

2008

92nd Annual Meeting, 2008. Secretary's Report and Financial Statement

Academy Editors

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JOURNAL ARKANSAS ACADEMY OF SCIENCE

Annual Meeting 11-12 April 2008
Henderson State University

Joyce Hardin
President

Scott Kirkconnell
President-Elect

Jeff Robertson
Secretary

Mostafa Hemmati
Treasurer

Mostafa Hemmati
JAAS Editor-in-Chief

Collis Geren
Historian

Secretary's Report MINUTES OF THE 92ND MEETING

ARKANSAS ACADEMY OF SCIENCE
92st ANNUAL MEETING
SUMMARY OF 1st and 2nd BUSINESS MEETINGS
Henderson State University
April 11-12, 2008

Undergraduate Poster

1st Place: Russell Cline, 2nd Place: Wes Greer

Graduate Poster

1st Place: Karen Vale

1. Collis Geren, President of the AAS called the meetings to order.
2. Local Organizing Committee: The LOC chair, Renn Tumblison reported that the meeting had 160 registered participants. There were 83 oral and 49 poster presentations. Brett Serviss announced the student awards with special thanks to the faculty judges:

Undergraduate Physical Science

1st Place: Paul Minor, 2nd Place: Jason R. Robison,
3rd Place: Jerakaycia D. Boman

Graduate Physical Science

1st Place: Allan Thomas

Undergraduate Life Science

1st Place: Allicia Kellogg, 2nd Place: Jerred Caskey

Graduate Life Science

1st Place: C. Brian Caldwell, 2nd Place: Jacy L. Wagnon, 3rd Place: Lauren P. Blair

Undergraduate Environmental Science

1st Place: Nicole Freeman, 2nd Place: April Helms,
3rd Place: Michael Gilbert

Graduate Environmental Science

1st Place: Tiffany A. Whitsitt,
2nd Place: Nathan J. Wentz

3. Secretary/Newsletter Editor/Webmaster: Jeff Robertson: Minutes from the 2007 November Executive Committee meeting were distributed and minutes from the 2007 April membership business meetings were distributed for review and accepted. There are currently 125 AAS members, 47 of which are life members. The current public portal website is paid for through 2017 (<http://www.ArkansasAcademyofScience.org>).
4. Treasurer/Auditor: Mostafa Hemmati: The "books" maintained by the Academy Treasurer were reviewed by members of the Executive Committee and found to be good financial records kept with excellent integrity and showing no inconsistencies or irregularities with only an \$11 imbalance hardly worth mentioning (The financial status of the Academy is in an Appendix found elsewhere in this JAAS volume for review). A request for ~\$100 to prepare taxes for the Academy has become necessary with new tax law.
5. Historian: Henry Robison: The AAS annual meeting this year at Henderson State University will be the 92nd meeting of the AAS and the 6th time at HSU. HSU previously hosted the meeting in 1935, '41, '68 (jointly with OBU), '82, and '93). This is the first time it has been held jointly with the Arkansas Undergraduate Research Conference. Henry Robison is stepping down after 25 years of service as the AAS historian.

Secretary's Report

6. Nominations Committee: Mostafa Hemmati: The committee submitted candidates for Historian (Collis Geren) who was elected by acclamation and ballots were cast for Vice-President between Jeff Robertson and Derek Sears. Jeff Robertson was elected to serve and will be President-elect in 2009 and President in 2010.

7. Journal Editor-in-Chief: Stan Trauth: Reported that the printing of Volume 61 went smoothly this year. I continue to use Bank and Business Solutions, 1208 Falls Street, Jonesboro, AR 72401, as the publisher of the Journal. Roger Williams can be reached via office (1.800.442.2108) phone. His on-line address, www.prinformance.com, can be accessed for purchasing CDs and PDFs of Journal articles. Volume 61 encompassed a total of 146 pages and included 16 feature articles and 7 general notes. A total of 195 copies were produced at a cost of \$8,196.84. I provided revised manuscripts to the Williams' publishing team (BBS) via CDs and hard copies from early October to late December, 2007. PDFs were generated for each accepted manuscript by Jeremy Baker of BBS and provided to me from late January to early March, 2008. The submission of the PDFs as galley proofs greatly expedited the editing process. The final galley proof of the Journal was printed during the first week of April. I received Volume 61 on April 7, 2008. Address labels for current membership were placed on copies April 9.

As I depart the Editor-in-Chief's position, I wish to thank all AAS officers and the general membership for supporting my efforts over the years to produce the highest quality journal possible. It has truly been a memorable experience. I especially want to thank Joy Trauth for her dedication as the Assistant Editor. She read EVERY MANUSCRIPT published during the past 15 years. She can also be credited with a majority of the work related to updating the recent Instructions for Authors and Publications Policies for the Journal. And finally, I request that the AAS continue support of \$600 for the Editorial Assistant position and \$200 to the Editor-in-Chief for assorted publishing expenses with \$700 for the Managing Editor.

8. Journal (JAAS) Managing Editor: Chris T. McAllister: There were 29 manuscripts submitted (for comparison 37 were submitted last year, a decrease of 22%) for consideration of publication in volume 61 (2007) of the JAAS at the ATU-

Russellville meeting in April 2007. Not all papers were sent out for review. Three papers (10%) fell under the category of Science Education and returned to author(s) with a friendly explanation letter stating that JAAS currently doesn't publish these types of papers. Both Managing Editor and Editor-in-Chief were in agreement on this matter.

Twenty-six papers were sent out in early summer to reviewers and Assoc. Editors and returned between July-September 2007. There was some tardiness in getting back a couple of reviews, as usual. A couple of reviewers did not send back a review at all so one of the Editors served as a reviewer. However, the review process proceeded nicely and papers were processed in a timely manner, much better and faster than in years past!—isn't that the way it is supposed to be in your last year of editorship? An Asst. Editor read mss. for style, grammar, format, etc. Authors were then contacted via letter by me in August or September 2007 as to whether their paper was accepted tentatively and needed minor or major revision or whether their paper was outright rejected. Of the papers sent out for peer review, two (8%) were outright rejected. There were several that required little revision (minor revision) while others required major revisions. In two cases, one reviewer suggested rejection while the other suggested either minor or major revision. In those cases, the Managing Editor made the call to accept those papers pending major revision. Three papers originally submitted as feature articles were suggested to reduce them to general notes. Authors were asked to turn the revision around in 48-72 hours, and send back to Dr. Trauth, Editor-in-Chief, by late September, preferably by overnight mail. As noted, two papers were outright rejected. These did not report any new information or were in need of additional supportive data. All reviewers noted this important necessity and I concurred. In the end, they simply did not report any new or publishable data. During Jan-Feb. 2008, I received PDF's of papers to be published in the journal. I made initial corrections and forwarded them on to authors for their revisions/corrections. Authors were asked to make a quick turnaround and send that on to Dr. Trauth within 48-72 hrs. Two authors never sent PDF's to Stan for processing. Stan Trauth received corrected PDF's from authors and made final corrections before forwarding those on to the printer in Jonesboro. See volume 61 of the JAAS for a breakdown of papers published.

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Thanks to the following Associate/Assistant Editors for their help in processing mss for volume 61: Dr. Robert Engelken, ASU, Dr. Joy Trauth, ASU, (and 46 anonymous reviewers!)

I want to thank everyone for their support during my tenure (2003-2007, volumes 57-61) as Managing Editor of JAAS. It has been a pleasure working as a two-man editorial "team" with Stanley Elwood Trauth and I am glad to have been of service to the Academy during this time. This meeting is especially important as my initial membership in AAS was 30 years ago in 1978.

9. Arkansas Science Fair Association: Mark Bland: The State Science Fair was held April 4-5, 2008 at UCA with 222 students from 28 different H.S. registering to present 209 projects evaluated by 60 judges. A summary listing of awards in each category was presented to the Academy. A request of \$400 to support student awards was made on behalf of the State Science Fair Association.
10. Junior Academy of Science: Nolan Carter: The time frame of our two meetings makes logistics a bit difficult to coordinate having the AJAS winner present, since the AJAS winner is selected less than one week prior to the AAS meeting. A permanent time slot should be reserved in the future at each annual AAS meeting for this purpose. I could talk to the first place winner at the AJAS awards ceremony to make arrangements. If the first place finisher is unable to present, I would give the opportunity to the second or third place finisher. The AJAS award winner should receive an invitation from the AAS president each year.
11. Arkansas Science Talent Search: Will Slaton: no report
12. Junior Science and Humanities Symposium: Linda Kondrick: The 42nd Arkansas Junior Science and Humanities Symposium is scheduled for March 14, 15, and 16, 2008. We are once again asking for a pledge of support from the Arkansas Academy of Science in the amount of \$100.00

The National JSHS Office supports five students and the director to attend the National JSHS program, which will be held April 30 - May 4, 2008 in Orlando, Florida. Because of the generosity of our local contributors, like AAS, Arkansas is able to send a sixth delegate to this

informative and inspirational five-day program. Our students always come home with a new vision for the opportunities that await them in a science, math, and engineering careers.

The support of the Arkansas Academy of Science has also encouraged the presentation of original research in poster format at the regional symposium held at ATU. Because of your support we are able to offer small cash awards for up to 12 winners in our research poster session. This event encourages many more students to participate in the three-day symposium and all of its educational activities than would otherwise attend.

Thanks again to the AAS for help in making Arkansas JSHS an unqualified success year after year. We are counting on your continued support of this very fine program that encourages and rewards science students and teachers here in Arkansas.

13. Committee Reports: Biota Committee: Doug James: I have finally found a graduate student who seems likely to stick with the project, which involves inspecting and making corrections needed on the scanned version of Leo's hard copies of the lists. A former student of mine did all the scanning and cleaned up 12 lists. The present student wants to work over the summer. We have made arrangements with the web master for the Department of Biological Science, University of Arkansas, to install the lists on the departmental home page. The 12 lists indicated above will be there by the end of May 2008. All 49 of Leo's lists will be there by the end of summer 2008.

I still have \$234 left from the appropriation the Academy gave the Biota Committee some time ago, used for funding the progress to date. This may be enough to cover the rest of the lists, but I am not sure. If possible, an added \$200 would be welcomed. Any sums remaining would be used to insert the two or three new lists that have been submitted, and of course in recent years there have been new list and revised lists published the Journal. These have to be processed too.

The scheme is to get everything on the web and contact the various experts who first submitted the lists to inspect them for accuracy and currency. This activity will require use of the funds to make revisions.

Secretary's Report

I'm making a stab at how to title the list on the web page. My preliminary attempt is as follows.

The Arkansas Academy of Science
ARKANSAS BIOTA SURVEY

A project initiated by and now dedicated to the late
Leo J. Paulissen

Present Curator: Douglas A. James
Department of Biological Sciences
University of Arkansas
Fayetteville, AR 72701
Tel: 479-575-6364
Fax: 470-575-4010
E-mail: djames@uark.edu

The Biota Survey consists of a collection of
checklists of biotic taxa occurring in Arkansas.

a. Development Committee: Betty Crump: The
development committee reported on issues and
ideas they have for two major goals, 1) recruitment
and membership in the AAS, 2) increasing annual
funding to support new initiatives and seek
sponsorship opportunities. In addition a check for
\$1,000 was presented to the AAS from the
Ouachita National Forest towards continued
development of the AAS, with a commitment of
\$1,000 annually (as their budget allows). More
institutional sponsors are solicited.

b. AAAS: Mostafa Hemmati reported that 4
students benefited from memberships to the
AAAS, 2 H.S. and 2 college students received 1
year memberships on behalf of the Academy and
will receive certificates as well as Science
magazine.

14. New Business:

a. The entire contents of all previous editions of the
JAAS have now been completely scanned under
the initiative of Collis Geren and the UA library
with a special recognition to Judy Ganson.

b. The JAAS Editor-in-Chief and Managing Editor
jobs are going to be directed by Mostafa Hemmati,
Ivan Still and Jeff Robertson for the upcoming
journal. It is anticipated that Ivan Still and other
players to be named later will handle managing
editor duties as co-editors with Ivan Still
eventually taking command as Editor-in-Chief.
Mostafa Hemmati presented the new author
instructions that will facilitate e-publishing and
reduce the journal publication costs. A vote of

confidence in publishing the journal this year was
given to Mostafa Hemmati by the membership.

c. The announced dates of the 93rd Annual meeting
as April 3-4, 2009 on the University of the Ozarks
campus in Clarksville, Arkansas. Locations for
2010 (April 9-10) and beyond are solicited. Did
someone say UACCB? Or perhaps there was an
“amen” in the back from UALR?

d. An annual budget (not including costs directly
associated with JAAS publication and the Annual
Meeting expenses) was presented to the
membership and approved. This included \$4,150
for:

I. Sponsored Student Awards for AAS affiliations

1. Arkansas Science Talent Search (Will Slaton)
\$150
2. Arkansas State Science Fair Association
(Mark Bland) \$ 400
3. Arkansas Academy of Science annual meeting
student awards \$1,400
4. Arkansas Junior Academy (Nolan Carter) \$250
5. Junior Science and Humanities Symposium
(Linda Kondrick) \$100

II. Correspondences:

1. JAAS Managing Editor and Associate Editors
\$500
2. Editor-in-Chief and Editorial Assistant \$800
3. Secretary \$200
4. Newsletter \$100

III. Miscellaneous

1. Biota Committee \$200
2. Treasurer (tax preparation) \$100

TOTAL \$4,200

e. AAS adopted the statement on evolution by
AAAS that is posted on our website.

f. President asked that the AAS be more involved
in consulting and being available to the legislature
when and where appropriate.

g. Resolutions for the annual meeting were read to
the membership (see Resolutions).

h. A motion to modify the publication guidelines of
the JAAS to include Science Education Research
was presented, discussed and tabled. Executive
Committee to discuss the particular paper rejected

Arkansas Academy of Science

this year at fall meeting and present motion at next spring meeting for full discussion.	Unrestricted Bank of the Ozarks, Russellville, AR Maturity Date 5-12-09	\$6,397.71
15. Awards were presented to Joy and Stan Trauth for their years of service with the JAAS, to Henry Robison for his 25 years as Historian and to outgoing President Collis Geren.	Short Term CD Bank of the Ozarks, Russellville, AR, 10-1-08 Maturity Date 1-27-09	\$4,082.53
16. Closing: New president Joyce Hardin accepted the ceremonial gavel from outgoing president Collis Geren making him Past-president, Scott Kirkconnell President-elect and Jeff Robertson Vice-president.	Short Term CD Bank of the Ozarks, Russellville, AR, 10-1-08 Maturity Date 2-27-09	\$9,025.69
	Combined Interest (October 1, 2008)	\$1,205.76
Meetings adjourned.		
Jeff Robertson, AAS Secretary	Total	\$53,787.07

**ARKANSAS ACADEMY OF SCIENCE
2009 FINANCIAL STATEMENT
October 15, 2008**

Balance – October 15, 2008	\$53,787.07
Balance – January 2, 2008	\$43,000.06
Net Gain	\$10,787.01

DISTRIBUTION OF FUNDS

Checking Account Bank of the Ozarks, Russellville, AR, 10-1-08	\$5,283.60
Certificate of Deposit	
Life Membership Endowment, Bank of the Ozarks, Russellville, AR, 10-1-08 Maturity Date 11-11-09	\$14,431.03
Dwight Moore Endowment Bank of the Ozarks, Russellville, AR, 10-1-08 Maturity Date 8-11-08	\$5,896.74
Phoebe and George Harp Endowment Bank of the Ozarks, Russellville, AR, 10-1-08 Maturity Date 5-12-09	\$7,464.01

INCOME:

1. ANNUAL MEETING	\$3,148.11
2. ENDOWMENT	\$100

3. GIFT RECEIVED	
a. Betty Crump	\$50
b. USDA Sponsorship	\$1,000

	\$1,050
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4. INTEREST
(Interest Earned Year to Date, October 1, 2008)

a. Checking Account	\$4.09
b. CD (added to the Checking)	\$85.14
c. CD	\$403.98
d. CD	\$199.18
e. CD	\$222.71
f. CD	\$190.89
g. CD	\$74.08
h. CD	\$25.69

\$1,205.76

5. JOURNAL

a. Subscription (40 copies)	\$2,000
b. Page Charges	\$12,966.67

\$14,966.67

6. JOURNAL CONTRIBUTION

\$200

Secretary's Report

7. MEMBERSHIP

a. Associate	\$15
b. Individual	\$2,240
c. Life	\$375
d. Sustaining	\$35
	\$2,665.00

8. MISCELLANEOUS INCOME

a. Check from David Davies	\$74.24
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TOTAL INCOME **\$23,409.78**

EXPENSES**1. STUDENT AWARDS**

a. Paul Minor	\$100
b. Jason Robison	\$50
c. Jerakaycia Boman	\$50
d. Allan Thomas	\$100
e. Allicia Kelog	\$100
f. Jerred Caskey	\$50
g. Brian Caldwell	\$100
h. Jacy Wagnon	\$50
i. Lauren Blair	\$50
j. Nicole Freeman	\$100
k. April Helms	\$50
l. Michael Gilbert	\$50
m. Tiffany Whitsitt	\$100
n. Nathan Wentz	\$50
o. Russell Cline	\$50
p. Wes Greer	\$25
q. Karen Vale	\$50
	\$1,125

2. AWARDS

a. Junior Science and Humanities Sym.	\$100
b. Arkansas State Science Fair	\$400
c. Arkansas Junior Academy of Science	\$250
d. Arkansas Science Talent Search	\$150
	\$900

3. JOURNAL EXPENSES

a. Journal Expenses – Stan Trauth	\$200
b. Vol. 61 Printing Cost	\$8,196.84
c. Journal Mailing Cost – ATU	\$142.60
d. Journal Digitalization Cost	\$4,540
e. Journal Editorial Cost	\$800
f. Journal Mailing Cost, Jeff Robertson	\$25.25
	\$13,904.69

4. NEWSLETTER **\$57.81**

5. MISCELLANEOUS EXPENSES

a. Total Cost of Five Plaques	\$244.17
b. Mailing Cost	\$15.06
c. Annual Dues, National Academies	\$64.10
	\$323.33

6. TRANSFER TO CD (\$9,000 - \$5,000) **\$4,000**

TOTAL EXPENSES **\$20,310.83**

Arkansas Academy of Science

APPENDIX A

2008 AAS Presentation Award Winners

GRADUATE STUDENT AWARDS

Poster Awards

1st Place: Karen Vale / UAM
Territoriality of male swamp rabbits (*Sylvilagus aquaticus*) in southeastern Arkansas.

Oral Presentation Awards

Graduate Environmental Science

1st Place: Tiffany A. Whitsitt / UAM
Small mammal community dynamics on a wetland restoration site in southeastern Arkansas

2nd Place: Nathan J. Wentz / ASU
Mussel inventory and population status of the Federally endangered *Potamilus capax* (Green 1832) in the Tyronza River, Arkansas

Graduate Life Science

1st Place: C. Brian Caldwell / UAMS
Angiographic variations in the Circle of Willis in the New Zealand white rabbit

2nd Place: Jacy L. Wagon / UAMS
Processed mRNA, regulated by P38 kinase and ATF/CREB proteins, is required for hotspot meiotic recombination

3rd Place: Lauren P. Blair / UAMS
Using mass spectrometry to elucidate the structure of bacteriophage T4 helicase DDA

Graduate Physical Science

1st Place: Allan Thomas / UALR
Li Doped ZnO Nanowires Grown By a Low Temperature Electrochemical Process

UNDERGRADUATE STUDENT AWARDS

Poster Awards

1st Place: Russell Cline / UCA
Thickness determination using Rutherford backscattering of alpha-particles

2nd Place: Wes Greer / UA
Creating tools to study immunity in *Candida albicans*

Oral Presentation Awards

Undergraduate Environmental Science

1st Place: Nicole Freeman / HSU
A continuing investigation into the occurrence, establishment, and biology of seven, non-native, woody angiosperms in southwestern Arkansas

2nd Place: April Helms / HSU
Effects of indigenous communities and agriculture on coral reef composition in the western Gulf of San Blas, Panama

3rd Place: Michael Gilbert / UAM
Accuracy assessment of recreational and mapping grade GPS units in three different landscapes

Undergraduate Life Science

1st Place: Allicia Kellogg / UCA
Investigating the link between trichome and prickly development in *Rubus*

2nd Place: Jerred Caskey / SAU
Cretaceous sharks of southwest Arkansas

Undergraduate Physical Science

1st Place: Paul Minor / ASU
Organic chemical bath deposition of indium (III) sulfide

2nd Place: Jason R. Robison / UALR
Computer simulation of electrodynamic screens

3rd Place: Jerakaycia D. Boman / ATU
Synthesis and characterization of hydroxyapatite biomaterials

Secretary's Report

**APPENDIX B
RESOLUTIONS**

**Arkansas Academy of Science
92nd Annual Meeting, 2008 Resolutions**

Be it resolved that we, the membership of the Arkansas Academy of Science, offer our sincere appreciation to Henderson State University for hosting the 92nd annual meeting of the Arkansas Academy of Science, this year held jointly with the annual meeting of the Arkansas Undergraduate Research Conference. We thank the Local Arrangements Committee: Chair Dr. Renn Tumblison, Chair for AURC Dr. Marty Campbell, and Drs. Bray, Dunn, Engman, and Serviss; also the dedication of the webmaster, Kristen Benjamin, and support by Anna Smith and all of the student workers and staff, who collectively contributed to such a successful meeting. Appreciation is expressed for the use of these superior meeting facilities at Henderson State University, and the hospitality shown to us by HSU personnel. We especially thank our Keynote Speaker, Dr. Jeremy B. C. Jackson for his engaging keynote address which could have had the title, "The Triumph of Britney Spears", but, in fact, was entitled "Brave New Ocean" We thank Henderson State University for its donations to the Social and Banquet, which were both excellent and thoroughly enjoyed by all. We thank HSU President Dr. Charles Dunn for hosting the AAS and his welcome.

The Academy recognizes the important role assumed by Session Chairs and expresses sincere appreciation to: Mostafa Hemmati: Physics I chair, Wray Jones: Chemistry I chair, Allen Leible: Biomedicine I chair, Thomas Smith: Botany and Aquatic Biology chair, Jeff Robertson: Physics II chair, Janice O'Donnell: Chemistry II chair, Chris Guyer: Vertebrate Zoology and Environmental Science chair, J. D. Swanson: Botany II chair, Daniel Bullock: Physics III chair, Brett Serviss: Chemistry III chair, Troy Bray: Invert. Zool I chair, Henry Robison: Vert. Zool II chair, Charles Wu: Biomedicine II chair, Anwar Bhuiyan: Science potpourri chair, Henry Robison: Invert. Zool. II chair. We also recognize the contributions of the Judges who facilitate student participation and awards, in particular Brett Serviss, coordinator of judging and awards determinations who directed the efforts of judges Mohammed Akhter, Floyd Beckford, Betty Crump, Jim Duke, Maralea Gourley, Joyce Hardin, Shahidul Islam, Salomon Itza, Grover Miller, Jeff Robertson, and Benjamin Rowley.

We gratefully acknowledge the various directors of the science and youth activities which are supported or supervised by the Academy: Betty Crump, Development; Tillman Kennon, Science Education Committee; William Slaton, Arkansas Science Talent Search; Nolan Carter; Junior Academy of Science; Mark Bland, Arkansas Science Fair; and Linda Kondrick, Arkansas Junior Science and Humanities Symposium. We wish to thank all those who served as directors at Regional Science Fairs and Junior Academy Meetings.

We very much appreciate Jeff Robertson for maintaining the Academy website.

We congratulate all who presented papers and posters at this meeting. Student participants are especially recognized since their efforts contribute directly to the future success of the Academy and the improvement and advancement of science in Arkansas. We thank the Arkansas Environmental Federation for supporting the student competition.

The continued success of the Academy is due to its strong leadership. We offer sincere thanks to our officers for another excellent year: Collis Geren (President), Joyce Hardin (President-Elect), Scott Kirkconnell (Vice-President), David Saugey (Immediate Past-President), Stan Trauth (Past-President), Jeff Robertson (Secretary), Mostafa Hemmati (Treasurer), Stan Trauth (Journal Editor-in-Chief), Chris McAllister (Journal Managing Editor), Jeff Robertson (Newsletter Editor), and Henry Robison (Historian).

Respectfully submitted this 12th day of April, 2008.

Resolution Committee
Scott Kirkconnell, AAS Vice President
Renn Tumblison, Local Organizing Chair
Jeff Robertson, AAS Secretary

Arkansas Academy of Science

2008-2009 MEMBERSHIP

LIFE MEMBERS

FIRST MI.	LAST NAME	INSTITUTION
Edmond J.	Bacon	University of Arkansas-Monticello
Vernon	Bates	Ouachita Mountains Biological Station
Floyd	Beckford	Lyon College
Wilfred J.	Braithwaite	University of Arkansas-Little Rock
Calvin	Cotton	Geographics Silk Screening Co.
Betty	Crump	Ouachita National Forest
James	Daly	University of Arkansas for Medical Sciences
Mark	Draganjac	Arkansas State University
Jim	Edson	University of Arkansas at Monticello
Daniel R.	England	Southern Arkansas University
Kim	Fifer	University of Arkansas for Medical Sciences
Linda	Gatti-Clark	Hendrix College
Collis	Geren	University of Arkansas-Fayetteville
Anthony	Grafton	Lyon College
Ronald	Javitch	Natural History Rare Book Foundation
Scott	Kirkconnell	Arkansas Tech University
Roger	Koepppe	University of Arkansas-Fayetteville
Roland	McDaniel	FTN Associates
Grover	Miler	University of Arkansas for Medical Sciences
Dennis	Richardson	Quinnipiac College
Jeff	Robertson	Arkansas Tech University
James H.	Fribourgh	University of Arkansas-Little Rock
Arthur	Fry	University of Arkansas-Fayetteville
John	Giese	Ark. Dept. of Env. Qual. (ret)
Walter	Godwin	University of Arkansas-Monticello
Joe M.	Guenter	University of Arkansas at Monticello
Joyce	Hardin	Hendrix College
George	Harp	Arkansas State University
Phoebe	Harp	Arkansas State University
Gary	Heidt	University of Arkansas-Little Rock
Mostafa	Hemmati	Arkansas Tech University
Douglas	James	University of Arkansas-Fayetteville
Arthur	Johnson	Hendrix College
Cindy	Kane	University of Arkansas for Medical Sciences
Donald	Mattison	March of Dimes National Office
Herbert	Monoson	Ark. Science & Technology Authority
James	Peck	University of Arkansas at Little Rock
Michael	Rapp	University of Central Arkansas
Henry	Robison	Southern Arkansas University
David	Saugey	U.S. Forest Service
Stanley	Trauth	Arkansas State University
Gary	Tucker	FTN Associates
Renn	Tumlison	Henderson State University
James	Wickliff	University of Arkansas-Fayetteville
Robert	Wiley	University of Arkansas-Monticello
Scott	White	Southern Arkansas University
Steve	Zimmer	Arkansas Tech University

REGULAR MEMBERS

FIRST MI.	LAST NAME	INSTITUTION
Alois	Adams	University of Arkansas-Little Rock
Ginny	Adams	University of Central Arkansas
Reid	Adams	University of Central Arkansas
Mohammad	Akhter	Arkansas State University-Mountain Home
Jennifer	Akin	Arkansas Natural Heritage Commission
Scott	Austin	University of Central Arkansas
Brent	Baker	University of Arkansas Herbarium
Ben	Barridge	North Arkansas College
Earl	Benjamin	Arkansas State University
Ellis	Benjamin	Arkansas State University
Dan	Bullock	Arkansas Tech University
Anwar	Bhuiyan	Arkansas Tech University
Lisa	Brennan	Arkansas Tech University
Tom	Buchanan	University of Arkansas-Ft. Smith
Daniel	Bullock	Arkansas Tech University
Debra L.	Burris	University of Central Arkansas
Martin	Campbell	Henderson State University
Stephen	Chordas III	Ohio State University
Mari	Davidson	University of Arkansas for Medical Sciences
Steve	Dinkelacker	University of Central Arkansas
Eddie	Dry	Arkansas State University - Mountain Home
Andrea	Duina	Hendrix College
Rudolph	Eichenberger	Southern Arkansas University
James	Engman	Henderson State University
Karen	Fawley	University of Arkansas at Monticello
Marvin	Fawley	University of Arkansas at Monticello
Robert	Ficklin	University of Arkansas at Monticello
Thomas	Foti	Arkansas Natural Heritage Commission
Tobin	Fulmer	Arkansas Natural Heritage Commission
Umadevi	Garimella	University of Central Arkansas
Barry	Gehm	Lyon College
David	General	University of Arkansas at Monticello
Johnnie	Gentry	University of Arkansas-Fayetteville
Sherry	Gibbany	North Arkansas College
Fiona	Goggin	University of Arkansas-Fayetteville
Wilson	González-Espada	Arkansas Tech University
Wayne	Gray	University of Arkansas for Medical Sciences
Roberts	Gregerson	Lyon College
Frank	Hardcastle	Arkansas Tech University
Laurence	Hardy	Ouachita Mountains Biological Station
Philip	Hyatt	retired
Shahidul	Islam	University of Arkansas at Pine Bluff
Salomon	Itza	University of the Ozarks
Clark	Jenkins	North Arkansas College
George	Johnson	Arkansas Tech University
Abul	Kazi	University of Arkansas at Pine Bluff
Brent	Kelley	Audubon Arkansas
Julia	Kennefick	University of Arkansas-Fayetteville
Tillman	Kennon	Arkansas State University
Robert	Kissell	University of Arkansas at Monticello
Jeanne	Kuhler	Auburn University

Secretary's Report

REGULAR MEMBERS

FIRST MI.	LAST NAME	INSTITUTION
Ryan	Laddusaw	University of Arkansas /Medical Sciences
Janet	Lanza	University of Arkansas at Little Rock
Eric	Lovely	Arkansas Tech University
Mike	Matthews	Henderson State University
Chris	McAllister	Chadron State College
Malcolm	McCallum	TAMU-Texarkana
Rahul	Mehta	University of Central Arkansas
Matthew	Moran	Hendrix College
William	Moser	Smithsonian Institution
Jim	Musser	Arkansas Tech University
Lawrence	Mwasi	University of Arkansas at Pine Bluff
Alex	Nisbet	Ouachita Baptist University
Russell	Nordeen	University of Arkansas at Monticello
National	Park	Buffalo National River
Forrest	Payne	University of Arkansas at Little Rock
John	Rhine	"ATOKA, Inc."
Thomas	Risch	Arkansas State University
Ed	Roberts	Pottsville High School
Fred	Robinson	Ouachita Mtns. Biological Station
Benjamin	Rowley	University of Central Arkansas
Blake	Sasse	Arkansas Game and Fish Commission
Marc	Seigar	University of Arkansas at Little Rock
William	Shepherd	Audubon Arkansas
William	Slaton	University of Central Arkansas
Michael	Slay	The Nature Conservancy
Richard	Smith	University of Arkansas for Medical Sciences
Thomas	Smith	Southern Arkansas University
Ashley	Scott	University of Arkansas-Little Rock
Richard	Standage	USDA Forest Service
Ivan H.	Still	Arkansas Tech University
Philip A.	Tappe	University of Arkansas- Monticello
Bruce	Tedford	Arkansas Tech University
Lynne	Thompson	University of Arkansas- Monticello
Sherry	Townsend	North Arkansas College
Rick	Ulrich	University of Arkansas-Fayetteville
Curtis	VanderSchaaf	University of Arkansas Monticello
Deborly	Wade	Central Baptist College
Brian	Wagner	Arkansas Game and Fish Commission
Timothy	Wakefield	John Brown University
Robert	Weih	University of Arkansas-Monticello
Benjamin	Wheeler	UACC - Batesville
Linda	Williams	University of Arkansas for Medical Sciences
Marisa	Williams	University of Arkansas-Fayetteville
Ed	Wilson	Harding University
Joe	Winstead	Southern Arkansas University
Theo	Witsell	Arkansas Natural Heritage Commission
Tsunemi	Yamashita	Arkansas Tech University
Steve	Yanoviak	University of Arkansas-Little Rock
Douglas	Zollner	The Nature Conservancy

SPONSORING AND SUSTAINING MEMBERS

FIRST MI.	LAST NAME	INSTITUTION
Linda	Kondrick	Arkansas Tech University
Warren	Montague	USDA/Forest Service
David	Davies	University of Arkansas for Medical Sciences
Leo Carson	Davis	Southern Arkansas University

STUDENT MEMBERS

FIRST MI.	LAST NAME	INSTITUTION
Allison	Asher	Arkansas State University
Andres	Bacon	University of Arkansas-Monticello
Lauren	Blair	University of Arkansas for Medical Sciences
Jacob	Bock	University of Arkansas-Little Rock
Lindsay	Bradshaw	University of Arkansas for Medical Sciences
Jerred	Caskey	Southern Arkansas University
Heather	Clarke	University of Central Arkansas
Douglas	Dawson	University of Arkansas-Little Rock
Rebecca	Fry	University of Arkansas-Little Rock
Jacqueline	Harris	University of Arkansas-Little Rock
Kristin	Hester	University of Arkansas-Little Rock
Cody	Hutson	Southern Arkansas University
Matthew	Jimerson	Southern Arkansas University
Abdoul	Koroney	Southern Arkansas University
Britne	Kuykendall	University of Central Arkansas
Kim	Mason	University of Central Arkansas
Leigh	Methvin	University of Central Arkansas
Sarah	Norman	Arkansas Tech University
Brett	Rabeneck	University of Central Arkansas
Jeremy	Rigsby	Arkansas Tech University
Rich	Shaver	University of Arkansas-Little Rock
Dallas	Snider	University of Arkansas-Little Rock
Nickolas	South	University of Arkansas-Little Rock
Jeremy	Stark	University of Arkansas-Little Rock
Katie	Steed	University of Arkansas for Medical Sciences
Shane	Sullivan	University of Arkansas for Medical Sciences
Sharon	Sweeney	University of Arkansas-Little Rock
Allan	Thomas	University of Arkansas-Little Rock
Nathan	Wentz	Arkansas State University