

Submitted Papers Section C, Subsection Cd: Behavior and Ecology

Moner Ballroom

Moderators

J. Millar, Dept. Entomol., Univ. California, Riverside, CA 92521; and N. Vickers, Dept. Entomol., Iowa State Univ., 411 Sci. II Bldg., Ames, IA 50011

- 07:00 0240 Protecting high-value stands from Douglas-fir beetle infestation with an antiaggregation pheromone. D. W. Ross, Dept. For. Sci., Oregon State Univ., Corvallis, OR 97331; and G. E. Daterman, USDA For. Serv., Pacific Northwest Res. Stn., 3200 Jefferson Way, Corvallis, OR 97331.
- 07:12 0241 Orientation of *Ips grandicollis* to aggregation pheromone. C.A.H. Flechtmann and B. T. Sullivan. Univ. Georgia, Dept. Entomol., 413 Biol. Sci. Bldg., Athens, GA 30602.
- 07:24 0242 Proposed novel attractants for corn rootworm spp. by dynamic headspace collections using coupled gas chromatography-electroantennography. A. A. Cosé, A. Mafrá-Neto, and T. C. Baker. Iowa State Univ., Dept. Entomol., Sci. II, Bldg. 407, Ames, IA 50011.
- 07:36 0243 Synthetic attractants of western corn rootworm larvae in laboratory bioassays. D. Jewett and L. Bjostad, Entomol. Dept., Colorado State Univ., Fort Collins, CO 80523.
- 07:48 0244 Compounds from *Zanthoxylum bruneum* as repellents for *Tribolium castaneum* and *Oryzaephilus surinamensis*. X. Ge and P. A. Weston, 124 Arwood Res. Facility, Kentucky State Univ., Frankfort, KY 40601.
- 08:00 0245 Chemically mediated ovipositional behaviors of the European corn borer, *Ostrinia nubilalis*. B. F. Binder and J. C. Robbins, USDA-ARS, Corn Insects Res. Unit, Genet. Lab., c/o Insectary, Iowa State Univ., Ames, IA 50011.
- 08:12 0246 Sex pheromone of the pecan nut casebearer. J. G. Millar, Dept. Entomol., Univ. California, Riverside, CA 92521; A. Knutson, Texas Agric. Ext. Serv., 17360 Coit Rd., Dallas, TX 75252; R. Griese and G. Griese, Dept. Biol., Simon Fraser Univ., Burnaby, BC, V5A 1S6, Canada.
- 08:24 **Recess**
- 08:36 0247 Volatile semiochemicals released from undamaged cotton leaves: A systemic response to caterpillar damage. U.S.R. Rose and J. H. Tumlinson, USDA-ARS, 1700 SW 23rd Drive, P.O. Box 14565, Gainesville, FL 32604.
- 08:48 0248 Feeding attractancies of volatiles from various plants to adult *Helicoverpa zea*: Results of olfactometer studies. K. R. Beerwinkle, P. D. Lingren, and T. N. Shaver, USDA-ARS, Area-Wide Pest Management Res. Unit, Rt. 5, Box 808, College Station, TX 77845.