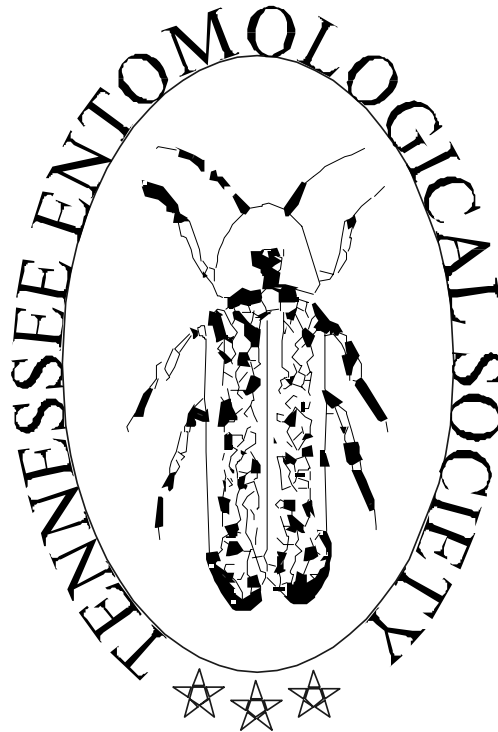


# ***THE FIREFLY***

**Proceedings of the 2007 (Thirty-Fourth)**

**Annual Meeting of the**

**Tennessee Entomological Society**



**October 11-12, 2007**

**TWRA CONFERENCE ROOM  
ELLINGTON AGRICULTURAL CENTER  
TENNESSEE DEPARTMENT OF AGRICULTURE  
NASHVILLE, TENNESSEE**

**PROCEEDINGS OF THE  
THIRTY-FOURTH  
ANNUAL MEETING  
OCTOBER 11-12, 2007**

*TWRA Conference Room  
Ellington Agricultural Center  
Tennessee Department of Agriculture  
Nashville, Tennessee*

# TABLE OF CONTENTS

	<u>Pages</u>
Richard E. Caron Outstanding Entomologist Award Nomination Form.....	iii
Proceedings of the 34 <sup>th</sup> Annual Meeting .....	1
Minutes of the 34 <sup>th</sup> Annual Meeting.....	9
Treasurer's Report.....	19
Attendance Roster of the 2007 Annual Meeting.....	20
Board of Directors and Committees .....	21
2007 Prediction and Evaluation Reports.....	22
Historical Notes .....	30
Constitution of the Tennessee Entomological Society (as of October 1991) .....	36
Operation Procedures of the Tennessee Entomological Society (as of October 2007) .....	41
Membership List (as of October 2007) .....	51
Membership Application .....	52

# RICHARD E. CARON

## OUTSTANDING ENTOMOLOGIST AWARD

### NOMINATION FORM

The Awards Committee of the Tennessee Entomological Society invites nominations from any TES member for the Richard E. Caron Outstanding Entomologist Award. The award is awarded periodically to TES members who have distinguished themselves by making outstanding contributions to entomology in Tennessee.

Name of Nominee \_\_\_\_\_

#### Brief Description of His/Her Qualifications for the Award

---

---

---

---

---

---

---

Name of Nominator \_\_\_\_\_

Phone Number of Nominee: Area Code (    ) \_\_\_\_\_

Please submit your nomination by **August 1, 2008** to:

Dr. Karen M. Vail  
Department of Entomology and Plant Pathology  
The University of Tennessee, Knoxville, TN 37996  
FAX (865) 974-4744  
kvail@utk.edu

# ***INVITED SPEAKER***

## ***Sirex noctilio: A NEW INVASIVE PEST THREAT TO PINE FORESTS IN THE U.S.***

**Dr. Nathan Schiff**

Research Entomologist

USDA Forest Service

Center for Bottomland Hardwoods Research

Stoneville, MS



The keynote speaker for the Thirty-fourth Annual Meeting of the Tennessee Entomological Society is **Dr. Nathan Schiff**. He completed his Bachelor's degree in Biology at UCLA, his Master's work in Entomology at the University of Arizona and his Ph.D. in Entomology at The University of Illinois at Champaign-Urbana where he worked with May Berenbaum.

Nathan's research has brought him to 43 countries, where he has worked with forestry groups and non-governmental organizations to address the problem of forest insect pests. He uses a variety of molecular and classical techniques to study the biology of insects with the ultimate goals of controlling undesirable species, understanding the roles insects play in forest ecosystems, describing biodiversity and protecting endangered species. He has been involved in several projects including population genetics of cottonwood leaf beetles, classical biological control of kudzu, insect biodiversity, restoration of endangered flora and fauna, and woodwasp/wood decay symbiosis.

His work on woodwasps will be the focus of this presentation. *Sirex noctilio*, is a newly introduced invasive pest of pines in the U.S. This pest is of particular concern because it threatens over 100 million acres of potentially susceptible U.S. pine forests. Nathan will explain some of the complexities of its life-cycle and discuss efforts towards controlling this highly undesirable pest species.

# ***STUDENT PAPER COMPETITION***

## **The Effects of Fecal Cases on the Survival of *Neochlamisus* Leaf Beetles (Coleoptera: Chrysomelidae): A Trade-off in Extreme Humidity Conditions**

**Christopher G. Brown** and Daniel J. Funk  
Department of Biological Sciences  
Vanderbilt University  
Nashville, TN

Camptosomate leaf beetles share an amazing building behavior in which females wrap their eggs in plates of fecal material to form a case. The larvae remain in this case, carrying it over their backs, enlarging and elaborating it until pupation. The final instar completely seals the case and pupation takes place inside. Here we present the first fully detailed study that evaluates how this unique animal architecture affects survival across a range of humidity conditions. We first determined whether or not the sealed fecal cases of pupae limit the amount of water lost in dry conditions or gained in more humid conditions. We then evaluated the effect this case has on the survival of beetles in these environments. We found a very drastic affect on case strength that presents a trade-off between normal development and the defensive function of the case. This affect could play an important role in the evolution of case hardness as a function of local humidity regimes.

# **Community Response of Non-target Canopy Insects Associated with Eastern Hemlock, *Tsuga canadensis* (L.) Carriere, in the Southern Appalachians to Imidacloprid and Horticultural Oil Applications**

**Carla Dilling<sup>1</sup>, Paris L. Lambdin<sup>1</sup>, Jerome F. Grant<sup>1</sup>, and Rusty Rhea<sup>2</sup>**

<sup>1</sup>Department of Entomology and Plant Pathology

University of Tennessee

Knoxville, TN

<sup>2</sup>Forest Health Protection, USDA Forest Service

Asheville, NC

Hemlock woolly adelgid, *Adelges tsugae* Annand, is an invasive species reducing the populations of eastern hemlock, *Tsuga canadensis* (L.) Carrière, throughout the eastern United States. Systemic imidacloprid and horticultural oil are the primary chemicals used to control infestations of this invasive pest. The impact of imidacloprid and horticultural oil on non-target canopy insects is unknown. A study was initiated in November 2005 to assess the effects of imidacloprid soil drench, soil injection, and tree injection applications, and horticultural oil applications on multiple levels of organization within the phytophagous and transient insect community (composition, overall species richness and abundance, guild species richness and abundance, and individual species). Non-metric multi-dimensional scaling (NMDS) ordination and analysis of similarity (ANOSIM) infer significant differences between community composition and treatments. Mean species richness and abundance were significantly reduced by one or more application methods. Species richness was significantly reduced among detritivore and phytophaga guilds by soil drench applications. Species abundance was significantly lower across all guilds with the exception of the haematophaga and the phytophaga/haematophaga guilds, and differed significantly from those species on the control trees. From 293 species evaluated, 35 were found to be directly effected by one or more of the chemical treatments. Of the 35 species, 27 were lepidopterans that directly consume needles of eastern hemlock. The remaining eight species were psocopterans that feed on micro-fungi found on the needles. This research will provide land managers and owners information to use in making decisions on treatment methods with lower non-target impacts.

# **Insect Pollinators and Visitors of the Rare Sunflower, *Helianthus verticillatus***

**Jennifer R. Ellis**

Department of Biological Sciences  
Vanderbilt University  
Nashville, TN

Natural hybridization with a common or invasive species is also a conservation concern for a rare species (Levin *et al.* 1996). The extinction of a rare species due to hybridization may be attributed to both demographic and genetic causes. Hybridization can contribute to extinction 1) when hybrids have reduced fitness resulting in lower reproductive potential and fewer chances to produce offspring, and 2) through genetic swamping of one species with alleles from another. This situation is exacerbated in rare species because they are usually in the numerical minority. Several factors can increase the likelihood of natural hybridization between species: sympatry, habitat disturbance, similar floral morphology, overlapping flowering phenology, unspecialized pollinators, and weak crossing barriers (Levin *et al.* 1996). In this study, I evaluated the two species for these factors including insect observations at the field site in Alabama where the two species grow together. I observed a variety of pollinators and visitors. In particular, the European honeybee (*Apis mellifera*) was observed flying between the two species. This has significant implications for the rare species since pollination events between the rare and common species will lead to pollen waste or hybrid offspring of lower fitness.



# **Are Predators Affected by Imidacloprid Used Against Hemlock Woolly Adelgid, *Adelges tsugae* Annand, on Eastern Hemlock?**

**Abdul Hakeem<sup>1</sup>**, Jerome F. Grant<sup>1</sup>, Paris L. Lambdin<sup>1</sup>, Frank Hale<sup>2</sup>, and Rusty Rhea<sup>3</sup>

<sup>1</sup>Department of Entomology and Plant Pathology  
University of Tennessee  
Knoxville, TN

<sup>2</sup>Department of Entomology and Plant Pathology  
University of Tennessee  
Nashville, TN

<sup>3</sup>Forest Health Protection, USDA Forest Service  
Asheville, NC

Hemlock woolly adelgid (HWA), *Adelges tsugae* Annand, is an exotic pest of eastern hemlock, *Tsuga canadensis* (L.) Carriere, in the eastern United States. This pest was accidentally introduced and first discovered in the eastern United States near Richmond, VA, in 1951. Heavy infestation of the adelgid can result in premature drop of foliage and death of tree within 4 to 12 years. Management of HWA requires treatment with horticultural oils, insecticidal soaps and/or conventional chemical insecticides. These pesticide treatments, however, may have a negative impact on non-target arthropods in the hemlock ecosystem. Unfortunately, little is known about the impact of imidacloprid on predatory arthropods on eastern hemlock. A study was conducted at Indian Boundary Campground, Cherokee National Forest, in southeastern Tennessee during 2005-2007 to assess the effect of imidacloprid and horticultural oil on the diversity and seasonal abundance of predators.

This study was designed with two application times (Fall and Spring) and five treatments (imidacloprid as tree injection, soil injection, and soil drench and horticultural oil as foliar spray and control trees) with three replications. Four beat-sheet samples, one from each cardinal direction, and 15 minutes of direct observation/vacuuming of main trunk were conducted on each tree. One malaise trap per tree also was observed monthly. Predators collected were placed in 70% alcohol in labeled vials and taken to the laboratory, processed, identified.

No significant differences in predator densities were observed between fall and spring treatments; however, overall spider densities were significantly lower in imidacloprid treatments than on control and horticultural oil-treated trees. No significant differences in predator densities were observed among imidacloprid treatments.

Are predators affected by imidacloprid used against HWA on eastern hemlock? Although predator densities were reduced initially, they rebounded about 1 ½ years after imidacloprid treatment and were similar to densities on control and horticultural-oil treated trees. Further research is needed to better define the long-term impacts of imidacloprid treatments on predator densities and species on eastern hemlock.

## **Sterol Usage in A Gall Midge Symbiotic with A Fungus**

**Eric M. Janson** and Patrick Abbot  
Department of Biological Sciences  
Vanderbilt University  
Nashville, TN

Unlike most animals, insects are unable to synthesize sterols (e.g., cholesterol) *de novo* and must therefore obtain necessary sterols exclusively from their diet. This presents a unique challenge for plant-feeding insects, since plants generally lack cholesterol (the primary sterol of most animals). To overcome this difficulty, many insects have formed symbiotic associations with microbes (especially fungi), which provision specific sterols that are readily metabolized into usable sterols and/or used directly in cell membranes or as hormone precursors. Here, we investigated if the ectosymbiotic fungal associate (*Botryosphaeria dothidea*) of the goldenrod-galling midge *Asteromyia carbonifera* acts as a sterol source for its host. Plant material was collected from *Solidago altissima* near Dayton, OH. Galls were dissected and larvae/pupae, leaf, and fungal tissue were subjected to sterol extraction. CG-MS revealed that *B. dothidea*'s primary sterol was ergosterol, which is the primary sterol of most filamentous ascomycetes. *A. carbonifera* larvae and pupae were devoid of cholesterol and instead their tissues contained ergosterol and ergosterol metabolites. The leaves of *S. altissima* were almost completely lacking in free sterols and instead the vast majority of the isolated sterols were conjugated to other molecules. These results demonstrate that *A. carbonifera* derives a significant nutritional benefit from its fungal symbiont and appears to be a strict mycophage. The lack of free sterols in *Solidago* may present a significant nutritional barrier to phytophagous insects, and *A. carbonifera*'s phenomenal evolutionary radiation and ecological specialization on the genus may be in part due to the nutritional relationship with its fungal symbiont.

## **Distribution of Aquatic Coleoptera in the Milan Army Ammunition Plant, Carroll and Gibson Counties, Tennessee**

**Jamie Miller** and Steve Hamilton  
Center for Field Biology  
Austin Peay State University  
Clarksville, TN

***NO ABSTRACT SUBMITTED***

# ***NON- STUDENT PAPERS***

## **Comparison of Soil Arthropods in Cave Habitats in Montgomery Co., Tennessee**

**Donald L. Sudbrink, Jr.**, Jennifer Leach, and Lisa Schneider  
School of Agriculture and GeoSciences  
Austin Peay State University  
Clarksville, TN

Cave systems in Montgomery Co., TN contain a diversity of arthropod species including several rare, threatened or endangered species. The Austin Peay State University Environmental Education Center (EEC) possesses an extensive cave system of which little knowledge of cave arthropod diversity is available. This study was conducted to determine the diversity of arthropods within the cave system. Leaf litter and surface soil samples were collected from the cave rim and interior spaces to compare arthropod biodiversity between the two types of sites. Samples were placed in Berlese funnels, and examined after one week. Thirteen orders of arthropoda were collected from cave rim sites, while only six orders of arthropoda were collected from the cave interior sites. Shannon-Wiener index values were greater at cave rim sites than interior sites. These data suggest that conditions within the caves do not support the same level of biodiversity found along the cave rims.

## **Stored Grain Update in Tennessee**

**Charles R. Patrick**  
Department of Entomology and Plant Pathology  
West Tennessee Education and Research Center  
University of Tennessee  
Jackson, TN

An update on the problems associated with stored grain in Tennessee will be provided. An overview of current management methods, as well as a glimpse at what lies on the horizon, will be presented

## ***Dectes* Stem Borer – A Pest or Not?**

**Scott Stewart<sup>1</sup>, Guz Lorenz<sup>2</sup>, Angus Catchot<sup>3</sup>, and Jeff Gore<sup>4</sup>**

<sup>1</sup>Department of Entomology and Plant Pathology  
West Tennessee Education and Research Center  
University of Tennessee  
Jackson, TN

<sup>2</sup>Department of Entomology  
University of Arkansas  
Little Rock, AR

<sup>3</sup>Department of Entomology and Plant Pathology  
Mississippi State University  
Starkville, MS

<sup>4</sup>USDA, ARS  
Stoneville, MS

The *Dectes* stem borer, *Dectes texanus texanus*, is a long-horned beetle (Coleoptera: Cerambycidae) native to the United States east of the Rocky Mountains. This insect was first reported in soybeans in Tennessee during the early 1970s and has become increasingly common in Tennessee. Widespread adoption of reduced tillage systems has undoubtedly increased the occurrence of this insect. Larvae tunnel in the stem of soybean and wild host plants, such as giant ragweed and cocklebur. It is believed that *Dectes* stem borer has only one generation annually. It is not clear whether the *Dectes* stem borer causes direct yield loss. Fields can have 90% or more of plants infested by larvae. However, recent evidence suggests that tunneling in leaf petioles or in the main stem has little effect on yield. Girdling, in preparation for overwintering can cause lodging, particularly during high winds. Lodging has been reported to cause yield loss or slow harvesting operations. This paper will address the status of *Dectes* stem borer as a pest on soybeans in Tennessee.

# **Tennessee Entomological Society**

## **Minutes of the TES Summer Board Meeting**

### **July 20, 2007**

Members Present:

Knoxville:

Karen Vail, President  
Gene Burgess, Secretary & Constitution/Operational Procedures Chair  
John Skinner, Membership Chair

Nashville:

Frank Hale, Auditing Chair & Local Arrangements Chair  
Cindy Bilbrey, Nominations Committee Chair  
Steve Powell, Treasurer & Prediction/Evaluation Chair

The Tennessee Entomological Society Board members from Knoxville and Nashville met by teleconference on 7-20-07. Dr. Karen Vail, TES President, brought the meeting to order.

Karen noted that:

- TWRA Region II Bldg. conference room had been reserved for October 11 & 12, 2007.
- The Ed Jones Auditorium has been reserved for October 10 (afternoon), 11 (all day) and 12 (all day).
- Rooms have been reserved for those attending the meeting at the Baymont Inn and Suites Nashville/Brentwood on Old Hickory in Brentwood. A mixer is planned at the motel.

Frank Hale received a report from Steve Murphree, Publicity Chair.

- Steve will have two press releases of the annual meeting.
- Steve needs the name and biographical sketch of the key note speaker.
- Steve will update the proclamation and e-mail it to the board members.
- Steve will update the recent brochure.
- Steve will create a poster and send it to the board members for comment.

Frank reported that he will make arrangements for the dinner.

Karen stated that Don Sudbrink needs to get a keynote speaker confirmed and a biographical sketch.

Karen may call another meeting in August or do the business by e-mail. She will make a to-do-list and send it to the board.

John Skinner, Awards Committee, reported that no nominations had been made for the Howard Brewer, Harry Williams or Richard Caron awards. John will not be at the meeting, but may be able to send Mike Studer and a graduate student. Steve needs to forward registrations from last year to Don Sudbrink and John Skinner.

John will work with Steve Murphree and mail new brochures to other non-public schools.

The Nominating Committee needs to select a new President elect and two members at large.

Karen will communicate with Jerome about *The Firefly*.

John asked that anyone that has ideas on who needs to be invited to the meeting let him know, so he can put them on the mailing list.

Gene Burgess stated that he will get with Gray Haun about the changes that need to be made in the Operational Procedures.

Frank will get someone to fill in for him on the committee, since he will be away.

Karen requested Cindy to contact Gray about asking the Commissioner of Agriculture to open the meeting.

Steve Powell reported that there is \$3910.12 in checking as of June 30, 07.

Karen stated that:

Don Sudbrink will need to be contacted about the honorarium and travel expenses for the guest speaker.

The Insect Festival should be set up Wednesday night and held Thursday morning.

The meeting was adjourned.

Respectively submitted  
Gene Burgess, TES Secretary

# **Tennessee Entomological Society**

## **Minutes of the Pre-Business Meeting**

### **October 11, 2007**

#### Members Present:

Karen Vail, President  
Don Sudbrink, Vice President  
Gene Burgess, Secretary  
Steve Powell, Treasurer  
Cindy Bilbrey, Past President & Nominations Committee Chair  
Gray Haun, Publication / Editorial Chair  
Steve Hamilton, Acting Awards Chair  
Jerome Grant, Membership and Publication/Editorial Committee

The Pre-Business Meeting was held in the conference room at the Baymont Inn and Suites in Brentwood Tennessee on Thursday, October 11, 2007.

Dr Karen Vail called the meeting to order at 8:10 p.m. followed by committee reports.

#### Constitution / Operational Procedures Committee Report:

The Operating Procedures were distributed and reviewed. The changes in the awards section were approved.

#### Auditing Committee Report:

Steve Hamilton, Acting Auditor, reported the committee found the Treasurer's records in order and in good condition.

#### Awards Committee Report:

No committee report was given. Karen phoned Dr. Skinner. He reported a 4-H winner for the Harry E. Williams Award had been selected, probably from Carroll County.

#### Membership Committee:

No committee report was given. Don reported announcements were sent to the ESA website directory and to the membership. It was suggested that Steve Hamilton and Steve Murphree serve on the Membership Committee. The Board thought more personal contacts should be made regarding the meeting. It was suggested the Treasurer send the Secretary a membership list, which will be maintained with the minutes.

#### Insect Festival Report:

No committee report was given. It was reported this year's festival was cancelled because of committee chair conflicts. Several suggestions were made. The new President should see if David Cook will continue to serve as chair and explore the possibility of having a co-chair. The chair should start planning the festival at the beginning of the school year. The choice of schools was discussed. The possibility of students from home schooling would be a good alternative.

Local Arrangements Committee Report:

No committee report was given. David Cook, committee member, served in Frank Hale's absence.

Nominating Committee Report:

Cindy Bilbrey, Chair, reported she had no volunteers for the President Elect or Members-at-Large. The board recommended the following names:

President Elect – Bruce Kauffman or Ken Copley  
Members-at-Large – Steve Hamilton and Clint Strohmeier

Prediction / Evaluation Committee Report:

It was suggested that Clint Strohmeier and Bruce Kauffman be placed on this committee.

Program Committee Report:

Don Sudbrink, Chair, stated how well he appreciated everyone's participation, and the good assortment of papers. He felt more participation was needed from UT.

Publication / Editorial Committee Report:

Jerome is working on the 2003, 2004 and 2005 issues of *The Firefly*. The following information is needed for the 2005 *Firefly*:

Abstracts  
Minutes  
Membership List  
Attendance Roster  
Historical Notes  
Members-at-Large

The summer minutes are needed for 2006 *Firefly*:

Publicity Committee Report:

No committee report was given. Steve Powell presented the Proclamations from the Governor's office to the Board.

Treasurer's Report:

The treasurer's report was presented and approved.

The meeting adjourned at 10:45 pm.

Respectively submitted  
Edward E. (Gene) Burgess, Secretary



# **Tennessee Entomological Society**

## **Minutes of the Business Meeting**

### **October 12, 2007**

The Tennessee Entomological Society held its annual Business Meeting at the Tennessee Wildlife Resources Agency, Region II Building on Friday, October 12, 2007.

Dr. Karen Vail, President, called the business meeting to order at 8:52 a.m.

The following suggestions were made: It was emphasized that TES needs new members. Everyone should find at least one new member next year. The meeting notification should be sent out earlier next year, so people can get the meeting date on their calendar.

Karen called for committee reports:

#### Secretary Report:

Gene Burgess, Secretary, reported the minutes were posted on the TES website and would be revised with recommended changes. The minutes were approved as modified.

#### Treasurer Report:

Steve Powell, Treasurer, distributed copies of the treasurer's report. See Attachment A. The expenditures were \$90 for student meals, \$150 for 1<sup>st</sup> place student award and \$75 for 2<sup>nd</sup> place student award.

#### Auditing Committee Report:

Steve Hamilton, Acting Chair, reported the Treasurer's records were in proper order.

An honorarium for Dr. Nathan Schiff, guest speaker, was discussed. Since, the invited speaker works for the USDA and cannot receive a monetary gift, Don Sudbrink will send him a certificate and letter of thanks.

The report was approved.

#### Historian Report:

No report was given.

#### Program Report:

Don Sudbrink, Chair, gave the report. It was agreed that extending the deadline for paper submission was a good move. It was recommended that the e-mail membership list be updated. Student advisors need to encourage students to attend the meeting. Don reported that information about the meeting was sent to the Tennessee Board of Regents, TBR, schools.

The President commended the Vice President for a good program.

Local Arrangements:

The President thanked David Cook for filling in for Frank Hale in getting the refreshments etc.

It was agreed that the Baymont Inn and Suites met the needs for the membership.

Membership Report:

No committee report was given.

Various contacts for the meeting were discussed. David Cook volunteered to contact nurseries about the meeting. Karen Vail mentioned the Green Industry and Pest Control Industry as possibilities for attendance next year. Gray Haun will consider calling a meeting of his inspectors the day before the TES meeting, so they can attend the TES meeting. It was suggested that members of USDA, TDEC and NRCS be informed of the meeting. It was also suggested that we follow-up on new members. We need to encourage the research faculty to attend the meeting. And, the faculty needs to encourage their graduate students to attend.

It was suggested that the President make contact with the board members once a quarter with updates.

Nominating Committee:

Cindy Bilbrey, Acting Chair, reported that the committee recommended the following officers and members-at-large:

President Elect –	Bruce Kauffman
Member-at-Large –	Steve Hamilton
	Clint Strohmeier (To be contacted)
	David Cook (Backup)
Editor –	Jerome Grant

Awards Committee:

Steve Hamilton, committee member, reported the following:

Harry E. Williams Award –	A young lady probably from Carroll County
1 <sup>st</sup> Place Student Award –	Eric Janson
2 <sup>nd</sup> Place Student Award –	Carla Dilling

The winners of the 2006 Howard Bruer and Harry E. Williams Awards did not receive their plaques. It was recommended that John Skinner, Awards Chair, follow-up with the winners. The President will remind John to contact those individuals.

When presenting data remind speakers to use a format compatible with the PC operating system rather than a MacIntosh.

It was suggested that the secretary keep a copy of all the forms and certificates.

Prediction and Evaluation Report:

Steve Powell, Chair, distributed the following handouts:

*Emerald Ash Borer DA-2006-52*  
*Questions and Answers on the Emerald Ash Borer Quarantine*  
*Cooperative Emerald Ash Borer Project*  
*Emerald Ash Borer Website*  
*Gypsy Moth Delimiting Sites – 2008*  
*Plant Pest Program Information*  
*Pest Alert: Emerald Ash Borer*  
*Imported Fire Ant Areas in Tennessee*  
*2007 Tennessee IFA Quarantine*

The hazard of imported fire ants being brought into Tennessee was discussed. It was reported that the funding for Gypsy moth work in Tennessee may be decreased. TDA has found Japanese beetles in eight counties in West Tennessee. These were Obion, Lake, Dyer, Lauderdale, Tipton, Fayette, Hardiman and Chester. The regulatory people in Tennessee are concerned about the Emerald Ash Borer, which is presently not found in the state.

Gray Haun mentioned that the National Plant Pest Board Site has a summary of state regulations. The site may be found at <http://www.nationalplantboard.org>.

Constitution / Operational Procedures Report:

Gene Burgess, Chair, reported that the revised Operating Procedures had been approved by the board and will be posted on the TES website.

Editorial Report:

All speakers need to get their abstracts to Don Sudbrink. When *The Firefly* is completed, it will be placed on the TES website. This will include members attending the meeting, excluding their addresses and phone numbers.

Publicity Report:

No committee report was given. Steve Murphree had the Proclamations prepared. Don will get these to Steve.

Insect Festival Report:

David Cook, Chair, reported that the Insect Festival had been postponed because the Crieve Hall school was on break; David Lipscomb school could not come at the time scheduled for the festival; and the chair had a very busy schedule. David agreed to work on the festival for next year. He suggested inviting students from home schooling. Approximately 300 home schoolers could attend.

David volunteered to contact Crieve Hall regarding participation next year. Cindy volunteered to reserve the Ed Jones Auditorium.

The flow of all TES information should go to the President, who will communicate with the board on a quarterly basis.

Karen thanked all committee members, speakers and others for their work in making the meeting a success, and turned the gavel over to the new President, Dr. Don Sudbrink.

Don commended Karen for a job well done as President.

The meeting was adjourned at 10:43 am.

Respectively submitted

Edward (Gene) Burgess, Secretary

# Tennessee Entomological Society

## Minutes of the Post-Business Meeting

### October 12, 2007

Members Present:

Don Sudbrink, President  
 Karen Vail, Past President & Nominations Chair  
 Gene Burgess, Secretary  
 Gray Haun, Publication/Editorial Chair  
 Jerome Grant, Membership Chair, Publication/Editorial Chair  
 Cindy Bilbrey, Auditing Chair  
 Steve Powell, Treasurer & Prediction/Evaluation Chair  
 David Cook, Insect Festival Chair

The Post-Business Meeting of the Tennessee Entomological Society was held on Friday, October 12, 2007 at the Tennessee Wildlife Resources Agency, Region II Building.

Dr. Don Sudbrink, President, called the meeting to order at 10:45 a.m.

Committee assignments:

<u>Auditing</u> Cindy Bilbrey, Chair Frank Hale	<u>Membership</u> Jerome Grant, Chair Scott Stewart Steve Murphree David Cook Steve Hamilton Steve Powell
<u>Awards</u> Steve Hamilton, Chair Scott Stewart John Skinner	<u>Nominations</u> Karen Vail, Chair Clint Strohmer Bruce Kauffman
<u>Constitution / Operational Procedures</u> Gene Burgess, Chair Gray Haun	<u>Program</u> Bruce Kauffman, Chair Karen Vail
<u>Insect Festival</u> David Cook, Chair Frank Hale Jerome Grant John Skinner Karen Vail Don Sudbrink Gene Burgess Carla Dilling	<u>Publication / Editorial</u> Jerome Grant, Chair Gray Haun
<u>Local Arrangements</u> Frank Hale, Chair Cindy Bilbrey David Cook Cletus Youmans	<u>Publicity</u> Steve Murphree, Chair David Cook Steve Hamilton Frank Hale

Don emphasized the importance of membership. He asked everyone to assist in improving our membership. We need to encourage Professors to come to the meeting and send their students. Don will inform departments of the annual meeting at various colleges and universities.

Bruce Kauffman, President Elect, will be responsible for find next year's main speaker. Rusty Rhea was suggested as a good possibility.

It was recommended that the President send out TES updates and reminders on a quarterly basis. The committee chairs should send the President appropriate quarterly reports on committee activities. This means the committee chairs should keep in contact with their committee members in conducting committee business in a timely fashion.

It was recommended that the Secretary note in the Procedures that we need to make regular contacts of Science Fair representatives by February.

The best time to hold the Insect Festivals was discussed. David Cook stated that it is better for the schools to have the Insect Festival on Thursdays. The President recommended that the Insect Festival Chair and Program Committee Chair work out the best time to conduct the Festival.

The number of meetings that TES should have was briefly discussed. It was concluded that the society should continue to have the same types of meetings:

- Summer Teleconference -- date to be determined.
- Pre-Business Meeting -- the night before.
- Business Meeting -- the second day of the annual meeting.
- Post Business Meeting -- following the Business Meeting

The time these meetings will be held will need to be flexible, depending on the situation of each annual meeting.

The President will announce the Pre-Business Meeting when he finds out the time of the Insect Festival.

The meeting was adjourned at 10:58 a.m.

Respectively submitted

Edward E. (Gene) Burgess, Secretary

**TENNESSEE ENTOMOLOGICAL SOCIETY**  
**Treasurer's Report**  
**October 2006 – October 2007**

Books and Records audited by Auditing Committee (Frank Hale, Chair)

Balance on hand 10-12-06

Checking	3979.55
Cash	220.00
<b>TOTAL ASSETS</b>	<b>4199.55</b>

Disbursements

Frank Hale – Hospitality	(68.63)
John Skinner - Plaques	(37.15)
Aurora Toennisson – 1 <sup>st</sup> Place Student Award	(150.00)
Derek Bailey – 2 <sup>nd</sup> Place Student Award	(75.00)
Kathy Heinsohn – Invited Speaker Expenses	(575.65)

<b>TOTAL EXPENSES</b>	<b>(906.43)</b>
-----------------------	-----------------

Income

2006 Meeting Income	617.00
---------------------	--------

<b>TOTAL INCOME</b>	<b>617.00</b>
---------------------	---------------

Balance on Hand (10-11-07)

Checking	3690.12
Cash	220.00
<b>Total Assets</b>	<b>3910.12</b>

Respectfully Submitted,

Steve Powell, Treasurer

# ATTENDANCE ROSTER OF THE 2007 ANNUAL MEETING OF THE TENNESSEE ENTOMOLOGICAL SOCIETY

## MEMBER

## AFFILIATION

## LOCATION

### Regular Members

Alexander, William	TN Dept. of Agric	Nashville, TN
Bilbrey, Cindy	TN Dept. of Agric.	Nashville, TN
Bilbrey, Jim	All American Pest Control	Nashville, TN
Burgess, Edward (Gene)	Univ. of TN	Knoxville, TN
Cook, David	Univ. of TN	Nashville, TN
Grant, Jerome	Univ. of TN	Knoxville, TN
Hamilton, Steven W.	Austin Peay St. Univ.	Clarksville, TN
Haun, Walker G. (Gray)	TN Dept. Agric.	Nashville, TN
Jones, Carl	Univ. of TN	Knoxville, TN
Kauffman, Bruce	TN Dept. of Agric.	Nashville, TN
Koon, James	All American Pest Control	Nashville, TN
Patrick, Russ	Univ. of TN	Jackson, TN
Powell, Steve	TN Dept. of Agric.	Nashville, TN
Schiff, Nathan	USDA Forest Service (Guest)	Stoneville, MS
Stewart, Scott	Univ. of TN	Jackson, TN
Strohmeier, Clint	TN Dept. of Agric.	Nashville, TN
Sudbrink, Jr., Donald L.	Austin Peay St. Univ.	Stoneville, MS
Vail, Karen	Univ. of TN	Knoxville, TN

### Student Members

Brown, Christopher	Vanderbilt University	Nashville, TN
Dilling, Carla	University of Tennessee	Knoxville, TN
Ellis, Jennifer	Vanderbilt University	Nashville, TN
Hakeem, Abdul	University of Tennessee	Knoxville, TN
Janson, Eric	Vanderbilt University	Nashville, TN
Rhoades, Paul	University of Tennessee	Knoxville, TN

### Sustaining/Corporate Members

***NONE ATTENDING***



# BOARD OF DIRECTORS

President – Karen Vail, kvail@utk.edu  
Past President – Cindy Bilbrey, cindybilbrey@bellsouth.net  
President Elect – Don Sudbrink, sudbrinkd@apsu.edu  
Treasurer - Steve Powell, Steve.Powell@state.tn.us  
Editor - Gray Haun, Walker.Haun@state.tn.us  
Historian - Frank Hale, fahale@utk.edu  
Secretary (acting) – Gene Burgess, gburgess1@utk.edu  
Member-at-Large – David Cook, dcook5@utk.edu  
Member-at-Large – Steve Hamilton, HamiltonSW@apsu.edu

## TES COMMITTEES 2006 - 2007

### AUDITING

Frank Hale (Chair)  
Clete Youmans

### AWARDS

Scott Stewart (Chair)  
John Skinner  
Steve Hamilton

### CONSTITUTION/OPERATIONAL PROCEDURES

Gene Burgess (Chair)  
Gray Haun

### LOCAL ARRANGEMENTS

Frank Hale (Chair)  
Cindy Bilbrey  
David Cook  
Clete Youmans

### MEMBERSHIP

John Skinner (Chair)  
Steve Hamilton  
Jerome Grant

### NOMINATING

Cindy Bilbrey (Chair)  
Scott Stewart

### PREDICTION/EVALUATION

Steve Powell (Chair)  
Derek Bailey

### PROGRAM

Don Sudbrink (Chair)  
Gene Burgess

### PUBLICATION/EDITORIAL

Gray Haun, Chair  
Jerome Grant

### PUBLICITY

Steve Murphree (Chair)  
Frank Hale  
David Cook

### INSECT FESTIVAL

David Cook (Chair)  
Frank Hale  
Jerome Grant  
John Skinner  
Karen Vail  
Don Sudbrink  
Carla Dilling  
Gene Burgess

# Tennessee Entomological Society

## Prediction and Evaluation

### Committee Report

October 12, 2007

Steve Powell - Chair  
Committee Members:  
Derek Bailey

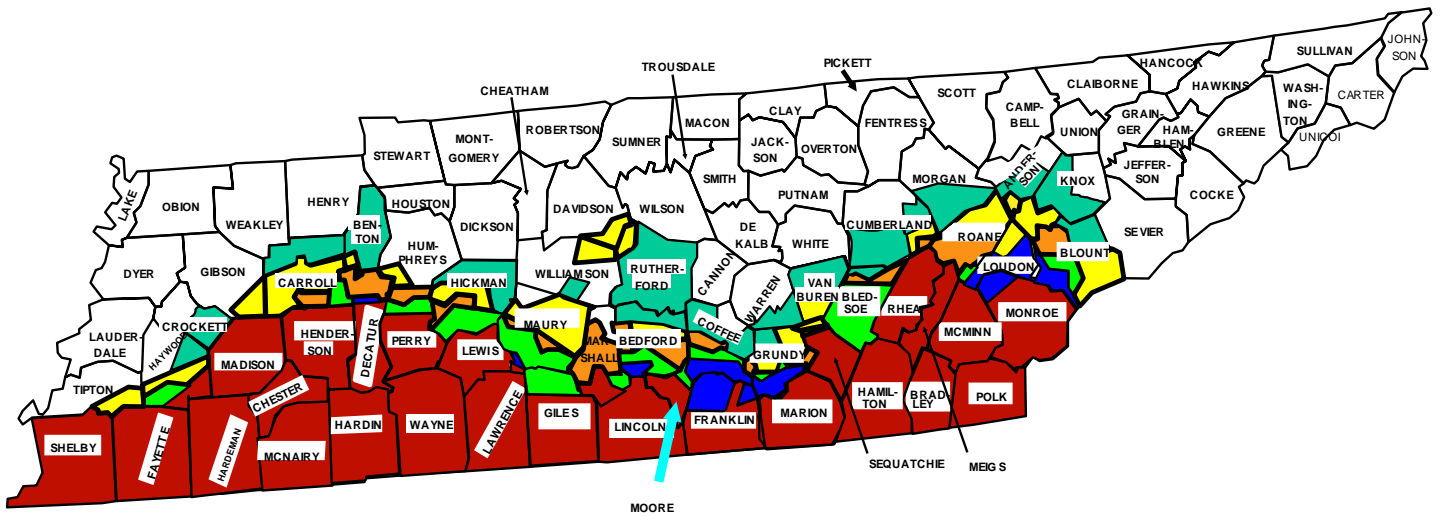
Steve Powell, State Entomologist, informed the membership on the status of imported fire ant in Tennessee. He also made other materials available to interested individuals, and those materials are listed below.

*Emerald Ash Borer DA-2006-52*  
*Questions and Answers on the Emerald Ash Borer Quarantine*  
*Cooperative Emerald Ash Borer Project*  
*Emerald Ash Borer Website*  
*Gypsy Moth Delimiting Sites – 2008*  
*Plant Pest Program Information*  
*Pest Alert: Emerald Ash Borer*  
*Imported Fire Ant Areas in Tennessee*  
*2007 Tennessee IFA Quarantine*

It was reported that funding for gypsy moth work in Tennessee may be decreased. TDA has found Japanese beetles in eight counties in West Tennessee. These were Obion, Lake, Dyer, Lauderdale, Tipton, Fayette, Hardeman and Chester. The regulatory people in Tennessee are concerned about the emerald ash borer, which is presently not found in the state. The hazard of imported fire ants being brought into Tennessee also was discussed. The following pages present some of the information that he shared with the membership.



# 2007 TENNESSEE IFA Quarantine



- = Imported Fire Ant Regulated Areas 2007
- = Imported Fire Ant Regulated Areas 2006
- = Imported Fire Ant Regulated Areas 2005
- = Imported Fire Ant Regulated Areas 2004
- = Imported Fire Ant Regulated Areas 2002
- = Imported Fire Ant Regulated Areas 2001

# IMPORTED FIRE ANT AREAS IN TENNESSEE QUARANTINED AREAS FOR YEAR 2007

NOTE: Italics indicate a new county or a change from year 2006.

1. **Anderson County** – *That portion of the county lying southeast of a line beginning at the Roane/Anderson County line on Tennessee Highway 330 and then continuing northeast along Tennessee Highway 330 until reaching Tennessee Highway 116 and then continuing north along Tennessee Highway 116 until reaching Interstate 75 and then that portion of the county lying southwest of Interstate 75 while continuing southeast along Interstate 75 until reaching the Anderson/Knox County line.*
2. **Bedford County** – *The entire county.*
3. **Benton County** – *The entire county.*
4. **Bledsoe County** – *The entire county.*
5. **Blount County** – *The entire county.*
6. **Bradley County** – *The entire county.*
7. **Carroll County** – *The entire county.*
8. **Chester County** – *The entire county.*
9. **Coffee County** – *That portion of the county lying southwest of a line beginning at the Cannon/Coffee County line on Tennessee Highway 53 and then continuing south along Tennessee Highway 53 until reaching Riddle Road and then continuing southeast along Riddle Road until reaching Keele Road and then continuing northeast along Keele Road until reaching Tennessee Highway 55 and then that portion of the county lying southeast of Tennessee Highway 55 while continuing northeast along Tennessee Highway 55 until reaching Swann Road and then continuing east along Swann Road until reaching Wiser Road and then continuing north along Wiser Road until reaching Rock Road and then continuing east along Rock Road until reaching Pleasant Knoll Road and then continuing north along Pleasant Knoll Road until reaching Marcrom Road and then continuing east along Marcrom Road until reaching the Coffee/Warren County line.*
10. **Crockett County** – *That portion of the county lying east of a line beginning at the Haywood/Crockett County line along United States Highway 70A/79 and then continuing northeast along United States Highway 70A/79 until reaching Tennessee Highway 88 and then continuing north along Tennessee Highway 88 until reaching Tennessee Highway 54 and then continuing northeast along Tennessee Highway 54 until reaching the Crockett/Gibson County line.*

11. **Cumberland County** - *That portion of the county lying southeast of a line beginning at the White /Cumberland County line on United States Highway 70 and then continuing east along United States Highway 70 until reaching Market Street (in Crab Orchard) and then continuing north along Market Street until reaching Main Street and then continuing west along Main Street until reaching Chestnut Hill Road and then continuing northeast along Chestnut Hill Road until reaching Westchester Drive and then continuing north along Westchester Drive until reaching Peavine Road and then continuing east along Peavine Road until reaching Hebbertsburg Road and then continuing northeast along Hebbertsburg Road until reaching the Cumberland/Morgan County line.*
12. **Davidson County** - That portion of the county lying southeast of a line beginning at the Williamson/Davidson County line on U. S. Highway 431 and then continuing northeast along U. S. Highway 431 until reaching Tennessee Highway 254 and then continuing east along Tennessee Highway 254 until reaching U. S. Highway 31A/41A and then continuing north along U. S. Highway 31A/41A until reaching Tennessee Highway 255 and then continuing northeast along Tennessee Highway 255 until reaching Interstate 40 and then continuing east along Interstate 40 until reaching the Wilson/Davidson County line.
13. **Decatur County** – The entire county.
14. **Fayette County** – The entire county.
15. **Franklin County** – The entire county.
16. **Gibson County** - That portion of the county lying southeast of a line beginning at the Madison/Gibson County line on U. S. Highway 45 W and then continuing northwest along U. S. Highway 45 W until reaching the U. S. Highway 45 W Bypass (Tennessee Highway 366) and then continuing north along the U. S. Highway 45 Bypass until reaching U. S. Highway 79/70A and then continuing northeast along U. S. Highway 79/70A until reaching the Carroll/Gibson County line.
17. **Giles County** – The entire county.
18. **Grundy County** – *The entire county.*
19. **Hamilton County** – The entire county.
20. **Hardeman County** – The entire county.
21. **Hardin County** – The entire county.
22. **Haywood County** – *That portion of the county lying southeast of Tennessee Highway 54.*

- 23. Henderson County** – The entire county.
- 24. Hickman County** – *The entire county.*
- 25. Humphreys County** - That portion of the county lying south of a line beginning at the Benton/Humphreys County line at Latitude 36 Degrees and then continuing east along Latitude 36 Degrees until reaching Forks River Road and then continuing south along Forks River Road until reaching Old Highway 13 and then continuing southeast along Old Highway 13 until reaching Tennessee Highway 13 and then continuing south along Tennessee Highway 13 until reaching Interstate 40 and then continuing east along Interstate 40 until reaching the Hickman/Humphreys Co. line.
- 26. Knox County** - *That portion of the county lying southwest of a line beginning at the Union/Knox Co. line on Tennessee Highway 33 and then continuing south along Tennessee Highway 33 until reaching the Tennessee River and then continuing north-east along the Tennessee River until reaching the French Broad River and then continuing east along the French Broad River until reaching the Knox/Sevier Co. line.*
- 27. Lawrence County** – The entire county.
- 28. Lewis County** – The entire county.
- 29. Lincoln County** – The entire county.
- 30. Loudon County** – The entire county.
- 31. Madison County** – The entire county.
- 32. Marion County** – The entire county.
- 33. Marshall County** – That portion of the county lying south of a line beginning at the Maury/Marshall County line on Moses Road and then continuing northeast along Moses Road until reaching Wilson School Road and then continuing southeast along Wilson School Road until reaching Lunns Store Road and then continuing south along Lunns Store Road until reaching Tennessee Highway 99 and then continuing east along Tennessee Highway 99 until reaching U. S. Highway 31A and then continuing south along U. S. Highway 31A until reaching James Shaw Road and then continuing south along James Shaw Road until reaching until reaching Clay Hill Road and then continuing east along Clay Hill Road until reaching Warner Road and then continuing south along Warner Road until reaching Batten Road and then continuing southeast along Batten Road until reaching the Bedford/Marshall Co. line.
- 34. Maury County** – That portion of the county lying south of a line beginning at the Hickman/Maury County line on Jones Valley Road and then continuing east along Jones Valley Road until reaching Leipers Creek Road and then continuing south

along Leipers Creek Road until reaching Tennessee Highway 247 and then continuing northeast along Tennessee Highway 247 until reaching Tennessee Highway 246 and then continuing north along Tennessee Highway 246 until reaching the Williamson/Maury Co. line.

35. **McMinn County** – The entire county.
36. **McNairy County** – The entire county.
37. **Meigs County** – The entire county.
38. **Monroe County** – The entire county.
39. **Moore County** – The entire county.
40. **Morgan County** – *That portion of the county lying south of a line beginning at the Cumberland/Morgan County line on Tennessee Highway 298 and then continuing northeast along Tennessee Highway 298 until reaching Tennessee Highway 62 and then continuing southeast along Tennessee Highway 62 until reaching the Morgan/Roane County line.*
41. **Perry County** – The entire county.
42. **Polk County** – The entire county.
43. **Rhea County** – The entire county.
44. **Roane County** – The entire county.
45. **Rutherford County** – *The entire county.*
46. **Sequatchie County** – The entire county.
47. **Shelby County** – The entire county.
48. **Tipton County** – *That portion of the county lying south of a line beginning at the Shelby/Tipton County line on Tennessee Highway 14 and then continuing northeast along Tennessee Highway 14 until reaching Tennessee Highway 179 and then continuing southeast along Tennessee Highway 179 until reaching the Haywood/Tipton County line.*
49. **Van Buren County** – *The entire county.*



**50. Warren County** – *That portion of the county lying southeast of a line beginning at the Coffee/Warren County line on Marcrom Road and then continuing east along Marcrom Road until reaching Fred Hoover Road and then continuing north along Fred Hoover Road until reaching Tennessee Highway 287 and then continuing northwest along Tennessee Highway 287 until reaching Verville Road and then continuing northeast along Verville Road until reaching Swan Mill Road and then continuing east along Swan Mill Road until reaching Grove Road and then continuing southeast along Grove Road until reaching Tennessee Highway 108/127 and then continuing northeast along Tennessee Highway 108/127 until reaching the split between Tennessee Highway 108 and Tennessee Highway 127 and then continuing northeast along Tennessee Highway 127 until reaching Tennessee Highway 56 and then continuing southeast along Tennessee Highway 56 until reaching Fairview Road and then continuing northeast along Fairview Road until reaching Tennessee Highway 8 and then continuing southeast along Tennessee Highway 8 until reaching Dark Hollow Road and then continuing north along Dark Hollow Road until reaching Tennessee Highway 30 and then continuing northeast along Tennessee Highway 30 until reaching the Warren/Van Buren County line.*

**51. Wayne County** – The entire county.

**52. Williamson County** – *That portion of the county lying northeast of a line beginning at the Davidson/Williamson County line on U. S. Highway 31 and then continuing southwest along U. S. Highway 31 until reaching U. S. Highway Business 431 and then continuing southeast along U. S. Highway Business 431 until reaching Mack Hatcher Parkway and then continuing north along Mack Hatcher Parkway until reaching South Royal Oaks Blvd. and then continuing northeast along South Royal Oaks Blvd. until reaching Tennessee Highway 96 and then continuing east along Tennessee Highway 96 until reaching Clovercroft Road and then continuing northeast along Clovercroft Road until reaching Wilson Pike and then continuing north along Wilson Pike until reaching Clovercroft Road and then continuing northeast along Clovercroft Road until reaching Rocky Fork Road and then continuing east along Rocky Fork Road until reaching the Rutherford/Williamson County line. Also, that portion of the county enclosed by the following line beginning at the Maury/Williamson County line on Tennessee Highway 246 and then continuing north along Tennessee Highway 246 until reaching Thompson Station Road West and then continuing east along Thompson Station Road West until reaching Thompson Station Road East and then continuing east along Thompson Station Road East until reaching Interstate 65 and then continuing south along Interstate 65 until reaching the Williamson/Maury County line.*

# HISTORICAL NOTES

## Presidents of the Tennessee Entomological Society (1973 - Present)

<u>President</u>	<u>Term</u>	<u>Affiliation</u>
Mendell Snodgrass	'73 - '74	USDA
Omar Smith	'74 - '75	Memphis State University
Don Clements	'75 - '76	Cook's Pest Control
Gary Lentz	'76 - '77	University of Tennessee
Chester Gordon	'77 - '78	Tenn. Dept. of Agriculture
Gene Burgess	'78 - '79	University of Tennessee
Reid Gerhardt	'79 - '80	University of Tennessee
Harold Bancroft	'80 - '81	Memphis State University
Joe Dunn	'81 - '82	American Cyanamid Co.
Bill Van Landingham	'82 - '83	Tenn. Dept. of Agriculture
Carl Brown	'83 - '84	Memphis State University
Charles Pless	'84 - '85	University of Tennessee
Michael E. Cooper	'85 - '86	Tenn. Dept. of Agriculture
Elmo Shipp	'86 - '87	Mobay
Bill Shamiyeh	'87 - '88	University of Tennessee
Harvey Barton	'88 - '89	Arkansas State University
Harry Williams	'89 - '90	University of Tennessee
Bruce Kauffman	'90 - '91	Tenn. Dept. of Agriculture
Jamie Yanes, Jr.	'91 - '92	American Cyanamid Co.
Jerome Grant	'92 - '93	University of Tennessee
Russ Patrick	'93 - '94	University of Tennessee
Lynn Snodderly	'94 - '95	Tenn. Dept. of Agriculture
Paris Lambdin	'95 - '96	University of Tennessee
Frank Hale	'96 - '97	University of Tennessee
Steve Murphree	'97 - '98	Belmont University
Clete Youmans	'98 - '99	American Cyanamid
Catharine Mannion	'99 - '00	TN Nursery Crop Res. Cnt.
Gray Haun	'00 - '01	Tenn. Dept. of Agriculture
Steven Hamilton	'01 - '02	Austin Peay State University
John Skinner	'02 - '03	University of Tennessee
Jason Oliver	'03 - '04	Tennessee State University
Scott Stewart	'04 - '05	University of Tennessee
Cindy Bilbrey	'05 - '06	Tenn. Dept. of Agriculture
Karen Vail	'06 - '07	University of Tennessee

**Secretary-Treasurers of the Tennessee  
Entomological Society (1973 - 1991)**

<u>Secretary-Treasurer</u>	<u>Term</u>	<u>Affiliation</u>
Jimmy White	'73 - '76	Tenn. Dept. of Agriculture
Harold Bancroft	'76 - '79	Memphis State University
Lyle Klostermeyer	'79 - '82	University of Tennessee
Bill Shamiyeh	'82 - '85	University of Tennessee
Richard Caron	'85 - '91	University of Tennessee

**Secretaries of the Tennessee  
Entomological Society (1991 - Present)**

<u>Secretary</u>	<u>Term</u>	<u>Affiliation</u>
Gary Lentz	'91 - '93	University of Tennessee
Gary Lentz	'93 - '02	University of Tennessee
Gary Lentz	'02 - '05	University of Tennessee
Gene Burgess	'05 - '07'	University of Tennessee

**Treasurers of the Tennessee  
Entomological Society (1991 - present)**

<u>Treasurer</u>	<u>Term</u>	<u>Affiliation</u>
Harvey Barton	'91 - '94	Arkansas State University
Harvey Barton	'94 - '97	Arkansas State University
Steve Powell	'97 - '02	TN Dept. of Agriculture
Steve Powell	'02 - '05	TN Dept. of Agriculture
Steve Powell	'05 - '07	TN Dept. of Agriculture

**Editors of the Tennessee  
Entomological Society (1991 - present)**

<u>Editor</u>	<u>Term</u>	<u>Affiliation</u>
Gray Haun	'91 - '99	TN Dept. of Agriculture
Lynn Snodderly	'00 - '01	TN Dept. of Agriculture
Gray Haun	'01 - '07	TN Dept. of Agriculture

## Board of Directors Members at Large

<u>Member</u>	<u>Term</u>	<u>Affiliation</u>
Gary Lentz	'87 - '88	University of Tennessee
Blake Bevill	'87 - '88	Arkansas State University
Michael E. Cooper	'88 - '89	TN Dept. Agriculture
Jay P. Avery	'88 - '89	University of Tennessee
Joe Dunn	'89 - '90	American Cyanamid Company
Charles Pless	'89 - '90	University of Tennessee
Paris Lambdin	'90 - '91	University of Tennessee
Jim Keener	'90 - '91	TN Dept. of Agriculture
Steve Powell	'91 - '92	TN Dept. of Agriculture
Lee Greer	'91 - '92	Valent
Alan Hopkins	'92 - '93	Miles, Inc.
Donald Ourth	'92 - '93	University of Memphis
Mark Carder	'93 - '94	University of Tennessee
Rich Emerson	'93 - '94	TN Dept. of Agriculture
Ray Nabors	'94 - '95	Univ. of MO
Alan Hopkins	'94 - '95	Miles, Inc.
Steve Powell	'95 - '96	TN Dept. of Agriculture
Jim Bogard	'95 - '96	TN Dept of Agriculture (Retired)
Hans Chaudhary	'96 - '97	TN Dept. of Agriculture
Cletus Youmans	'96 - '97	American Cyanamid
Larry Latson	'97 - '98	David Lipscomb University
Catharine Mannion	'97 - '98	TN State University
Karen Vail	'98 - '99	University of TN
Roberto Pereira	'98 - '99	University of TN
Jim Keener	'00 - '01	TDA, Division of Forestry
Lee Greer	'00 - '01	Valent
Frank Hale	'01 - '02	University of TN
Ray McDonnell	'01 - '02	TDA
Cindy Bilbrey	'02 - '03	TN Dept. of Agriculture
David Cook	'02 - '03	University of TN
Cindy Bilbrey	'03 - '04	TN Dept. of Agriculture
David Cook	'03 - '04	University of TN
Cindy Bilbrey	'04 - '05	TN Dept. of Agriculture
David Cook	'04 - '05	University of TN
Cindy Bilbrey	'05 - '06	TN Dept. of Agriculture
David Cook	'05 - '06	University of TN
David Cook	'06 - '07	University of TN
Steve Hamilton	'06 - '07	Austin Peay State University

**Historians of the Tennessee  
Entomological Society (1973 - Present)**

<b><u>Historian</u></b>	<b><u>Term</u></b>	<b><u>Affiliation</u></b>
Charles Pless	'73 - '76	Univ. of Tennessee
Herb Morgan	'76 - '79	USDA
Mendell Snodgrass	'79 - '82	USDA
Russ Patrick	'82 - '87	Univ. of Tennessee
Russ Patrick	'87 - '92	Univ. of Tennessee
Harry Williams	'92 - '01	Univ. of Tennessee (retired)
Frank Hale	'01 - '07	Univ. of Tennessee

**Honorary Members of the Tennessee  
Entomological Society (1982 - Present)**

<b><u>Honorary Member</u></b>	<b><u>Year</u></b>	<b><u>Affiliation</u></b>
Jimmy White	1982	Tenn. Dept. of Agric.
Mendell Snodgrass	1983	USDA
Carl Brown	1985	Memphis State
Myrtice Snodgrass	1985	Knoxville, TN
John A. Hammett	1987	Tenn. Dept. of Agric.
Joe C. Dunn	1990	American Cyanamid
Harry Williams	1997	Univ. of TN (retired)

**Harry E. Williams Award (est. 2002)**

<b><u>Recipient</u></b>	<b><u>Year</u></b>	<b><u>Location</u></b>
Kim Woodard	2002	Trousdale Co., TN
Liam Black	2002	Hardeman Co., TN
Reed Avent	2006	Bolivar, TN

**Howard Bruer Award (est. 1975)**  
**Recipients of the Tennessee Entomological Society (1975 - Present)**

<u>Recipient</u>	<u>Year</u>	<u>Location</u>
Whitney Eckler	1975	Memphis, TN
Joe Martin	1976	Bolivar, TN
Bryan Peters	1977	College Grove, TN
Tidus Pollard	1978	Huron, TN
John Bentley	1979	??
Melissa Hart	1980	Watertown, TN
Gary Miller	1981	Knoxville, TN
Harold Glass	1982	Knoxville, TN
-----	1983	(No award given)
-----	1984	(No award given)
Penny Thompson	1985	Davidson County
Matthew Fumich	1986	Munford, TN
Christie Greer	1987	Greene Co.
Dottie Hodges	1988	Hamblen Co.
-----	1989	(No award given)
Tim Gentry	1990	Woodbury, TN
Jennifer Hartsell	1991	Hamblen Co.
Jessica Taylor	1992	Lincoln Co.
Jennifer Lenter	1993	Fayetteville Co.
Jeremy Smith	1994	Savannah Co.
George Carroll	1995	Anderson Co.
Stacy Milhahn	1996	Lincoln Co
Nancy Warden	1997	Marshall Co.
Denise Byrum	1998	Moore Co.
James Johnson	1999	Shelby Co.
Wade Black	2000	Bolivar, TN
	2001	
	2002	
No Award Given	2003	-----
	2004	
No Award Given	2005	-----
Sara List	2006	????
	2007	

**Outstanding Entomologist (Tennessee Entomologist of the Year)**  
**Award (est. 1981) Recipients of the Tennessee**  
**Entomological Society (1981 - Present)**

<u>Recipient</u>	<u>Year</u>	<u>Affiliation</u>
Myron Smith	1981	Hill Smith Pest Control
Harry Williams	1985	Univ. of Tennessee
John A. Hammett	1987	Tenn. Dept. of Agric.
Joe C. Dunn	1991	American Cyanamid

## Richard E. Caron Outstanding Entomologist Award

<u>Recipient</u>	<u>Year</u>	<u>Affiliation</u>
Harry Williams	1995	Univ. of TN (Retired)
Harvey Barton	1996	Arkansas State Univ. (Retired)
Carroll Southards	1997	Univ. of TN (Retired)
Harold Bancroft	2001	Univ. of Memphis
Charles Pless	2002	Univ. of Tennessee (retired)

## Graduate Student Award (est. 1986) Recipients of the Tennessee Entomological Society (1986 - Present)

<u>Recipient</u>	<u>Year</u>	<u>Location</u>
Jay Avery	1986	Knoxville, TN
Laura Rogers	1987	Knoxville, TN
Jason Oliver	1988	Knoxville, TN
Steve D. Powell	1989	Knoxville, TN
Robert C. Brown	1990	Knoxville, TN
Donald L. Sudbrink, Jr.	1991	Knoxville, TN
Deborah Landau	1992	Knoxville, TN
Deanna Colby	1993	Knoxville, TN
Lee Holt	1994	Knoxville, TN
Kenneth Copley	1995	Knoxville, TN
Dina Roberts	1996	Memphis, TN
Bryan Hed	1997	Knoxville, TN
Gary Moughler	1998	Knoxville, TN
Andrew Beld	1999	Nashville, TN
Lacey McNally	2000	Baton Rouge, LA
Ken Davenport	2001	Clarksville, TN
Debra Hoyme	2002	Knoxville, TN
Amy Kovach	2003	Knoxville, TN
Andrew Haddow	2004	Knoxville, TN
Greg Wiggins (1 <sup>st</sup> )	2005	Knoxville, TN
Isaac Deal (2 <sup>nd</sup> )	2005	Knoxville, TN
Auora Toennisson (1 <sup>st</sup> )	2006	Knoxville, TN
Derek Bailey (2 <sup>nd</sup> )	2006	Knoxville, TN
Eric Janson (1 <sup>st</sup> )	2007	Nashville, TN
Carla Dilling (2 <sup>nd</sup> )	2007	Knoxville, TN

# **CONSTITUTION of the TENNESSEE ENTOMOLOGICAL SOCIETY**

(as of October 1991)

## Article 1. Name

This Society is formed in the name and style of the "Tennessee Entomological Society", as an educational institution, not contemplating financial gain or profit. It is herein and after called the Society.

## Article 2. Purpose

The purpose and object of the Society is to foster entomological accomplishment among its members and to promote the welfare of all of the State of Tennessee through the encouragement of: (1) the preparation, reading, and/or publication of papers, (2) association and free discussion among all members, (3) the dissemination of entomological information to the general public, and (4) cooperative efforts in statewide insect surveys.

## Article 3. Membership

Section 1. Original Members: Any person designated at the organizational meeting of the Society to occupy the status of "Member" shall be considered as and be a Charter Member. Thereafter, the organizational membership shall have no authority to name or appoint members of the Society.

Section 2. Membership: Membership shall be open to all persons interested in Entomology.

Section 3. Sustaining Membership: Sustaining Membership is open to commercial or industrial organizations upon meeting approval and requirements of the Board of Directors.

Section 4. Honorary Membership: Honorary Members may be selected from time to time by a majority vote of the Board of Directors.

Section 5. Student Membership: Student Membership is open to students enrolled in any education institution and meeting the requirements of the Board of Directors.

Section 6. Procedure to Obtain Membership: Any person desiring to become a member of the Society shall do so by application and payment of dues to the Treasurer. After approval of the majority of the Board of Directors, said applicant shall become a duly constituted member.

Section 7. Members in Good Standing: A member who is current in payment of dues.



#### Article 4. Membership Rights

Section 1. Voting: Each member in good standing shall be entitled to one vote at any regular or special meeting or by mail. Voting by proxy shall not be allowed.

Section 2. Privileges: All members in good standing shall have equal privileges in the presentation of papers and discussions at meetings.

#### Article 5. Membership Certificates

Section 1. Certificates: The Board of Directors shall decide upon what evidence of membership each member in good standing shall be entitled to receive.

Section 2. Transfer: Evidence of membership in the Society will not be transferable or assignable.

#### Article 6. Dues

Section 1. Annual Dues: The amount of the annual dues for membership in the Society will be established by the Board of Directors from time to time. The use or uses of dues collected shall also be determined by the Board.

Section 2. Time of Payment: The Board of Directors shall set such times during each year as it deems advisable for the payment of annual dues by members. Generally, annual dues shall be paid during registration at the annual meetings. However, a member may mail dues to the Treasurer of the Society if the member cannot attend a given annual meeting. If a member fails to pay dues two (2) years in a row, such member shall be dropped from the rolls.

Section 3. Honorary Members: There shall be no dues required for Honorary Members or others specially designated by the Board of Directors.

#### Article 7. Meetings of the Society

Section 1. Annual Meetings: The Society shall hold annual meetings at such times and places as may be designated by the Board of Directors and specified in the notice thereof, for the election of officers and any other business as may be properly brought before the meeting.

Section 2. Registration Fee: A registration fee, in the amount to be determined by the Board of Directors, shall be paid at each annual meeting by all members and non-members who attend. The Board of Directors will determine the use of these fees.

Section 3. Special Meetings: Special meetings of the Society shall be held at any time and place as specified in the notice thereof whenever called by the President or any two (2) or more members of the Board of Directors.

Section 4. Notice: Notice of all meetings of the Society, annual or special, stating time, place, and agenda shall be mailed to each member by the President, Secretary, Treasurer, or Directors calling the meeting not less than seven (7) days prior to the meeting.

## Article 8. Officers

Section 1. Officers: The officers of the Society shall consist of a President, President-elect, Secretary, Treasurer, Editor, and Historian, all of whom, except the President, shall be elected by and from the membership by a majority vote of members or by mail. The first President of the Society shall be elected by and from the membership at the organizational meeting for a term extending to the beginning of the first annual meeting. Thenceforth, the President-Elect shall automatically accede to the office of President at each annual meeting, or when the President is unable or unwilling to act for any reason. Nominees for each elective office of the Society shall be selected by a nominating committee of three (3) members appointed at the annual meeting by the President. Nominations may also be presented from the floor. The President and President-Elect shall hold office from the date of election at the annual meeting until the election of their successors at the next annual meeting, and shall not be eligible for re-election to the same office for a successive term. The Secretary, Treasurer, and Editor shall hold office from the date of election at the annual meeting until the election of a successor at the third following annual meeting and shall be eligible for re-election. The Historian shall hold office from the date of election at the annual meeting until the election of a successor at the fifth following annual meeting and shall be eligible for re-election. No member shall occupy more than one office at any one time.

Section 2. Duties and Powers of the President: The President shall be the Chief Executive Officer of the Society and shall preside at all meetings of the Society and the Board of Directors, have and exercise general and active management of the Society, execute and enforce all orders and resolutions and regulations duly adopted by the Board of Directors, execute all contracts in the name of the Society, and perform such other duties as assigned by the Board of Directors.

Section 3. Duties and Powers of the President-Elect: In the absence of the President, or in the case of failure to act, the President-Elect shall have all the powers of the President and shall perform such other duties as shall be imposed by the Board of Directors from time to time.

Section 4. Duties and Powers of the Secretary: The Secretary shall attend and keep the minutes of all meetings of the Board of Directors and the Society, shall have charge of the records and seal of the Society, and shall, in general, perform all the duties incident to the office of Secretary of the Society.

Section 5. Duties and Powers of the Treasurer: The Treasurer shall keep full and accurate accounts of the books of the Society and shall deposit all monies and the valuable properties and effects in the name of and to the credit of the Society in such depository or depositories as may be designated by the Board of Directors. The Treasurer shall disperse funds as may be ordered by the Board, getting proper receipts for such disbursements; and shall render to the Board of Directors whenever required by it, an accounting of all transactions as Treasurer. During each annual meeting, the Treasurer shall give a report on the annual financial condition of the Society. The Treasurer shall, in general, perform all the duties incident to the office of Treasurer of the Society.

Section 6. Duties and Powers of the Editor: The Editor shall be a member of the Board of Directors and Chair of the Publication and Editorial Committee and be responsible for editing and publishing such publications as directed by the Board of Directors and passed by the majority of the voting membership at a called meeting.

Section 7. Duties and Powers of the Historian: The Historian shall maintain and be responsible for keeping a complete and accurate history of the activities of the Society from year to year.

Section 8. Vacancies in Office: Any vacancy in the office of President-Elect, Secretary, Treasurer, Editor, or Historian, however occasioned, may be filled, pending the election of a successor by the Society, by a majority vote of the remaining Directors. Should an office be filled by vote of the Board of Directors, the person so elected shall not become the officer upon the next annual meeting unless elected as such by the Society according to the procedures set forth for the election of officers of the Society in Article 8, Section 1, of this Constitution.

#### Article 9. Board of Directors

Section 1. Makeup and Responsibilities: The Board of Directors shall consist of the immediate past-President, the President, President-Elect, Secretary, Treasurer, Editor, and Historian of the Society and two members-at-large. The members-at-large shall be elected at the Annual Meeting of the Society and shall serve a term of one year. Any three (3) Directors shall constitute a quorum for the transaction of business. All properties, property rights, objects and purposes of the Society shall be managed, promoted, and regulated generally by the Board of Directors.

Section 2. Installation and Term of Office: The members of the Board of Directors shall be installed after their election as officers of the Society as set forth in Article 8, Section 1, of this Constitution, at the annual meeting of the Society, or at any adjourned meeting, or at any special meeting called for that purpose. All installed Directors shall serve for a term corresponding to that of the office in the Society to which each was elected by the members and thereafter until their successors are elected, accept office, and are installed.

Section 3. Annual Meetings: The Board of Directors shall meet immediately after the adjournment of the annual meeting of the members for the transaction of such business as may come before the Board. No notice of such meeting shall be required, and should a majority of the newly-elected Directors fail to be present, those present may adjourn, without further notice to a specified future time.

Section 4. Other Meetings: The Board of Directors shall not be required by this Constitution to hold regular meetings but may, by resolution or otherwise, establish such order of meetings as it deems desirable. Special meetings of the Board shall be held at any time at such places as may be specified in the notice thereof, whenever called by the President or any two (2) or more Directors.

Section 5. Notice: Notice of all meetings of the Board of Directors, other than the annual meeting, starting time, place, and agenda for which the meeting was called, shall be given to

each Director by the President or Directors calling the meeting not less than three (3) days prior to the meeting.

Section 6. Vacancies in Board of Directors: Any vacancy in the office of any Director, however occasioned, may be filled, pending the election of a successor by the Society, by a majority vote of the remaining Directors.

#### Article 10. Miscellaneous Provisions

Section 1. All checks and drafts shall be signed in such manner as the Board of Directors may from time to time determine.

Section 2. At all duly constituted meetings of the Society or Board of Directors of the Society, 10% of the eligible members, or 3 Directors, respectively, present shall constitute a quorum for the transaction of any business presented at such meetings.

Section 3. All notices required to be given by this Constitution relative to any regular or special meeting of the Society or the Board of Directors may be waived by the Directors or members entitled to such notice, either before or on the date of the meeting and shall be deemed equivalent thereto. Attendance at any meeting of the Society or the Board of Directors shall be deemed a waiver of notice thereof.

Section 4. General Prohibitions: Notwithstanding any provision of this Constitution and By-Laws which might be susceptible to a contrary construction. A. No part of the activities of the Society shall consist of carrying on propaganda, or otherwise attempting to influence legislation. B. This Society shall not participate in, or intervene in, (including the publishing or distribution of statements), any political campaign on behalf of a candidate for public office.

#### Article 11. Amendments

Section 1. This Constitution may be altered or amended or By-Laws adopted by a majority vote of the quorum present at any annual or special meeting of the Society membership, provided that notice of such proposed amendment or By-Laws shall have been given to the membership prior to the meeting.

# **OPERATING PROCEDURES OF THE TENNESSEE ENTOMOLOGICAL SOCIETY**

*(Revised October 9, 2007)*

The Tennessee Entomological Society (TES) is an organization formed for the purpose of fostering entomological accomplishment among its members and to promote the welfare of all of the State of Tennessee through the encouragement of: (1) the preparation, reading, and/or publication of papers, (2) association and free discussion among all members, (3) the dissemination of entomological information to the general public, and (4) cooperative efforts in statewide insect surveys. All necessary permanent records are maintained by person or persons designated by the Board of Directors and the President of the Organization.

## **Changes in Operating Procedures**

The Constitution or By-laws may be altered or amended by a majority vote of the quorum present at any annual or special meeting of the Society membership, provided that notice of such proposed amendment or By-laws shall have been given to the membership prior to the meeting; the operating procedures of TES should be more flexible. The Constitution and Operating Procedures Committee is charged with the responsibility of studying these procedures each year to recommend possible improvements. Proposed changes in procedures are recommended to the Board of Directors for final action.

## **Registration and Dues**

Registration and dues shall be set by majority vote of the Board of Directors. Dues for voting members will be collected by the membership committee at the time of the annual meeting.

## **The Board of Directors**

The Board of Directors shall:

1. Consist of the immediate past-President, the President, President-Elect, Secretary, Treasurer, Editor, and Historian of the Society and two members-at-large.
2. Be responsible for management of the TES and conduct the affairs of the organization.
3. Conduct such business of the organization as is not delegated to the officers or committees and receive from the officers and committees reports and recommendations requiring specific board action or requiring recommendation for action by the membership.

4. Be responsible for changes in the manual of operating procedures after study and recommendation by the Constitution and Operating Procedures Committee.
5. Be responsible for transacting any official business.
6. Be responsible for assembling the board meetings.
7. Nominate honorary members to be voted on by membership.

### **President**

The President shall:

1. Serve as Chairman of the Board of Directors, prepare an agenda for meetings of the Board of Directors and preside at such meetings.
2. Be responsible for determining that the decisions of the Board of Directors are correctly enforced within the framework of the organization's Constitution and By-laws.
3. Select chairman of committees at annual meeting and appoint committee members.
4. Serve as ex-officio member of all committees, maintain close liaison with the chairman of the committees, and encourage and assist them with development of program beneficial to the organization.
5. Work with the chairman of the program and local arrangements committees in planning the programs for annual meetings.
6. Preside at the general or introductory session of the annual meeting.
7. Advise all officers and board members on significant activities of the organization and solicit their suggestions.
8. Serve as the official representative for TES, when appropriate.

### **President-Elect**

The President-Elect shall:

1. Perform the duties of the President if he cannot serve.
2. Serve as chairman of the program committee, and select the membership of that committee with the President and Board of Directors' approval.
3. Work with the Local Arrangements Chairman in the planning of all details of the annual meeting.

4. Prepare and mail announcements of the annual meeting. Assist with the printing of programs and mailing of programs.
5. Prepare and have the program of the annual meeting in print.
6. Be responsible for reminding speakers at each annual meeting to prepare papers before the meeting according to prescribed standards of the organization and to have these papers at the time of the presentation.

### **Secretary**

The Secretary shall:

1. Have charge of the records and seal of the TES.
2. Take the minutes of all official business meetings of the association. Supply a copy of these minutes to the membership, Board of Directors and committee chairmen as necessary.
3. Consult with the President and inform all officers and board members of occurrences of any official meetings of the Board of Directors.
4. Maintain current lists of members and provide these along with the minutes of the annual business meeting to those persons with official need to know.
5. Make any mailing to the membership as needed or designated by the President or Board of Directors. Maintain a supply of the organizational supplies and letterhead paper for use by the officers.
6. Maintain a supply of operating procedures and provide copies to officers and board members and committee chairmen.

### **Editor**

The Editor shall:

1. Chair the Publication and Editorial Committee.
2. Perform or be responsible for all editorial duties of the organization including the newsletter and any other publication of the organization.

### **Treasurer**

The Treasurer shall:

1. Be responsible for the financial affairs of the TES. This includes depositing all money received by the TES into appropriate Association accounts, handling the TES's money for maximum income (upon consultation with the Finance Committee), and paying of all expenses and invoices received by the TES.
2. Serve as a member of the Finance Committee.
3. Provide a written financial report to the Board of Directors at least annually, and for the published business meeting minutes. Make an oral financial report as the annual business meeting and at Board of Director meetings as necessary. Provide the necessary information for the Auditing Committee's activities.
4. Serve as member of the membership committee.

### **Immediate Past-President**

The Immediate Past-President shall:

1. Serve as a member of the Board of Directors during the year following his term of Presidency.
2. Serve as Chair of the Nominating Committee.

### **Committees**

All committees and members of committees are selected by the President (or President-Elect). Each committee shall attempt to complete his/her assigned duties during the term of their appointment. The chairman of each committee shall solicit the assistance of his/her members as necessary. The standing committees are as follows:

### **Program Committee**

The Program Committee shall:

1. Plan the general program format to fit the annual meeting time established by the general membership.
2. Contact invitational speakers and make arrangements for an honorarium, if appropriate.



3. Request papers from the general membership and establish a deadline for submittal of titles.
4. Prepare a program outline for printing.
5. Arrange to have chairpersons for each session.
6. Compile abstracts from program speakers for the proceedings of the program.

### **Local Arrangements Committee**

The Local Arrangements Committee shall:

1. Be responsible for all physical arrangements for the Annual Meeting, working cooperatively with the Officers.
2. Reserve meeting rooms for estimated attendance at the Annual Meeting.
3. Specific Responsibilities will include:
  - a. Arranging for visual and audio equipment, including projectors.
  - b. Liaison with Treasurer regarding registration help, convention typewriters, etc.
  - c. Signs for sessions and activities; coordinate with Program Chairman.
  - d. Helping arrange transportation or lodging of guest speakers if needed; coordinate with Program Chairman.
  - e. Preparing a report of activities for inclusion in the minutes of the business meeting.
  - f. Approving all expenses incurred in conjunction with the Annual Meeting and forwarding invoices to the Treasurer for payment.
4. In addition to the above, be responsible for special functions carried out in conjunction with the Annual Meeting. This may include such special activities as coordinating exhibits at the Annual Meeting, as well as door prizes, with representatives of other organizations joining in this meeting, if desired. If necessary, the Local Arrangements Committee will be appointed with a sufficient number of members that these functions may be designated as the responsibilities of sub-committees of the overall committee.
5. Insure that sufficient facilities are available for morning and afternoon breaks.
6. A sponsored or dutch banquet and/or mixer could also be in order. Arrangements for banquet facilities, an after-dinner speaker and door prizes may be desired.

### **Membership Committee**

The Membership Committee shall:

1. Encourage any interested person in Entomology to join our Society.
2. Send information about the Society to heads of Biology and Zoology Departments at all colleges and universities in the state, enclosing a few applications.
3. Encourage interested people of Pest Control organizations and other agricultural businesses to join the Society.
4. The Secretary shall send at least two blank membership applications to each member asking them to give to good prospects.
5. Each committee member should make a conscientious effort to enroll as many new members during the year as possible.
6. When notices of annual meetings are sent to major newspapers, television, and radio stations, an invitation to interested people could be given at that time.
7. The Chairman should coordinate this committee's efforts with the publicity and other committees when appropriate.
8. Collect dues at the annual meeting.

### **Auditing Committee**

The Auditing Committee shall:

1. Review and certify the accuracy of the financial records and books of the Treasurer prior to the general business session of each Annual Meeting.
2. Conduct special audits as may be directed by the President or the Board of Directors.
3. Report any mistakes or misuses found by the committee to the President for appropriate action prior to the general business session.
4. Prepare a report of the committee's findings, with recommendations, for presentation at the general business session.

### **Nominating Committee**

The Nominating Committee shall:

1. Present a slate of nominees from the active membership of the TES which will include a nominee for President-elect, and two nominees for members-at-large on the Board of

Directors every year. The Secretary, Editor and Treasurer hold office for three years, and shall be eligible for re-election. In each case, it is suggested that the Nominating Committee present more than one nominee for each position.

2. Secure the prior approval of all nominees before their names are put before the membership.

3. Submit a written report to the Board of Directors consisting of current committee actions and suggestions for improvement.

4. The Past President will be appointed Chair of the Nominating Committee.

### **Awards Committee**

The Awards Committee shall:

1. Consist of 5-6 TES members including a Chair, who are selected following the business meeting of the annual meeting.

2. Have the Awards Chair contact organizers of the regional Science Fairs and ask them to distribute a certificate of recognition to students with insect-related projects and to invite recipients to apply for the Howard Bruer award. Contact with the Science Fair representatives need to be made by February. The Chair should also invite students in middle school or high school conducting entomological projects, which were not submitted to a regional science fair, to apply. Certificates of Recognition need to be updated each year with the current Awards Committee Chair and the TES President. Updated certificates of recognition should be given (e-mailed) to the regional science fair contacts. This needs to be done before the regional science fair takes place, i.e. February.

3. Arrange to have a plaque made honoring the Howard Bruer Award recipient(s) (contact TES treasurer) and announce the recipient of the plaque at the TES Annual meeting. The plaque will be sent to the recipient.<sup>1</sup>

4. Have Awards Chair obtain the names of junior and senior 4-H entomology state winners to compete for the Harry E. Williams Award.<sup>2</sup>

5. Arrange to have a plaque made honoring the Harry E. Williams Award recipient (contact TES treasurer) and deliver the plaque and news release information to the recipient's county agent for presentation/publicity at a later date.<sup>1</sup>

6. Submit a picture of the plaque presentation and a news release (Harry E. William Award) to the recipient's local newspaper.

7. Obtain commitments from 3-5 TES members to serve as judges of the Student Paper Competition at the upcoming annual meeting (It is preferable that none of the judges have students in the competition).

8. Contact the TES Treasurer about preparing a \$150.00 check for 1<sup>st</sup> place and \$75.00 for 2<sup>nd</sup> place, to be given to the Student Paper Competition winner during the business meeting of the annual meeting.
9. Have the Awards Chair prepare a 1<sup>st</sup> and 2<sup>nd</sup> place certificate for student paper award winners.
10. Have Student Paper Competition Evaluation Forms (with student names and presentation titles) ready for the judges the morning before the competition and assist in determining the winner following the competition.
11. Arrange to have a plaque made honoring the outgoing TES President (contact the TES Treasurer) and present it to him/her when asked by the new President during the business meeting of the annual meeting.<sup>1</sup>
12. Determine if it is appropriate to award the Richard E. Caron Outstanding Entomologist Award to a TES member at the upcoming annual meeting and submit for review by the Board of Directors. This award will be given periodically to individuals who have distinguished themselves by making outstanding contributions to entomology in Tennessee during their career. If a recipient is chosen, arrangements should be made to have a plaque made (contact the TES Treasurer) to be presented at the business meeting.<sup>1</sup>
13. Have a committee meeting immediately following the second paper session at the annual meeting.

<sup>1</sup> Contact Dr. Karen Vail about having plaques made at least one month before the annual meeting.

<sup>2</sup> Contact Dr. John Skinner for this information at least one month before the annual meeting.

### **Prediction, Evaluation Committee**

The Prediction and Evaluation Committee shall:

1. List major agricultural commodities in Tennessee (Plant & Animal)
  - a. Approximate percent commodity loss due to various insect pests.
  - b. Approximate monetary loss due to each pest on various crops.
  - c. Approximate cost of control for each pest.
2. List insects which face a serious threat and crops which may be affected.
3. Major household, structural, and nuisance insects.
  - a. List major insects.
  - b. Approximate amount of money spent each year in control.
  - c. Approximate damage and loss from pest.

### **Constitution and Operating Procedures Committee**

The Constitution and Operating Procedures Committee shall:

1. Annually review the Constitution and Operating Procedures and develop recommendations for improvements or needed changes and submit these to the Board of Directors for study and approval.
2. The Chairman of the Constitution Committee shall prepare adoption of amendments at any annual or special meeting.
3. The Chairman of the Constitution Committee shall coordinate with the Secretary in inserting such amendments into the notice and proceedings of the meeting.

### **Publication and Editorial Committee**

The Publication and Editorial Committee shall:

1. Determine and make recommendations to the Society of the type of publication suitable to the Society's needs and when such a publication should be initiated.
2. Set up guidelines and standards for such a publication, and investigate possible mechanisms for implementation upon decision of the organization.
3. Be responsible for soliciting and gathering of articles for publication.
4. Act as an editorial committee in screening such articles to be published.
5. The chairman will be responsible for the coordination of this committee's responsibilities with the Board, Secretary-Treasurer, and other committees as necessary.

### **Publicity Committee**

The Publicity Committee shall:

1. Be responsible for developing and implementing an effective public relations program for the Tennessee Entomological Society.
2. Prepare general news releases on the society's activities and accomplishments and publicize the meetings. Specifically, these things should be done:
  - a. Prepare and release general news release as soon as Program Committee has planned a theme or area of interest for either meeting. Also, include location of meeting and time. This should begin by mid-summer and meeting dates should be sent to magazines and trade publications such as Delta Farm Press, Southeast Farm Press, Tennessee Market Bulletin, Ag Pesticide Notes, newspapers, etc.

- b. A follow-up news release should be issued about one month before each meeting. Location of meeting, date, time, and outstanding invitational speakers could be mentioned.
  - c. Prepare follow-up news release after the meeting for use by news media.
  - d. Send notice to Entomological Society of America and other state societies.
3. Maintain close liaison with the Program Committee in obtaining early copies of the program of both meetings for publicity purposes.
  4. Arrange for radio, television, and press coverage of society's meetings by contacting area radio and TV stations just prior to the meetings and by calling the news rooms of local newspapers on the first day of the meetings.
  5. Arrange for group photos of outgoing and in-coming officers and directors of the Association at the Annual meeting.
  6. Prepare a report of the year's activities for the committee for presentation at the annual business meeting.
  7. Post notices on the bulletin boards of the Entomology, Biology, and Zoology Departments in the colleges and universities across the state.
  8. Direct mail to members.

# **TENNESSEE ENTOMOLOGICAL SOCIETY**

## **MEMBERSHIP LIST**

**OCTOBER 2007**

**A listing of the TES Membership is no longer published due to privacy issues.**

**If you want to get in touch with a TES member, please contact one of the Board Members. He/she will gladly assist you. For a listing of the current Board Members and their contact information, please visit the TES website at:**

**<http://eppserver.ag.utk.edu/tennentsociety/default.html> .**

# Application for Membership in the *TENNESSEE ENTOMOLOGICAL SOCIETY*

I (we), herewith, submit this application for membership in the Tennessee Entomological Society. Society pins are available to members for \$10.00.

## PLEASE PRINT

Name of Prospective Member

Affiliation

Address

Zip Code

Phone Number Area Code ( )

FAX Number Area Code ( )

email address

Occupation

## Please Check

Annual Dues \$5.00

Society Pin \$10.00

Annual Due for Students \$1.00

Sustaining Member Dues \$25.00

Amount Enclosed \_ \_\_\_\_\_

Please Remit to:

Dr. Gene Burgess  
Dept. Entomology and Plant Pathology  
205 Ellington Plant Sciences Building  
University of Tennessee  
Knoxville, TN 37996