

Minutes of the 51st Annual Meeting

February 24-27, 2003

Oklahoma City, Oklahoma – The Renaissance Hotel

Phillip G. Mulder, Jr., Secretary-Treasurer

The 51st Annual Meeting of the Southwestern Branch of the Entomological Society of America was held at The Renaissance Hotel, Oklahoma City, Oklahoma, 24-27 February 2003. There were 179 registrants at the meeting.

Pre-Meeting Activities – INSECT EXPOSITION - FEBRUARY 22-23, 2003

In conjunction with the “ Our Kids World” out of Oklahoma City, Scott Russell (SWB-ESA Insect Expo – Chair) and Gina Legaly (Coordinator for EcoMotion - Our Kids World) coordinated the first two-day offering of the Insect Exposition. Southwestern Branch members from New Mexico State University, Oklahoma State University, Texas A&M University and West Texas A&M University participated in the two day event. Times for the event were on Saturday from 10 a.m. to 5 p.m. and Sunday from 12 noon to 5 p.m. Attendance on Saturday was approximately 6,000 youth and adults, while that on Sunday was approximately 3,500.

GENERAL SESSION - FEBRUARY 25, 2003

Open & Welcome - President Terry Mize called the meeting to order at 8:17 a.m., February 25, 2003. President Mize welcomed the membership to the 51st Annual Meeting and briefly highlighted the planned social and cultural events for the upcoming week. He recognized and thanked the corporate contributors FMC Corporation, Aventis Environmental Sciences, and Dow Agrosiences. In his Presidential Address, President Mize thanked the SWB members responsible for

the 2003 meeting, with special thanks to Kristopher Giles and Tom Royer (Local Arrangements Co-Chairs), Jonathan Edelson (Program Chair), and Phil Mulder (Secretary/Treasurer), and the rest of the members of the Executive Committee.

Representative Welcome to OKC - Dr. David Foster, Associate Director for the Oklahoma Cooperative Extension Service, provided the welcoming remarks for the SWB-ESA contingent. He welcomed everyone to Oklahoma and discussed the dramatic downward spiral in financial support for the Land Grant system. He reiterated that the budget at Oklahoma State University was down 7% and anticipated an additional deficit of 5-7% in 2004. Dr. Foster urged everyone to stay focused on well established programs. He emphasized that our science is now exploring many new avenues of technology and continuing to gain knowledge and experience in new arenas and suggested that there will be a need for someone to clarify the utility of this new knowledge. Dr. Foster reminisced about his past experiences with President Mize and many of the audience members associated with the great Dr. Don Ashdown, whom many of them matriculated under at Texas Tech University.

Opening Address - President Mize thanked Dr. Foster and then reviewed last year' s meetings with some slides from Mexico. He thanked Past-President Morrison and the contingent from Mexico for all their hard work in providing the membership with a very beautiful meeting site and wonderful time, in spite of the horrendous bus ride experienced by many of the members.

Keynote Address - ESA President Z B Mayo was introduced by President Mize and he discussed the sea of change that ESA was and will soon be experiencing. He explained briefly the new fiscal management plan that has been implemented by the national office. He explained the current ESA budget situation and elaborated on the Strategic Plan. He also warned us of the significant drop in membership and urged us to gather new members and attempt somehow to retain them. President Mayo pleaded for the membership to be patient with the new operating procedures at ESA headquarters. He suggested that 2002 was

the year of change and 2003 would be the year of making those changes work. ESA headquarters now has a very streamlined staff but a very good and dedicated group. The ESA finished 2002 with a slight surplus and contributed about \$135,000 of surplus back into reserve in 2003. President Mayo suggested that we want to continue this financial growth and contribute around \$250,000 per year over the next five years, to reach a reserve of \$1.25 million. He suggested that no new programs would be implemented until we do this. President Mayo also recognized the backlog of problems associated with the outsourcing of services that ESA is witnessing and stressed that we are gaining ground on correcting the problems. He expressed concern over the attendance at Branch meetings, which has seen a dramatic drop in some locations. He suggested that meetings with other societies or special interest groups that might be related to ESA could help alleviate this problem. President Mayo called for everyone's support of the upcoming ESA Meeting in Cincinnati, Ohio where the theme will be "From many disciplines a great science." He announced that every oral presentation will be done electronically and submissions will also be conducted in this fashion for the first time. Finally, President Mayo urged us all to capitalize on our diversity.

ESA Governing Board Report - Dr. Frank Gilstrap, SWB Governing Board Representative, presented the ESA Foundation Report and Governing Board report. As Governing Board representative, he said in 2001 ESA began an era of new approaches to doing business after several years of unbalanced budgets. Cadmus is now serving as our outsourcing service for publications. Electronic voting for officers was conducted for the first time in 2002-2003. Membership directory is now on-line and members can make immediate changes on-line. The headquarters is still trying to sell the building but many problems associated with that possibility exist. Dr. Gilstrap pointed out that the greatest asset of ESA is the membership and that it was declining at both the national and branch levels. In 1999, ESA had 7,636 members and by 2001 only 6,060 members. In the Southwestern Branch, membership in 1999 was 615 and in 2001 it was 532.

Attendance at branch meetings was also down (1999 – 144, 2000 – 201, 2001 – 206, 2002 – 137). Dr. Gilstrap mentioned the deadlines for the upcoming ESA meeting are quickly approaching and provided the meeting site for the next two years (2004 – Salt Lake City and 2005 – Ft. Lauderdale, FL.). He asked for any questions or comments for the Governing Board and Tom Fuchs asked if we were able to track journal access. Answer was, “ we do not have that capability in place currently.” He informed the SWB membership that an update from Paula Lettice (ESA Executive Director) on the fiscal status of ESA would be coming sometime soon in the newsletter. He stressed the need to strengthen the bonds between the ESA Branches and the National Society, and furthermore, he requested member input on how to facilitate interaction between ESA and the Branches.

ESA Foundation Report - Speaking as the President of the ESA Foundation, Dr. Gilstrap gave a brief summary on the establishment and mission of the Foundation which was created to promote the education of the public in entomology through scholarships and grants. He provided several examples of how individual members could contribute to the Foundation such as, weekly payroll deductions, personal gifts, estate gifts, and gifts "in memory of...". He stressed that the Foundation was a sister organization of the ESA that was allowed to take gifts that ESA cannot and it is tax exempt. They do not collect dues but rely on gifts and contributions from people that support the entomological sciences. They are a resource development organization that invests for its constituents. The Executive Board of the ESA checks on the business of the Foundation. With its monies, The ESA Foundation provides scholarships, awards, contributes to Insect Expo, educates youth in K-12, and much more.

Honors and Presentations - President Mize thanked the 2002-2003 Awards Committee, especially Chair Darrell Bay, for their outstanding effort. He then recognized, congratulated, and presented plaques to the SWB 2001 ESA Award Nominees: ESA awards provided included the J.H. Comstock award, given to

Jared Prasifika, the SWB-ESA Urban Entomology Award, given to James Reinert, and the SWB Distinguished Achievement Award in Extension, given to Dr. John Jackman.

Necrology Report - President Mize called on Dr. James Reinert for the Necrology report which recognized the loss of three members; Dr. Larry A. Crowder, Dr. Travis R. Everett and Dr. Maurice J. Lucafer. A moment of silence was shared by the group in attendance in respect to these honored members.

Meeting Introductions - President Mize called on Program Chair Dr. Jonathan Edelson. Dr. Edelson urged all those presenting oral talks to get their digital versions in early today to facilitate the conduct of the meetings. He briefly discussed the four symposia that would be offered on Functional Genomics Pecan Nut Casebearer Management, Stored products, and regional trends in agricultural IPM. He thanked the organizers of those symposia; Dr. Jack Dillwith (Genomics), Dr. Phil Mulder (Pecans), Dr. Tom Phillips (Stored products) and Drs. Kristopher Giles, Tom Fuchs and Carlos Bogran (IPM). Dr. Edelson recognized the immense contributions of the local arrangements co-chairs, Dr. Kris Giles and Dr. Tom Royer. He asked Kris to discuss the banquet schedule for that evening. The banquet will be held at the Bricktown Brewery in Bricktown, a very short walk away. Dinner will begin at 7 p.m. followed by the awards presentation, for student competitions, then followed by a short entertaining speaker from Oklahoma. Dr. Edelson introduced the current Executive Committee of the SWB-ESA and recognized the various committee chairs and thanked them for their dedication to their tasks.

President Mize thanked everyone for their attendance at the opening session and wished us a successful and productive meeting. Opening Session adjourned at 10:30 a.m.

FINAL BUSINESS MEETING- FEBRUARY 27, 2003

President Terry Mize called the final business meeting of the Southwestern Branch to order at 8:00 a.m. Approximately 40 members were in attendance. As the minutes of the Mexico meeting in 2002 had been posted during the course of this meeting, a motion was made to dispense with their reading and to accept them as written. Motion passed.

President Mize called for the Secretary-Treasurers report.

Secretary-Treasurer Phil Mulder reported that the cost of the 2003 SWB meeting currently stood at \$5,262.63 + additional hotel fees that would be paid at the end of the meetings totaling near \$6,500.00. The latter costs were associated with room rentals, set-up fees and food and drinks during the meetings. More precise figures based on current balances would be included in the report from the Audit Committee. Therefore, the total costs associated with the meetings would approach nearly \$10,000. Dr. Mulder recognized the contributions from donors such as Dr. Ann Wiese, for the spouses gifts and functions, Gustafson who donated \$20.00, DowAgroSciences who donated \$500.00 for this year and also for next year for the Linnaean Games, FMC Corporation who donated \$1,000 for the conduct of the meetings and the Society of Southwestern Entomologists for supporting ½ of the Student Awards (ca. \$600). The balance on the books prior to the meetings was \$17,735.42. After paying student awards, banquet costs and Linnaean games winners, the balance before paying hotel expenses was \$14,537.79. We received a check from the national ESA office for \$1,392.00, cited as Program Enhancement Funds, based on Branch membership and previous years meeting attendance. There were 179 registered for the OKC meeting comprised of 95 Members, 36 Students, 22 Non-members, 8 Emeritus, 18 Spouse/Guests. A motion was made (Dr. John Jackman) and seconded to approve the report of the Secretary/Treasurer.

President Mize then asked for committee reports.

COMMITTEE REPORTS

Audit Committee:

The balance in the secretary-treasurer's account at the end of the annual meeting in Guanajuato, Mexico on February 26, 2002 was \$14,835.07.

An interim audit for transactions between February 26, 2002 and July 10, 2002 when the books were transferred to the incoming secretary-treasurer, Phil Mulder, included \$909.50 in deposits (credits) and \$2,925.47 in expenditures (debits) for a balance on July 10, 2002 of \$12,815.47. This audit was conducted by the Audit Committee, Russell Wright, Tom Fuchs and Grant Kinzer.

Transactions between July 10, 2002 and the close of registration at 3:00 p.m. on February 26, 2003 at the Annual Meeting of the Southwestern Branch of the Entomological Society of America in Oklahoma City, OK included \$9,473.14 in deposits (credits) and \$2,491.19 in expenditures (debits) leaving a balance on February 26, 2003 of \$19,800.42. The Audit Committee has carefully examined the accounts and found them to be in good order. We commend Phil Mulder on the detailed accounts he has maintained for each transaction.

Respectfully submitted,

Russell Wright, Chair, Audit Committee

Awards Committee: No report was provided

Darrell Bay (Chair), Norman Elliott, Marvin Harris, Kevin Shufran, Dave Thompson, Ron Byford, Kris Giles, Chris Sansone.

President Mize congratulated the SWB 2002 ESA Award Nominees that were recognized during the opening session. Award plaques were presented during the opening business meeting.

Necrology Committee:

Necrology Report – Southwestern Branch-ESA, Feb. 27, 2003

The members of the Southwestern Branch of the Entomological Society of America are saddened with the passing of three of our members, friends, associates and fellow Entomologists.

Dr. Larry Arnold Crowder
12 March 1942 – 10 Sep. 2002

Dr. Crowder passed away 10 Sep. 2002 at the age of 60 years. He was born 12 March 1942 in Mattoon, Il. Dr. Crowder received his BS from Eastern Illinois University in 1964 and his MS - 1966 and PhD - 1969 from Purdue University. He started his professional career at Purdue University and then moved to The University of Arizona at Tucson where he passed through the ranks from Assistant Professor to Professor. He also spent time as Acting Assistant Director of Resident Instruction and Acting Head of Entomology until he moved to Oklahoma State University as Head of Entomology in 1985. After three years as Head, he accepted the role of Interim Assistant Director of the Oklahoma Agricultural Experiment Station and later was named Assistant Director and Interim Associate Director. Dr. Crowder will be remembered for his sense of humor and unwavering loyalty to his family and friends.

Dr. Travis Rex Everett
18 Feb. 1928 – 15 Aug. 2002

Dr. Everett of Stephenville, TX passed away on 15 Aug. 2002 at the age of 74 years. He was born on 18 Feb. 1928 at Post, TX. He served in the Navy from 1945 to 1947 in the Medical Corps. After WWII, he received his BS in 1950 and MS in 1951 from Texas Tech University. He started his PhD at The University of New Mexico and completed it in 1959 at Iowa State University in Entomology. Dr Everett started his career with the USDA at Iowa State University and then moved to Louisiana State University. He spent most of his career pursued several foreign assignments including Japan, India, the Philippines, Bangladesh, Pakistan, and Puerto Rico. Dr. Everett was a truly honest man, not always tactful when stating his opinion, but his friends stated he was almost never wrong.

Dr. Maurice James Lukefahr
7 Dec. 1926 – 25 Oct 2002

Dr. Lukefahr of Elsa, TX passed away on 25 Oct. 2002 at the age of 73 years. He was born on 7 Dec. 1926 at Greeley NE. He served as a paratrooper with the US Occupation Force in Japan. He received his BS from Texas A&I University, Kingsville and his MS and PhD from Texas A&M University. He started his career with the Texas Agricultural Experiment. In 1953, he moved to the USDA Experiment Station at Brownsville and later became Station Leader. After retirement in 1979, he undertook research and consulting with the United Nations affiliated agencies in Nigeria, Brazil and Niger. Virtually his entire 50 year career was devoted to the study of host plant resistance to insects. He is known for his pioneering work and was the first to demonstrate that the boll weevil could over-winter on plants other than cotton.

Respectively submitted,

Grant Kinzer
Don Peters
George Teetes
James A. Reinert, Chair.

Branch Archive Committee:

Greg Cronholm (Chair), Horace Burke, Don Peters SWB-ESA February 27, 2003

On December 13, 2002 I visited the TAMU campus to deposit historic SWB-ESA materials for the archives. This included a labeled slide set provided by the public information committee from the 2001 San Antonio meeting, a program from the 2002 meeting in Guanajuato and letter and communications from Sid Kunz when he was president and other miscellaneous items.

Met with the Entomological Heritage Committee at the recent ESA meeting in Ft. Lauderdale, Florida. This committee is headed by Dr. Carol Sheppard from WSU. A symposium was organized by the Heritage Committee for the Ft. Lauderdale meeting. A discussion about another symposium for the Cincinnati meeting was discussed.

Past-Presidents and symposia organizer are urged to save materials for submission into the archives.

Insect Detection, Evaluation, and Prediction Committee: Report for 2002-3

Committee members:

John A. Jackman (Chair)
Carol Sutherland
Richard Grantham

The committee reports the following insect activity by state:

Oklahoma

The following insects were reported in numbers that were higher than normal: caterpillar hunter, *Calosoma scrutator*; crape myrtle aphid, *Tinocallis kahawaluokalani*; giant bark aphid, *Longistigma caryae*; forest tent caterpillar, *Malacosoma disstria*; a scentless plant bug on hibiscus, *Niesthrea louisianica*; and vein pocket gall, *Macrodiplosis quercusoruca*.

No new or exotic pests were reported in the state. Two suspected cases of Africanized honey bee from southern Oklahoma were determined to be European honey bee.

New Mexico

Ips confusus, a scolytid beetle attacking primarily pinyon pine, is without a doubt, the most asked about insect of 2002. After 5-10 years of intensifying drought, stands of these trees in the northern mountains especially, are too weak to stave off the ever increasing numbers of *Ips*. As of winter, 2002 pinyon mortality near Santa Fe, Los Alamos, Taos and a number of other communities is in the 80-100% range. Interagency

programs have sprung up to encourage and facilitate tree thinning and removal of brush and dead and drying trees. Creating “defensible space” around homes and businesses is paramount in anticipation of ever worsening prospects for wildfire. The programs can also improve appearances of property and empower people to fight back and get a little revenge against the *Ips*. It is highly likely that other scolytids are increasing in numbers in our other forest conifers.

After about three years of wondering, a homeowner with tiny “holes” in his turf in Aztec (NW New Mexico) collected two prepupae of an unknown species of *Acrolophys*, a strange lepidopteran either in its own family, Acrolophidae, or included in the Noctuidae. These inch long, mostly black caterpillars live up to a foot deep in soil around turf or native grasses where they graze, after dark, on regrowth around the hole at the soil surface. They make a low mound of soil around the opening of the shaft. These were collected in late March. In early May adults of a related (?) species were collected on a sticky trap set in a grassy apple orchard. According to limited information on these insects, they should be minor pests of turf and native grasses. They are univoltine. Over 20 species have been reported in Arizona.

In May, the gooseberry fruitworm or currant fruitworm, *Zophodia convolutella* (or near) (Lepidoptera: Pyralidae) was identified from ripening gooseberries and golden currants in Albuquerque. The species overwinters as pupae around the bases of host plants. Adults emerge, mate and oviposit in March or April, just as the plants flower. The pink and green caterpillars extend silk webs over the berry clusters, puncturing them, causing them to turn color early, and then fall off the plant.

In late April to early May, the oak-pecan phylloxera, *Phylloxera texana* Stoetzel, was identified from galls on new pecan foliage in Lovington (SE New Mexico). The pest seems confined to urban pecan trees in a well-kept subdivision about a mile from commercial pecan acreage. Adults emerge by the millions from leaf galls by early May and then fly or are blown to summer hosts which, in this case are red and shumard oaks in the same area. No galls are formed on oak; galls on pecan are not on the midrib and also do not (that anyone could find) attack any other parts of the plant. By mid-October, the nymphs on oak have developed wing buds, molted to winged forms and according to limited information available returned to pecan to mate and lay overwintering eggs. Originally described by Manya Stoetzel in the early 1980's from pecan in central Texas, this is the first find of any pecan phylloxera in New Mexico and the first find of this species reported in about 20 years. Damage to pecan seems minimal.

In conjunction with the pecan phylloxera investigation, an ultra-tiny moth was detected mining pecan foliage in Lovington. The thin larva is barely 3-4 mm long at maturity, chewing a blotch mine in the leaf about the size of a pencil eraser. When ready to pupate, the larva sticks the upper and lower surfaces of the mine together with silk, creating a lens-shaped covering for its pupa. Since these lens shapes look so perfect, the caterpillar may pre-cut the dry leaf as it secures the two halves together. The usual way this creature is seen is as the lens-shaped, light brown “chip” snagged on the edge of a leaf. Closer examination of these chips reveals many of them are empty, with round emergence holes on one end. The moth presumably is in the family Heliozelidae and the genus is probably *Coptodisca*. Apparently parasitized “chips” will have an emergence hole nearer the center, with dried remains inside. This seems to be a minor pest in Lea

County; it is multi-voltine. Anecdotal evidence exists for distribution of this insect to include other pecan growing areas of New Mexico.

Texas

The giant bark aphid outbreak started the year widespread from south of Houston to Oklahoma. The populations decreases by April in most areas.

A variety of early season caterpillars again showed up in high numbers through the eastern half of the state.

Grasshopper numbers were generally down across the state. However, local populations were problematic in the western areas and Panhandle. While this continues to be a complex of species, the differential grasshopper, *Melanoplus differentialis* continues to be one of the most noticed.

Army cutworm, *Euxoa auxiliaris*, was reported as a larval pest on small grains in the Panhandle. Adult moths were also reported as a nuisance when they fly to the mountains and congregate in the summer.

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The Cooperative Agricultural Pest Survey program will be changed considerable. The CAPS program in most states will be administered through the state regulatory agency. Most of the USDA-APHIS-PPQ quarantine inspectors will move to Homeland Security.

Carol Sutherland will serve as chairman for 2003.

Respectfully submitted:
John A. Jackman

Insect Exposition Committee: No report given.

Scott Russell (Chair), Nathan Riggs, and David Kulhavey

Information on this function was provided by Committee Chair Scott Russell before the opening session, since the Expo occurred for two days prior to the meetings.

Linnaean Games Committee:

February 27, 2003 Oklahoma City, Oklahoma

The nineteenth Linnaean Games Competition for the Southwestern Branch of the ESA was held at the fifty first annual meeting in Oklahoma City, Oklahoma. Teams representing New Mexico State University, Oklahoma State University, Texas A&M University, and West Texas A&M University participated in the games. In six well-played matches, Oklahoma State University won first place, whereas second place went to New Mexico State University. Members of all teams either have received or will

receive a Certificate of Honor for Outstanding Participation, and the teams from Oklahoma State University and New Mexico State University are eligible to represent the Southwestern Branch at the national competitions at the next National ESA meetings to be held in Cincinnati, Ohio. Oklahoma State University will receive financial (usually \$500.00) support for their travels to those meetings, a traveling trophy, a permanent trophy and \$50.00 per team member. The committee would like to thank the Southwestern Branch of the ESA and Dow AgroSciences (specifically Dr. Vernon Langston) for their support of trophies and other awards provided to the winning teams. We would also like to thank Kansas State University for the opportunity of additional competition, in the 2nd challenge for the “Little Golden Bug Challenge Cup” competition. In one, well played match the team from the Southwestern Branch won the trophy, commemorative gold medallions, and bragging rights for the upcoming year. The Branch would likely be willing to invite Kansas State University for next year’s meetings in Lubbock, TX.

Respectfully submitted:

Phillip G. Mulder, Jr., Chair
David B. Richman
Carol Sutherland
Russell Wright

Richard C. Berberet
Harlan Thorvilson
Frank Gilstrap
Scott Bundy

Mark Muegge
Richard Grantham
Scott Russell
Scott Armstrong

Local Arrangements Committee:

Kristopher Giles and Tom Royer (Co-Chairs).

Dr. Giles reported that the local arrangements went smoothly except for an earlier-than-planned closing of the room block; however, the hotel did not charge SWB-ESA for this mistake. He estimated that we still owed the hotel approximately \$6,600 in expenses for food, drink, room charges and miscellaneous.

Membership Committee: No report given.

Scott Armstrong (Chair), Gerrit Cuperus, Jesus Esquivel, Marvin Harris, Pat Porter, Tom Royer, Dale Spurgeon, Pete Teel, Harlan Thorvilson, Cole Younger.

Nominations Committee:

Pat Morrison (Chair), Jim Reinert, Jim Webster and Carol Sutherland.

The Nominations Committee met several times by email to consider candidates for the office of Secretary-Treasurer Elect. The committee agreed to nominate Dr. David Thompson for this position. The other officers would assume new offices by ascension and the new officers for 2004 would be:

President: John D. Burd

President-Elect: Phil Mulder

Secretary/Treasurer: Bastiaan M. Drees (Bart)

Secretary/Treasurer Elect: David Thompson

Past President: Terry Mize

ESA Governing Board Rep: To be appointed by Executive Committee

Respectfully submitted,

Pat Morrison, Chair, 2003

Nominations Committee

Members attending were asked for any additional nominations from the floor for Secretary/Treasurer Elect: No additional nominations were made; a motion to close nominations was made and seconded. David Thompson was elected unanimously. The slate of officers was also elected unanimously. David Thompson is with New Mexico State University, Las Cruces, New Mexico.

Program Committee:

Submitted by Jonathan Edelson, Chair, Program Committee, 2002/2003.

Johnathan Edelson (Chair), Phil Mulder, Tom Fuchs, Jack Dillwith, and Tom Phillips.

Dates for the 51st Annual SWB ESA Meeting were February 24-27, 2002. The meeting was held at the Renaissance Hotel in Oklahoma City, Oklahoma.

The SWBranch ESA meeting program was completed as of 27 February 2003. A total of 111 presentations were made at the meetings including the following.

Student Competition/Oral – 13 submitted, 4 cancelled

Student Competition/Poster – 16 submitted, 1 cancelled

Symposia / 4 individual symposia were planned and included a total of 22 presentations.

Submitted presentations/Oral – 20 submitted, 3 cancelled

Submitted presentations/Posters – 40 submitted, 3 cancelled

Public Information Committee:

Members of the committee worked in various ways to provide information to the public and to promote an awareness of entomology.

Edmond Bonjour photographed many aspects of the 2002 meeting in Guanajuato, Mexico and the visit to the El Rosario Monarch Butterfly Sanctuary. A total of 170 digital slides were taken for inclusion in the Branch Archives. Edmond was successful in having two articles published in the ESA Newsletter. One article was on the visit to the monarch sanctuary and the second article was for Dr. Don Peters of Oklahoma State University receiving the Ta-que-ne-whap Award from the Branch. Twelve pictures of Dr. Peters receiving his award on April 17, 2002 were taken for the Branch Archives.

Faculty, staff and students from New Mexico State, participated in numerous outreach efforts during 2002. The FFA State Entomology Contest was held for nearly 140 high school students at NMSU. Scott Bundy and Carol Sutherland conducted the state 4-H Entomology Contest (prepared by David Richman) for about 40 4-H members from around New Mexico. The “Insect Expo” at the Las Cruces Downtown Mall in May attracted 1,861 elementary students with about 35 of 72 volunteers coming from the NMSU Department of Entomology, Plant Pathology and Weed Science. Carol Sutherland and David Richman presented information on entomology to 1,000 middle school students in Albuquerque, NM at “School to World.” Carol Sutherland, David Richman and Andrine Morrison gave presentations to 150 girl scouts at Apodaca Park in Las Cruces. Andrine Morrison and David Richman took part in the Chihuahuan Desert Nature Park first annual “Butterfly Flutterby” in August and presented materials on butterflies to 250 people, including parents and children. In addition, Carol Sutherland, David Richman, Andrine Morrison, and others talked to over 1000 other K-12 students through the year from all over the state of New Mexico. David Richman also talked to

Las Cruces School District elementary teachers on metamorphosis for their curriculum development workshop.

Students, staff, and faculty from Texas A&M University gave presentations on a variety of topics to public and private school children in the College Station area. Preserved and live insects were used to introduce and discuss entomology as a science and professional career by students such as James Butler. This past year, Michael Merchant and others in Dallas had contact with over 600 youth. Michael, along with Robert Crocker, and Margie Burton participated in the "Insect Safari," a traveling insect education display sponsored by Orkin Pest Control. They reached 530 children in Fort Worth last year with a display of cockroaches, spiders, and scorpions. They also hosted about two dozen children in lab tours, and Michael Merchant gave a presentation on venomous critters to 70 children in Denton County as part of Farm Safety Camp Day. Michael also assisted students with science fair related projects. Robert Crocker was an invited speaker on entomological ecology for two biology classes of La Salle High School, in the city "San Cristobal de las Casas" in the state of Chiapas, Mexico. Robert is also teaching a Collin County Community College intern about entomology, giving him practical laboratory experience, and helping him learn Spanish in an entomological environment.

Many Texas A&M extension specialists, such as Michael Merchant, Robert Crocker, and Carlos Bográn judged local, district and regional science fairs, as well as participated in entomology and 4-H contests around the state giving several prizes and awards sponsored by the SW Branch. These same people promoted entomology through their volunteer training (including Master Gardeners); last year training a total of 1,048 volunteers.

Spencer Johnson introduced the public to the importance of the honeybee in human health by sending out a press release saying that the Baylor Human Genome Sequencing Center (which Spencer is working on) had started completely sequencing the honeybee. Subsequently, the role of Texas A&M University and the importance of the honeybee in human health were the central issues in a radio address that went out over two radio stations.

At Oklahoma State University, several personnel helped host the Insect Zoo during the Tulsa State Fair. Don Arnold and Richard Grantham took the Insect Zoo to nine school groups and made the presentation to about 600 students. Don Arnold also helped judge entomology entries at the Tulsa State Fair. Rick Grantham, Mary Roduner, Kenny Brown, and Matt Smith helped with the Orkin Pest Control "Insect Safari" when it was in Tulsa. Pat Bolin was actively involved with the Master Gardener program in nine counties in Oklahoma. She also conducted a "Yard Smart" program at the Oklahoma City Farmer's Market which taught people how to be environmentally friendly with garden care and maintenance. Pat hosted an entomology booth at the "Garden Festival" Home and Garden Show in Oklahoma City that attracted 20,000 people. Pat also participated in HOT-Camp (Horticultural and Other Technologies – Camp) where she interacted with 8-10th graders about macro-invertebrates and their relationship to water quality.

The K. C. Emerson Entomology Museum at OSU was toured by 24 groups which included 449 students and 80 adults. During 2002, nearly 500 students completed the Insects and Society class which is taught by Ken Pinkston. These students continue to adorn the Department with their artwork.

All of these activities and events help to promote entomology in a very positive way to the general public.

Respectfully submitted: Edmond Bonjour - Chair, Charles Chilcutt, Jim Criswell, Forrest Mitchell, David Richman, and Nathan Riggs.

Resolutions Committee:

Bill Ree (Chair), John George, Marcia Trostle, Stan Carroll, Allen Knutson.

Resolution No. 1.- **Whereas**, the 51st Annual Meeting of the Southwestern Branch of the Entomological Society of America has been very productive, highly informative and enjoyable for the members and guests, and **Whereas**, the success of the meeting has been due in large part to the efforts of the executive officers Terry Mize, Pat Morrison, John Burd, Phillip Mulder, Bastiaan Drees, and Frank Gilstrap. **Be it resolved**, that the members of the Branch recognize and express their gratitude to all those involved in this pleasurable meeting.

Resolution No. 2.- **Whereas**, the Program Committee, chaired by Jonathan Edelson, and the Local Arrangements Committee co-chaired by Kristopher Giles and Tom Royer have organized a highly informative and interesting program in a most enjoyable setting, and **Whereas**, all of the other committee chairpersons and members along with the program moderators and numerous volunteers added significantly to the success of the meeting; **Be it resolved**, that the members of the Branch recognize and thank all those involved in the planning and conduct of the meeting.

Resolution No. 3.- **Whereas**, ESA President Z B Mayo and Southwestern Branch Governing Board Representative Frank Gilstrap have contributed to the success of this meeting through their perspectives of the status, health and goals of the ESA; **Be it resolved**, that the members of the Branch recognize and express their

gratitude to these individuals for their participation in and contributions to this meeting.

Resolution No. 4.- **Whereas**, the organizers, moderator and participants of the Linnaean Games provided an outstanding program of entertainment and education; **Be it resolved**, that the Branch membership extend their appreciation and thanks for the efforts of these individuals; and **Be it further resolved**, that the membership extend congratulations and best wishes of success to the winning teams of the Linnaean Games.

Resolution No. 5.- **Whereas**, FMC Corporation, DOW Agrosiences and Gustafson provided funds for Branch Functions; **Be it resolved**, that the Branch membership express thanks and appreciation to these sponsors.

Resolution No. 6.- **Whereas**, the accommodations, service, and hospitality for this meeting contributed to the success of the meeting; **Be it resolved**, that President Terry Mize express written appreciation to the management and staff of the Renaissance Hotel.

Resolution No. 7.- **Whereas**, the Invitational Speakers provided informative and enjoyable messages; **Be it resolved**, that the Branch membership express their thanks to all Invitational Speakers for their participation in this meeting.

Resolution No. 8.- **Whereas**, Bayer CropSciences and Aventis Environmental Sciences provided funds for Spousal functions, **Whereas**, this support contributed toward a pleasant and successful meeting; **Be it resolved**, that the Branch membership express thanks and appreciation for this support.

Resolution No. 9.- **Whereas**, the Insect Expo committee Charied by Scott Russell and supported by West Texas A&M, New Mexico State University and Oklahoma State University along with “ Our Kids World” and “ Edison the Bus – EcoMotion” of Oklahoma City provided an outstanding educational event for the youth and general public of Oklahoma City, **Be it Resolved** that the Branch membership express their appreciation for this educational event.

The Resolution Committee report was accepted as presented.

Retirees Committee: No report provided

Site Selection Committee:

Pat Morrison, chair (2003), Dave Thompson (2004), Jim Reinert (25005) and Kim Cook White (2006)

The site selection committee met during the Southwestern Branch meeting at Oklahoma City and recommends the following sites for future branch meetings:

2004- Lubbock, TX

2005- Albuquerque, NM

2006- Central Texas

For the 2006 meeting, College Station, Austin and Houston were discussed as possible sites. Bart Drees will bring forward a specific recommendation for the meeting pending further study. No suggestions were made regarding the 2007 site. As per the suggestion of the 2002 site selection committee, the meeting location for 2006 was discussed at the 2003 Executive Committee meeting.

Respectfully submitted:

Pat Morrison, Chair

Spouses and Guests Committee:

Ann Weise, Chair

The committee thanks committee members Lori Mulder and Betty Wright for contributions to the SWB-ESA spouse/guest function. Aventis and Bayer are also thanked for monetary support of gifts. Unfortunately, the icy weather kept the numbers of participants down at the 2003 meeting.

Respectfully submitted, Ann Marie Wiese, Chair

Student Affairs Committee:

On Feb. 25, 2003 the committee met at the Varsity Sports Bar in Bricktown, Oklahoma City, Oklahoma.

Attending: Douglas Jones, OSU (Chair), Ana Palousek, WTAMU, Paul Smith, NMSU, Lisa Brooks, TAMU

Old Business – Poster Pub session. WE would still like to have such a session; however, if it is necessary to combine a poster pub with the student mixer, we would prefer to not pursue the activity.

Student Bulletin Board: If such a discussion board were to be established at the SWB-ESA web site, Lisa Brooks volunteered to moderate it in the beginning. However, none of use is computer literate enough to set up the site. Lisa does need to have instruction as to how to actively moderate the site.

Award Information: We were in agreement that an email to both students and faculty would be preferable. Information about these awards that are available and where to apply, etc. would be useful to students so that they could “ remind” their advisors that they are interested in such awards.

Poster Size Standards: We understand the limitations that the SWB-ESA faces in establishing a standard poster size. We would; however, like to see a blank judges criteria sheet, possibly posted at the web site. This would help greatly to “ design” our poster to meet those criteria. We also request the judge’ s reviews of our poster be sent to each presenter after the meeting, so that we can review what we did right and wrong in presenting our posters.

New Business

Online abstract publication of papers presented at he SWB-ESA annual meetings: We encourage such a “ proceedings” type of publication to be established. However, submission of the abstract or summary should be voluntary. This non-refereed publication could be useful in construction of a student’ s vita.

Lisa Brooks suggested that establishment of a new competition be explored. This competition would pit organizations from each school, or even the school itself.

Each organization would submit a short essay that outlined the outreach activities involving entomology whether it be conservation, education, or whatever. This essay would be submitted before the meeting and be judged by a formal or informal committee who would determine a winner. The winning organization would be awarded a plaque commending them on their outreach prowess.

Student Mixer: We were in agreement that it should continue to be held on the first day of the conference.

SAC Chair for 2003-2004: Doug Jones volunteered to continue as chair one more year and was unanimously selected.

No further suggestion were discussed and we adjourned.

Respectfully submitted

Douglas Jones – SWB-ESA Student Affairs Committee Chair 2002-2003.

Student Research Paper and Poster Awards Committee:

Bonnie Pendleton (Chair) commended the diligent efforts of the committee to judge all of the presentations, which totaled: 11 M.S. posters, 3 Ph.D. posters, 5 M.S. oral presentations, 4 Ph.D. oral presentations. Dr. Pendleton suggested that students follow the guidelines for presentation provided by ESA and also post an email address with there posters. The following awards (totaling nine) were awarded:

Ph.D. Oral Presentations: 1st place – Bryna Donnelly (Oklahoma State University)

2nd place – Johnny Chen (Texas A&M University)

Ph.D. Poster Presentations: 1st place – Zhen (Carl) Zou (Oklahoma State University)

M.S. Oral Presentations: 1st place – Audrey Sheridan (Oklahoma State University)

2nd place – Anastasia Palousek (West Texas A&M Univ.)

3rd place – Lisa Brooks (Texas A&M University)

M.S. Poster Presentations: 1st place – Kenneth Brown (Oklahoma State University)

2nd place – Andrine Morrison (New Mexico State Univ.)

3rd place – Ricardo Ramirez (New Mexico State Univ.)

Youth Science Committee: No report given.

Old Business

Under Old Business SWB Secretary-Treasurer John Burd provided an update on the revision of the SWB Constitution and By-Laws. A final draft should be ready for review by the Executive Committee prior to the 2004 meeting.

President Mize recognized the visitors from Kansas State University and thanked them for coming and participating in our meetings. Specifically, thanking the Department head at KSU (Sonny) and Roxanne. President Mize suggested that abstracts would be on a voluntary basis next year.

Dr. Jim Reinert suggested to Pat Morrison (Chair – nominating committee) that we would need a representative for the ESA Governing Board to sit in Cincinnati because of end of term of Dr. Gilstrap.

New Business

President Mize recognized all the help from everyone and suggested that our Branch was certainly one of the healthiest ones in ESA.

At this time, President Mize introduced John Burd as the new Branch President and passed him the gavel.

President Burd thanked Past-President Mize for his efforts and complimented his committees for the wonderful meeting site and tremendous program. President Burd made several remarks concerning the upcoming 2004 meeting in Texas. He announced that Megha Parajulee and Bonnie Pendleton would co-chair the Program Committee and Scott Armstrong would chair the Local Arrangements Committee. President Burd announced the theme of the meetings, with Past-President Mize' s input, was Ski Lubbock.

Having no further business to discuss, President Burd adjourned the final business meeting at 10:10 a.m.

Respectfully submitted,

Phillip G. Mulder, Jr.

2003 Secretary/Treasurer, Southwestern Branch, ESA