

Journal of Agricultural Entomology

Contents

Volume 9, No. 4

October 1992

SPECIAL MEMORIAL ISSUE in memory of
DR. THEODORE ROOSEVELT ADKINS, JR.

A TRIBUTE TO T. R. ADKINS, JR.

BARNETT, S. H. — Ted Adkins - a student perspective	219
SKELTON, T. E. — Twenty-eight years with Ted Adkins	221
CATTS, E. P. — Of lobsters, maggots, and Ted	223
LORD, W. D., T. R. ADKINS, and E. P. CATTS — The use of <i>Synthesiomyia nudiseta</i> (Van der Wulp) (Diptera: Muscidae) and <i>Calliphora vicina</i> (Robineau-Desvoidy) (Diptera: Calliphoridae) to estimate the time of death of a body buried under a house.....	227
GOFF, M. L. — Problems in estimation of postmortem interval resulting from wrapping of the corpse: a case study from Hawaii.....	237
CATTS, E. P. — Problems in estimating the postmortem interval in death investigations.....	245
SHEPPARD, D. C., D. M. GAYDON, and R. W. MILLER — Resistance in house flies (Diptera: Muscidae) selected with 5.0 ppm feed-through cyromazine.....	257
UTT, D. A., and R. D. HALL — Field studies on mortality of immature house flies (Diptera: Muscidae).....	261
KNAPP, F. W., and J. D. WEBB — Use of dichlorvos in a portable automatic sprayer-mineral station to control face flies (Diptera: Muscidae) and pyrethroid-resistant horn flies (Diptera: Muscidae) on beef cattle.....	273
WILLIAMS, R. E., and C. A. TOWELL. — Comparison of insecticidal ear tags and ivermectin in a topical formulation for controlling horn flies and face flies (Diptera: Muscidae) on pastured cattle.....	283
SEAWRIGHT, J. A., P. E. KAISER, S. K. NARANG, K. J. TENNESSEN, and S. E. MITCHELL — Distribution of sibling species A, B, C, and D of the <i>Anopheles quadrimaculatus complex</i>	289
HAIR, J. A., A. L. HOCH, R. G. BUCKNER, and R. W. BARKER — Fawn hematology and survival following tick infestation and theileriasis.....	301
GARRIS, G. I., and J. A. HAIR — Feeding performance and survival of <i>Amblyomma americanum</i> (L.) (Acari: Ixodidae) on resistant <i>Bos taurus</i> and <i>Bos taurus</i> × <i>Bos indicus</i> crossbred heifers.....	321
GRADUATE STUDENTS TRAINED BY DR. T. R. ADKINS.....	339
AUTHOR INDEX TO VOLUME 9.....	341
SUBJECT INDEX TO VOLUME 9.....	342

THE JOURNAL OF AGRICULTURAL ENTOMOLOGY

Volume 9 • Number 4 • October 1992

The *Journal of Agricultural Entomology* is published quarterly under the auspices of the South Carolina Entomological Society, Inc., at Clemson, SC. The *Journal* publishes contributions of original research concerning insects and other arthropods of agricultural importance (including those affecting man, livestock, poultry and wildlife). The *Journal* is particularly dedicated to the timely publication of articles and notes pertaining to applied entomology, although it will accept suitable contributions of a fundamental nature related to agricultural entomology.

A subscription to the *Journal* automatically accompanies membership in the South Carolina Entomological Society. For information on the *Journal* or Society, contact the Secretary-Treasurer, SCES, P.O. Box 582, Clemson, SC 29633-0582.

For guidelines in preparing manuscripts for submission, contributing authors should consult "Instructions for Authors," *J. Agric. Entomol.* 8(1): 1-6. Authors should submit **an original and three copies** of their manuscript typed double spaced to the Editor, *Journal of Agricultural Entomology*, P.O. Box 1166, Hendersonville, NC 28793-1166. **An abstract, 3-10 key words, and a running head must be included with each manuscript.** All measurements should be given in metric or in metric and English units. A charge of \$45.00 per page will be made; photos, figures, tables, etc. are charged at an additional \$20.00 each. Excessive or complicated tables, sideways tables, oversize figures, or photos may be subject to an additional charge of \$5.00 - 20.00 per page depending on number, length, complexity, etc. Author's alterations on the galley will be charged at the rate of \$2.00 per line. (Page charges are subject to change without notice.)

For more information on prevailing page charges and charges for immediate publication, advertising rates, cost of reprints, etc., contact the Business Manager.

EDITORIAL COMMITTEE

Editor: C. A. Walgenbach, P.O. Box 1166, Hendersonville, NC 28793-1166

Technical Editor: J. K. Reed, P.O. Box 425, Fairview, NC 28730

Business Manager: H. W. Fescemyer, Dept. of Entomol., Clemson Univ., Clemson, SC 29634-0365

Subject Editors:

J. D. Culin, Dept. of Entomol., Clemson Univ., Clemson, SC 29634-0365

C. J. Eckenrode, Dept. of Entomol. NYS Agricultural Expt. Sta., Geneva NY 14456

C. S. Gorsuch, Dept. of Entomol., Clemson Univ., Clemson, SC 29634-0365

E. E. Grafton-Cardwell, Kearney Agricultural Center, Univ. of California, Parlier, CA 93648

J. F. Grant, Entomol. & Plant Path. Dept., Univ. of Tennessee, Knoxville, TN 37901-1071

D. B. Hogg, Dept. of Entomol., Univ. of Wisconsin, Madison, WI 53706

J. A. Lockwood, Dept. of Plant, Soil & Insect Sciences, Univ. of Wyoming, Laramie, WY 82071

J. V. Maddox, Illinois Natural History Survey, 607 E. Peabody Dr., Champaign, IL 61820

E. C. Turner, Dept. of Entomology, VPI & SU, Blacksburg, VA 24061

NOTE: Statements in the *Journal of Agricultural Entomology*, whether fact or opinion, are the sole responsibility of the authors. Mention of a commercial product does not constitute endorsement by the South Carolina Entomological Society.

This issue mailed 23 October 1992

©1992 by The South Carolina Entomological Society, Inc.

OFFICERS OF THE SOUTH CAROLINA ENTOMOLOGICAL SOCIETY, INC.

President: S. H. Roach, 2410 Mosswood Drive, Florence, SC 29501

Immediate Past President: J. B. Kissam, 349 Gin Shoals Road, Six Mile, SC 29682

Vice President: John Hopkins, 114 Old Hickory Point, Greenville, SC 29607.

Secretary-Treasurer: Robert Nash, Central Wesleyan College, 1 Wesleyan Drive, Central, SC 29630

Historian: J. D. Culin, Dept. of Entomology, Clemson Univ., Clemson, SC 29634-0365

COCHRAN MEMORIAL FUND PATRONS¹

American Cyanamid Co.
Hoechst-Roussell Agricultural Company
ICI Americas Inc.
J. B. Kissam
Mr. and Mrs. T. P. Knox, Jr.
Orkin Pest Control
Rhone - Poulenc Ag Company
South Carolina Pest Control Association

¹ The J. H. Cochran Memorial Scholarship is awarded annually by the South Carolina Entomological Society to a deserving graduate student. Donors who contribute \$1,000 or more to the Cochran Memorial Fund are recognized by the Society as Cochran Memorial Fund Patrons. Such donations continually support graduate work in entomology since only the annual interest is used to support the award.