

Minutes of the 53rd Annual Meeting
February 28 – March 3, 2005
Albuquerque, New Mexico – Wyndham Hotel
David C. Thompson, Secretary-Treasurer

The 53rd Annual Meeting of the Southwestern Branch of the Entomological Society of America (SWB-ESA) was held at the Wyndham Hotel, Albuquerque, New Mexico, 28 February through 3 March 2005, in conjunction with the Society of Southwestern Entomologists. There were 126 registrants at the meeting.

Pre-Meeting Activities - INSECT EXPOSITION - FEBRUARY 28, 2005

(See **Insect Exposition Committee** report)

INSECT EXPO was to have been held in Santa Fe, NM; however, due to very low registrations the event was cancelled.

GENERAL SESSION – MARCH 1, 2005

Dr. Phil Mulder, President of the Southwestern Branch, called the opening session to order shortly after 8:00 a.m., Tuesday, 1 March, 2005. President Mulder welcomed attendees to the 53rd Annual SWB ESA and 29th Annual SSWE meeting. He thanked all of the SWB members responsible for putting together the 2005 meeting, especially the program committee chair, Carol Sutherland, and the local arrangements committee, Scott Bundy and Mike English. Also thanked were the members of the Executive Committee.

Pres. Mulder with the help of a member of Mayor's staff welcomed the members to Albuquerque, New Mexico followed by a presentation by Frank Gilstrap, ESA Vice-Pres., who gave a report for the Entomological Foundation. Members were encouraged to visit the website (<http://www.entfdn.org/index.php>) for more details and to learn how to "get more involved". Marvin Harris addressed the members as Governing Board representative and as an alternate for Paula Lettice, who was snowed in back east. He began with a plea to bring issues concerning the members to him. He stated that student membership is up; however, both regular membership and membership in BCE were both down. The ESA is back in the black. We are considering a new membership type to better support our foreign colleagues. Should the ESA consider hosting the International Congress of Entomology (ICE) in 2012? We are more fiscally sound than we have been in a number of years. This is partly due to outsourcing numerous projects to save money. We are still trying to determine the influence of the act passed by Congress in 2002 which influences charitable organizations (non-profits) on our society. The ESA has hired an investment advisor and plans for our ESA money. The meetings Online have been a success. The new website (<http://www.entsoc.org/index.htm>) has some problems but it is a classic work in progress. Scott Hutchins put together a good PowerPoint presentation discussing the new working group ideas entitled "Unity in the Essentials Freedom in the Non-Essentials". President Mulder then presented the following 2005 SWB-ESA Awards:

1. Michael Merchant, ESA Distinguished Achievement Award in Extension, Branch
2. Matt Yoder, John Henry Comstock Award, Branch

President Mulder and the Executive Committee then presented Russell Wright with the “Big Chief Award” (TA-QUE-NE-WHAP).

Dr. Gloria DeGrandi-Hoffman, Research Leader, Carl Hayden Bee Research Center, USDA-ARS, Tuscon, AZ then provided the Plenary Keynote Address with a presentation entitled, “Understanding a Conversion Experience: The Africanization of European Honey Bee Populations”. The Opening Session was concluded at 10:00 a.m.

FINAL BUSINESS MEETING – March 3, 2005

COMMITTEE REPORTS

Audit Committee:

The 2005 Audit Committee of the Southwestern Branch of the Entomological Society of America met in Albuquerque, New Mexico on Wednesday the 2nd of March, 2005 to perform an interim audit of the financial affairs of the Southwestern Branch of the ESA.

The audit addressed the recorded transactions from the transfer of the societies account (#488-0083631) to the incoming secretary-treasurer Dr. David Thompson on or about 30 April 2004 to the 2nd of March, 2005, which was midway through the 2005 meeting of the society.

The 4-30-2004 beginning balance was \$8,689.37. Income from that time to the present totals \$12,409, \$5,195 of which came from registration fees and \$7,214 which came from contributions. Total expenses to 2 March 2005 were \$4,102.06, giving a march 2, 2005 balance of \$17,599.11.

The interim audit was conducted by the audit committee, Jonathan Edelsen, Tom Fuchs, and Grant Kinzer who carefully examined the accounts and found them to be in good order. Dr. Thompson is commended for the thorough documentation provided relative to both income and expenses. The final 2004-2005 audit will be performed when all the 2005 meeting related transactions are completed.

Respectfully submitted,

H. G. Kinzer, Chair, Audit Committee

Awards Committee: (No report submitted)

Necrology Committee:

We are saddened to report the passing of several of our distinguished colleagues that have contributed to the science and advancement of Entomology and to the success of the Southwestern Branch of the Entomological Society of America.

Reynold G. Dahms

7 Oct. 1912 - 23 April 2004 Age 91

Dr. Reynold Dahms was 91 when he died 23 April 2004, in Fayetteville AR. He was born 7 Oct. 1912, in Verden, OK, to Carl and Georgia Manning Dahms. He received his B.S. (1933) and M.S. (1935) degrees in Entomology from Oklahoma Agricultural and Mechanical College (now OSU). Professor C.E. Sanborn was his advisor at OSU. Dr. Dahms received his Ph.D. from Kansas State University in 1939.

He was an Entomologist at the U.S. Field Station in Lawton, OK from 1936-41. In 1942, he came to Stillwater where he began working as an Assistant Entomologist and later obtained the rank of Professor. From 1956 to 1974, Dr. Dahms was the Branch Chief for grain and forage insects at the Plant Industry Station in Beltsville, MD. He then served as the Area Director of the Agricultural Research Service of the USDA in Columbia, MO. Dr. Dahms was a member of The National Agricultural Research, Extension, Education and Economics Advisory Board (NAREE) and the Central United Methodist Church in Fayetteville. He is survived by his wife, Hazel Owen Dahms of Fayetteville, and a son, Kenneth Dahms of Lebanon, OH.

Patti J. Elzen:

- 5 June 2004

Dr. Patti Elzen was a Research Entomologist with the Honey Bee Research Unit of the Kika de la Garza Subtropical Agricultural Research Center, Weslaco, TX. Patti passed away on 5 June 2004. Dr. Elzen received her B.S. at the University of Florida at Gainesville in 1982, her M.S. at Texas A&M University in 1985 and her Ph.D. at Louisiana State University in 1992. Her professional interests included; Toxicology, Apiculture and Integrated Pest Management. She joined the Honey Bee Research Unit in 1996 and quickly became an expert in innovative management techniques for various hive pests ranging from the small hive beetle, American foulbrood, and varroa mites, all from a sustainable agriculture and IPM perspective.

Patti was deeply committed to supporting the St. Vincent de Paul Society, a charity that helps the poor.

Kenneth Herbert Karner

31 May 1954 - 9 May 2004 Age 49

Kenneth Karner was the Superintendent of the Oklahoma State University Fruit Research Station at Perkins. He died Sunday, 9 May 2004, as the result of an automobile accident at the age of 49. He was born 31 May 1954, in Tulsa, OK to Ruth (Bredehoeft) and Herbert Karner. Ken was raised in Broken Arrow and was a graduate of Broken Arrow High School in 1972. After graduating, he moved to Stillwater to attend Oklahoma State University.

Ken married Janet (Meineke) Karner on 23 Dec. 1972, in Broken Arrow. He received his B.S. degree in Entomology from OSU in 1977. After graduating from OSU, he and his wife moved to Ripley. They later moved to Perkins to raise their family. Ken loved to hunt, fish and work on old cars with his boys. His passion was his family and his favorite pastime was watching his children play sports.

Ken was a member of Our Redeemer Lutheran Church in Perkins. He was a member of Jaycees, Perkins Youth Sports, Cimarron Baseball Association, Bandit Football Association, Perkins Parks and Recreation, POSSE, Demon All Sports Boosters and was the voice for Perkins Demon football.

Ken was preceded in death by his mother and a brother, Donnie Karner. Survivors include his wife of the home, father of Broken Arrow; two sons, Cameron Karner of Enid and Logan Karner of Perkins; one daughter; Nichole Karner Tivis of Perkins; one brother, Gary Karner of Dallas, TX; and one sister, Valarie Kolkmann of Broken Arrow.

Burruss McDaniel

1928 - 8 April 2004 Age 76

Dr. Burruss McDaniel of Phoenix, AZ passed away on Thursday, 8 April 2004 at the age of 76. He was born in Fort Smith, AR and was a World War II Navy veteran. He received his B.S. degree from the University of Alaska and his M.S. and Ph.D. degrees from Texas A&M. University. After serving on the faculty of Texas A&I University at Kingsville, TX for 5 years, he accepted a position at South Dakota State Univ. where he retired in August 1992. After moving to Phoenix in 1992, he became an avid golfer at Foothills Golf Course, not only hitting a few rounds of golf, but also providing an immense help to the staff. He enjoyed caring for and becoming involved in the lives of his grandchildren. He also continued his personal writing of poetry, 2 books published just weeks after his death. Survivors include his daughter, Karen Becker of Tempe, AZ; 3 grandchildren, Jeremy, Alex and Katrina; and a sister, Peggy Clark, of Palo Alto, CA.

Dr. Roger W. Meola

25 Aug. 1934 - 22 Dec. 2003 Age 69

Roger Meola was born on 25 Aug. 1934 in Cleveland, OH to Librador K. and Bessie Walker Meola. He lived in College Station, TX for 31 years before he passed away on 22 Dec. 2003 at the age of 69 in Bryan, TX. He was a member of the Department of Entomology at Texas A&M University from 1973-99.

He graduated from Shaw High School and earned his B.S. (1954), M.S. (1958) and Ph.D. (1963) degrees from the University of Ohio. He worked at the Florida Medical Entomology Lab and the University of Georgia before retiring as a professor emeritus at Texas A&M University in 1999.

Dr. Meola began his professional career as a post-doctoral Research Associate at Ohio State University in 1963, after completing his Ph.D. with Professor D.M. DeLong. A year later, he and his wife Dr. Shirlee Meola were employed at the Florida Medical Entomology Laboratory in Vero Beach, FL where they were part of a research team that identified the source and function of several hormones regulating reproduction and behavior in mosquitoes. The Meola's then continued their research at the University of Georgia between 1969 and 1972.

In 1973, Dr. Meola accepted a Research Associate position with Dr. Perry Adkisson to study the physiology of diapause in the cotton bollworm. Dr. Meola joined the Entomology Faculty as a Lecturer in 1975 and was appointed as an Assistant Professor in 1978.

During his 27 years of service to Texas A&M University, Dr. Meola taught several courses and maintained an active research program. He also served as the faculty advisor for the Masters of Agriculture degree program.

In recognition of his work in the classroom, he received the Association of Former Students Distinguished Teaching Award in 1985 and the Distinguished Achievement Award in Teaching

from the Southwestern Branch of the Entomological Society of America in 1987 and 1988.

Roger was happiest when guiding young people in the field of Entomology and when he was fishing. He gave a smile and encouragement to all he met and never turned a needy animal from his door. In his new journey, he leaves behind his wife, Shirlee May, of 47 years; a brother, Kenneth Meola of Oceanside, CA; a sister, Betty Lee Huffman of Richmond, VA; and numerous nieces and nephews. He will be missed by many relatives, friends, colleagues and students into whose life he has brought so much joy.

Daniel S. Moreno

- 16 Nov. 2004

Dr. Daniel Moreno was a Research Entomologist with the Crop Quality and Fruit Insect Research Unit, USDA-ARS-CQFIR of the Kika de la Garza Subtropical Agricultural Research Center, Weslaco, TX since 1986. Dr Moreno was born 8 June 1939 in Mexico and after a battle with cancer passed 16 Nov. 2004.

After graduation from Holtsville High School, Holtville, CA, Dr. Moreno received his BS at California State Polytechnic University, Pomona in 1963, his MS in 1970 and PhD in 1974 from the University of California, Riverside. His professional interests included insect behavior and physiology. He joined the Crop Quality and Fruit Insects Research Unit in 1986. Before moving to Weslaco, he worked from 1966-1986 as a Research Entomologist, with the USDA-ARS, Riverside, Calif. Dr. Moreno also served as a Pharmacy Specialist with the U.S. Army from 1963-1966. He was the lead scientist for the "Fruit Fly Management through Novel Approaches" project as part of an entomological program in citrus and other subtropical fruits. Most research is conducted in the Lower Rio Grande Valley of Texas and two northeastern states of Mexico

Wayne Showers

1933 - 28 June 2004 Age 71

Mr. Wayne Showers of McAllen, TX died Monday, 28 June 2004 at the age of 71. He served on the Texas A&M University System Board of Regents from 1987 until 1993 and was vice chairman during his final two years on the board. Mr. Showers graduated from Texas A&M University in 1953 with a B.S. in horticulture and later earned his B.S. and M.S. degrees in entomology in 1958.

Other than his family, Showers had two great loves in his life: agriculture and Texas A&M University. Showers was instrumental in shaping the changing face of Texas A&M. He helped to re-establish the Horticulture Department, the School of Rural Public Health and the Vegetable and Fruit Improvement Center at A&M.

In addition to his service as a regent, he directly served his alma mater in a variety of ways, including having a leadership role in the Target 2000 Project, and was active in The Association of Former Students, serving at one time as a vice president.

Showers also served as vice-president of the Texas A&M Association of Former Students, on the board of the 12th Man Foundation and was president of fruit and vegetable producer Griffin & Brand for 32 years. He was named a Distinguished Texan in Agriculture in 2003 and was inducted into the Horticulture Hall of Fame. So great was Showers' reputation that in 1991 the first President Bush named him president of the Commission on Food and Food Distribution to Russia. From 1961 to 1993, Showers was president of Griffin and Brand in McAllen, TX, one of the Rio Grande Valley's largest producers of fruit and vegetables. As president, he helped open markets in

Mexico for Texas agriculture products and he worked hard to maintain the economic viability of South Texas fruit and vegetable growers. He also served as president of Alamo Fruit and Vegetable Co. from 1976 to 1984. He later founded the Showers and Associates agriculture consulting firm.

Charles R. Ward

1978 – 31 May 1996 Age 64

Dr. Charley Ward was professor of entomology and pest management specialist with New Mexico State University's Cooperative Extension Service before he retired on 31 Oct. 1996 after 20 years of service. He passed away on 31 May 1996 after months of ill health.

Ward, a Texas native, earned his Ph.D. in entomology from Cornell University in 1968, and served on the faculty at Texas Tech and Texas A&M at the TAM Agricultural Research & Extension Center at Lubbock (1976-77) before coming to NMSU in 1976. He had international assignments through USAID in Bolivia (1976-78) and in Honduras (1983-84).

Ward served as a joint Research and Extension Entomologist at Artesia, Alcalde and Albuquerque. As a pest management specialist in the Bernalillo County Extension office, he developed Integrated Pest Management (IPM) programs in both forestry and ornamental plants, as well as increasing the amount of IPM training given in the New Mexico's Master Gardener Program. He also directed a three-year USDA study to demonstrate IPM principles for landscape management in New Mexico and the Southwest.

Ward's research and demonstration work on the pine tip moth reduced pesticide use for this insect more than 30 percent. He also was responsible for updating Extension alfalfa and cotton insect guides and associated research and educational IPM programs throughout the state.

Ward is a member of the Entomological Society of America and the Southwest Entomological Society. In 1981, he was recognized for his outstanding contributions to entomology by the American Registry of Professional Entomologists.

Curtis “Curt” Eugene Williams

5 Sep. 1917 - 19 Feb. 2005 Age 87

Curt was an amateur entomologist from Marlin, TX. He was born 5 Sep. 1917 in Talco, TX to William Christian and Jewel May (Elliott) Williams. The family moved to Marlin, TX in 1930 and lived there for over 65 years. He married Lunell Stanley on 14 Aug. 1936 in Hugo, OK. She preceded him in death 27 Feb. 2004, after a beautiful marriage of over 67 years. Also preceding him in death were his parents, and 2 brothers: Walton Earl and Gordon Wayne Williams. He passed away 19 Feb. 2005.

He was a veteran of the US Navy, serving in WW II as a radar and sonar technician in the Pacific. Curt was retired from the US Postal Service after 30 years of service as a letter carrier in Marlin. Following this, he was employed by the Falls County Sheriffs Department for 10 years as a night jailer/dispatcher, crime scene photographer, and Spanish interpreter.

Curt had many hobbies over the years, including woodworking, and Spanish. However, the hobby that brought him the most pleasure and recognition was his nature photography and studies. Curt was honored as a Research Associate of Baylor's Strecker Museum, and a large collection of his nature photographs toured the nation's universities. More than 450 of his nature photographs have been published in magazines, books and other publications world-wide. Curt's favorite nature subject was dragonflies and damselflies, and he studied them to the extent of writing research papers on the behavior of certain species – papers which were subsequently published in scientific journals.

Hundreds of his photographs of dragonflies were added to the Texas A&M web sites, "[Digital Dragonfly Museum](http://www.dragonflies.org)" (<http://www.dragonflies.org>) in February 1999.

He was a member of Marlin's East Side Church of Christ. Survivors: Son and Daughter in law: Larry & Maryann Williams of Fuquay Varina, NC, Daughter: Angele Griffith of Waco, 7 Grandchildren: Lisa Reneau, Stephanie Jacobson, Melayn Griffith, Jared Williams, Kelly Council, Kevin O'Brien, Leslie Newcomb and nine Great Grandchildren.

Respectively submitted

James A. Reinert, Chair (j-reinert@tamu.edu)
Grant Kinzer
Phil Mulder

Branch Archive Committee:

A list of items received in 2004 and mailed to the Cushing Library at TAMU in College Station is included below. Communications were had in November, 2004 and February, 2005 with Dr. Frank Gilstrap, ESA President Elect concerning Archives at the national level.

Dr. Burke sent Dr. Gilstrap some historical documents concerning the Archives Standing Committee which went out of existence many years ago. I sent Dr. Gilstrap a review of the charge and accomplishments of the Entomological Heritage Committee which was in service from 1998 to 2002. Dr. Burke and I both served on the committee. With the demise of this committee we have a great concern for archiving of important documents in the history of ESA. I would like to see the headquarters staff and leadership take an active role in archiving items at our national repository at Iowa State University.

1. 1996 - List of Chemical Company personnel that are members of SWB - ESA and sustaining associates.
2. Another mailing list of Chemical Co. Representatives used for donation contacts.
3. October 6, 1996 - Letter requesting support funds for 44th Annual Meeting from Texas Ag. Chem reps.
4. August, 1996 - OSU letter requesting support funds for 45th Annual Meeting SWB-ESA.
5. July, 1999 - Letter to Jim Webster on Industry Mailing List SWB - ESA.
6. 1991 - Letter to Bob Burton concerning serving as Program Chair.
7. 1991 - Don Bull letter concerning paper submission deadline.
8. 1991 - Letter to Tom Turpin inviting him to SWB meeting in his capacity as ESA President.
9. Program for Joint IPM Symposium for SWB & Texas Pest Mgt. Assn. February, 1998.
10. August, 1999 - Letter from Jim Webster, SWB President with agenda for August 30 planning meeting.
11. 1988 - Letters from Joyce DeVaney setting up the Program Committee.
12. October 1998 - Letter to membership concerning deadlines and registration for 47th Annual Meeting.
13. September, 1999 - Letter to membership concerning meeting location, deadline and

- registration from Jim Webster.
14. 1999 - Student Affairs Com. Survey Summary
 15. October, 1991 - Letter to membership announcing 40th annual meeting to be held in Tulsa from Don Bull. Also included committees and call for papers.
 16. 1991- Letter inviting George Teetes to participate in cereal pests symposia by Bob Burton.
 17. 1991 - Letter inviting Jim Webster to participate in cereal pests symposia by Burton.
 18. September, 1990 - Letter to membership from Aithel McMahon, President, SWB - ESA announcing Annual Meeting.
 19. September, 2001 - Letter to membership from Pat Morrison announcing annual meeting.
 20. June, 1998 - Thank you letter from Ray Smith of Novartis for contribution to SWB from Jim Reinert.
 21. February, 2000 - Thank you letter from Bob Cartwright, Novartis for contribution to SW Branch from Jim Webster.
 22. February, 1997 - Thank you letter to Bob Bierman of Du Pont for contribution to Branch from Carol Sutherland.
 23. March, 1999 - Form letter for thank you from Carol Sutherland.
 24. December, 2001 - Congratulation letter to award winners from Pat Morrison, Branch President.
 25. 2004 - SW Branch Archive Report with list of items sent to Archives at TAMU.
 26. February 23-26, 2004 - Program, 52nd Annual Meeting of SWB - ESA held at Lubbock
 27. Program of High Plains Ass'n of Crop Consultants - held in conjunction with SWB 52nd Annual Meeting.
 28. 2004 - Linnean Game Competition Elimination Schedule.
 29. 2004 - Agenda - Final Business Meeting of SWB - ESA.

Greg Cronholm, SWB Archivist
February 22, 2005

Insect Detection, Evaluation, and Prediction Committee:

TEXAS

The bamboo mealybug, *Palmicultor lumpurensis* (Takahashi) [Homoptera: Pseudococcidae], is a pest of bamboo and has previously been found in Florida. This mealybug appears to have been brought into Texas with new bamboo planting probably during 2003 into a public park in Travis County. The information was reported on a web site:

<http://www.bamboocraft.net/forums/archive/index.php/t-683.html>.

Carlos Bográn reported cycad aulacapsis scale, *Aulacapsis yasumatsui* Takagi, was found in College Station, Brazos County, in a retail nursery near the end of 2004. There are previous interceptions and records in the Lower Rio Grande Valley and along the Texas Coastal Bend areas. The hosts include sago palms and other cycads, *Cycas* spp. and *Dioon* spp.

Agrilus prionurus Chevrolat [Coleoptera: Buprestidae] is a wood boring beetle that feeds on *Sapindus saponaira* var. *drummondii* and is native to Mexico. It was reported in Austin, TX in September 2003. Subsequent collection efforts located it in three counties. This is a first record in

the United States. No quarantine action will be taken on this insect.

In 2004, Africanized honey bee (AHB) quarantines were expanded to include Grimes, Dickens, Garza, Kent, Stonewall, Swisher and Winkler counties. This brings the number of quarantined counties to 158 in Texas.

The eastern part of the country experienced emergence of Brood X of the periodical cicada in 2004. This is one of the most widespread and conspicuous cicada emergence broods in the US. The public interest extended into Texas but there are none from that brood in Texas.

In August, woolly aphids on hackberry were noticed in widespread populations across east Texas. This seems to be a normal population fluctuation even rather than a new pest.

Two specimens of *Scolytus schevyrewi* Semenov were identified in the TAMU Insect Collection by Ed Riley. The collection data on the labels reads: TX: Randall Co. / Palo Duro Canyon St. Pk. / 34o56'30"N:101o39'35"W / V-15-2002, E. G. Riley, UV.

A Pyemotes mite has been verified as present in Texas. This itch mite occurs sometimes on fallen leaves and has been implicated as causing rashes on skin of people raking leaves in the fall. See: http://citybugs.tamu.edu/IntheNews_Details.asp?ID_Key=414

Jackman has been appointed to the Western Region CAPS committee.

OKLAHOMA

This year (2004) saw the long awaited arrival of African honey bees to Oklahoma. During the second week of August two samples of honey bees from Tillman County were sent to the Plant Disease and Insect Diagnostic laboratory (PDIDL) for testing. At least one of these bee colonies were involved in a serious stinging incident when a work crew cut through the limb of a storm-damaged tree in the southwest Oklahoma community of Tipton. Seven members of the work crew were treated at a local hospital. Using a new mitochondrial PCR technique developed and validated by researchers at Texas A&M and the USDA-ARS bee unit in Weslaco, TX, our lab identified both samples as African honey bees (AHB) and not European honey bees (EHB).

Subsequently a total of 12 counties in Oklahoma have tested PCR positive for AHB. Four of these early reports have been verified by Carl Hayden Bee Research Center in Tucson, Arizona, as AHB with 100% probability.

The Oklahoma Department of Agriculture, Food, and Forestry also notified us that Oklahoma may have received a large shipment of ornamentals from Florida (150,000+) possibly infested with the pink hibiscus mealybug (PHM). ODAFF submitted several suspect samples to the PDIDL for identification but none were found to contain PHM.

Except for the above cases we have not seen many unusual events this year. Several growers in northern Oklahoma have reported severe infestation of Hessian fly on winter wheat. It appears USDA may be getting serious about increasing the number of quarantined counties

for red imported fire ants. ODAFF has notified us that they are working closely with them on this matter.

NEW MEXICO

Corn blotch leafminer, (Diptera, Agromyzidae, *Agromyza parvicornis*) was identified in commercial silage corn in Hidalgo County in April. The outer whorls of leaves were sufficiently mined to give the field a visibly yellow or tan cast; on individual plants, the mines had coalesced to the point where clumps of 8-12 maggots were relatively easily to locate and excise. This was apparently the second year for this pest in this location. In 2003, affected corn growers noted nearly 50% losses attributed to this pest. Our NMSU agronomist noted that knee-high corn is at an age when the numbers of ears are being determined along with the numbers of kernel rows/cob and the lengths of the kernel rows. Available literature indicates corn blotch leafminer is a secondary pest with little biological data available. A literature survey via the Web indicates this insect has become a prominent corn pest in recent years in Iowa, Nebraska and Idaho.

No new county records were determined for Africanized honey bees in New Mexico in 2004. Bee samples submitted to the Carl Hayden Bee Research Laboratory during 2004 were identified as European, various AHB hybrids or as Africanized (100% probability), suggesting our state of flux continues as AHBs redistribute themselves over time. Two experienced beekeepers, one from north Albuquerque and another from Taos were severely stung in late summer by their managed honey bees. These bees previously had been docile; small samples taken after each stinging event were determined by the Carl Hayden lab to be "European." After listening to our keynote speaker concerning the Africanization of honey bee colonies in the Southwest, perhaps the best advice to beekeepers is to expect Africanization sooner or later in their colonies. Prepare for the worst bee behavior which could shift suddenly if a resident European colony is taken over by an Africanized queen and some of her brood. In any case, neither of these colonies survived stinging their keepers.

Apple maggot (Diptera: Tephritidae, *Rhagoletis pomonella*), was confirmed in the adult stage from specimens collected on yellow sticky trap surveys in Los Alamos in July and August. The larval stage was identified and tentatively confirmed the previous fall in backyard apple fruit grown in the same area. This high mountain community has no known commercial apple orchards but does have numerous backyard apple and rose plus landscape crabapple and hawthorn, all of which might be considered hosts for this damaging pest. A "permanent" apple maggot quarantine was passed by the state's apple growers and the New Mexico Department of Agriculture earlier in February, 2005. By regulation, Los Alamos, Rio Arriba and Santa Fe Counties are affected.

Japanese beetles (Coleoptera: Scarabaeidae, *Popilia japonica*) have been established in northwestern Albuquerque since 1997 and have been trapped by the New Mexico Department of Agriculture every year since. Perhaps due to insecticide treatment of a city park in the affected area, trap counts of adult JB were down significantly in 2004. Bernalillo County nurserymen are supporting JB containment and eradication treatments.

USDA-APHIS, PPQ has begun surveys for the cactus moth, *Cactoblastis cactorum* (Lepidoptera, Pyralidae). So far this pest is known from Florida and nearby southeastern states; Mexico has expressed extreme concern about the invasion and pest potential of this insect. New Mexico survey

specialists began their work in the rangelands of eastern counties of the state on available *Opuntia pad cacti*. They looked for dying or withering pads, extracting any insects found inside. At least one and maybe two species of the pyralid *Melitara* were found in this survey. Mature larvae can be quite large, slightly over an inch. Identifications were provided by Dr. Richard Brown, Mississippi State University, who will serve as the official identifier for this effort. According to Dr. Brown, none of the caterpillars recovered from this particular survey seemed to be the common blue cactus caterpillar, *Melitara prodenialis*.

Populations of *Ips confusus*, the pinyon bark beetle (Coleoptera: Scolytidae), continued to ravage stands of our New Mexico state tree, particularly in the northern part of the state. These lower elevation forest trees have been seriously drought stressed for several to many years, making them extremely vulnerable to bark beetle infestation. Tree kill in seriously affected areas is 100% or nearly so. Aerial surveys conducted in 2004 suggest fewer acres of pinyon have been killed this year than earlier, possibly because these pests have reached the distribution limits of their hosts. Additional moisture from rain and snow in northern New Mexico may bolster the natural defenses of remaining host trees in some sites.

Snailcase bagworm (Lepidoptera: Psychidae, *Apterona helix*) has been verified in two more northern New Mexico counties: Santa Fe and San Miguel. This tiny females-only, spiral-cased, larviform creature seems to be primarily a weed feeder and difficult to detect because of its camouflage. When females mature and prepare to lay their eggs, they glue themselves to substrates such as fence posts, mailbox posts, the sides of houses, boards, etc.; since they are nearly impossible to wash or sweep away in this glued-on condition, they attract the homeowners' ire.

Another small bagworm, *Coleophora* sp. or spp. (Lepidoptera: Coleophoridae) was first found in weeds in south central New Mexico in December. At most, the bags are the diameter of pencil leads but seem to be less than 1/2" long at maturity. These creatures may be more prominent this year because of the additional rain and snow falling on New Mexico in late 2004.

Red imported fire ant (Hymenoptera: Formicidae, *Solenopsis invicta*) has been identified by DNA analysis in a small park along the Rio Grande River in Las Cruces, Dona Ana County. Specimens were originally collected in 2003, while analysis techniques were developed and perfected in 2004 by Dave Thompson's laboratory group. This regulatory pest was previously identified from Dona Ana County in 1998. The county has been under federal quarantine.

Respectfully submitted,

John Jackman, Texas
Richard Grantham, Oklahoma
Carol Sutherland, New Mexico, Chair

Insect Expo Committee:

Committee Members:
Scott A. Russell – Chair

Andrine Morrison
Bonnie Pendleton
Phil Mulder

The Santa Fe County office of the New Mexico Cooperative Extension was contacted and agreed to co-host the Insect Expo event by providing use of the Santa Fe County Fair Grounds facilities, without charge. Their office put Chair, Scott Russell, in contact with the Santa FE Public Schools Administration offices. The Curriculum Director and Superintendent approved Insect Expo as a District approved field trip and provided information to the Elementary school teachers.

Several local exhibitors were contacted and agreed to provide exhibits. These included:

New Mexico Department of Agriculture, Dr. Brad Lewis

New Mexico State Forestry, Ms. Karen Lightfoot

New Mexico Land Office, Ms. Dana Vackar

The Rattlesnake Museum, Mr. Bob Myers

Santa Fe Children's Museum, Ms. Londi Carbajal

Santa Anna Pueblo, Ms. Laura Pena

Exhibitors from our Branch included:

Texas Cooperative Extension, Mr. Scott Russell and Mr. Greg Cronholm (3 total exhibits)

West Texas A&M University, Dr. Bonnie Pendelton (2 exhibits)

Oklahoma State University, Ms. Andrine Morrison (Live Insect Petting Zoo)

New Mexico Cooperative Extension, Dr. Carol Sutherland

New Mexico State university, Dr. Dave Richman and Dr. Paul Smith (2 exhibits)

As of February 14, 2005, only 4 classes of students (98 total students) had signed up to attend the Insect Expo. Due to this low turnout, Scott Russell recommended to the Board that the event be cancelled. The Board did cancel the event and forwarded notice to all members. The local contacts in Santa Fe were all contacted by phone and /or e-mail notified of the change also.

This report is respectfully submitted by Scott A. Russell, March 7, 2005.

Linnaean Games Committee:

The twenty-first Linnaean Games Competition for the Southwestern Branch of the ESA was held at the fifty third annual meeting in Albuquerque, New Mexico. Teams representing New Mexico State University (2), Oklahoma State University (2), Texas A&M University (2), and West Texas A&M University participated in the games. In ten 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 Ft. Lauderdale, Florida. 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 industry

supporters for their support of trophies and other awards provided to the winning teams.

Respectfully submitted:

Phillip G. Mulder, Jr., Chair
Richard Grantham
Marvin Harris

Richard C. Berberet
Scott Bundy

Mark Muegge
Ann Wiese

Local Arrangements Committee: Scott Bundy and Mike English

The meeting was held at the Wyndham Hotel in Albuquerque, NM. Room rates were \$85.00 per night (\$ after taxes). We exceeded our minimum guaranteed room nights of. A total of \$ was paid to the hotel for catering, equipment rentals, services, etc. We easily exceeded the minimum charge for food –receiving free use of meeting rooms.

Specifically, hotel catering covered the student mixer (minus \$500 obtained from donations provided from Bayer Crop Sciences, Agrilience, and Entomology Consultants at the request of Paul Smith), a continental breakfast Monday through Wednesday, a morning break on Tuesday and Wednesday, an afternoon break on Tuesday and Wednesday, an affordable banquet on Tuesday night which cost \$20.00 per person (prepared for 140 people), and a coffee break on Thursday.

Poster boards (total) were rented a low cost from New Mexico State University in Las Cruces and transported to the meeting. A minor problem with these boards was that some had been trimmed and didn't quite meet the 8 foot width requirement. Most other av material (projectors, computers, laser pointers, etc.) were provided to the meeting by NMSU.

Donations were solicited by Phil Mulder, and he obtained contributions from Bayer Crop Science, Dow AgroSciences, DuPont Crop Protection, FMC Corporation, Monsanto, Syngenta, Trécé, and U.A.P. Southwest. Phil has written letters of appreciation to sponsors.

The meeting went smoothly. Since the Insect Expo was cancelled, we had many students vying to fulfill their service obligations to cover their registration fees. They did an excellent job of helping at the registration desk, presentation download station, etc. The banquet was well-received by attendees, and the food (and price) was quite good. The hotel staff was extremely courteous and helpful. Any accommodations that needed to be made were done quickly and painlessly. Speaking of pain: we did have one hospital visit. Tom Phillips had an accident that required an emergency room visit. Reports say he is doing well.

Membership Committee: (No report submitted)

Nominations Committee:

The SWB ESA 2005 Nominations Committee convened a meeting on March 1, 2005 at the Wyndham Hotel, Albuquerque, New Mexico, site of the 2005 SWB ESA Annual Meeting to consider and discuss nominees for Secretary-Treasurer Elect, SWB ESA, for 2006. Committee members present were: Dr. John Burd, Past-President, Dr. Phil Mulder, 2005 SWB ESA President, Dr. Jim Webster, and Dr. Marvin Harris, SWB ESA Governing Board Representative.

Several potential candidates were discussed from Industry, Federal and State Government, and

Private Consulting backgrounds, considering availability, service to the Society, membership in the Society, and potential interest in serving.

In a unanimous decision, the Committee voted to nominate Bonnie Pendleton, West Texas A&M University, Canyon, TX as the 2006 nominee from the Nominations Committee for Secretary-Treasurer Elect.

Respectfully submitted to the membership at the Final Business Meeting of the 2005 SWB ESA Annual Meeting, Albuquerque, NM on March 3, 2005.

John Burd, Chair
Phil Mulder
Jim Webster
Marvin Harris

Program Committee:

Preparations for making this year's program began in late fall, 2004 with the receipt of emails containing "boiler plate" items and logos for the finished program. A very rough program was created using simple time blocks for papers and posters, fitting in the usual activities before and after the meeting as well as evening events. This and very preliminary information on the meeting was posted to the Southwestern Branch ESA website before Christmas, 2004.

Pat Porter opened the web site for submission of papers or posters at about the same time. The original submission deadline of January 10 was determined to be too early, especially since Texas A&M faculty and students had not yet returned from Christmas break. The submission deadline was extended another week or so, although submissions or corrections were accepted via email right up until the time the program was printed, February 18.

There were several glitches with the SWBESA website associated with submission of papers and posters, many of which were corrected before or as this year's program was printed:

1) there still seems to be general confusion about what one can and cannot do on the SWBESA website, besides read about the up-coming meeting. At present, one can submit a title for a poster or paper; abstracts can be entered although most of them that I received were emailed as Word document attachments. One cannot register for the meeting since there is no way to pay fees via credit card over a secure connection. This is a continuing frustration for members planning to attend an upcoming SWBESA meeting.

2) when accessing the part of the web site dedicated to the entry of paper and poster titles, could we please use a really short and simple password? "Albuquerque," the site of this year's annual meeting, is hard enough to spell when you can see what you're doing and since passwords are typically not displayed as one types, the majority of complaints I received this year were about the long and difficult password. Perhaps instead, the "short" first name---or middle name in some cases---would work nicely? For example: Phil, John, Terry, Pat, Jim are quickly, easily and accurately spelled even by people typing with one finger while talking on the phone.

3) student papers and posters should have the "level of competition" as a required field. Undergraduate/MS or PhD would be appropriate choices. (There was some discussion at the Final

Business Meeting on March 3, 2005 about dividing one category into Undergraduate AND MS groups; this was an idea but no action was taken then.)

4) at the conclusion of the paper or poster submission session, a couple of steps need to be added to show the submitter exactly what he/she has just entered, allowing on-screen editing before the corrected, final version is filed into the database. Allow for an editing screen in the submission of abstracts, also. (Only a couple of people have asked about re-editing a submitted title or abstract. If a submitter chooses a unique password during the initial data entry session, could this allow access for further editing---before the submission deadline?)

5) for all paper or poster submissions, an immediate acknowledgement email message should be sent to the “presenter” at his/her supplied email address at the conclusion of the submission session. While we had this provision this year, I don’t believe it was activated until well past the submission deadline. This acknowledgement should repeat exactly what the submitter just posted to the data base, plus a “thank you,” a repeat of the when and where details of the upcoming annual branch meeting and a pertinent web address, email address and phone number of someone managing the database for assistance in correcting any further errors, corrections, cancellations, etc. We also need a sentence in this acknowledgement to indicate whether an abstract was submitted during the submission session; abstracts are required for students in competition but are optional for others. The email systems already in place with put time and date stamps on each message sent.

6) the presenter should have his/her email address listed in the program since that individual is most likely to receive follow-up questions or requests for further information. This address might go in the listing of the paper or poster title or it might go into the index of presenters at the end of the program. The next Program Chair should consider including email addresses for presenters next year in one place or another in the program; work with the data base administrator before titles are submitted to capture submitter email addresses in one place or another “automatically.”

7) while papers or posters can have multiple authors and their affiliations should be acknowledged (the drop-down menu selections were good), output from the database is more concise and less confusing if multiple authors from the same institution have all of their names listed followed by one mention of the institution. Is this too difficult to program for the database to handle?

8) when multiple authors and affiliations are typed into the submission screen, all of this information should be captured by the database and listed or condensed appropriately in the output. It seems that many multiple author submissions showed only the presenter in the data base. To the best of my knowledge, all of the multiple authors and affiliations were added again before the program was printed.

9) standard output from the database should clearly state which submissions are oral papers and which are posters. (That was done in a second, corrected listing of papers I received.)

10) similarly, database output should clearly state into which symposium each paper fits. With only 4 short mini-symposia this year, I took emails from the symposia organizers and cut-and-pasted individual papers into place. This wasn’t a problem this year and may not require a fix unless submissions get more numerous or elaborate in the future.

General descriptive information of this year's program is as follows:

- 1) sponsors---listed in the program and thanked multiple times---12
- 2) special welcome from the office of the Mayor of Albuquerque: Diana Dorn Jones-Chief Operating Officer, City of Albuquerque
- 3) special guest and keynote speaker: Dr. Gloria DeGrandi-Hoffman, Carl Hayden Bee Research Center, USDA-ARS, Tucson, AZ; she gave a keynote presentation (45 minutes) plus a shorter presentation (20 minutes) in a symposium on honey bees
- 4) student competitions---6 oral and 9 posters (all present)
- 5) 27 submitted posters, 1 cancelled but 1 extra poster submitted
- 6) 15 submitted papers, 1 cancelled
- 7) Mini-symposia: 4, including Urban Entomology: Facing the Challenges (5 papers, about 1.5 hours) Bugs in Our Crops (5 papers, about 1.5 hours); Applications of Functional Genomics in Entomology (5 papers, 2 hours) and the European and Africanized Honey Bee in the Southwest (4 papers, 1.3 hours).
- 8) 1 presenter index
- 9) 1 menu for the annual banquet
- 10) Listing of presidents and chairs of the SWBESA since 1950-51
- 11) Standard boiler plate on registration, ESA Certification Board, Sponsors, Audiovisual, Program Schedule and Moderators, Retiree and Spouse/Guest information, Job Opportunity, Lost and Found, Messages and a general index
- 12) An electronically available logo for the Entomological Society of America and another for the Society of Southwestern Entomologists (both on the cover)
- 13) Abstracts, required for student competition and optional for all others---included in this year's program
- 14) Floor plan of the Wyndham Hotel Convention Rooms

The format of this year's program was 8 ½" x 11" with 45 numbered pages and a 2-sided cover. With the NMSU discount, the cost for 150 copies of this program plus abstracts at FedExKinkos in Las Cruces was approximately \$2/copy, collated and stapled.

Although this year's Program Committee consisted of Me, Myself and I, special thanks go to:

- 1) Patrick Porter, TAMU in Lubbock, for his continued improvements of the SWBESA program data base;
- 2) Neal Lee, TAMU in College Station for quick uploads of the program onto the branch web site;
- 3) and David Thompson for fixing some of the format at crunch time and getting the copy to and from the printer.

Respectfully submitted,

Dr. Carol A. Sutherland, New Mexico State University

Public Information Committee:

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

Edmond Bonjour photographed many aspects of the 2004 meeting in Lubbock, Texas. A total of 39 digital images were taken at the Insect Expo and 111 images during the meeting for inclusion in the Branch Archives.

Faculty, students, and staff at Texas A&M University were involved in giving presentations on entomology to grade school students, judging local and regional science fairs, 4-H related activities, and training Master Gardener Entomologists. Scott Russell coordinated and conducted Insect Expo in conjunction with the annual meeting in Lubbock, Texas - attended by 1075 youth, 55 ESA Volunteers, and 17 Exhibitors. As part of the Expo, Paul Nester, Sherry Ellison, and many TAMU students guided school children in playing "Be An Ant Detective." This game is part of the educational packet KIDzANTS, which teaches the terminology, life cycle, and identification of ants. TAMU students also helped with activities at many other booths.

Pete Teel, John Jackman, Jim Olson, Ed Riley, Bill Ree, and Rebecca Hapes, along with many students and staff, organized and participated in many outreach activities for TAMU Entomology. On July 21, 2004 "Bugs, Bugs, and More Bugs" was presented at The Children's Museum in Bryan, Texas. Pete Krauter, Toghi Azizi-Babane, Sherry Ellison, Lucy Benavides, Brad Metz, and Sarah Sleeba introduced insects to children. About 40 children had the opportunity to hold, magnify, and pick up live insects with forceps; they looked at trays of local and showy insects, and made insect masks to wear. "Expanding Your Horizons," a science and engineering event for 6th grade girls, was held at TAMU. Jill Chantos, Catherine Zindler, Jill Millican, Brian Heintschel, and Sherry Ellison presented "Wings, Feet, and Antennae", an introduction to entomology. About 30 girls visited an insect zoo, learned about insect diversity, used microscopes to learn about morphology, and ran an experiment using termites! Pete Teel, Jim Olson, Hee Kim, Katrina Menard, Glene Mynhardt, and Sarah Sleeba discussed forensic entomology with prospective students. Ryan Kirkpatrick and Rebecca Hapes discussed entomology as part of the Vet Enrichment Camp. Others at TAMU, including Craig Coates, Julio Bernal, Alejandro Calixto, Kelly Felderhoff, Nino Brown, Donald Beasley, Phillip Matthews, H. A. Turney, Jaime Estes, Scott Lingren, Maggie Toothaker, and Lisa Doty discussed entomology and careers with children and prospective students.

Kerry Siders participated in Job Shadow Day and South Plains College Career Day to recruit scouts and entomology students, as well as the Hockley County Ag Awareness Day (4th graders) and Jr. Ag Awareness Day (pre-K - 2nd grade), presenting IPM to 1200 students. He also gave eight insect presentations to 5th graders at Levelland schools and provided training to Levelland Association of Day Care Providers on insects in the home. He also participated in Early Settlers Day to promote IPM and provide information on mosquito management and West Nile Virus to 500 people. Chris Sansone gave four presentations on entomology to 400 4th-6th graders in three Texas Counties. Scott Russell participated in "Kids, Kows and More," presenting the Insect Program to Terry County fourth graders as part of larger event and to the pre-school program, "The World Of Insects." He also participated in the Science Spectrum, Lubbock, Texas, Bug Bonanza and the Yoakum County Soil and Water Conservation District Conservation Jamboree. Tanya Pankiw discussed beekeeping with the Collin County Beekeeper's Association.

Roy Parker, Noel Troxclair and other TAMU faculty judged Regional Science Fairs representing the SWBESA. They, along with John Norman, were also involved in a high school career day for a large host

of schools from South Texas. Ryan Kirkpatrick, Kerry Siders, Bill Ree, Scott Russell and others trained students and assisted with 4-H Entomology ID and FFA contests. Carlos Bogran, John Jackman, and Mike Merchant delivered Master Gardener Entomology Specialist training to 24 Texas MG's- a week long classroom with field and hands-on training to develop capacity and involve MG's in Extension Entomology Educational and Demonstration Research Programs. Paul Nester set up displays at four home shows in Houston, offering information on fire ant management and other insect control/management, using Master Gardener volunteers to help. Over 600 people stopped at the displays to learn about fire ant control, or gain information on various insects. Paul also visited Woodlands 3rd grade classes to conduct the 'Ant Detective Game' and Houston's Tusley Park Children's Program teaching the use of identification keys for insects. After a discussion of dichotomous keys, and their use, kids were directed through the Ant Detective Game (KIDzANTS).

At Oklahoma State University, Andrine Morrison, the Outreach Program Coordinator, reached nearly 700 students and adults by giving presentations at Elementary Schools, OSU Education Talent Search, OSU Camp Outreach, Boy Scout Day Camp, Girl Scout Twilight Camp, and Cub Scouts. Andrine, along with assistance from other students including Matt Rawlings, Jesse Eiben, Doug Kuehl, and Justin Cordill, gave programs to the Wesley Foundation, Elementary Schools, Lane Ag Field Day, Audubon Society Day Camp and Nature Day, and River Bend Nature Park Bugfest! that reached nearly 1400 students and adults.

Several OSU personnel helped host the Insect Zoo during the "I" Wonder Fair on campus, at the Payne County Fair in Stillwater, and at the State Fair in Oklahoma City. These events attracted 2,500 persons, 1,500 persons, and 300,000 persons, respectively. Edmond Bonjour helped host 25 elementary students for "Let's Get Buggy" for an Education Outreach program through the College of Education. The Pesticide Safety Education Program promoted the ESA's Associate Certified Entomologist category to Oklahoma's Pest Control Association. They also provided a third grade class in Stillwater with the *American Entomologist* and other publications dealing with insects and arthropods.

Don Arnold, Richard Grantham, and Phil Mulder judged entomology entries at the Oklahoma City and Tulsa State Fairs. Don Arnold and Richard Grantham helped conduct the regional and state Insect Identification Contests.

Pat Bolin, OSU Interim IPM Coordinator, was actively involved with the Master Gardener program in twelve Oklahoma counties and gave presentations to nearly 300 master gardeners. She participated in ScienceFest which provided environmental education for 4,500 4th and 5th graders and she was the host of Pesticide Safety Bingo. Pat gave presentations about pests to Garden Shows in Shawnee, Tulsa, Grove, and Payne County which reached nearly 1,200 people. She also gave pest presentations to the Oklahoma Horticultural Society and a Homeowner Association that reached 22 people.

During 2004, nearly 500 students completed the Insects and Society class which was taught by retired extension entomologist Ken Pinkston. These students continue to adorn the OSU Department hallways with their artwork.

Edmond Bonjour wrote newspaper articles for the Stillwater NewsPress about Dr. Phil Mulder receiving the Distinguished Achievement Award in Extension from ESA and about Doug Jones

receiving the John Henry Comstock Graduate Student Award for the Southwestern Branch. The article about Dr. Mulder has still not been published. Information about Doug's award was also sent to his hometown newspaper in Mannford, Oklahoma, and his alma mater, Henderson State University in Arkadelphia, Arkansas. Information about Dr. Mulder's award was also sent to his alma maters: Ferris State College in Big Rapids, Michigan, and Iowa State University.

Staff at the Arthropod Museum at New Mexico State University conducted numerous outreach programs at the Museum or nearby. The staff includes David Richman, Curator, and Greg Forbes, Curatorial Assistant. Displays and presentations were made to students from more than nineteen pre-school, elementary, middle, and high schools from southern New Mexico and western Texas. New Mexico schools were located in Las Cruces, Hatch, Truth or Consequences, San Miguel, Berino, and Capitan. West Texas schools were located in El Paso and Canutillo. International visitors included scientists from Dresden, Germany, and Juarez, Chihuahua, Mexico.

Displays and presentations were also made for the Rio Grande Bosque Field Day, Mesilla Park Health and Science Fair, Native American Career Day, Spring Visitor's Day, Aggie Experience at NMSU, 7th Annual School to World Conference in Albuquerque, Chihuahuan Desert Expo, Earth Day, Visitor Days at Oliver Lee State Park and City of Rocks State Park, and the Museum's Open House. These school-related activities reached at least 4900 pre-school-12th grade students. The Open House attracted nearly 100 members of the general public. In addition, arthropod displays were set up for the Southern New Mexico State Fair in Las Cruces and the Southwestern New Mexico State Fair in Deming for an estimated 11,000 visitors.

Carol Sutherland took drawers of arthropods, natives and exotics, for display in presentations for Master Gardeners in Las Cruces, Lovington, Alamogordo, Los Lunas, Albuquerque, Rio Rancho, Santa Fe, and Farmington for 30 viewers. She also took drawers to Certification and Training Workshops for the state's pest control operators at sessions in Las Cruces, Farmington, Albuquerque, Hobbs, and Los Lunas for another 500 viewers. Materials from the museum were also used by Greg Forbes, Scott Bundy, David Thompson, and others to give presentations to hundreds of students around the state. Additional activities included the FFA State Contest for 140 contestants, 4-H district contests, and 4-H State Contest for 17 contestants.

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

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

Resolutions Committee:

Committee Members: Bill Ree – Chair, John George, Stan Carroll, Allen Knutson

Resolution No. 1.- **Whereas**, the **53rd** 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: **Phillip Mulder, Bastiaan Drees, David Thompson, Greg Cronholm, John Burd and Marvin Harris. 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 **Carol Sutherland**, the Local Arrangements Committee co-chaired by **Scott Bundy and Mike English** 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 **Michael Ivie**. and Southwestern Branch Governing Board Representative **Marvin Harris** 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 and 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 team of the Linnaean Games.

Resolution No. 5. **Whereas**; Agriliance (Lupe Carraso), Bayer Crop Science, DuPont Crop Protection, Entomology Consulting (Matt Lee), FMC Corporation, Monsanto Syngenta, Trece Inc., U.A.P. Southwest, Dow AgroSciences and Bayer Crop Science (Julie Dingus) and Dr. Ann Wiese, provided funds for Branch Functions; **Be it resolved** that the Branch membership express thanks and appreciation to the 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 **Phil Mulder** express written appreciation to the management and staff of the Wyndham 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**, the Necrology report given by Dr. Jim Reinert reported the passing of: Reynold G. Dahms, Patti J. Elzen, Kenneth Herbert Karner, Burruss McDaniel, Dr. Roger W. Meola, Daniel S. Moreno, Michael J. Rose, Wayne Showers, Charles Ward and Curtis E. Williams, **Be it resolved** tht the Society members pay their respect with a moment of scilence.

Resolution No.9 - (submitted by Dr. Frank Gilstrap) **Whereas** the Southwest Branch has a strong commitment to routine used of the web to transact Branch business and where as the ESA headquarters office is revising the ESA website and **Whereas** the ESA Governing Board at the SLC meeting inquired of ESA Branch leadership regarding Branch needs that might be met by headquarters, **Be it resolved** that the SW Branch requests the SW Branch representative to the ESA governing board pursue use of the ESA website for SW Branch meeting E-Commerce in 2006.

Site Selection Committee:

Attending:

Greg Cronholm, Chair
James Reinert
Bart Drees
Davie Thompson

Absent:

Scott Ludwig

The committee met to discuss the site for the 2007 annual meeting. It was decided that the meeting should be in south Texas. Corpus Christi was chosen because it had been the site of successful meetings in the past and it usually has a good attendance. Some concerns were costs and ease of access. David Thompson and local arrangements personnel will pursue this alternative. It was also decided that we should begin picking sites two years in advance to make it easier to make arrangements especially in the more popular markets. Fort Worth/Dallas was presented as a location for the 2008 meeting.

Submitted by Greg Cronholm
March 3, 2005

Student Affairs Committee:

Those in Attendance:

Paul Smith (chair), New Mexico State University
Sarah Donelson, Oklahoma State University
Maggie Toothaker, Texas A&M University
Kenneth Brown, Oklahoma State University
Amanda Hodson, University of New Mexico

Our major charge this year was to finalize the SOP for membership and service to this committee. We successfully discussed the major points and Paul Smith will route the final copy to the members and ultimately submit the final copy to the SWB ESA president. Paul Smith, New Mexico State University and Alejandro Calixto, Texas A&M University are serving as co-chairs of the Student affairs committee for the next year.

Student Research Paper and Poster Awards Committee:

The Committee met on Monday evening, 28 February 2005 and were sent e-mails by the committee Chair at other times during the year.

Students entered in the competition were sent e-mails with copies of the judging forms and guidelines for preparing oral or poster presentations. Forms completed by the judges will be given to the students.

A total of 15 presentations were entered in the competition:

Oral Presentations – 4 Master’s and undergraduate, and 2 Ph.D. students
Poster Presentations – 7 Master’s and undergraduate and 2 Ph.D. students

Each student was required to write an abstract of his research. The abstracts were printed in the booklet of Proceedings for the meeting.

Student award winners for 2005 were:

Master’s Oral Presentation First Place – Beth Petersen, New Mexico State University
Master’s Oral Presentation Second Place – None
Master’s Oral Presentation Third Place – None

Ph.D. Oral Presentation First Place – Kishan Samabaraju, Oklahoma State University
Ph.D. Oral Presentation Second Place – None
Ph.D. Oral Presentation Third Place – None

Master’s Poster Presentation First Place – Howard Beuhler, New Mexico State University
Master’s Poster Presentation Second Place – Charles Konemann, Oklahoma State University
Master’s Poster Presentation Third Place – Sean O’Donnell, New Mexico State University

Ph.D. Poster Presentation First Place – C. Jerry Bowen, Oklahoma State University
Ph.D. Poster Presentation Second Place – None
Ph.D. Poster Presentation Third Place – None

Committee members for 2005 were:

Bonnie Pendleton, Chair
Richard Berberet
Robert Bowling
Roxanne Bowling
Scott Bundy
Jack Dillwith
Miles Karner
Jerry Michels
Megha Parajulee
Jane Pierce
Jeff Tomberlin

Spouse, Guest, and Retiree Committee:

Thanks go to Russ Wright for making suggestions for visiting Old Town, Museums and the Sandia Peak Tramway and for driving the Oklahoma State University van. Pat Morrison grew up in this area – thank you for being a tour guide! Ann Wiese and Gary Schwartlose with Bayer provided financial support for the continental breakfast and for goodie bags. The biggest thank you for all participants who made the program a success! The next action for the committee is to review the current SOP, update and send results to Bart Drees.

Respectfully submitted,

Ann Wiese, Russ Wright and W. Pat Morrison

Youth Science Development Committee:

The following is a summary of activities conducted by or through efforts of the members of the SWB/ESA Youth Science Development Committee, during 2004:

Dr. Scott Bundy is the state coordinator for science fair judging in New Mexico and he reported that he sent letters to seven science fairs. Two science fairs, with one winner each, were judged in New Mexico during 2004.

Dr. Phil Mulder is the state coordinator for science fair judging in Oklahoma and he also reported that two science fairs, with one winner each, were judged during 2004.

Noel Troxclair is the state coordinator for science fair judging in Texas. Four science fairs were judged in Texas, with a total of five winners, in 2004.

Each student winner received a certificate and an entomology book as an award (Peterson Field Guide to Insects). In addition to the other awards, Dr. Mo Way generously awarded a monetary award of \$150.00 each, to the two winners of the science fair that he judged in Houston.

In New Mexico, Oklahoma and Texas, a total of eight science fairs with eight divisions were judged and nine awards were presented through the Youth Science Development Committee of the SWB/ESA program.

While not falling under the purview of the Youth Science Development Committee's regular activities, Dr. Roy Parker reported that he judged a science fair with 8 classes in his Extension District and gave a book, a plaque and certificate to the winner.

I want to recognize and thank Dr. Vernon Langston and Dow AgroSciences for generously providing the books for the 2004 and 2005 awards. Additionally, Dow AgroSciences is recognized and thanked as the sponsor for the books for the last five years.

Finally, but not least, I want to thank each and every member of the committee, the state coordinators and the judges for each of the fairs judged. It is only through everyone's help and involvement that the science fair judging program is able to continue.

Respectfully submitted,

Noel Troxclair
Youth Science Development Committee Chair

Old Business: The draft constitution and bylaws will be posted on <http://swe.tamu.edu> and members will be contacted to review them and provide comments during a period prescribed by incoming President Bart Drees before voting. Dr. Burd reported on the progress of establishing and/or editing The Standard Operating Procedures (SOPs) for all committees. We are still missing several SOPs;

however, as soon as these are made available they will be presented to the membership for approval and comment.

The society's website will evolve over the next 3 to 4 years. The module developed in 2003 under the direction of Dr. Pat Porter to acquire electronic submissions of paper and poster titles, generate the program and proceedings, will require further development and refinement at a cost to the Branch (pull down menu for organization; e-mail feature for website update announcements; links to sponsors' websites; award winner page; student bulletin board; no credit card utilization anticipated next year). The main Branch web page will continue to be developed through a contract with Neal Lee and be hosted by the TAMU Department of Entomology. After a call for additional nominations and a voice vote, Bonnie Pendleton, West Texas A&M University, Canyon, TX was elected as the 2006 Secretary-Treasurer Elect of the SWB ESA.

Procedures and policies regarding nominations Fellow and honorary memberships to ESA were discussed and it was agreed that every effort should be put forward to nominate outstanding members from our branch.

New Business:

The gavel was passed to incoming President Drees, who acknowledged Dr. Mulder's efforts over the past year(s), and announced next year's meeting to be held in Austin, Texas (Mar. 2006). Local arrangements will be made by Elizabeth "Wizzie" Brown, and Noel Troxclair will serve as program chair. Pres. Drees appealed to the membership to get involved and put out a special plea to the committee chairs to finish the SOPs.

Respectfully submitted,

David C. Thompson
2005 Secretary/Treasurer, Southwestern Branch, ESA