riverside	Entomology	BS	1978

F. Relevant Employment:

University of Florida	Professor	08/95-present
University of Florida	Assoc. Professor, tenured	08/90-08/95
University of Florida	Assistant Professor, tenure accruing	12/84 - 08/90
Univ. of Calif., Riverside	Post-Doctoral Research Assistant	08/84 - 11/84
Univ. of Calif., Riverside	Graduate Research/Teaching Asst.	06/78 - 08/84
Univ. of Calif., Riverside	Laboratory Assistant	06/75 - 06/78

G. Memberships and Affiliations: See Section V below

H. Awards and Honors (listed chronologically):

Nominee, Entomological Society of America, Pacific Branch, outstanding graduate student award. University of California, Riverside, Dept. of Entomology, 1983, 1984.

Certificate of Appreciation, Florida Pest Control Assn. 1992-2005

Certificate of Appreciation, Certified Pest Control Operators of Florida 1998-2002

Achievement Award for Collaborative Research (with N.-Y. Su), Florida Entomol. Soc., 1992

Award for Research Excellence, Orkin Pest Control, 1995, 1998 (includes \$3,000 donation).

Presidential Recognition Award for arranging and conducting termite identification workshops at the annual meetings, Florida Entomological Society, 1997

Achievement Award, School of Structural Fumigation, Broward Comm. College., 1998

University of Florida Bonus Pay Award (\$2,000) 2000, 2001, 2002

Entomologist of the Year, Florida Entomological Society, 2002

UF Research Foundation Professorship Univ of Florida Research Foundation, 2003-2005 (\$5,000 per year and \$3,000 donation)

Davis Productivity Award, Florida TaxWatch, 2004. Tree Termite Eradication Task Force (\$500)

IFAS IMAGE award (gold) for outstanding extension product, University of Florida, 2004, 2005 (Fumigation manual and brochure)

Elected to Vice President, President Elect, and President Florida Entomol. Society, 2004-2006

Section II: Research

A. Research Publications (listed chronologically within category):

Book:

Scheffrahn, R.H., B.J. Cabrera, and W.H. Kern Jr. 2004. Florida Fumigation Manual. UF/IFAS extension publication no. SP-340, 137 pp.

On-Line Technical Article:

Scheffrahn, R.H., 2005. *Cryptotermes brevis* - Full Datasheet. CABI Forestry Compendium On-Line
<http://www.cabi.org/compendia/fc/> CAB International

Book Chapters:

Su, N.-Y. and R. H. Scheffrahn. 1986. The Formosan subterranean termite (Isoptera: Rhinotermitidae), in the United States: 1907-1985, In: P. A. Zungoli [ed.], Proc. Nat'l. Conference Urban Entomol. Univ. Maryland, College Park, MD. Pp, 31-38.

Su, N.-Y. and R. H. Scheffrahn. 1987. Current status of the Formosan subterranean termite in Florida, In: M. Tamashiro and N.-Y. Su [eds.], Biology and control of the Formosan subterranean termite. College of Trop. Agr. Human Resources, Univ. of Hawaii, Honolulu, HI, pp. 27-31.

Su, N.-Y. and R. H. Scheffrahn. 1990. Update of the Formosan subterranean termite. Proc. Nat'l Conference on Urban Entomology. Clemson, SC, Pp. 41-45.

Su, N.-Y. and R. H. Scheffrahn. 1992. Recent advances in termite biology and control. Proc. Nat'l. Conference on Urban Entomology. Blacksburg, VA, Pp. 93-101.

Scheffrahn, R.H. and N.-Y. Su. 1994. Control of drywood termites (Isoptera: Kalotermitidae). Proc. Nat'l. Conference on Urban Entomology. Atlanta, GA, Pp. 41-54

Scheffrahn, R.H. 1996. The nature of wood resistance to termite attack. In: Rosen, D., F.D. Bennett, and J.L. Capinera, (eds.). Pest management in the subtropics: integrated pest management - a Florida perspective. Intercept Ltd., U.K., Pp.125-148.

Su, N.-Y., and R. H. Scheffrahn. 1996. Evaluation criteria for bait-toxicant efficacy against field colonies of subterranean termites: A review. In: Wildey, K. B. [ed.], pp. 443-447. Proc. of the 2nd Int'l. Conf. on Insect Pests in the Urban Environment.

Scheffrahn, R.H. and N.-Y. Su. Drywood termites. 1999. Handbook of Household and Structural Insect Pests. Pp. 116-119 In: Gold, R.E., and S.C. Jones (eds.) Entomological Society of America, Hyattsville, MD.

Su, N.-Y., and R.H. Scheffrahn. 2000. Termites as Pests of Buildings. Pp. 437-453 In: Bignell, D. E (ed.) Termites: Evolution, Sociality, Symbioses, Ecology. Dordrecht, Netherlands: Kluwer Academic Publishers.

Scheffrahn, Rudolf H.. 2003. Encyclopedia of Entomology. Isoptera - The Termites London: Kluwer Academic Press

Referred publications:

Hammock, B.D., E. Kuwano, A. Ketterman, R.H. Scheffrahn, S.N. Thompson, and D. Sallume. 1978. Acute toxicity and developmental effects of analogues of ethyl a-(4-chorophenoxy)-a-methylpropionate on two insects, *Oncopeltus fasciatus* and *Tenebrio molitor*. J. Agric. Food Chem. 26: 66-170.

Rust, M.K., D.A. Reierson, and R.H. Scheffrahn. 1979. Comparative habits, host utilization and xeric adaptations of the southwestern drywood termites, *Incisitermes fruticavus* Rust and *Incisitermes minor* (Hagen) (Isoptera: Kalotermitidae). Sociobiology 4: 239-255.

Hwang, Y.-S., R.H. Scheffrahn, G.W. Schultz, D.A. Reierson, H.A. Darwazeh, and M.K. Rust. 1983. Is B-phenylnitroethane the active principle of dennettia oil? J. Econ. Entomol. 76: 427-428.

Scheffrahn, R.H., L.K. Gaston, J.J. Sims, and M.K. Rust. 1983. Identification of the defensive secretion from soldiers of the North American termite, *Amitermes wheeleri* (Desneux) (Isoptera: Termitidae). J. Chem. Ecol. 9: 1293-1305.

Scheffrahn, R.H. and M.K. Rust. 1983. Drywood termite feeding deterrents in sugar pine and antitermitic activity of related compounds. J. Chem. Ecol. 9: 39-55.

Scheffrahn, R.H. and M.K. Rust. 1983. *Tenuirostritermes cinereus* (Buckley), a nasutitermitine termite from south central Texas (Isoptera: Termitidae). Sociobiology 8: 77-87.

Scheffrahn, R.H., L.K. Gaston, J.J. Sims, and M.K. Rust. 1984. Defensive ecology of *Forelius foetidus* and its chemosystematic relationship to *F. (=Iridomyrmex) pruinosis* (Hymenoptera: Formicidae: Dolichoderinae). Environ. Entomol. 13: 1502-1506.

Scheffrahn, R.H., J.J. Sims, L.K. Gaston, and M.K. Rust. 1984. 4,11-Epoxy-cis-eudesmane, soldier cephalic secretion of the Nearctic desert termite, *Amitermes minimus* Light (Termitidae: Termitinae). Experientia 40: 1136-1137.

- Scheffrahn, R.H., L.K. Gaston, W.L. Nutting, and M.K. Rust. 1986. Chemical heterogeneity of soldier defensive secretions in the desert subterranean termite, *Amitermes wheeleri*. Biochem. Syst. Ecol. 14: 661-664.
- Scheffrahn, R.H., J.J. Sims, R.K. Lee, and M.K. Rust. 1986. Helminthogermacrene, a major component in the defensive secretion of the Nearctic termite, *Amitermes wheeleri*. J. Nat. Prod. (Lloydia) 49: 699-701.
- Su, N.-Y. and R. H. Scheffrahn. 1986. Field comparison of sulfuryl fluoride susceptibility among three termite species during structural fumigation. J. Econ. Entomol. 79: 903-908.
- Su, N.-Y., and R. H. Scheffrahn. 1986. A method to access, trap, and monitor field populations of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in the urban environment. Sociobiology 12: 299-304.
- Su, N.-Y., and R. H. Scheffrahn. 1987. Alate production of a field colony of the Formosan subterranean termite (Isoptera: Rhinotermitidae). Sociobiology 13: 167-172.
- Scheffrahn, R. H., and N.-Y. Su. 1987. Structure/activity relationships of 2-haloalkanoic acids and their esters as antitermitic agents against the Formosan subterranean termite (Isoptera: Rhinotermitidae). J. Econ. Entomol. 80: 312-316.
- Scheffrahn, R. H., N.-Y. Su, J. J. Sims, and A. M. K. El-Sayed. 1987. Composition and ant-repellent activity of the soldier defensive secretion of the Palaeartic termite, *Amitermes desertorum* (Desneux) (Isoptera: Termitidae). Sociobiology 13: 75-82.
- Scheffrahn, R. H., N.-Y. Su, and W. L. A. Osbrink. 1987. Precise dosage delivery method for sulfuryl fluoride in small chamber fumigations. J. Econ. Entomol. 80: 705-707.
- Osbrink, W. L. A., R. H. Scheffrahn, N.-Y. Su, and M. K. Rust. 1987. Laboratory comparisons of sulfuryl fluoride toxicity and mean time of mortality among ten termite species (Isoptera: Hodotermitidae, Kalotermitidae, Rhinotermitidae). J. Econ. Entomol. 80: 1044-1047.
- Scheffrahn, R. H., W. L. A. Osbrink, R.-C. Hsu, and N.-Y. Su. 1987. Desorption of residual sulfuryl fluoride from structural and household commodities by headspace analysis using gas chromatography. Bull. Environ Contam. Toxicol. 39: 769-775.
- Scheffrahn, R. H., and N.-Y. Su. 1987. A world list of species in the genus *Amitermes* (Isoptera: Termitidae). Sociobiology 13: 183-190.
- Scheffrahn, R. H., R.-C. Hsu, N.-Y. Su, and J. P. Toth. 1987. Composition of adult metathoracic gland secretions from three species of burrower bugs (Hemiptera: Cydnidae) in Florida. J. Entomol. Sci. 22: 367-370.
- Su, N.-Y. and R. H. Scheffrahn. 1988. Toxicity and lethal time of N-ethyl perfluorooctane sulfonamide against two subterranean termite species (Isoptera: Rhinotermitidae). Florida Entomol. 71: 73-78.
- Su, N.-Y. and R. H. Scheffrahn. 1988. Toxicity and feeding deterency of a dihaloalkyl arylsulfone biocide, A-9248 against the Formosan subterranean termite (Isoptera: Rhinotermitidae). J. Econ. Entomol. 81: 850-854.
- Su, N.-Y. and R. H. Scheffrahn. 1988. Intra- and interspecific competition of the Formosan and eastern subterranean termite: evidence from field observations (Isoptera: Rhinotermitidae). Sociobiology 14: 157-164.
- Su, N.-Y., R. H. Scheffrahn, and P. Ban. 1988. Retention time and toxicity of a dye marker, Sudan Red 7B, on Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). J. Entomol. Sci. 23: 235-239.
- Su, N.-Y. and R. H. Scheffrahn. 1988. Foraging population and territory of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in an urban environment. Sociobiology 14: 353-359.
- Osbrink, W. L. A., R. H. Scheffrahn, R.-C. Hsu, and N.-Y. Su. 1988. Sulfuryl fluoride residues of fumigated foods protected by polyethylene film. J. Agric. Food Chem. 36: 853-855.
- Scheffrahn, R. H., R.-C. Hsu, N.-Y. Su, J. A. Huffman, S. Midland, and J. J. Sims. 1988. Allelochemical resistance of baldcypress, *Taxodium distichum*, heartwood to the subterranean termite, *Coptotermes formosanus*. J. Chem. Ecol. 14: 765-775.
- Scheffrahn, R. H., M. K. Rust, J. P. Toth, and N.-Y. Su. 1988. Soldier defensive secretions of two rare Nearctic desert termite species. Biochem. Sys. Ecol. 16: 213-216.
- Scheffrahn, R. H., J. R. Mangold, and N.-Y. Su. 1988. A survey of structure-infesting termites of peninsular Florida. Florida Entomol. 71: 615-630.
- Su, N.-Y. and R. H. Scheffrahn. 1989. Concentration-time relationship for fumigant efficacy of sulfuryl fluoride against the Formosan subterranean termite (Isoptera: Rhinotermitidae). J. Econ. Entomol. 82: 156-158.

- Su, N.-Y. and R. H. Scheffrahn. 1989. Comparative effects of an insect growth regulator, S-31183, against the Formosan subterranean termite and eastern subterranean termite (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 82: 1125-1129.
- Su, N.-Y., R. H. Scheffrahn, and P. M. Ban. 1989. Method to monitor initiation of aerial infestations by alates of the Formosan subterranean termite (Isoptera: Rhinotermitidae) in high-rise buildings. *J. Econ. Entomol.* 82: 1643-1645.
- Scheffrahn, R. H., R.-C. Hsu, and N.-Y. Su. 1989. Fluoride and sulfate residues in foods fumigated with sulfuryl fluoride. *J. Agric. Food Chem.* 37: 203-206.
- Scheffrahn, R. H. and M.K. Rust. 1989. Attraction by semiochemical mediators and major exocrine products of the myrmicine ant, *Crematogaster californica* Emery. *Southwestern Entomol.* 14: 49-55.
- Scheffrahn, R. H., R.-C. Hsu, and N.-Y. Su. 1989. Fluoride residues in frozen foods fumigated with sulfuryl fluoride. *Bull. Environ. Contam. Toxicol.* 43: 899-903.
- Scheffrahn, R. H., N.-Y. Su, and J. R. Mangold. 1989. *Amitermes floridensis*, a new species and first record of a higher termite in the eastern United States (Isoptera: Termitidae: Termitinae). *Florida Entomol.* 72: 618-625.
- Su, N.-Y. and R. H. Scheffrahn. 1990. Efficacy of sulfuryl fluoride against four beetle pests of museums (Coleoptera: Dermestidae, Anobiidae). *J. Econ. Entomol.* 83: 879-882.
- Su, N.-Y. and R. H. Scheffrahn. 1990. Comparison of eleven soil termiticides against the Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 83: 1918-1924.
- Su, N.-Y. and R. H. Scheffrahn. 1990. Economically important termites in the United States and their control. *Sociobiology*. 17: 77-94.
- Su, N.-Y. and R. H. Scheffrahn. 1990. Potential of insect growth regulators as termiticides: A review. *Sociobiology*. 17: 313-328.
- Scheffrahn, R. H., R.-C. Hsu, and N.-Y. Su. 1990. Evaluation of polymer film enclosures as protective barriers for commodities from exposure to structural fumigants. *J. Agric. Food. Chem.* 38: 904-908.
- Scheffrahn, R. H., N.-Y. Su, and B. Diehl. 1990. Native, introduced, and structure-infesting termites of the Turks and Caicos Islands, B.W.I. *Florida Entomol.* 73: 622-627.
- Grace, J.K., G.M. Cutten, R.H. Scheffrahn, and D.K.McE. Kevan. 1991. First infestation by *Incisitermes minor* of a Canadian building (Isoptera: Kalotermitidae). *Sociobiology* 18: 299-304.
- Scheffrahn, R.H. 1991. Allelochemical resistance of wood to termites. *Sociobiology* 19: 257-281
- Su, N.-Y. and R. H. Scheffrahn. 1991. Laboratory evaluation of two slow-acting toxicants against Formosan and eastern subterranean termites. (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 84: 170-175.
- Su, N.-Y., R. H. Scheffrahn, and Paul M. Ban. 1991. Uniform size particle barrier: a physical exclusion device against subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 84: 912-916.
- Su, N.-Y., P. M. Ban and R. H. Scheffrahn. 1991. Evaluation of dye markers for population studies of the eastern and Formosan subterranean termites (Isoptera: Rhinotermitidae). *Sociobiology*, 19: 349-362.
- Su, N.-Y., P. M. Ban and R. H. Scheffrahn. 1991. Population suppression of field colonies of the Formosan subterranean termite (Isoptera: Rhinotermitidae) by dihaloalkyl arylsulfone (A-9248) baits. *J. Econ. Entomol.* 84: 1525-1531.
- Su, N.-Y. and R. H. Scheffrahn. 1992. Penetration of sized particle barriers by field populations of subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 85: 2275-2278.
- Weissling, T.J., R.M. Giblin-Davis, R.H. Scheffrahn, and N. Marban Mendoza. 1992. Trap for capturing and retaining *Rhynchophorus cruentatus* (Coleoptera: Curculionidae) adults using Sabel palmetto as bait. *Florida Entomol.* 75: 212-221.
- Scheffrahn, R. H., C.L. Bloomcamp, and N.-Y. Su. 1992. Indoor airborne residues of methyl bromide and sulfuryl fluoride following aeration of fumigated houses. *Indoor Air* 2: 78-83.
- Scheffrahn, R. H., and N.-Y. Su. 1992. Comparative toxicity of methyl bromide against ten Nearctic termite species (Isoptera: Termopsidae, Kalotermitidae, Rhinotermitidae). *J. Econ. Entomol.* 85: 845-847.
- Scheffrahn, R. H., L. Bodalbhai, and N.-Y. Su. 1992. Residues of methyl bromide and sulfuryl fluoride in manufacturer-packaged household foods following fumigation. *Bull Environ. Contam. Toxicol.* 48: 821-827.
- Scheffrahn, R. H., N.-Y. Su, and R.-C. Hsu. 1992. Diffusion of methyl bromide and sulfuryl fluoride through selected structural wood matrices during fumigation. *Mater. Organ.* 27: 147-155.

- Su, N.-Y., R. H. Scheffrahn and P. M. Ban. 1993. Barrier efficacy of pyrethroid and organophosphate formulations against subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 86: 772-776.
- Su, N.-Y. and R. H. Scheffrahn. 1993. Laboratory evaluation of two chitin synthesis inhibitors, hexaflumuron and diflubenzuron, as bait toxicants against Formosan and eastern subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 86: 1453-1457.
- Su, N.-Y., P. M. Ban, and R. H. Scheffrahn. 1993. Foraging populations and territories of the eastern subterranean termite (Isoptera: Rhinotermitidae) in southeastern Florida. *Environ. Entomol.* 22: 1113-1117.
- Scheffrahn, R.H., W.P. Robbins, P. Busey, N.-Y. Su, and R.K. Mueller. 1993. Evaluation of a novel, hand-held acoustic emissions detector to monitor termites (Isoptera: Kalotermidae, Rhinotermitidae) in wood. *J. Econ. Entomol.* 86: 1720-1729.
- Scheffrahn, R.H. 1993. *Cryptotermes chasei*, a new drywood termite (Isoptera: Kalotermidae) from the Dominican Republic. *Florida Entomol.* 76: 500-507.
- Scheffrahn, R.H. and J. Krecek. 1993. *Parvitermes subtilis*, a new subterranean termite (Isoptera: Termitidae) from Cuba and the Dominican Republic. *Florida Entomol.* 76: 603-607.
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- Su, N.-Y., M. Tokoro, and R.H. Scheffrahn. 1994. Estimating oral toxicity of slow-acting toxicants against subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 87: 398-401.
- Scheffrahn, R.H. 1994. *Incisitermes furvus*, a new drywood termite (Isoptera: Kalotermidae) from Puerto Rico. *Florida Entomologist* 77: 365-372.
- Scheffrahn, R.H., J.P.E.C. Darlington, M.S. Collins, J. Krecek, and Nan-Yao Su. 1994. Termites (Isoptera: Kalotermidae, Rhinotermitidae, Termitidae) of the West Indies. *Sociobiology*. 24: 213-238.
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- Scheffrahn, R.H. and N.-Y. Su. 1994. Keys to soldier and winged adult termites (Isoptera) of Florida. *Florida Entomol.* 77: 460-474.
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- Scheffrahn, R.H., G.S. Wheeler, and N.-Y. Su. 1995. Synergism of methyl bromide and sulfuryl fluoride toxicity against termites (Isoptera: Kalotermidae, Rhinotermitidae) by admixture with carbon dioxide. *J. Econ. Entomol.* 88: 649-653.
- Scheffrahn, R.H. and N.-Y. Su. 1995. A new subterranean termite introduced to Florida: *Heterotermes Froggatt* (Rhinotermitidae: Heterotermitinae) established in Miami. *Florida Entomol.* 78: 623-627.
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Austin, J. W., Szalanski, A. L., Scheffrahn, R. H. & Messenger, M. T. 2005. Genetic variation of *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) in North America using the mitochondrial rRNA 16S gene. Annals of the Entomological Society of America 98: 980-988.

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Warner, J. & Scheffrahn, R. H. 2005. Laboratory evaluation of baits, residual insecticides, and an ultrasonic device for control of white-footed ants, *Technomyrmex albipes* (Hymenoptera: Formicidae). Sociobiology 45:317-330.

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Scheffrahn, R.H. and Nan-Yao Su. 2005. Distribution of the termite genus *Coptotermes* (Isoptera: Rhinotermitidae) in Florida. Florida Entomologist 88: 201–203.

Scheffrahn, R.H., Jan Křeček, James A. Chase, Boudanath Maharajh, and John R. Mangold. 2006. Taxonomy, Biogeography, and Notes on the Termites (Isoptera: Kalotermitidae, Rhinotermitidae, Termitidae) of the Bahamas and Turks and Caicos Islands Ann. Entomol. Soc. Amer. 99: 463-486.

Nan-Yao Su, Weimin Ye, Renato Ripa, Scheffrahn, R.H., and Robin M. Giblin-Davis. 2006. Identification of Chilean *Reticulitermes* (Isoptera: Rhinotermitidae) inferred from three mitochondrial gene DNA sequences and soldier morphology. Ann. Entomol. Soc. Amer. (in press).

Margaret A. Juergensmeyer, Bruce A. Gingras, Scheffrahn, R.H., and Mark J. Weinberg. 2006. Methyl bromide fumigant lethal to *Bacillus anthracis* spores. Journal of Environmental Health (in press).

Nonreferred publications:

Extension articles 71
On-line articles 17

B. **Research Support:** \$2.1 Million from Florida Dept of Agriculture, USEPA, Dept. of the Interior, all major pesticide manufacturers, Terminix International, and other granting sources.

C. **Numbers of Graduate Students and Postdoctoral Associates Trained:**

Chair of committee: M.S.-4, PhD-1, Post Doc-5
Committee member: M.S.-6, 4-PhD,

D. **Research Talks and Posters Presented:**

Invited presentations 65
Invited seminars 7
Invited symposia 12
Submitted presentations: 32
Submitted posters: 3

E. **Patents and Inventions**

Weinberg, Mark J., Scheffrahn, Rudolf H.. Method of decontamination of whole structures and articles contaminated by pathogenic spores. Date awarded: Oct, 2003. US-6,588,140. Description: Methyl bromide as structural sporicide for anthrax

Scheffrahn, R.H., Warner, J. 2002. Artificial Nectar-Honeydew Ant Bait. Date submitted 8/01/02. Atty. file no. 5853-244, UF#-10762. Patent pending. Novel sweet bait base with long shelf life for sweet-feeding ant control.

Scheffrahn, R.H. and J.K. Edwards. Method for storing food during fumigation US patent application 11/162,671

Scheffrahn, R.H. Disposable Controlled-Release Chloropicrin Canister. Date awarded: 6/23/99. UF No. 10172.

Section V: Service

A. Professional Societies:

Isoptera Society, Treasurer 1989-2000 (volunteered)

Florida Entomological Society:

Membership Chair – 1991, appointed

Symposia and workshops organized, 9 between 1989-2005

Vice President (local arrangements chair) – 2004, elected

President elect (program chair) – 2005, elected

President – 2006

Papers reviewed since 1984, 76

Florida Fumigation Advisory Council, Board of Directors 2001-2006

U. of Florida School of Structural Fumigation, Board of Directors and Organizer, 2004-2006

B. Organizations: none

C. Public and/or Private Sector: Science volunteer, St. Gregory School, Plantation, Florida

D. State, National, and International Agencies: NSF- grant reviewer, Queensland Dept. of Forestry consultant, Univ. of the Azores, consultant, U.S. Department of State, consultant

E. Nominee's Institution:

Faculty Search & Screen Committees, Member 1990, Chair in 2000, 2006
UF Research Foundation Award Selection Panel

Adjunct Faculty:

Florida A&M University, Department of Entomology and Pest Control, 1992-present
Florida International University, Department of Biology, 1998-present

F. Community and Other: none