

# The Southwestern Association of Parasitologists



## The First 35 Years: 1967–2002

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# The Southwestern Association of Parasitologists

## The First 35 Years: 1967–2002

It is likely that the idea to organize southwestern parasitologists into a regional group originated over cocktails one night in the late 1950s during a regional or national meeting. What is clear is that two men—Drs. Robert E. Kuntz and Donald V. Moore—were instrumental in turning the idea into what has become, in reality, the Southwestern Association of Parasitologists (SWAP).

Dr. J. Teague Self (pers. comm., 1981) stated, “The beginning of SWAP was an idea of Robert Kuntz who felt that something could be gained if several of us here in the southwest could get together once a year for a day or two and just talk parasitology.” Dr. Moore (pers. comm., 1980) noted that he and others “. . . made an early attempt to organize the regional parasitologists at a meeting of the Texas Conference on Diseases in Nature Transmissible to Man, in the spring of 1957 or 1958. After the meeting, we surveyed by mail the persons residing in Texas, Louisiana, Oklahoma and Arkansas. We received a moderately favorable response. We failed to get off the ground because certain persons failed to carry out their assignments” (see scanned, original letters from Moore, January 25, 1980, and Kuntz, February 1, 1980, Appendix, pp. 1-5). In spite of this, Kuntz, Moore and others retained an avid interest in putting together such an organization and they continued to talk about it at annual meetings.

### The Formative Year: 1967

In early 1967, Bob Kuntz and Betty-June Myers of the Southwest Foundation for Medical Research and Education, San Antonio, Texas, began to spearhead the movement to establish the new regional group. On

June 27, 1967, Dr. Myers mailed a questionnaire regarding interest in forming such a group to 169 American Society of Parasitologists (ASP) members living in Arizona, Arkansas, Louisiana, New Mexico, Oklahoma and Texas (Box 1). Sixty-three interested parasitologists responded, including one from Arizona, two from New Mexico, three from Arkansas, 12 from Oklahoma, 18 from Louisiana, and 27 from Texas. Such a favorable response prompted the holding of an organizational meeting on August 22, 1967 at the 42<sup>nd</sup> Annual Meeting of the ASP in Tucson, Arizona. This brief organizational meeting was chaired by Don Moore, who outlined the purpose of regional organizations and their functions. The following representatives from the various southwestern states were selected to form a Steering Committee, with Betty-June Myers acting as Secretary for the session:

Arizona	James Landers
Louisiana	Frank Sogandares-Bernal
New Mexico	Kay Samson
Oklahoma	J. Teague Self
Texas	Robert E. Kuntz

It was decided the Steering Committee should plan for the first meeting to be held in the spring prior to the next ASP meeting in June 1968, so that a constitution could be drafted and submitted for recognition to the ASP. San Antonio, Texas was selected as the site for the first meeting and Drs. Kuntz and Myers assumed the responsibility of arranging facilities at the Ramada Inn on the North Loop in San Antonio. Drs. Moore, Sogandares-Bernal and Self were appointed the responsibility of writing the by-laws and are credited with suggesting the name of the organization, the “Southwestern Association of

**Box 1. The first questionnaire to determine if there was interest in forming a regional group of parasitologists in the southwestern U.S. This was mailed to 169 members of the ASP on June 27, 1967 by Dr. B.J. Myers of the Southwestern Foundation for Medical Research and Education.**

We would like to establish a Southwest Association of Parasitologists for members of the American Society of Parasitologists and others interested in parasitology living in Texas, New Mexico, Louisiana, Arkansas and Oklahoma. The purpose of such an organization would be to bring together parasitologists and their students for meetings with planned programs of mutual interest. Such an organization would provide an opportunity for graduate students to present their research before a smaller group than the national meeting of ASP. In addition the organization should encourage more active participation in regional projects and exchange of ideas and materials.

It is hoped that following organization and adoption of a constitution and by-laws that our regional group would petition ASP for recognition as an affiliate which would permit the regional group to send a nonvoting representative to the ASP council. This provides a means by which members of the regional group can be kept abreast of affairs of the national organization and have a spokesman on the council of ASP.

In order to promote the Southwest Association of Parasitologists we need individual support and ask for your suggestions. Would you please fill out the enclosed card and add any comments you may have about the establishment of such an organization.

Parasitologists.” Two other committees were appointed by the Steering Committee: The Nominating Committee, with G. Robert Coatney, Moore and Self (Chairman), and the Program Committee with Kuntz, Self and Sogandares-Bernal (Chairman). It is interesting to note (and perhaps there is a lesson here) that Teague Self, appointed to both committees, had *missed* the organizational meeting in Tucson because he was (inadvertently) not notified. This was discovered in a letter dated October 23, 1967 that he wrote to Dr. Myers (Box 2). The committees worked hard during the remainder of 1967 planning for SWAP-I. In late December 1967, Frank Sogandares-Bernal, then at Tulane University, sent a memo to “Parties interested in the ‘Southwest [sic] Association of Parasitologists’” to recruit the estimated 41 parasitologists in Louisiana to attend the first meeting of SWAP (Appendix, pp. 6-7).

**The First Meeting: March 23, 1968  
(Appendix, pp. 8-19)**

On January 28, 1968, using revised mailing lists submitted by Dr. Sogandares-Bernal for Louisiana and by Dr. Self for Oklahoma, Dr. Myers mailed 100 notices of the first meeting (Appendix, p. 8) to the region’s parasitologists. Still some doubts lingered. Bob Kuntz admits, “that even then the thought occurred to us there would not be enough people show up to make the gathering worthwhile. However, even if only a dozen bodies appeared, we could have an informal bull session on parasitology and allied affairs.” By March 20, three days before the meeting, 46 persons had pre-registered and 10 paper titles had been received!

In the months preceding the first meeting, Drs. Moore, Sogandares-Bernal and Self worked by phone and surface mail to draft a constitution for their new organization; they also tried to keep B.J. Myers up-to-date on their progress. Even as late as March 8, 1968, they still had three versions, patterned more-or-less on the ASP constitution. The most elaborate one was Sogandares-Bernal’s, but Moore and Self considered it to be unwieldy

**Box 2. Letter from Teague Self to B.J. Myers pointing out that he hadn't been notified about the organizational meeting in Tucson, where he was appointed to two committees, one as chair!**

THE UNIVERSITY OF OKLAHOMA  
NORMAN, OKLAHOMA, 73069  
October 23, 1967

Dr. Betty June Myers  
Department of Parasitology  
Southwest Foundation for Research and Education  
Box 2296  
San Antonio, Texas 78206

Dear Betty June:

Your note, along with the form letter from Bob Kuntz came today. As far as I can tell from present arrangements, March would be as good as any month for the first meeting of the Southwest Association of Parasitologists. If we could have it on a weekend, I would drive instead of flying and bring along a carload of students. It would be difficult for me to do this, however, during the week because some of them have assisting assignments, as well as classes. May I suggest that for the first time we have an all day session on Saturday. We could drive down on Friday, have a session on Saturday and Saturday evening, and return home on Sunday. In this way, the students would not be away from their activities too long.

I think all of us know that our prime problem in making the Southwest Association prosper is distance. Most of the students will not be able to afford plane fare, and, indeed, professors like myself will not always be able to do this. In any event, it will be desirable if we can drive and load our cars with students. I note that this is done on a fairly large scale at the meetings of the Midwestern Conference.

Tell Bob that he should not hesitate to call on me anytime I can be of assistance. As you remember, I missed the organizational meeting in Tucson, because for some reason, I had not heard about it. I was informed, I believe, by you later that I had been given a job, and I am not certain just what that job is. Do I understand from Bob's letter that I was made a member of the committee, consisting of Frank Sogandares, Kay Samson, James Landers, Donald Moore, and Bob Kuntz? These are people apparently to whom Bob's letter went, and I am guessing that this is a planning committee. Will you please set me straight on this.

My trip to Africa and Asia was quite successful, and I have been planning to write Bob about it. He was very helpful in suggesting places along the way where I might stop, but having to complete the trip in 17 days made it impossible for me to get to Taiwan. I did, however, make arrangements at Lagos and Ibadan in Nigeria and in Bombay, India, for receiving not only human tumors, but other pentastome materials, so I think that everything is in good shape. The trip was most enjoyable but too fast, and it took me about ten days to recover when I got home. I did continue east after Bombay and thus circle the globe.

With best personal regards,

Cordially yours,

J. Teague Self  
Regents' Professor

JTS/dm

in many parts; Self's attempt was the briefest and least detailed and, after seeing the other two narrations, he suggested that his version be tossed and a compromise version between the other two be made. Don Moore is given credit for the name of the new organization. At a pre-meeting on March 22, 1968, Moore, Sogandares-Bernal and Self hammered out the final draft of SWAP's first constitution, which was approved the next day.

The first official meeting of SWAP was held on March 23, 1968 in San Antonio, Texas, with the Southwest Foundation for Research and Education acting as the host institution (Appendix, p. 9). "Much to the surprise of all, more than 50 enthusiastic teachers, students and investigators appeared on the scene. Thus, the beginning of the success of SWAP" (Kuntz, pers. comm., 1980). At this first meeting: Don Moore acted as Presiding Officer and Bob Kuntz chaired the scientific program; G. Robert Coatney gave the principle lecture, "Malaria, Monkeys, Mosquitoes and Man"; the official name, "Southwestern Association of Parasitologists," was adopted; membership was approved for persons requesting it and having an interest in the broad subject of parasitology; and SWAP's first constitution was ratified (Appendix, pp. 10-12). Geographic boundaries were not defined, thus allowing membership for anyone wishing to participate. Presentation of papers, demonstrations, other types of programs were invited from all persons, and students were especially encouraged to participate. A petition for affiliation with the ASP (reportedly) was signed by 42 members of ASP, which was duly noted in the Society journal (*J. Parasitol.*, 1969, 55:237). However, the only copy we have of this petition contains only 40 legible signatures (Appendix, p. 13):

Arkansas (1)

John F. Bridgman

Kansas (1)

William H. Coil

Louisiana (8)

Anna Bentley

G. Robert Coatney

Sue C. Dike

Richard D. Lumsden

Thomas C. Orihel

Franklin Sogandares-Bernal

Earl H. Weidner

Phillip L. Young

Oklahoma (6)

Dennis E. Deakins

Dennis K. Huff

George C. Rogers

J. Teague Self

Roy G. Taylor

John E. Trainer, Jr.

South Carolina (1)

John W. Moose

Texas (22)

Jewel E. Berry

Edith Box

James E. Byram, III

T.D. Cotton

Raymond T. Damian

Dale Dingley

Adam Ewert

Thomas J. Galvin

John S. Harvey, Jr.

Sewell H. Hopkins

Chris S. Jordan

W. Mike Kemp

Robert E. Kuntz

James F. Landram

Etta-Mae MacDonald

Robert O. McAlister

Thomas G. Meade

Donald V. Moore

Betty-June Myers

LeRoy J. Olson

Homer T. Russell, Jr.

George S. Tulloch

Address Unknown (1)

Stephen R. Edwards

During the first meeting Bob Coatney was elected President, Frank Sogandares-Bernal was elected Vice-President and Betty-June Myers was elected Secretary-Treasurer. Also at this meeting, Student Assistants were appointed for each office following Article IV-6 in the newly adopted constitution, "Each officer of the Association shall appoint a counterpart from the student membership for a

one-year term. . . .” These included James Byram III for the President, Lane Graham for the Vice-President, and William Hubbard for the Secretary–Treasurer.

Five documents of historical significance for the First Meeting were recovered from SWAP records (Appendix, pp. 14-19); however, the timing of these documents is uncertain since only one has a date on it and the information presented has many discrepancies. Presumably, the first document was prepared by B.J. Myers, who was elected the Secretary–Treasurer (Appendix, pp. 14-15). Remember, this was a time before computers, so she certainly wrote it by hand during the first business meeting of SWAP and typed it from her notes sometime *after* the Annual Meeting of the ASP in mid-June, 1968, because the date that Sogandares–Bernal presented SWAP’s Petition for Affiliation to the ASP Council—June 19, 1968—is mentioned.

The second, undated document from the First Meeting was prepared by Dr. LeRoy Olson (Appendix, p. 16). Since he was not an officer at that meeting, it is likely he was appointed to write the “Resolutions” to conclude the Business Meeting. In his resolutions, he mentions that 70 parasitologists attended this first meeting (vs. the 50 quoted by Kuntz, earlier) and that 42 ASP members, who attended this meeting, signed the Petition for Affiliation (vs. the 40 signatures on the form and vs. the 41 recorded by B.J. Myers, next).

The third document recovered from SWAP records is a typed list of 50 names purported to be the complete list of those in attendance at the First Meeting of SWAP, March 23, 1968 (Appendix, pp. 17-19). This number corresponds to that given by Dr. Kuntz, but differs from the 70 presented in the Resolutions by Dr. Olson. However, the greatest discrepancy is this: of the 40 legible signatures on the Petition for Affiliation to the ASP (Appendix, p. 13), also dated March 23, 1968, 13 (32.5%) are not among the 50 listed as attending the meeting (J.F. Bridgman, J.E. Byram III, T.D. Cotton, D. Dingley, S.R. Edwards, A. Ewert, T.J. Galvin, W.M. Kemp,

J.E. Landram, E.-M. MacDonald, R.O. McAlister, T.C. Orihel, E.H. Weidner)!

The fourth document is an alphabetical list of 40 names identified as the Charter Members of the SWAP. Since this list was taken from the original Application-for-Membership forms, it is, presumably, the “official” list of Charter Members (Table I). However, seven (17.5%) of these Charter Members are *not* signatories on the Petition for Affiliation to ASP (Appendix, p. 13) and 15 (37.5%) are not listed as even attending the First Meeting (see \* †, Table I, respectively, and Appendix, pp. 17-19). Obviously, administrative record-keeping was not a strong suit among southwestern parasitologists in the late 1960s!

The fifth document pertaining to the First Meeting of SWAP was dated April 20, 1968. It was mailed by B.J. Myers to fellow parasitologists in the southwestern U.S., asking them to join SWAP. Note that B.J. mentions that 41 members present at the First Meeting signed the Petition for Affiliation (Appendix, p. 20).

Apparently, Dr. Clark Read did not attend the first meeting of SWAP, but he applied for membership on May 1, 1968. His letter of application to Dr. Myers includes some interesting comments on the “Communist Clause” of the SWAP Constitution (Appendix, p. 21)

On June 19, 1968 at the 43<sup>rd</sup> Annual Meeting of ASP in Madison, Wisconsin, Sogandares–Bernal presented the petition for affiliation to ASP Council, which unanimously approved it. Dr. Tom Orihel was appointed as the first SWAP representative to ASP Council. *SWAP had been created!* The new officers then set about the business of finding new members for SWAP (Appendix, p. 20) and planning for the next meeting—to be held in the home city of the President and Vice-President: New Orleans.

The rest, as they say, is history. The first 35 meetings are summarized in Table II; the officers elected over the years are listed in Table III. For specifics of each meeting, agendas and lists of papers, minutes of each meeting and other historical documents, see the Appendix. The initial success of SWAP in the formative years and its continued success in



**Table I. Alphabetical list of charter members of the Southwestern Association of Parasitologists (taken from original application-for-membership forms).**

Dean E. Armstrong—Maryland *	Richard D. Lumsden—Louisiana
Anna G. Bentley—Louisiana	Etta-Mae MacDonald—Texas †
Jewel E. Berry—Texas	Yolanda Marciacq—Louisiana †
Marian E. Blank—Louisiana * †	Georgiana Mason—Louisiana †
James E. Byram, III—Texas †	Robert O. McAlister—Texas †
G. Robert Coatney—Louisiana	Donald V. Moore—Texas
Raymond T. Damian—Texas	Jerry A. Moore—Texas *
Dennis E. Deakins—Oklahoma	John W. Moose—Texas
Sue C. Dike—Texas	Betty June Myers—Texas
Donald D. Dingley—Texas †	John A. Oaks—Louisiana *
Adam Ewert—Texas †	Leroy J. Olson—Texas
Thomas J. Galvin—Texas †	Thomas C. Orihel—Louisiana †
John S. Harvey, Jr.—Texas	George C. Rogers—Oklahoma
Sewell H. Hopkins—Texas	Homer T. Russell, Jr.—Texas
William J. Hubbard—Texas * †	Roger P. Schmidt—Kansas * †
Dennis K. Huff—Oklahoma	Franklin Sogandares-Bernal—Louisiana
W. Michael Kemp—Louisiana †	Roy G. Taylor—Texas
Robert E. Kuntz—Texas	John E. Trainer, Jr.—Oklahoma
James F. Landram—Texas	George S. Tulloch,—Texas
Tsue-Ming Lin—Texas * †	Earl H. Weidner—Louisiana †

\* These Charter Members did not sign the Application for Affiliation document (Appendix, p. 13).

† These Charter Members are not listed on the “official” list of attendees at the First Meeting (Appendix, pp. 17-19).

the years to follow are due to the basic philosophy of the organization: (1) Parasitologists and their students are encouraged to participate; the informal and friendly atmosphere during the meetings, and sometimes the deletion of a professor’s paper in favor of a student’s, promoted this friendly dual participation; (2) The chemistry is right: the organization has always been a close-knit, united and special association; and (3) SWAP excludes no one: ASP membership is not required, there are no geographic boundaries for membership, and industrial, educational and government parasitologists are welcome. The only requirements are a love of parasitology and the ability to get to the meetings.

Over the years SWAP has continued to grow and to evolve.

### **The Second Meeting: March 21-23, 1969 (Appendix, pp. 22-27)**

**N**ew Orleans is a special place to visit and an even better place to hold a scientific meeting; in 1969 it was also the home city of both the President (G. Robert Coatney) and Vice-President (F. Sogandares-Bernal) of SWAP. The second meeting of the fledgling organization was an overwhelming success: 103 parasitologists were reported in attendance, 29 oral presentations and five demonstrations (posters) were offered for scrutiny, and Dr. Coatney gave the presidential address entitled, “Research, What Is It?” In the summarized minutes later compiled by Dr. Myers, there is another minor discrepancy in that Dr. H. Bennett, who served as auditor for this meeting, erroneously wrote that 39 scientific papers were presented. The Nomi-

Table II. Summary of SWAP meetings from 1967 to 2002.

Meeting Number	Date	Place	Number Attending	No. of Paper, Poster Presentations
Organizational	22 August 1967	Tucson AZ	8 (?) *	—
1	23 March 1968	San Antonio TX	50 (?)–70 (?) **	11
2	21-23 March 1969	New Orleans LA	103	35
3	19-21 March 1970	Lake Texoma OK	96	37
4	22-24 April 1971	College Station TX	104	41
5	13-15 April 1972	Lake Texoma OK	86	30
6	12-14 April 1973	Dallas TX	78	23
7	18-20 April 1974	Lake Texoma OK	75	26
8	17-19 April 1975	Lake Texoma OK	113	39
9	22-24 April 1976	Lake Texoma OK	102	46
10	21-23 April 1977	Lake Texoma OK	103	41
11	20-22 April-1978	Lake Texoma OK	133	37
12	19-21 April 1979	Lake Texoma OK	124	36
13	17-19 April 1980	Lake Texoma OK	NA	33
14	2-4 April 1981	Lake Texoma OK	107	35
15	15-17 April 1982	Lake Texoma OK	71	26
16	21-23 April 1983	Lake Texoma OK	NA	45
17	19-21 April 1984	Lake Texoma OK	NA	22
18	11-13 April 1985	Lake Texoma OK	NA	27
19	3-5 April 1986	Lake Texoma OK	NA	37
20	2-4 April 1987	Lake Texoma OK	95	30
21	14-16 April 1988	Lake Texoma OK	NA	43
22	13-15 April 1989	Lake Texoma OK	NA	26
23	12-14 April 1990	Lake Texoma OK	NA	21
24	4-6 April 1991	Lake Texoma OK	NA	32
25	2-4 April 1992	Lake Texoma OK	69	27
26	15-17 April 1993	Lake Texoma OK	NA	27
27	14-16 April 1994	Lake Texoma OK	NA	27
28	20-22 April 1995	Lake Texoma OK	NA	24
29	18-20 April 1996	Lake Texoma OK	NA	39
30	10-12 April 1997	Lake Texoma OK	76	21
31	9-11 April 1998	Lake Texoma OK	95	30
32	15-17 April 1999	Lake Texoma OK	NA	22
33	13-15 April 2000	Lake Texoma OK	NA	26
34	26-28 April 2001	Lake Texoma OK	NA	22
35	18-20 April 2002	Lake Texoma OK	NA	28

\* See text, pp. 1, 2.

\*\* See text, pp. 3-6.

NA = Unknown

Table III. Officers who have served SWAP during the first 35 years.

Year Elected/ Appointed	President	Vice-President/ President-Elect	Secretary-Treasurer	Representative to ASP Council
1968	G. Robert Coatney	Franklin Sogandares-Bernal	Betty June Myers	Thomas C. Orihel
1969	J. Teague Self	LeRoy J. Olson	Betty June Myers	Thomas C. Orihel
1970	Franklin Sogandares-Bernal	Lionel Warren	Betty June Myers	Thomas C. Orihel
1971	LeRoy J. Olson	Betty June Myers	Gilbert A. Castro	Thomas C. Orihel
1972	Betty June Myers	Thomas C. Orihel	Gilbert A. Castro	W. Mike Kemp
1973	Clark P. Read (Donald V. Moore)	Donald V. Moore	Gilbert A. Castro	W. Mike Kemp
1974	Robert E. Kuntz	Gilbert A. Castro	Thomas G. Meade	W. Mike Kemp
1975	Gilbert A. Castro	Richard D. Lumsden	Thomas G. Meade	W. Mike Kemp
1976	Richard D. Lumsden	Calvin G. Beames, Jr.	Thomas G. Meade	W. Mike Kemp
1977	John R. Seed	Calvin G. Beames, Jr.	David A. Becker	W. Mike Kemp
1978	Calvin G. Beames, Jr.	Donald W. Duszynski	David A. Becker	David G. Huffman
1979	Donald W. Duszynski	W. Mike Kemp	David A. Becker	John Janovy, Jr.
1980	W. Mike Kemp	John E. Ubelaker	David G. Huffman	John Janovy, Jr.
1981	John E. Ubelaker	Larry S. Roberts	David G. Huffman	John Janovy, Jr.
1982	Larry S. Roberts	Robert O. McAllister	David G. Huffman	John Janovy, Jr.
1983	David G. Huffman	Ben G. Harris	Alan A. Kocan	Donald W. Duszynski
1984	Ben G. Harris	John R. Bristol	Alan A. Kocan	Donald W. Duszynski
1985	John R. Bristol	Timothy P. Yoshino	Alan A. Kocan	Donald W. Duszynski
1986	Timothy P. Yoshino	Alan A. Kocan	Lillian F. Mayberry	Donald W. Duszynski
1987	Alan A. Kocan	John Janovy, Jr.	Lillian F. Mayberry	John R. Bristol
1988	John Janovy, Jr.	Marc Dresden	Lillian F. Mayberry	John R. Bristol
1989	Marc Dresden (Lillian F. Mayberry)	Lillian F. Mayberry	David T. John	John R. Bristol
1990	Lillian F. Mayberry	George L. Stewart	David T. John	Danny Pence
1991	George L. Stewart	Cynthia N. Chappell	David T. John	Danny Pence
1992	Cynthia L. Chappell	David T. John	E. Sam Loker	Danny Pence
1993	David T. John	Jerry Y. Neiderborn	E. Sam Loker	Lynn Hertel
1994	Jerry Y. Neiderborn	Lee Couch	E. Sam Loker	Lynn Hertel

Table III (continued).

Year Elected/ Appointed	President	Vice-President	Secretary–Treasurer	Representative to ASP Council
1995	Lee Couch	Steve J. Upton	John Janovy, Jr.	Lynn Hertel
1996	Steve J. Upton	Chris T. McAllister	John Janovy, Jr.	Cynthia L. Chappell
1997	Chris T. McAllister	Patricia G. Wilber	John Janovy, Jr.	Cynthia L. Chappell
1998	Patricia G. Wilber	Richard E. Clopton	John Janovy, Jr.	Cynthia L. Chappell
1999	Richard E. Clopton	Brent B. Nichol	John Janovy, Jr.	Lee Couch
2000	Brent B. Nichol	Dennis Richardson	John Janovy, Jr.	Scott L. Gardner
2001	Dennis Richardson	Sydney Ewing	John A. Hnida	Rich Clopton
2002	Sydney Ewing	Scott Synder	John A. Hnida	Scott L. Gardner

nation Committee (D.V. Moore, Chair, M. Ivey and L. Warren) presented the following slate of officers for 1969–70: Teague Self, President; LeRoy Olsen, Vice-President; Betty June Myers, Secretary–Treasurer. The officers were elected by acclamation. The student assistants for each office were Mr. John Trainer, for the President; Mr. Jim Richardson, Vice-President; and Mr. Dennis Martin, Secretary–Treasurer, as instructed in Article IV-6 of the (still new) Constitution.

**The Third Meeting: March 19-21, 1970  
(Appendix, pp. 30-34)**

About five weeks after the New Orleans meeting, Teague Self wrote a letter to Secretary–Treasurer B.J. Myers, presenting the idea of holding the third meeting of SWAP at the University of Oklahoma Biological Station (UOBS) at Lake Texoma, Oklahoma, the following March (Appendix, pp. 28-29). Admitting that the weather would probably be cold and that folks would need to bring appropriate clothing, Teague added that those attending “could expect a barrel of beer in the dining room to be consumed from Friday afternoon on until it is gone” and that if they added a couple of guitars and some singing, “they could enjoy themselves quite significantly.” Teague already had asked Loren Hill, then Director of UOBS, to reserve the facility for March 20-22 for the meeting. It is not clear from the archived documents whether the membership voted on this issue or if it was just assumed that the meeting would be held at the place and/or direction of the current SWAP President. In either case, the third meeting of SWAP was held at the UOBS situated on the shores of Lake Texoma. According to all reports, it was windy and cold at this meeting, but the beer flowed, the attendees endured, and a good time was had by all.

In 1984, Dr. John E. Trainer, then VP for Academic Affairs at Jacksonville University, Florida, wrote a letter to Dr. David Huffman, who was the newly elected President of SWAP. In that letter he recalled having served as “the second student president of the organization (i.e., student assistant to Dr. Self).”

He continued, "I well remember the first meeting at the Oklahoma Biological Station. It was the coldest ever for that date, and the heater was broken down. I made two trips back to Oklahoma City to obtain extra blankets and the most common response of the parasitologists in attendance was the imbibing of suitable 'anti-freeze.' It was the 'closeness' (in order to keep warm) of that occasion that prompted someone to observe that it was such a productive meeting that we should meet at that site at least every other year in the future. Dr. Self and I were exhausted when the affair was over because we had run ourselves ragged trying to meet everyone's need to stay warm."

In addition to the 35 papers listed on the official program, two evening talks were given. Dr. Loren Hill, Director of the UOBS, presented a history of the Lake Texoma Station, and Dr. Bob Kuntz gave an illustrated talk, "Ihla Formosa—Man, Animals and Parasites." Teague Self presided over the annual business meeting and Tom Orhiel, representative to ASP Council, reported on the 1969 Council meeting. Two items of interest were that ASP had decided to withdraw from AIBS membership and two new affiliated sister societies were recognized by Council, the Southeastern Society of Parasitologists and the Northern California Parasitologists. The Nomination Committee (Tom Meade, Chair) presented the following slate of officers for 1970–71: Frank Sogandares–Bernal, President; Lionel Warren, Vice-President; and B.J. Myers, Secretary–Treasurer. The officers were elected by acclimation. The student assistants for each office were Mr. Clark Southworth, President; Mr. Bill Lushbaugh, Vice-President; and Mr. C.A. Bedinger, Secretary–Treasurer. In spite of the cold weather, the membership voted to meet at the UOBS every other year.

#### **The Fourth Meeting: April 22-24, 1971 (Appendix, pp. 35-38)**

**S**ometime after March 1970, Dr. Sewell Hopkins wrote to Secretary–Treasurer B.J. Myers suggesting that he would work to set up the 1971 meeting at Texas

A&M University in College Station, but in April rather than March. Myers communicated this information to SWAP President Sogandares–Bernal (undated letter) along with a couple of niggling issues that were beginning to surface among the members: a) Some of the members wanted to alternate biological stations every second year, not limit the meetings to Lake Texoma; b) Although the weather would be nicer in April, some members, especially those who attended the Federation meetings, didn't want to switch months because of potential meeting conflicts; and c) Several members voiced the opinion that there should be two names for each officer position on each ballot with the ballots cast and counted prior to the beginning of the annual meeting. Why does something simple always evolve toward complexity? Oh well, the meeting was held in late April and, with 41 papers presented and 104 registrants, the meeting was an overwhelming success.

Late in the meeting, President Sogandares–Bernal initiated a presidential award for the best student paper, which he decided would be called the Sogandares–Spout. The first (only and last) recipient was Mr. G.E. Rodrick from the University of Oklahoma. The Nomination Committee (no record of names) presented the following slate of officers for 1971–72: LeRoy Olsen, President; B.J. Myers, Vice-President; and Gilbert Castro, Secretary–Treasurer. The officers were elected by acclimation. The student assistants serving with these officers were Mr. James Richardson, President; Mr. John Ferguson, Vice-President; and Mr. Harry Gentner, Secretary–Treasurer. Dr. George W. Hunter, III had made a proposal to the regional societies affiliated with the ASP that their elected representatives be given voting privileges during ASP Council meetings. The memorandum from Dr. Hunter was presented to the SWAP members by their representative to Council, Tom Orihel. After discussion, SWAP members decided to go on record as *not* being in favor of it and requesting additional information.

**The Fifth Meeting: April 13-15, 1972  
(Appendix, pp. 39-58)**

This was the second SWAP meeting held at the UOBS on the shores of beautiful Lake Texoma, OK. Eighty-six people registered for the meeting, 29 oral research papers were presented, and Dr. C.E. Hopla presented a banquet address, “Boreal Wanderings.” There were no “testy” issues at the business meeting and, apparently, the issue concerning the election of officers had been resolved during the year. Dr. M. Ivey, Chair of the Nominating Committee, reported that the following officers had been elected *by ballot*: President, B.J. Myers, and Vice-President, Tom Orihel. Neither the President nor the Vice-President selected student assistants to serve during the upcoming year, although Harry Gentner continued to serve Gil Castro in the Secretary–Treasurer position. Two other issues were left unresolved at the business meeting, one having to do with whether or not SWAP should have a “best student presentation” award and the second about where to hold its sixth meeting.

In September 1972, Secretary–Treasurer Castro initiated correspondence with President Myers to address both issues. On September 18<sup>th</sup> he asked her to set up an *ad hoc* committee to address the issue of a student prize and on the 29<sup>th</sup> he sent a letter to all SWAP members asking them to vote on two formal invitations that were extended to SWAP, one from Dr. John Ubelaker at Southern Methodist University in Dallas, and one from Dr. Jack Bristol at the University of Texas in El Paso. Dallas won. In November 1972, B.J. wrote letters asking Don Moore to chair and Frank Sogandares-Bernal and LeRoy Olsen to serve on an *ad hoc* committee “to evaluate the criterion and possibility of establishing an award for SWAP.” The committee was to present its report, including both the pros and cons of such a student award, at the next business meeting in 1973. The opinions of the members on this committee are included in the Appendix (pp. 49-58) for historical reference. Late in November 1972, B.J. notified Gil Castro that she

was appointing Dr. W. M. Kemp to replace Dr. T. Orihel, who requested release from the position of SWAP representative to ASP Council.

**The Sixth Meeting: April 12-14, 1973  
(Appendix, pp. 59-66)**

This meeting was held on the campus of Southern Methodist University; 78 people registered, 22 oral research papers were presented, and Dr. Tom C. Cheng, then at Lehigh University in Pennsylvania, gave a talk after the evening banquet, “The Future of Parasitology. One Man’s View.” The *ad hoc* Awards Committee appointed by President Myers the previous November gave its report, which is included in the Appendix (pp. 63-65). It was the unanimous recommendation of the committee that SWAP should *not* establish either a formal or informal award for student research presentations (“at this point in time”). After significant discussion, the recommendation was unanimously accepted by the membership. The Nominating Committee (Marlow Anderson, John Oaks and Mike Kemp) reported that the following officers had been elected by ballot: President, Clark P. Read; Vice-President, Donald V. Moore. No mention is made of student assistants being selected for any of the officers. Unfortunately for the scientific world, and especially for the world of parasitology, Dr. Read died at age 52 of a coronary on Christmas Eve, 1973, in his Houston, TX, home.

**The Seventh Meeting: April 18-20, 1974  
(Appendix, pp. 67-76)**

Dr. Read’s untimely death in December 1973 pointed out a deficiency in the constitution of SWAP—there was no provision for succession of officers in the event that one did not complete his/her term. SWAP Vice-President Don Moore assumed the president’s position in January 1974 and instructed SWAP Secretary–Treasurer Gil Castro to check into the affairs of Dr. Read to determine if he had appointed a Nominating Committee for the 1974 meeting. In addition, Don Moore asked Dr. Dick Lumsden to

be a special speaker at the 1974 meeting and chronicle the life of Dr. Read. The seventh SWAP meeting was held, once again, at the UOBS near Lake Texoma, OK; 75 people were in attendance and 26 oral papers were heard, including an *In Memorium* address by Dr. Lumsden, "Life and Work of Clark P. Read" (Appendix, pp. 72-76).

At the Business Meeting, Teague Self reported the results of a survey regarding future meetings and suggested that all future meetings be held at the UOBS. Dr. Dick Small, however, presented a letter extending an invitation to the membership to hold their 1975 meeting at Oklahoma State University (OSU). It was decided to put both issues on a mail ballot: 1) whether to hold the 1975 meeting at UOBS or at OSU, and 2) whether or not to select UOBS as SWAP's permanent meeting site after 1975. In all prior SWAP meetings, the issue of SWAP's financial status was left unstated, but Gil Castro, in his last year as Secretary-Treasurer, presented the first documented "Secretary-Treasurer's Financial Report," a tradition that would continue in perpetuity. Interestingly, he reported a total membership in SWAP of 220 and a balance of \$659.30 in the SWAP account on April 20, 1974. The Teller's Committee (B.J. Myers and Mike Kemp) reported that the following officers had been elected by mail ballot: President, Robert Kuntz; Vice-President, Gilbert Castro; Secretary-Treasurer, Thomas Meade. No mention is made of any officers selecting student assistants.

#### **The Eighth Meeting: April 17-19, 1975 (Appendix, pp. 77-87)**

**T**he minutes of the eighth meeting report that 113 persons attended the meeting and 39 papers were presented. The "big" issues of the day involved increasing the dues from \$2.00 to \$4.00 for regular members and \$2.00 for student members (passed), and HB 479, then pending in the Texas Legislature. HB 479, if passed, would have made the biblical account of creation mandatory in biology textbooks in Texas, if other theories on the origin of life also were presented. President Bob Kuntz brought this issue to the attention

of SWAP members and suggested that SWAP should forward a resolution to appropriate persons in the Texas legislature expressing SWAP's disapproval of HB 479. Frank Sogandares-Bernal and Frank Fisher crafted the original resolution that was modified somewhat by Teague Self and Dick Lumsden during the considerable discussion that "evolved" (sorry) at the Business Meeting. The final resolution stated:

"The Southwestern Association of Parasitologists, an affiliate of the American Society of Parasitologists, many of whose members reside and teach in the State of Texas, wishes to strongly oppose HB 479 which amends Chapter 12 of the Texas Education Code by adding a section requiring biblical accounts of creation to be included in textbooks when other theories on the subject are presented.

The Association opposes this bill for two reasons. First, the origins and creation of man and the world as set forth in the *Bible* are in all due respects a branch of Theology and are without foundation when presented as science. Second, we fundamentally disapprove of any law which dictates what a teacher should say or what goes into textbooks. This threatens the freedom of expression which has been throughout the history of America the major strength in education.

We urge your participation in the defeat of this legislation to continue with the separation of State, Church and Education."

It was sent by SWAP Secretary-Treasurer Meade to The Honorable William Clayton, then Speaker of the Texas House of Representatives, and to William P. Hobby, Texas Lieutenant Governor. Mr. Hobby's form-letter reply was, "Let me assure you that the views of your Association regarding this legislation have been noted and that they will be given the most serious consideration by the members of the 64<sup>th</sup> Legislature." Representative Clayton's chilly response, however, was illustrative of the conservative attitude in the Texas legislature at the time:

"Mr. Meade, I would be ashamed to oppose a bill which supports the addition of the biblical account of creation to a textbook. This is supposedly a nation founded on belief and trust in God. If we have come to the place where we legislate action which would

not permit our school children to have the benefit of the biblical view of creation, while they are being taught the scientific view, I no longer care to live in this country.

Freedom of expression is free only as long as it does not infringe upon the rights of others.

Freedom of expression still exists as is evidenced by the fact that you are free to state your position on this matter. However, I am equally free to state mine. You may expect my strong support for this bill.”

The Teller’s Committee (Drs. W. Coil, P. Hollis and D. Huffman) reported that the following officers had been elected by mail ballot: President, Gilbert Castro; Vice-President, Dick Lumsden.

The Secretary–Treasurer’s Financial Report affirmed a balance in the SWAP treasury of \$745.21 on April 19, 1975; it also reported that there had been 251 members since SWAP began, but only 134 dues-paying members as of the end of 1974. At the end of the Secretary–Treasurer’s Report, it was noted that the outcome of the mail ballot concerning the decision of the members as to where to hold both the 1975 meeting and all future meetings was as follows: 1) Meeting site for 1975: 25 for OSU, 45 for UOBS; and 2) UOBS as a permanent site after 1975: 19 No, 53 Yes. The dye was cast.

### **The Ninth Meeting: April 22-24, 1976 (Appendix, pp. 88-96)**

**H**ere, now and forever: Lake Texoma in April for SWAP. The flap over House Bill 479 in Texas had died and there is no mention in SWAP archives whether it passed the Texas legislature or not. There were 102 in attendance at the ninth meeting and 46 oral presentations were made. An issue of major importance brought to the attention of SWAP members by Mike Kemp, SWAP representative to ASP Council, was the precarious financial situation of ASP, which had resulted in dues increases and reduced free pages in the *Journal*; this would be an issue that would come back to haunt SWAP in a very personal way in future years.

Two issues engendered lengthy discussion at the annual Business Meeting. The first, discussed in 1971, had to do with regional representatives having voting rights when they attended ASP Council meetings. Mike Kemp, our SWAP representative, pointed out that he felt powerless, if not useless, without voting rights when he attended Council meetings. However, there was still a strong and vocal contingent within SWAP, who felt that our representative should not be able to vote. Frank Sogandares–Bernal moved that representatives of affiliate organizations to ASP should remain as non-voting members, a motion that was seconded by Dick Lumsden. After lengthy discussion without apparent resolution, Teague Self suggested that members be given a chance to think over the problem until the next SWAP meeting by moving that the Sogandares–Bernal motion be tabled. This was seconded by Dick Seed and passed unanimously.

The second major issue of the business meeting dealt with the current success SWAP was experiencing: there were almost too many papers being presented to fit into the time allotted for our two-day meeting. A variety of possible solutions were proposed, from increasing the length of the meeting to holding simultaneous paper sessions. Ultimately, reason prevailed and the decision was made to encourage poster sessions, and Secretary–Treasurer Meade was instructed to discuss the issue with next year’s program chairperson, Calvin Beams (new Vice-President). The Teller’s Committee (Ben Harris, John Janovy, Jr. and George Stewart) reported that Cal Beams had been elected Vice-President for 1976–77, but that a tie vote for President existed between Dick Lumsden and Dick Seed. With the consent of both persons, Gil Castro used his presidential authority and announced that Dr. Lumsden would serve as President for 1976–77 and Dr. Seed would serve for 1977–78. At the evening banquet on the 23<sup>rd</sup>, President Castro presented a plaque to B.J. Myers, expressing SWAP’s appreciation for all of her hard work, on the occasion of her departure from the southwest. The Secretary–Treasurer’s Financial Report



certified a balance in the SWAP treasury of \$1,004.78 on April 7, 1976, but no mention was made on the status of the number of members for 1976. During the latter months of 1976, SWAP officers began to discuss the issue of incorporating SWAP as a tax-exempt scientific organization after discussions with legal advisors from the American Institute of Biological Sciences (AIBS). There also was movement to amend our Constitution so that the SWAP representative to ASP Council would become an elected position, rather than an appointed one.

### The Tenth Meeting: April 21-23, 1977 (Appendix, pp. 97-106)

This was the meeting at which Gil Castro and Don Duszynski were sucked into a seep hole (up to their waists!) that resulted from maintenance work being done on one of the leach fields draining the septic system just east of the main dining hall-dormitory building. It was a smelly, gooey mess that was hysterical to everyone except Castro and Duszynski. Even funnier was when they ran to their room and were standing in the shower together taking their muddy clothes off when Dr. Norm Weisbrodt entered the room, not knowing what had happened, and thought he was interrupting some "other" event taking place! One hundred-three persons attended this meeting and 41 scientific contributions were made, 35 oral presentations were heard and, for only the second time at SWAP, posters were displayed (6).

Two issues, representation and incorporation, entertained the membership at the annual Business Meeting. The first included amending the SWAP Constitution to indicate that the society's representative to ASP Council be elected by the members rather than appointed by the President. After considerable discussion, debate, amendment and substitute motion, the following was adopted by a vote of 30 for and 9 against: "The term of office for the Association's representative to the Council of the American Society of Parasitologists shall be one year, with one person elected to no more than two additional one-year terms of office." However noble electing

of our representative to ASP Council may have seemed at the time, it was still representation by a paper tiger. The motion made by Sogandares-Bernal at the 1976 meeting, and then tabled, was removed from the table and brought to the floor. The motion stipulated that our ASP representative should remain a *non-voting* member of the Council. After a short discussion, the resolution passed by a voice vote, "Be it resolved that SWAP goes on record along with the officers of ASP who recommend that affiliate representatives to the Council of ASP not have voting privileges on the Council of ASP." In hindsight, the question arises as to what were certain members of ASP Council, and officers of SWAP, afraid of to want to intentionally disenfranchise the vote of regional representatives?

Another issue of interest to the members was the IRS. Some members were getting nervous about the tax status of SWAP. Thus, a motion was made and passed unanimously that the new Secretary-Treasurer file for tax exemption and seek the necessary legal counsel to investigate incorporation for SWAP. The Secretary-Treasurer's Financial Report verified a balance in the SWAP treasury of \$1,038.63 on April 12, 1977 and, once again, no mention was made of the number of members for 1977. The Nominating and Teller's Committee report, made by Frank Sogandares-Bernal, announced that the officers elected for 1977-78 were Dick Seed, President; Cal Beams, Jr., Vice-President; and David Becker, Secretary-Treasurer. At the end of the meeting, Dick Seed was recognized by Dick Lumsden as the new President of SWAP. His first order of business was to ask that student representatives be named to offices in SWAP, in accordance with Section IV-6 of the current SWAP Constitution, a tradition that had fallen into disuse since about 1972. He immediately named Harold Underwood to be the new student President, but there is no record of student assistants being selected for the other offices. A month after the meeting ended, President Seed asked Secretary-Treasurer Becker, to chair an *ad hoc* Committee to revise the SWAP Constitution to better incor-

porate the amendments adopted during the 1976 business meeting. Also, Harold Underwood became proactive and wrote to all SWAP members notifying them of his intention to develop a symposium to be presented at the 1978 meeting and asking for comments and suggestions.

**The Eleventh Meeting: April 20-22, 1978  
(Appendix, pp. 107-116)**

**W**hen SWAP members arrived at the UOBS this year, they were greeted by a cross planted in the lawn, east of the main building, the site of the “sink-hole” incident the previous year. On the arms of the cross were tied an old pair of tennis shoes with the inscription, “Here lie the ‘soles’ of Drs. Castro and Duszynski.” Never a dull moment at SWAP meetings! This year, SWAP enjoyed its largest attendance in its history: 133 participants, of which 121 paid their registration fee; 33 oral papers and four posters were presented.

In his final report to SWAP as our representative to ASP Council, Mike Kemp noted that Clayton Page, one of our members, had replaced Don Moore, another of our SWAP family, as Secretary–Treasurer of the ASP. In addition, three other SWAP members had been elected to office in ASP: Sue Carlisle and M.D. Little were elected to ASP Council, and Don Duszynski was elected as Chair of the ASP Nominating Committee. Frank Sogandares–Bernal added that Don Moore had been presented a special award by ASP Council in recognition of his efforts during his 12-year service as Secretary–Treasurer of ASP. The membership of SWAP added its endorsement to this award. The Nominating Committee’s Report, presented by Chairman J. Janovy, Jr., affirmed that the following officers had been elected for 1978–79: Cal Beams, Jr., President; D.W. Duszynski, Vice-President; D.A. Becker, Secretary–Treasurer; and D.G. Huffman, Representative to ASP Council. Secretary–Treasurer Becker reported that, on the advice of a former IRS agent, incorporation was not necessary prior to filing for tax exemption for SWAP, and that said filing had been done. The membership then dis-

cussed, and later passed, a motion that the other affiliated associations, along with SWAP, request that ASP Council consider writing a letter to the National Science Foundation (NSF) requesting them to establish a parasitology granting section. The Secretary–Treasurer’s Financial Report showed a balance in the SWAP treasury of \$995.53 on April 3, 1978; also, as of April 1978, there were 102 regular members and 51 students who had paid their dues, while 23 regular members and 22 student members on the books had not paid their dues in 1978. Finally, the Resolution Committee (Pete Pappas and Earl Weidner) wrote out its resolution in full so it could become part of the permanent record. As will be evident soon, the SWAP Resolutions were to become quiet creative over the next two decades.

**The Twelfth Meeting: April 19-21, 1979  
(Appendix, pp. 117-123)**

**T**here were 124 in attendance at this meeting, of whom 99 paid their registration fee. The gradual decline in the number of papers presented continued from our peak year of 1976, when 46 papers were given, to 36 this year, which included 32 oral presentations and four posters. The 12<sup>th</sup> meeting saw one of the shortest and least controversial business meetings in SWAP history (literally, the calm before the storm). The Secretary–Treasurer’s Financial Report showed a balance in the SWAP treasury of \$1,122.60 on March 31, 1979. Also, as of April, 1979, 105 regular members and 43 students had paid their dues, while 31 regular members and 47 student members had not paid their membership dues in 1979, according to the Secretary–Treasurer’s Report on Membership. This indicated that there were about 226 names on some membership lists at the time. However, the “official” membership list sent by Dave Becker to SWAP’s newly-elected President, Don Duszynski, on August 9, 1979, listed 193 members from 23 U.S. states and one Canadian Province (Table IV). The Nominating Committee’s Report, presented by Chairman Gil Castro, announced that the following officers had been

Table IV. List of SWAP membership, by state, compiled from 17 lists in SWAP archives and the years in which they were available.

Country/State	1968	1969	1979	1981	1982	1982	1990	1991	1992	1993	1994	1996	1997	1998	1999	2000	2001	2002	No.	Mean*
Canada																				
Alberta	0	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	10	<1
Br. Columbia	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	<1
Ontario	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	4	<1
Winnipeg	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	<1
England																				
Berke	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	<1
Iran																				
Tehran	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	<1
Urmia	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	10	<1
United States																				
Arizona	0	8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	11	<1
Arkansas	1	2	9	6	3	3	2	2	2	2	2	3	1	1	1	2	3	3	45	<3
California	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	7	<1
Colorado	0	0	0	0	0	0	2	3	2	2	2	2	2	2	2	4	4	4	29	2
Connecticut	0	0	0	0	0	0	1	1	1	1	1	1	3	3	4	3	3	3	25	2
Florida	0	0	0	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	18	1
Georgia	0	0	0	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	8	<1
Illinois	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	<1
Indiana	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	7	<1
Iowa	0	0	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	0	14	1
Kansas	1	6	2	2	2	2	3	5	6	5	5	0	1	1	7	17	4	8	75	4
Kentucky	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	<1
Louisiana	31	66	29	27	17	17	4	4	4	3	3	2	3	3	2	0	1	1	200	12
Maryland	1	0	2	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	10	<1
Massachusetts	0	0	2	3	2	2	0	1	0	0	0	0	0	0	0	0	0	0	8	<1
Michigan	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	6	<1
Mississippi	0	0	4	4	2	2	1	1	1	1	1	1	3	3	3	3	3	2	33	2
Missouri	0	1	2	1	1	1	3	3	3	2	2	2	2	3	2	3	2	2	34	2
Nebraska	0	0	5	9	5	5	11	15	13	15	16	21	20	16	21	30	24	30	251	15
Nevada	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	<1
New Jersey	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	5	<1

Table IV (continued).

Country/State	1968	1969	1979	1981	1982	1980	1990	1991	1992	1993	1994	1996	1997	1998	1999	2000	2001	2002	No. Mean*	
New Mexico	2	6	3	6	8	7	10	11	10	10	12	12	16	19	9	12	10	10	163	10
New York	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	6	<1
N. Carolina	0	0	1	1	2	1	2	2	2	2	2	1	2	2	2	2	1	1	24	1
Ohio	0	0	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	<1
Oklahoma	7	22	29	29	31	14	22	26	22	21	20	17	18	17	15	17	15	17	337	20
Oregon	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	<1
Pennsylvania	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	6	<1
Rhode Island	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	<1
S. Carolina	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	10	<1
Tennessee	0	0	1	1	0	1	1	1	1	1	1	0	1	1	0	0	0	0	9	<1
Texas	28	78	87	105	81	51	68	76	68	56	55	56	60	64	54	98	60	72	1149	68
Utah	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	<1
Virginia	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	<1
Washington	0	0	0	1	2	0	0	0	0	1	1	0	0	0	0	0	0	0	5	<1
Wash. DC	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	5	<1
Wisconsin	0	0	0	0	0	4	5	4	5	4	2	2	3	2	1	1	1	1	30	2
Wyoming	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	<1
Totals	71	184	193	224	176	112	149	163	149	137	134	132	146	146	129	196	134	160	2,586	152

\* Number for 17 years x 2 divided by 34 years to reach a reasonable approximation of the mean number of SWAP members per country/state over 35 years. Numbers are rounded up or down to the nearest whole number.

elected for 1979–80: Don Duszynski, President; Mike Kemp, Vice-President; Dave Becker, Secretary–Treasurer; and John Janovy, Jr., Representative to ASP Council. The Resolutions Committee report was presented by George Stewart.

### **The Thirteenth Meeting: April 17-19, 1980 (Appendix, pp. 124-162)**

**H**as 13 always been considered an unlucky number? In its 13<sup>th</sup> year, SWAP, its officers and its members were forced to confront a scandal that shook it to its very core and polarized many of its members; a scandal that could have led to the demise of a lesser group of people. The scandal did not involve SWAP directly, but it did embroil one of our members, Dr. Clayton R. Page, III, then an Assistant Professor of Biology at Tulane University and the elected Secretary–Treasurer of our parent organization, the ASP. The story began to unfold in the months and weeks before our 13<sup>th</sup> meeting began.

On February 25, 1980, John Janovy, Jr., wrote a letter to then Secretary–Treasurer of SWAP, Dave Becker, informing him of correspondence he received from ASP President Dr. Norman D. Levine, concerning an investigation of SWAP member Page. Janovy had received the correspondence from Levine because of his position as SWAP Representative to ASP Council. The information, at the time, was considered confidential and John was seeking Dave’s wisdom on how best to present the issue to SWAP’s membership in his report due at the upcoming meeting in April. His letter and Dave’s reply provide interesting reading (Appendix, pp. 127-128).

On April 3, 1980, the U.S. Attorney’s Office in New Orleans, Louisiana, issued a press release that, on this day, a Federal Grand Jury in New Orleans had indicted Dr. Clayton R. Page, III, on 12 charges of fraud relating to the misuse of funds from grants provided by the National Science Foundation, the World Health Organization, and the American Cancer Society; Tulane University and the ASP also were listed as victims of the activities alleged in the indictment (Box 3). A copy of the official indictment, also dated April 3<sup>rd</sup>, is

in the Appendix (pp. 129-138); whether we like it or not and whether we want to remember it or not, this is an important part of our history. On April 4<sup>th</sup>, articles providing the first public information on the indictment appeared in New Orleans in *The Times–Picayune* and *The States–Item* newspapers (Box 4) and on April 11<sup>th</sup>, *The Tulane Hullabaloo*, the Tulane campus newspaper, published its version (Box 5).

There is a bit of the Page story that was shrouded in secrecy until the mystery was clarified somewhat in a letter dated April 7<sup>th</sup> by Mr. Frank M. Stevenson, Special Agent from the Inspector General’s Office; Mr. Stevenson had been the chief investigator working with the Department of Justice during the investigation (Appendix, pp. 139-140). In 1980, Dr. N.D. Levine was the elected President of the ASP, but he was recuperating from heart surgery at the time, under a physician’s supervision, and could not actively participate in the Page investigation. Consequently, Dr. Levine appointed Dr. Martin J. Ulmer, a former president and secretary–treasurer of the ASP, as his liaison with the Department of Justice during the investigation. Dr. Ulmer is a man of the highest personal integrity but, nonetheless, Dr. Levine received significant and unduly vitriolic criticism for his appointment both verbally and in writing. On April 9<sup>th</sup>, he wrote a memo to the voting members of ASP Council, outlining the events of the Page case to that date (Appendix, p. 141-142); an example of one of the more mildly critical letters, dated April 18<sup>th</sup>, was written by Dr. Gilbert F. Otto, a strong supporter of Dr. Page (Appendix, pp. 143-144). In hindsight, much of the criticism of Levine was because Dr. Ulmer was not considered to be one of the “insiders” of the group that controlled the ASP at the time. In his April 7<sup>th</sup> letter, Mr. Stevenson pointed out that he initially contacted previous ASP Secretary–Treasurer Dr. Donald Moore (who had hand-picked Page to succeed him as secretary–treasurer), as “the most likely individual to assist in this regard.” However, Dr. Moore voiced strenuous objection both to being subpoenaed and to the investi-

Box 3. The official press release by the U.S. District Attorney's Office announcing the indictment of SWAP member and ASP Secretary–Treasurer, Dr. C.R. Page, III.



*United States Department of Justice*

UNITED STATES ATTORNEY  
EASTERN DISTRICT OF LOUISIANA  
NEW ORLEANS, LOUISIANA 70130

PRESS RELEASE

April 3, 1980

A Federal Grand Jury in New Orleans today indicted Dr. Clayton R. Page, III, a Biology Professor at Tulane University, on various charges relating to the misuse of funds from grants provided by the National Science Foundation, the World Health Organization and the American Cancer Society. Tulane University and the American Society of Parasitologists were also listed as victims of the activities alleged in the indictment.

United States Attorney John Volz stated that the 12-count indictment charges Page with having devised a scheme whereby he diverted funds from research grants, and from the victims named in the indictment, to his personal use. The indictment alleges that Page employed and paid a relative for laboratory work which was not done, with funds provided by the National Science Foundation; and, that the same relative was also paid by Page from the treasury of the American Society of Parasitologists for nonexistent secretarial services. It is also alleged that Page submitted fraudulent travel vouchers for reimbursement for personal trips, and reimbursement from more than one source of funding for the same travel. The indictment further charges that Page made a fraudulent claim for travel reimbursement from the National Institute of Health for travel to Warsaw, Poland.

Volz said that the indictment resulted from an investigation by criminal investigators of the Department of Health, Education and Welfare. Volz commended Tulane University for its full cooperation in the investigation, and further commented that, "The great majority of research grantees are professional persons of high integrity, however,

**Box 4. New Orleans newspapers break the story on Clayton Page's indictment, April 4, 1980.**

From *The Times-Picayune*, New Orleans, LA, Friday, April 4, 1980:

Tulane Biol Prof Indicted

Clayton R. Page III, an assistant professor of biology at Tulane University, was indicted Thursday by a federal grand jury on 12 counts allegedly relating to the misuse of federal grants. According to U.S. Attorney John Volz, the indictment involves grants from the National Science Foundation, The World Health Organization and the American Cancer Society. Listed in the indictment as victims of the activities alleged in the indictment were the American Society of Parasitologists. It is charged in the true bill returned to the U.S. Magistrate Ingard O. Johanneson that Page devised a scheme through which he diverted funds from research grants and from victims to his personal use. It is charged that Page employed and paid a relative for laboratory work which was not done with funds provided by the National Science Foundation, and that the relative was also paid by Page from the treasury of the American Society of Parasitologists for secretarial work which was not done. The indictment also charges that Page submitted false travel vouchers for personal trips and that he made fraudulent claims for travel reimbursement from the National Institutes of Health for travel.

From *The States-Item*, New Orleans, LA, Friday, April 4, 1980:

Tulane Assistant Professor Indicted on Fraud Charges  
by Dean Baquet

A federal grand jury has indicted a Tulane University assistant professor of biology on charges of fraud by using research money from non-profit organizations to pay a relative's salary, take trips, and buy books and film equipment. Clayton R. Page III is accused of defrauding the National Science Foundation, the World Health Organization, the American Society of Parasitologists, and Tulane University. He allegedly received more than \$76,000 from those organizations for a research project entitled "African Trypanosomiasis: Altered Host Amino Acid Metabolism." The indictment charges that he diverted some of the money of that project from science-related purposes to his personal use. Page is charged with making fraudulent claims and false statements. If convicted, he faces a maximum sentence of 60 years in prison and a \$48,000 fine, according to Assistant U.S. Attorney Veta Carney, who headed the investigation that led to Page's indictment. One of his colleagues at Tulane's biology department described Page as an "up-and-coming" young member of the faculty. A 1977 article in *The States-Item* said Page and another professor had discovered plant seeds capable of eating mosquito larvae. Specifically, the 12-count indictment charges that Page:

– Arranged for a relative to be paid a salary for more than a year with part of a \$57,500 grant from the federally funded National Science Foundation, even though the relative did no work. The relative, who is not identified in the indictment, also was paid for the same work by the American Society of Parasitologists, a private professional organization, the indictment asserts. Page is secretary-treasurer of that organization.

(continued on next page)

**Box 4 (continued). New Orleans newspapers break the story on Clayton Page’s indictment, April 4, 1980.**

Continued from *The States-Item*, New Orleans, LA, Friday, April 4, 1980, “Tulane Assistant Professor Indicted on Fraud Charges”:

- Submitted vouchers to the National Science Foundation for a trip to a conference in Warsaw, Poland. According to the indictment, Page did not inform the foundation that Tulane University already had paid for that trip.
- Purchased books such as *To Peking and Beyond* and *Women and Child Care in China* with money from the Science Foundation project. He also used \$3,000 of the grant to buy camera equipment, film, and to pay for film processing that was not used in his research, the indictment asserts.
- Charged Tulane’s biology department for travel he did not actually make. The indictment says Page made a reservation from New Orleans to Miami, Fla., and New York City and billed Tulane for the full amount. He then canceled these flights and arranged other flights to and from Europe, the indictment says. Page did not notify Tulane of the cancellation, but instructed the travel bureau to refund the money to him, the indictment charges.
- Failed to comply with conditions of a \$4,416 grant for research from the American Cancer Society and submitted false statements regarding his progress. According to the indictment, Page used part of this grant money to pay dues and membership fees in various organizations.
- Purchased books with money from a \$15,000 World Health Organization grant even though they are not related to his research. These books included such popular fiction as *Scruples* and *Looking for Mr. Goodbar*. The indictment asserts he also bought a book entitled *Key to Chinese Cooking* with the research money.

gation, and essentially refused to cooperate. Later in the letter, Mr. Stevenson revealed that it was he who had selected and initially contacted Dr. Ulmer because of “his intimate knowledge of the organization but also his willingness to cooperate with an official law enforcement investigation being conducted by the Department of Justice.” Stevenson conveyed this to Levine, and Levine concurred; thus, it was Mr. Stevenson who *selected* Dr. Ulmer to be the ASP liaison, not Dr. Levine, who received the lion’s share of the criticism for appointing him.

Such was the cloud under which the 13<sup>th</sup> Annual Meeting of SWAP convened on April 17, 1980. It was a smaller meeting than in previous years, in terms of attendance, with less than 100 persons, but Secretary–Treasurer Becker didn’t record the exact number

registered. Thirty oral presentations and three posters were presented.

The Business Meeting chaired by President Duszynski was a somber event that progressed quickly with few issues and little discussion. The issue of the Page indictment was presented initially by John Janovy in his report as SWAP Representative to ASP Council, and supplemented by Duszynski in a concise list of only the information he had received, to date, from ASP liaison Dr. Ulmer. There was neither discussion nor comment on this controversial issue and, for some unknown reason, the details were not recorded in the minutes of the meeting other than by this simple reference: “Representative to ASP Council—John Janovy (See attachment)” (Appendix, p. 146). The Secretary–Treasurer’s Financial Report showed a balance in the SWAP treasury of \$974.99 on March



Box 5. April 11, 1980, the Tulane University campus newspaper releases the indictment story on Dr. C.R. Page.

**THE TULANE HULLABALOO**

NEW ORLEANS, LOUISIANA  
TELEPHONE: 865-6217

**ARCADE**  
did not publish this week as the staff prepares for a special final issue next Friday.

VOLUME LXXX, NO. 24 WINNER OF THE 1979 PACEMAKER AWARD APRIL 11, 1980

**Biology Professor Indicted On Twelve Fraud Counts**

By RICK LERNER  
Executive Editor

A Federal Grand Jury has capped off a three-month investigation conducted by the Department of Health, Education, and Welfare with a twelve count indictment of Tulane Biology Professor Clayton R. Page III.

Page faces charges of mail fraud, fraudulent claims, and false statements, all related to the misuse of funds from grants provided by the National Science Foundation, the World Health Organization, and the American Cancer

Society. The indictment also cited Tulane University and the American Society of Parasitologists as victims of Page's alleged illegal activity.

According to United States Attorney John Volz, Page devised a scheme whereby he diverted funds from research grants, and from the victims named in the indictment, to his personal use.

The indictment claims that Page paid a relative for laboratory work, which was never done, with funds provided by the National Science Foundation. The same relative was also allegedly paid by Page for non-existent secretarial services, this time out of the funds of the American Society of Parasitologists. Page served as national Secretary/Treasurer of this organization, which is funded by HEW.

The government also claims that Page submitted fraudulent travel vouchers for reimbursement of personal trips, and for reimbursement from more than one source of funding for the same travel.

Volz explained that the

indictment resulted from an investigation by HEW criminal investigators. HEW began its probe on campus in early January after a routine audit showed signs of wrong-doing.

Tulane has its own auditing system to supervise the administration of research grants, since all sponsorship contracts are handled through the University. But according to President Hackney, Page's alleged actions "had as their purpose to deceive that auditing system."

Page stands accused of falsifying expense records, a maneuver which Hackney claims a "normal auditor is not going to catch." HEW's auditors are trained specifically to detect signs of white-collar crime.

"I have no doubt that this would have eventually surfaced here as well," explained S. Frederick Starr, Vice-President for Academic Affairs. No changes in auditing procedure or personnel have been instituted at Tulane as a result of the Page indictment.


According to Hackney, "a number of faculty members have (See INDICTMENT, Page 19)

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF LOUISIANA

INDICTMENT FOR MAIL FRAUD, FRAUDULENT CLAIMS, AND FALSE STATEMENTS

UNITED STATES OF AMERICA  
v.  
CLAYTON R. PAGE, III

CRIMINAL DOCKET NO.  
SECTION: 80-117  
VIOLATION: 18 USC 1341  
18 USC 287  
18 USC 1003



CLAYTON R. PAGE III  
Principal Investigator of said project.

4. The Tulane University Accounting Office established internal account number 68643 for the funds

The University has already set in motion the official internal procedures stipulated by the Faculty Handbook for just-cause dismissal of a tenured faculty member.

According to University regulations, the multi-step grievance procedure for tenured faculty includes a meeting between the faculty member and his dean, an informal inquiry into the allegation, and then, if necessary, a formal hearing before a committee composed of faculty members which makes a recommendation to the president of the University.

Page, who was named assistant professor of biology at the University in 1971, specializes in cell physiology and parasitology. His research has centered on investigations into African trypanosomiasis, a form of sleeping sickness caused by the bite of the tsetse fly that is a major public health problem in African countries.

Page requested to be relieved of his teaching duties this semester, and was granted such permission from the administration. He could not be reached for comment on numerous occasions this week.

*Tulane News Service contributed to this report.*

**T.U. 'Victim' of Page Indictment**

(INDICTMENT, from Page 1) been nervous about the possible effects" of this case on their chances of securing research grants.

The University has reassured outside research funding agencies that "this is a single case of aberrant behavior," said Hackney.

Starr insisted that Tulane is the victim in this incident, and that "funding agencies are not going to punish the victim."

This claim was reinforced by Dr. Steven Schiaffino, Acting Director of the Research Grants Division of the National Institute of Health (HEW). He told The Hullabaloo this week that an incident involving one professor "would not have an effect on the rest of the faculty."

He did add that cases involving misuse of research funds "are very, very rare."

U.S. Attorney Volz commended Tulane for its cooperation in the investigation, and commented that "the great majority of research grantees are professional persons of high integrity, however, those few who attempt to defraud the government through these programs will be dealt with appropriately."

Assistant U.S. Attorney Veta Carney, who coordinated the investigation, informed The Hullabaloo that a trial date has not yet been set. Page faces a maximum sentence of 60 years imprisonment, or a fine of \$48,000, or both, if convicted on all twelve counts.

31, 1980; also, as of April, 1980, 94 regular members and 39 students had paid their dues, while 34 regular members and 34 student members had not paid their dues in 1980. The Nominating Committee's Report, presented by Chairman George Stewart, announced that the following officers had been elected for 1980–81: Mike Kemp, President; John Ubelaker, Vice-President; David Huffman, Secretary–Treasurer; and John Janovy, Jr., Representative to ASP Council. The Resolutions Committee Report was presented by Norman O. Dronan, Jr.

On June 13, 1980, the Louisiana District Court revised its indictment of Dr. Page to 10 counts and the last historic document in SWAP records on this matter is a letter dated July 25, 1980, from Dr. J. Ulmer to "Officers, Council Members, Chairmen of Committees, and Representatives of Affiliates" of ASP that summarized the Page indictment to that moment and included a copy of the revised indictment (Appendix, pp. 153-162).

#### **The Fourteenth Meeting: April 2-4, 1981 (Appendix, pp. 163-179)**

According to the minutes in the Secretary–Treasurer's report, there were 107 persons present at this meeting, 88 of whom were dues paying members; 27 oral papers and five posters were presented.

When the business meeting began, Norm Dronan moved that President Mike Kemp suspend the Rules of Order for a special presentation; this was seconded by Dick Seed. Don Moore then read some "Comments on the career of Robert E. Kuntz" (Appendix, pp. 168-175), who was soon to retire and presented him with a book of letters from 34 colleagues across the U.S. that read like a parasitologist's *Who's Who*. John Ubelaker, SWAP Vice-President, moved that Kuntz be granted Honorary Membership in SWAP, David Huffman seconded and the question carried unanimously. Unfortunately, several documents from the annual business meeting are missing from SWAP archives; these include Huffman's Treasurer's report and Janovy's written report as SWAP representative to ASP Council.

The Nominating Committee's report, presented by Chairman Marc Dresden, announced that the following officers had been elected for 1981–82: John Ubelaker, President; Larry Roberts, Vice-President; David Huffman, Secretary–Treasurer; and John Janovy, Jr., Representative to ASP Council. The Resolutions Committee report was presented by Ken Warren.

After the 13<sup>th</sup> SWAP meeting, President Kemp charged Secretary–Treasurer Huffman with the task of bringing the SWAP constitution up to date; Dave Becker and Tom Meade were appointed to advise Huffman. Prior to the 14<sup>th</sup> meeting, all SWAP members received a letter (undated) from Huffman explaining the seven amendments proposed by his committee and the rationale for each (Appendix, pp. 176-179). After these amendments were discussed, Don Moore moved that all amendments be accepted "as is." The motion was seconded by Ken Warren, and the question carried by voice vote.

Seven months after our April meeting, another member of SWAP, Frank Fisher, from Rice University, made minor headlines in Rice's magazine, *Sallyport* (Box 6). Fortunately, Frank lived and most SWAP members never learned of the event, or they would have tormented him mercilessly.

#### **The Fifteenth Meeting: April 15-17, 1982 (Appendix, pp. 180-194)**

Both attendance (more than 30%) and the number of papers/posters presented (25%) dropped off significantly from the previous meeting; although no official total number of attendees was recorded, it was clear that far fewer than 100 attended, only 71 dues-paying members registered, and only 26 presentations were made, including 21 oral papers, four posters and a special presentation at the Business Meeting by John Janovy, Jr.

One of the reasons given during the Business Meeting for the poor attendance was that this year's meeting conflicted with the Federation (FASEB) meetings, which a significant percentage of our members regularly attend and consider more critical than SWAP.

**Box 6. Another member of SWAP, Dr. Frank Fisher of Rice University, makes headlines in Rice University's *Sallyport* magazine (November, 1981).**

Gators 1; Biologists 0

And speaking of alligators . . . have you heard the one about the Texas gator and the Ph.D. biologist? It seems Frank Fisher, professor of biology, was conducting field research in Chambers County one morning a few weeks ago. He, colleague Ron Sass, and three graduate students encountered an alligator resting in about an inch of water. Understandably reluctant to disturb the reptile, they continued their business in another direction. But when Frank returned to the same area that evening and saw that the gator had not moved, he became curious. Cautiously approaching it, he detected no signs of life. With the greatest of care, he touched the animal's head, but still there was no response, so he decided to grab its muzzle and flip the crocodilian. Unfortunately, Frank's hand ended up in the mouth of a startled and not-at-all friendly gator: the biologist received nine puncture wounds and a broken bone. In such a situation, a Ph.D. apparently is not worth crocodile tears—and no LaCoste sportswear, *please*.

After discussion, it was decided to work out the dates for the next five SWAP meetings with Loren Hill so as not to conflict with other major meetings. It was hoped that these dates could be presented to the membership for approval at the next meeting.

The Secretary-Treasurer's Financial Report showed a balance in the SWAP treasury of \$610.52; David Huffman indicated that SWAP made money this past year for the first time since 1978, primarily due to changes in the program format. As of April 1982, David reported 180 SWAP members, although the printout he gave at the meeting listed only 176, a drop of 21.5% from the 224 members

on the printout he gave in 1981 (Table IV). However, only 68 of the 176 (39%) had paid their 1982 dues, vs. 51% of the 1981 membership.

Unfortunately, Dr. Janovy's written report as SWAP representative to ASP Council, once again, is missing from SWAP archives. Dr. Huffman reminded the membership of their approval of the amendments at the last meeting with the intention of approving the revised constitution incorporating the meaning of the seven amendments. This new constitution had been mailed with the *Call For Papers* to this meeting; there was no discussion and the motion to approve the new constitution (Appendix, pp. 191-193) passed unanimously.

Teague Self reminded the members that this was the 15<sup>th</sup> Anniversary of SWAP and talked for a few moments about our early history, its philosophy, and argued that SWAP is an organization fully deserving our continued support. Don Duszynski indicated that he had a rough draft of the history of the first 15 years of SWAP and would distribute it to the charter members for their review before binding and archiving with our parent organization, the ASP.

After Janovy presented his account of the last ASP Council meeting, Duszynski expressed his disappointment with the expensive structure of the upcoming ICOPA-V meeting scheduled for Toronto, 7-14 August, and asked if Council had been consulted on a number of the issues which, apparently, drove up the registration fee (\$200). This issue generated *considerable*, sometimes heated, discussion, both pro and con. Lillian Mayberry suggested tabling the discussion to think it over and to try to work out a resolution for an unprecedented special business meeting on Saturday morning. President Ubelaker asked Don Duszynski to get together with some people to work up a draft resolution to be posted on the bulletin board in the UOBS dining hall prior to the special meeting on Saturday. Secretary-Treasurer Huffman recorded separate minutes of the Saturday meeting (Appendix, pp. 186-188). At the end of the SWAP Special Session, the member-

ship in attendance unanimously passed a resolution on the ICOPA-V issue and asked John Janovy, our representative to ASP Council, to pass our resolution to ASP Council in Toronto (Box 7). Our resolution also was mailed to all other affiliate societies of the ASP and placed in the ASP Newsletter. At the close of the special session, Janice Moore remarked that the ICOPA-V registration fee was reminiscent of the sometimes exorbitant cover charges required to get into dance halls and she was reminded of a song by an Austin, Texas, musician: “How can I dance when I get inside if it costs an arm and a leg at the door?”

The Nominating Committee’s Report, presented by Chairman David Becker, announced that the following officers had been elected for 1982–83: Larry Roberts, President; Bob McAllister, Vice-President; David Huffman, Secretary–Treasurer; and John Janovy, Jr., Representative to ASP Council. The Resolutions Committee Report was presented by Dr. J. Sharpe (Appendix, p. 194).

**The Sixteenth Meeting: April 21-23, 1983  
(Appendix, pp. 195-204)**

**T**he number of papers presented at the 16<sup>th</sup> annual meeting was 45, almost double the number presented in 1982

**Box 7. SWAP’s resolution protesting the registration fees at ICOPA-V, April 16, 1982.**

Resolution Protesting the Registration Fees at ICOPA V  
Southwestern Association of Parasitologists  
April 16, 1981

WHEREAS

The cost of attending ICOPA-V seems so expensive to some of our members, particularly students and recent graduates, and

WHEREAS

These excessive costs seem to discriminate against graduate and undergraduate students who, in reality, constitute the future generation of our Society, and

WHEREAS

The American Society of Parasitologists is a co-sponsor of ICOPA-V and the ASP was not afforded an opportunity to make any decisions on costs and other arrangements of this international meeting, and

WHEREAS

Some of the excessive costs seem to be attributed to required funding of non-scientific activities, which we believe should be optional for each individual,

THEREFORE BE IT RESOLVED

That we, the membership and officers of the Southwestern Association of Parasitologists, strongly protest the arrangements and recommend that our objections be duly considered by ASP Council and forwarded through them to the organizers of ICOPA-V.

(Table II). Probably more than 100 persons attended, but the actual number of participants and registrants was not recorded this year. The Secretary–Treasurer’s Financial Report showed a balance in the SWAP treasury on April 8, 1983 of \$1,175.60, again, almost double that of 1982. The rumors of SWAP’s impending demise the previous year were greatly exaggerated (!) as both the treasury and the membership were in good shape.

John Janovy, our representative to ASP Council, read his report of the 72<sup>nd</sup> Council Meeting to the SWAP membership. Of interest was the reaction of the Canadians to the resolution passed last year stating SWAP’s opinion on the costs and planning of ICOPA-V, a resolution that was also published in the ASP Newsletter that appeared shortly before ICOPA-V. As a result, Drs. Murry Fallis and David Mettrick addressed ASP Council on the SWAP resolution, offering their explanations and rebuttals, as well as asking for Newsletter space to reply to the SWAP action. Another regional group, the Annual Midwest Conference of Parasitologists (AMCOP) also passed a resolution similar to that of SWAP, but it did not appear in the ASP Newsletter. Although by the time of the Council meeting there was nothing that could be done except talk about the problems addressed in the SWAP resolution, John assured us that we “should nevertheless rest assured that you can get someone’s attention by passing a resolution and having it published in the ASP Newsletter!”

Don Duszynski noted that the 15-Year History of SWAP was now completed and read portions of the document at the business meeting. A motion was presented and passed unanimously to have a volume bound for ASP records and (possibly) additional copies made available for sale to interested members (the former was done, but the latter was not).

This was the first meeting where *computer* and *SWAP* were mentioned in the same breath. Dave Huffman indicated that the purchase of new “software” (a term that had to be defined) would be necessary if SWAP records were to be maintained on a “microcomputer.” No formal action was taken.

All 45 presentations this year were given as oral papers, which created a bit of a scheduling problem given our short meeting schedule. Ben Harris strongly recommended that, in the future, all authors should consider poster presentations that would allow more personal interactions among all members. More than 42 presentations (Table II) seems to periodically trigger this discussion. The last time it occurred was at the ninth meeting in 1976 when there were 46 oral presentations. From the 10<sup>th</sup> (1977) through the 15<sup>th</sup> (1982) annual meetings, there were fewer papers, and only between 3–6 posters (mean = 4.3) at these last six meetings.

Another issue that hadn’t been discussed since the sixth meeting (1973) came up again this year. In 1973, SWAP members unanimously decided *not* to establish either a formal or informal award for student research presentations (“at this point in time”). However, the possibility of spending SWAP money for student awards at our annual meeting was discussed again this year, but no formal action was taken “at this point in time.”

#### **The Seventeenth Meeting: April 19-21, 1984 (Appendix, pp. 205-212)**

**T**he early organization for this meeting encouraged members to place increased emphasis on giving poster vs. oral presentations; the result was that eight of 22 presentations were posters. Unfortunately, this was the smallest number of presentations at SWAP since the first official meeting in 1968, when there were 11 papers. The annual Business Meeting was called to order by President David Huffman. The Treasurer’s report by Alan Kocan showed a balance of \$1,179.09 on April 1, 1984. The new officers for 1984–85 were: President, Ben Harris; Vice President, Jack Bristol; Secretary–Treasurer, Alan Kocan; ASP Representative, Don Duszynski. The Resolution Committee report given by John Janovy noted the untimely death of David Becker, a long-time member of SWAP and past secretary–treasurer, and expressed the sorrow of the membership in his passing. Al Kocan read a letter from Jerry

Nieder Korn advising SWAP (and ASP) members of a memorial scholarship being established at the University of Arkansas to honor Dr. Becker. SWAP members were advised to send their contributions to this fund through the SWAP Treasurer. Loren Hill, Director of the UOBS, addressed the meeting and said he would provide \$50 per year for an award to the best student paper in Dr. Becker's honor. Ben Harris, our new president, was directed by the members to organize a committee to determine how the award would be administered next year. Don Duszynski, *ad hoc* historian, noted that the history of the first 15 years of SWAP (1967–82) was complete. A hard-bound volume and a soft-bound volume were presented to the membership. It was decided the hard-bound volume should be presented to ASP, to be kept in the ASP Archives, with the Secretary–Treasurer of SWAP keeping the second copy. Scott Gardner moved that SWAP ASP Representative suggest to ASP Council that they consider setting up graduate student research awards similar to those given by other professional societies (e.g., Society of Mammalogists). The motion passed unanimously.

**The Eighteenth Meeting: April 11-13, 1985  
(Appendix, pp. 213-221)**

The annual Business Meeting was called to order by President Ben Harris. The Treasurer's report by Alan Kocan showed a balance of \$2,580.05 as of April 1, 1985 (no fooling!). The Membership Committee report generated by Secretary–Treasurer Kocan showed that 173 members were still on the mailing list, although only 69 members had paid dues for 1985, which included 54 full members and 15 student members (unfortunately, this list is not available in the archives). After discussion, it was suggested that an updated membership list be brought to each annual meeting for review by the attending membership and that non-paying members be removed from the list after two years. Don Duszynski, SWAP Representative to ASP Council, gave a lengthy report on the 59<sup>th</sup> Annual Meeting of ASP held at Snowbird, UT in August 1984 (Appendix, pp.

218-220). The new officers for 1985–86 were: President, Jack Bristol; Vice President, Tim Yoshino; Secretary–Treasurer, Alan Kocan; ASP Representative, Don Duszynski. President Harris gave the report of the *ad hoc* committee on an award for the best student paper. The committee decided to allow the student members of SWAP who are present at the annual meeting to evaluate the student presentations and determine the winner of the David Becker Student Presentation Award. This year there were 27 presentations, of which 18 were oral papers—including seven student papers—and nine were poster presentations. Gil Castro gave a short history of Dr. Becker's accomplishments, service to SWAP, and dedication to students. The first recipient of the Becker Award was Mr. Jim Scott from Texas Tech University for his paper, "Analysis of possible virulence factors of African trypanosomes: Growth, antigen type and morphology." Discussion followed concerning the administration of the \$500 contribution from Loren Hill toward establishing the Becker Award and SWAP's desire to allow it to generate enough interest annually (at least \$50) to be self-perpetuating. John Janovy presented the Resolutions Committee report, which touched on all aspects of the 18<sup>th</sup> Annual Meeting ranging from superlatives on the picturesque shores of Lake Texoma to welcoming back to our midst those who have not been a part of the proceedings for some time (Appendix, p. 221). Because of his well-known oratorical and literary capabilities, a motion was presented to make John Janovy the official chairman of the Resolutions Committee. The motion passed unanimously.

**The Nineteenth Meeting: April 3-5, 1986  
(Appendix, pp. 222-231)**

The annual Business Meeting on April 5<sup>th</sup> was called to order by President Jack Bristol. The Treasurer's report by Alan Kocan showed a balance of \$2,180.16 as of April 1, 1986. The Membership Committee report presented by Dr. Kocan showed that 153 members were on the mailing list (20 fewer than in 1985) and that only 49 members had paid dues for 1986 (also 20 fewer

than 1985). Payment of dues was ENCOURAGED! Persons not having paid dues for two years as of 1987 would be dropped from the mailing list. Don Duszynski, as SWAP Representative to ASP Council, reported on the 75<sup>th</sup> Council meeting held 4 August 1985 in Athens, GA (Appendix, pp. 227-230). Of significance to SWAP members, Gil Castro and Don Duszynski recommended to Council that it establish two categories of awards for promising young parasitology students: best student presentation awards and graduate student research awards. Council delayed action on the Research Award until it could be studied more thoroughly by the Education, Business Advisory, and Awards Committees, but it unanimously passed their recommendation to establish some Best Student Paper awards. This information, to be published in the next ASP Newsletter and the *Call For Papers* booklet for the upcoming Denver meeting, would request papers from students wishing to enter the competition. Once again, SWAP leads the way for ASP! The new officers for 1986-1987 were: President, Tim Yoshino; Vice President, Alan Kocan; Secretary-Treasurer, Lillian Mayberry; ASP Representative, Don Duszynski. Thirty-seven presentations were made during the scientific program, including 28 oral presentations—of which 11 were student presentations—and nine poster presentations. In a special Friday evening program, Alan Kocan presented a talk on his work in Africa, “Present status of vector-borne diseases in East Africa.” The David A. Becker Memorial Award for the Outstanding Student Paper was presented to M.A. Worley, The University of Oklahoma Health Science Center, for “Analysis of *Pneumocystis carinii* antigen.” Under New Business, David Huffman made a “friendly motion” that smoking in the library be discouraged during SWAP activities (Dave was 15 years ahead of his time). A “friendly second” was given and the “friendly motion” passed unanimously by the “friendly membership.” The Resolutions Committee report was presented by John Janovy, whose whereas’s covered all events from the biblical flood to declaring the 1986 meeting a success (Appen-

dix, p. 231). After the Business Meeting, the Executive Committee (elected officers) discussed revising the SWAP Constitution so that SWAP’s practices would be in accordance with the written Constitution (the Constitution was last revised in 1982).

### The Twentieth Meeting: April 2-4, 1987 (Appendix, pp. 232-240)

In late January, 1987, suggested amendments to the SWAP Constitution were mailed to the membership for their perusal and discussion at the Business Meeting. The 20<sup>th</sup> annual Business Meeting was preceded by a tribute to Dr. and Mrs. J. Teague Self by John Janovy on behalf of the membership of SWAP. The tribute is reproduced here for posterity:

J.T. SELF DEDICATION,

by John Janovy, Jr., April 3, 1987

I have the great honor this evening of saying a few words about an individual who has made major contributions to the field of parasitology through his research, his teaching, his philosophies, but most of all through the blunt and honest no-frills realism his presence brings to any gathering, including this one. He is a charter member of SWAP, a past president, a—if not *the*—world’s authority on a group of parasites whose enigmatic nature is a metaphor for much of what parasitologists do, the academic father of one H.B. Ward medalist, the academic grandfather of another, the academic father, grandfather and great-grandfather of many of us in this room, a person who is a parasitologist because his department chairman once asked him to teach a course in parasitology, and a person whose collections now grace the major museums of the world—Dr. J.T. Self. I would also like to introduce his wife, Ida, and *in absentia*, Dick and Virginia, the Self’s two children who grew up, like some of us are doing this week, romping on the lawns of UOBS.

Near the end of my M.S. work, after being turned down for doctoral work at Berkeley, a friend of mine said, “Why don’t you become a parasitologist?” How do you do that, I asked. The friend, Dan Harlow, said, “Well, you just come to parasit seminar.” I went home and asked my wife if I could become a parasitologist, and she thought about it for a few days, then gave her approval. This was an

important permission because she was Dr. Self's secretary and had been for two years, and kept me entertained, frightened, dismayed, and intrigued with various J.T. Self stories, especially those surrounding his legendary graduate students. One of the latter was the first black graduate student I'd ever seen, and only the third non-athlete black I had seen at the University of Oklahoma throughout my entire undergraduate days, a man named Clarence Davis, who was Dr. Self's research assistant on the *Nematobothrium texomensis* project. Dr. Self, it seems, had given Clarence the task of collecting buffalo fish from Lake Texoma—a job that put an articulate, intelligent black man working on his Ph.D. into the field in rural, southern Oklahoma, in the early 1960s. This sort of assignment, or expectation, incidentally, is typical of Dr. Self's *modus operandi* with respect to graduate students. On my wife Karen's first day on the job as Dr. Self's secretary, he told her, in the vernacular of the times, when a student named Clarence Davis comes in, tell him to go on down to the station and hire himself a couple of men to help gill net. When Clarence came in, Karen relayed this message rather tentatively, understanding immediately the kind of problems Clarence faced every day in his field work. Clarence, however, just as quickly saw through Dr. Self's new secretary's uneasiness, and replied, smiling, "Well, you just tell Dr. Self that's mighty white of him!"

The legends that surround Dr. Self's parasitology program inevitably involved the scummiest of hosts—buffalo fish, rattlesnakes, coyotes. But they also involved some of the most esoteric and thorny of zoological problems. From the fish—what is the life cycle of a trematode 12 feet long that is aborted with fish eggs at spawning? From rattlesnakes—what is the true nature of an aberrant bastard group of degenerates—the pentastomes? And from coyotes—what is the source of anomaly in the taeniid cestodes, at the time the most familiar, of cyclophyllideans? I know I belonged with this bunch of people regardless of my wife's permission and recommendations. I found these problems interesting rather than repulsive.

For the record, John Teague Self is the father of the parasitology course at UOBS. He came to Lake Texoma when, like most stations at their inception, UOBS was mainly a gleam in the eye of Carl Riggs. And today Dr. Self is still here, having made his

pilgrimage once more to Loren Hill's full fledged university campus with its computers, banks of analytical machinery, and permanent research staff. J.T. Self's wife, Ida, and their children have been a part of the intellectual maturing of this facility, and Dr. Self's ability to cut open an animal, find a worm, recognize the importance of that worm, then convert the worm's life into decades of respected scholarship, typifies for me the very essence of the word *parasitologist*.

He has *tried*, and I emphasize that word *tried*, to teach his students to be worldly, to see how modern developments in biology can contribute to their careers, to stay above petty politics, to judge themselves by their own standards, not those set by others, but above all to put their faith in their own students as manifestations of what they've accomplished. If I could summarize Dr. Self's contributions to the universe of his chosen profession, and to this society, I would put it this way: Be a human in the full sense of the word, disdain only the false and pretentious, never the new or strange, but be a parasitologist, and remember, it's not the price or the quality of your microscope, but the things you personally choose to view with it, that make you a scientist.

I hope that all of you take the opportunity tonight to introduce yourself to Dr. and Mrs. Self. Those kinds of conversations have a way of taking on unexpected meanings for us as the years go by. In my own case, one August day at the ASP meeting in Tucson, Dr. Self and *his* first graduate student, Dr. Robert Kuntz, asked me if I would like to go with them to visit a Dr. Richards and his wife, who were living in Tucson. Of course I said yes, and we drove out to the Richards' home. There in the dimly lighted living room, sat Dr. Richards, his former doctoral student, Dr. Self, and Self's current doctoral student, John Janovy, Jr. I looked at Dr. Richards and thought, you are the person for whom the building I work in is named, but most importantly, you are the teacher who taught freshman zoology to my real biological father at OU in the 1930s, and to my academic father of the 1960s. I truly hope that all of you in this room have similar kinds of experiences during your contacts with senior scientists, and I hope that when you all become senior scientists, that the tradition continues.



And now, as a symbol of Dr. Self's years of commitment to the programs of UOBS and SWAP, I would like to present him with a memento, the official Loren Hill/UOBS/SWAP *Nematobothrium texomensis* rotten gill net!

The 20<sup>th</sup> Business Meeting was called to order by President Tim Yoshino. The Treasurer's report, by Lillian Mayberry, reflected a balance of \$1,602.65 in the SWAP checking account, a share balance of \$103.51 in a credit union in El Paso, TX, and \$810.98 in our account with the University of Oklahoma Foundation. The Membership Committee report, also by Dr. Mayberry, noted 132 active (dues paying) members of SWAP prior to this meeting, and 23 non-members who paid dues at registration, bringing the total membership to 155. According to records, 99 persons registered for the meeting (many by mail), while 95 were in actual attendance. Student voting for The David A. Becker Memorial Award for the Outstanding Student Paper Presentation resulted in a tie this year between A.R. Wattam of The University of New Mexico for her presentation, "Cross-reactive antigens from *Schistosoma mansoni* cercariae and *Biomphalaria glabrata*: An immunoblot analysis," and J. Scott Laird of Oklahoma State University for his presentation, "Susceptibility of the Lone Star tick (*Amblyomma americanum*) to infection with *Theileria cervi* under natural and experimental conditions." In addition to Dr. Janovy's tribute to Dr. Self, 29 research presentations were given, 21 oral and eight poster presentations. Our ASP Representative, Don Duszynski, presented a report on the actions of ASP Council at the Annual Meeting held in Denver, CO, in December, 1986. The Nominating Committee reported that the officers for 1987-88 were: President, Alan A. Kocan; President-Elect, John Janovy, Jr.; Secretary-Treasurer, Lillian Mayberry; ASP Representative, John Bristol. Proposed amendments (Appendix, pp. 237-239) to the SWAP Constitution were discussed. It was decided to retain Amendment 3 as it reads, that Article IV (Officers), Sections 1, 2, 5 and 6 and Article V (Committees), Section 1, be amended as proposed. In general, the amendments

included changing the office of Vice President to President-Elect, eliminating the student counterparts of officers, and eliminating membership applications. President Kocan indicated that next year there would be a cash award for the best SWAP logo submitted by a student member. Dr. Janovy, as usual, presented the SWAP Resolutions (Appendix, p. 240).

### The Twenty-First Meeting: April 14-16, 1988 (Appendix, pp. 241-251)

The 21<sup>st</sup> Business Meeting was called to order by President Al Kocan. The Treasurer's report by Lillian Mayberry showed a balance of \$1,932.72 in the SWAP checking account, a share balance of \$108.96 in a credit union in El Paso, TX, and \$852.60 in our account with the University of Oklahoma Foundation. The membership committee report by Dr. Mayberry indicated that prior to this meeting, SWAP had 150 active members; 26 new members were added either at the 1987 meeting or during the year. Twenty-one members would be dropped from the membership list after this annual meeting, if dues remain unpaid. The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to R. Cook of Texas Tech University for his presentation, "In vivo effects of putative crowding factors on the development of the rat tapeworm, *Hymenolepis diminuta*." Forty-three research presentations were given, 30 oral papers, 20 of which were student papers, and 13 poster presentations. In addition, on Friday evening, April 15<sup>th</sup>, there was a panel discussion on "The Teaching of Parasitology," with panel members Brent Nickol, Mike Kemp, Don Duszynski and Jack Bristol responding to student's oral and written questions. ASP Representative, Jack Bristol, presented a report on the actions of ASP Council at the Annual Meeting held in Denver, CO, in December, 1986. The Nominating Committee reported that the officers for 1988-89 were: President, John Janovy, Jr.; President-Elect, Marc Dresden.; Secretary-Treasurer, Lillian Mayberry; ASP Representative, Jack Bristol. The newly revised Constitution (Appendix,

pp. 247-249), amended in accordance with members' vote at the 1987 meeting, was available for distribution. Mr. Gil Sambrano, University of Texas, El Paso, won the SWAP logo competition. It was learned that Lil Mayberry was elected to become Secretary–Treasurer of ASP and that Don Duszynski was appointed by Lillian, with Council's approval, as the Scientific Program Officer for ASP.

**The Twenty-Second Meeting:  
April 13-15, 1989  
(Appendix, pp. 252-257)**

The 22<sup>nd</sup> Business Meeting was called to order by President John Janovy, Jr. The Treasurer's report by Lillian Mayberry showed that on March 31, 1989, there was a balance of \$1,257.26 in the SWAP checking account, a share balance of \$114.93 in a credit union in El Paso, TX, and \$852.60 in our account with the University of Oklahoma Foundation. The Membership Committee report by Lil Mayberry said that prior to this meeting, SWAP had 148 active members. Twelve of these would be dropped after this meeting if dues remain unpaid. Three members were dropped because they moved and left no forwarding address, and 17 new members were added either at the 1988 meeting or during the year. The David A. Becker Memorial Award for outstanding student paper presentation was given to C.C. Leabrand of the University of Nebraska for her presentation, "*Acanthatrium oligacanthum* Cheng, 1957 (Digenea: Lecithodendriidae) and a new subspecies, *Acanthatrium oligacanthum brachyacanthum*, from *Eptesicus fuscus bernardinus* Rhodes in Oregon." Twenty-six research presentations were given, 17 oral papers, of which 11 were student papers, and nine poster presentations. In addition, on Friday evening, April 14<sup>th</sup>, there was a panel discussion on "Parasitology: Grantsmanship in the 90's," with panel members Barbara Doughty, Ben Harris and Mike Kemp responding to student's oral and written questions. ASP Representative, Jack Bristol, presented a report on the actions of ASP Council at the Annual Meeting held in Winston–Sa-

lem, NC in August, 1987. The Nominating Committee reported that the officers for 1989–90 were: President, Marc Dresden; President-Elect, Lillian Mayberry; Secretary–Treasurer, David John; ASP Representative, Jack Bristol. Three of our SWAP members now held important positions in ASP: Mike Kemp as President, Lil Mayberry as Secretary–Treasurer, and Don Duszynski as the Scientific Program Officer. Dr. Kemp reported to SWAP members on ASP activities, including emphasizing increased student participation, writing a policy statement on evolution vs. creation, preparation of a statement on animal welfare/use for research, joining with ASTMH to lobby Congress for more funds to be dedicated to parasitology research, formation of the Federation of Parasitologists, and development of computer programs for use in teaching parasitology. President Janovy noted that the *Call For Papers* booklet was innovative this year and asked Don Duszynski, Program Officer, to discuss his concept of the new Student Auction and efforts to promote student participation in the annual meetings. The Resolutions Committee report was presented by John Janovy, whose whereas' encompassed everything from fresh new faces to the disgruntled armadillo to the cheap dues of SWAP. Unfortunately, the original document is not present in the SWAP archives.

**The Twenty-Third Meeting:  
April 12-14, 1990  
(Appendix, pp. 258-264)**

The 23<sup>rd</sup> Business Meeting was called to order by President-Elect Lillian Mayberry, who announced that this annual meeting was dedicated to our President, Marc Dresden, who passed away February 17, 1990. Past President John Janovy, Jr. presented a special resolution in tribute to President Dresden:

Professor Marc H. Dresden  
July 21, 1938–February 17, 1990

Marc Dresden was an active member of SWAP and several other societies. Marc was born in The Hague, Netherlands. He earned his B.S. degree from Yale University in Chemistry, and his Ph.D.

from Harvard University. The latter degree was followed by a postdoctoral fellowship at Massachusetts General Hospital–Harvard University.

Marc began his career in 1968, as an Assistant Professor in the Department of Biochemistry at Baylor College of Medicine, and at the time of his death held full professorships in both the Department of Biochemistry and the Department of Microbiology and Immunology. He also devoted time to his college as Associate Dean of Graduate Sciences. His duties included recruitment of students throughout the United States.

Marc's research accomplishments focused on the biochemistry and immunology of schistosomal proteases. His research colleagues stated that Marc's research group defined the field of protease biology in the 1970's and early 1980's. He made significant contributions to the field of parasitology not only in terms of publications, but also in the training of seven doctoral students, 11 post-doctoral fellows, and numerous scientists from developing countries.

Marc Dresden will be remembered not only for his contributions to our field, but as a warm, pleasant and thoughtful human being. We have lost a colleague and friend. Marc is survived by his wife Judith, and daughters, Cynthia and Laurel.

The Treasurer's report by David John showed that on April 2, 1990, there was a balance of \$1,948.89 for accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation. The membership committee report by David showed 146 members on the rolls, 34 of whom would be removed unless dues are paid by the end of this meeting. Of the 112 paid-up members, 51 were from Texas, 14 from Oklahoma, 11 from Nebraska, and seven from New Mexico, with 14 other states having 1–4 members each (Table IV). The David A. Becker Memorial Award for Outstanding Student Paper Presentation was presented to M. Shipley of Oklahoma State University for his presentation, "Analysis of lipid components in tick salivary glands." Only 21 research presentations were given, the smallest number since the second meeting (1968), 12 oral papers, of which only five were student papers, and nine poster presentations. In the absence of ASP Representative Jack Bristol,

Lillian Mayberry gave the report of the actions of ASP Council at the meeting held in Vancouver, BC, August 6-10, 1989. Additional comments were made by Mike Kemp, who described the American "umbrella" organization of parasitologists, the Federation of Parasitologists. The Nominating Committee reported that the officers for 1990–91 were: President, Lillian Mayberry; President-Elect, George Stewart; Secretary–Treasurer, David John; ASP Representative, Danny Pence. Lillian Mayberry recommended that the Student Fund, resulting from profits in t-shirt sales, be named the Marc Dresden Student Fund; the motion was approved unanimously. The report of the Resolution Committee was given by John Janovy, (Appendix, p. 264).

#### The Twenty-Forth Meeting: April 4-6, 1991 (Appendix, pp. 265-272)

The 24<sup>th</sup> Business Meeting was called to order by President Lillian Mayberry. The Treasurer's report by David John showed that on March 31, 1991, there was a balance of \$3,774.62 for the accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation; of this amount, \$316.32 was in the Marc Dresden Student Fund, a fund generated from the profits in t-shirt sales. The membership report by David said that the announcement for this meeting was mailed to 163 members, 17 more than in 1990. Of these, 76 were from Texas, 26 from Oklahoma, 15 from Nebraska, 11 from New Mexico, and five from Kansas. Fourteen other states had 1–4 members each, while international members included two from Canada and one from Iran (Table IV). The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to R. Clopton, University of Nebraska, for his presentation, "Host–species and stadia specificity in three species of *Gregarina* (Apicomplexa: Eugregarinorida) infecting *Tenebrio molitor* (Coleoptera: Tenebrionidae), and *Diadrotica undecimpunctata* (Coleoptera: Chrysomelidae)." Of the 32 research presentations, 18 were oral papers, of which 10 were student papers, and 14 were poster

presentations. In the absence of ASP Representative Danny Pence, Lillian Mayberry gave a summary report on the actions of ASP Council at the Annual Meeting held at Michigan State University, East Lansing, MI, June 26-30, 1990. The Nominating Committee reported that the officers for 1991–92 would be: President, George Stewart; President-Elect, Cynthia Chappell; Secretary–Treasurer, David John; ASP Representative, Danny Pence. Michael Patrick, on behalf of the student members, recommended that funds from the Marc Dresden Student Fund be used to provide a one-year membership in the ASP for the second place winner of the student paper competition; the resolution was approved unanimously by the membership and will be designated as the Marc Dresden Memorial Award. Our SWAP Resolutionist for many years, John Janovy, gave his sagacious observations that included the good omens of white pelicans, halcyon days and pastel sunsets, The Great Oklahoma Wind and Rain Machine, Swapers, the prize-winning Angels of Kingston (UOBS kitchen staff), the George Stewart outdoor wine and cheese party and other superlatives (Appendix, p. 272).

**The Twenty-Fifth Meeting: April 2-4, 1992  
(Appendix, pp. 273-280)**

The 25<sup>th</sup> Business Meeting was called to order by President George Stewart. David John's Treasurer's report showed that on March 31, 1992, there was a balance of \$3,344.04 for the accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation; of this amount, \$429.90 was in the Marc Dresden Student Fund, a fund generated from the profits in t-shirt sales. The membership report by Dr. John said that the announcement for this meeting was sent to 149 members, 14 less than in 1991. Of these, 68 were from Texas, 22 from Oklahoma, 13 from Nebraska, 10 from New Mexico, six from Kansas and five from Wisconsin. Twelve other states had 1–4 members each, while international members included three from Canada and one from Iran (Table IV). The David A. Becker Mem-

orial Award for Outstanding Student Paper Presentation was given to R. Clopton (who also won in 1991), University of Nebraska, for his presentation, "The influence of vapor pressure deficit on gametocyst development and sporulation in the gregarine assemblage parasitizing *Tenebrio molitor*." This year the first Marc H. Dresden Memorial Award for student presentation was given to R. Mitschler, Kansas State University, for her paper, "Membrane lipid composition of two coccidians." Michael Patrick, The University of New Mexico, won the t-shirt design competition and received a \$50 cash prize. Of the 27 research presentations, 15 were oral papers and 12 were poster presentations. President Stewart recognized two individuals present at this, our Silver Anniversary Meeting, who were charter members of SWAP: Dr. Thomas Meade, Secretary–Treasurer, 1974–77, and Dr. J. Teague Self, President, 1970. In the absence (again) of ASP Representative Danny Pence, Lillian Mayberry (again) gave a summary report on the actions of ASP Council at the Annual Meeting held at the University of Wisconsin, Madison, WI, August 4-8, 1991. The Nominating Committee reported that the officers for 1992–93 would be: President, Cynthia Chappell; President-Elect, David John; Secretary–Treasurer, Sam Loker; ASP Representative, Danny Pence. John Janovy once again pointed out the impact that SWAP members were having on our parent organization, ASP, in that this year Richard Seed was ASP President, Lillian Mayberry was Secretary–Treasurer, Janice Moore and John Oaks were Council Members-at-Large, Journal Editor was Brent Nichol, and Scientific Program Officer was Donald Duszynski. This year's SWAP Resolutionist was Jack Bristol; prior to his committee's resolutions (Appendix, p. 280), he gratefully acknowledged the many years that John Janovy shared with us his sagacious and witty observations.

**The Twenty-Sixth Meeting:  
April 15-17, 1993  
(Appendix, pp. 281-287)**

The 26<sup>th</sup> Business Meeting was called to order by President Cynthia Chappell. The Treasurer's report by newly-elected Sam Loker showed that on March 31, 1993, there was a balance of \$3,287.42 in our account held at the Sunwest Bank, Albuquerque, and \$1,133.81 in the David A. Becker Endowment Fund at the University of Oklahoma Foundation. The membership report, also by Sam Loker, showed that the announcement for this meeting was sent to 137 members, 12 less than in 1992. Of these, 56 were from Texas, 21 from Oklahoma, 15 from Nebraska, 10 from New Mexico, and five from Kansas, with 17 other states having 1-4 members each. International members included three from Canada and one from Iran (Table IV). The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to S.D. Snyder, University of Nebraska, for his presentation, "Host specificity in two species of *Hemato-loechus*," and the Marc H. Dresden Memorial Award went to P.D. Olson, University of Nebraska for his paper, "Comparison of the transmission of *Leptorhynchoides thecatus* through experimentally infected bass and green sunfish populations." Of the 27 research presentations, 19 were oral papers—of which 11 were student presentations—and eight were poster presentations. In the absence of ASP Representative Danny Pence (the third consecutive year), Jack Bristol gave a summary report on the actions of ASP Council at the Annual Meeting held at the University of Pennsylvania, Philadelphia, PA, August 4-8, 1992. The Nominating Committee reported that the officers for 1993-94 were: President, David John; President-Elect, Jerry Niederkorn; Secretary-Treasurer, Sam Loker; ASP Representative, Lynn Hertel. Unfortunately, there is no record that any SWAP Resolutions were made this year.

**The Twenty-Seventh Meeting:  
April 14-16, 1994  
(Appendix, pp. 288-296)**

The 27<sup>th</sup> Business Meeting was called to order by President David Jahn. The Secretary's report on membership, by Sam Loker, showed that the announcement for this meeting was sent to 134 members, three less than in 1993, of which three were returned with no forwarding address. Of the 134 members, 55 were from Texas, 20 from Oklahoma, 16 from Nebraska, 12 from New Mexico, and five from Kansas, with 17 other states having 1-3 members each. International members included two from Canada (Table IV). Our Treasurer's report by Sam Loker showed that on March 31, 1994, there was a balance of \$3,594.74 for our account held at the Sunwest Bank, Albuquerque, and \$5,018.96 in the David A. Becker Endowment Fund at the University of Oklahoma Foundation, for total assets of \$8,613.70. The increase in the Endowment Fund reflects a generous contribution by Loren Hill. Dr. Hill's intention is to keep the principal in the account at a sum more than \$5,000 so that each year's interest would fund fully both the Becker and Dresden student awards. Dr. Hill also generously contributed \$80.00 to fund the winners of the 1994 student awards to ensure that the principle in the endowment remained above \$5,000. The David A Becker Award went to B. Salameh, University of Texas School of Public Health, for his presentation, "The fecal IgA response to *Cryptosporidium parvum*," and the Marc H. Dresden Award went to M.A. Barger, University of Nebraska, for his presentation, "Life cycle and host specificity of *Rhabdochona canadensis*." Of the 27 research presentations, 13 were oral papers—of which only five were student presentations—and 14 were poster presentations this year. ASP Representative Lynn Hertel reported the actions of ASP Council at the Annual Meeting held in Atlanta, GA, a joint meeting with the American Society of Tropical Medicine and Hygiene, October 31-November 4, 1993. Among the items mentioned by Ms. Hertel was the net worth of ASP,

which was estimated to be greater than \$525,000. Also, Council approved several motions including: ASP to join the Federation of Societies for Parasitology; a by-law change to allow both the ASP Newsletter Editor and the Scientific Program Officer to be voting members of Council; to approve the Clark Read New Investigator Award; to approve a Distinguished Service Award; and to elect a voting student member of Council. SWAP members who are currently ASP officers include Lillian Mayberry, President, and Donald Duszynski, Scientific Program Officer. The Nominating Committee reported that the officers for 1994–95 were: President, Jerry Niederkorn; President-Elect. (Ms.) Lee Couch; Secretary–Treasurer, Sam Loker; ASP Representative, Lynn Hertel. Lillian Mayberry presented the Resolutions Committee report for Jack Bristol.

**The Twenty-Eighth Meeting:  
April 20-22, 1995  
(Appendix, pp. 297–301)**

The 28<sup>th</sup> Business Meeting was called to order by President Jerry Niederkorn. The Secretary–Treasurer’s report, by Sam Loker, showed that on April 18, 1995, there was a balance of \$3,777.81 for our account held at the Sunwest Bank, Albuquerque and \$5,418.39 in the David A. Becker Endowment Fund at the University of Oklahoma Foundation. Dr. Loker noted that the announcement for this meeting was sent to 141 members, seven more than in 1994. Of these, 65 were from Texas, 20 from Oklahoma, 16 from Nebraska, 12 from New Mexico, and four from Kansas with 15 other states having 1-3 members each. International members included two from Canada and one from Iran (Table IV). The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to D.J. Richardson, University of Nebraska, for his presentation, “Experimental manipulation of physiological factors which may influence preferential site selection of *Leptorhynchoides thecatus* (Acanthocephala) in green sunfish (*Lepomis cyanellus*),” and the Marc H. Dresden Memorial Award went to J. Montgomery,

University of Texas at Arlington, for his paper, “Longevity and nutrient acquisition in isolated nurse cells of *Trichinella spiralis*.” Of the 24 research presentations, 21 were oral papers—of which 10 were student presentations—with only three poster presentations this year. In addition, Don Duszynski introduced one of his former students, Dr. Janice K. Moore, Colorado State University, who gave a guest presentation, “Altered behavior in parasitized animals.” ASP Representative Lynn Hertel reported the actions of ASP Council at the Annual Meeting held at Colorado State University, Ft. Collins, August 9-13, 1994. Of significance was that Lillian Mayberry, a long-time member of SWAP is the new President-Elect of ASP and Don Duszynski continues his position as Scientific Program Officer of ASP. The Nominating Committee reported that the officers for 1995–96 would be: President, Ms. Lee Couch; President-Elect, Steve Upton; Secretary–Treasurer, John Janovy; ASP Representative, Lynn Hertel. Jack Bristol presented the SWAP Resolutions, but these are unavailable in the archives.

**The Twenty-Ninth Meeting:  
April 18-20, 1996  
(Appendix, pp. 302–309)**

The 29<sup>th</sup> Business Meeting was called to order by President Lee Couch. Secretary–Treasurer Janovy directed that SWAP members observe a moment of silence for Dr. J. Teague Self, who died this past year. The Treasurer’s report stated that on April 15, 1996, there was a balance of \$3,687.19 in our checking account held in the National Bank of Commerce, Lincoln, NE, and \$5,831.41 in the David A. Becker Endowment Fund at the University of Oklahoma Foundation. John Janovy said that SWAP has 132 members who are current as of 1996, nine less than in 1995. Of these, 56 were from Texas, 17 from Oklahoma, 21 from Nebraska and 12 from New Mexico, with 14 other states having 1–3 members each. International members included three from Canada and one from Iran (Table IV). Members, by category, were: 84 full members, 44

student members, two emeritus members and one life member. The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to B. Hanelt, The University of New Mexico, for his presentation, "A nested PCR-based method for detection of *Schistosoma mansoni* infections in the snail host *Biomphalaria*." and the Marc H. Dresden Memorial Award went to K. Sapp, The University of New Mexico, for her paper, "Discovery of a unique, precocious mother redia during the intramolluscan development

of *Echinostoma paraensii*." Of the 39 presentations, 23 were oral papers—of which 13 were student presentations—and 16 were poster presentations, the most ever at a SWAP meeting. Dr. John A. Oaks, University of Wisconsin, made a guest presentation, "Address to SWAP from ASP," and following the Business Meeting, John Sauer, Oklahoma State University, gave a talk entitled, "The biology of ticks." Steve Upton read a paragraph written by Jerry Niederkorn regarding the history of the Becker Award (Box 8) and Cynthia Chap-

#### Box 8. David A. Becker Memorial Award.

David Alvord Becker was a dedicated member of the American Society of Parasitologists and a charter member of the Southwestern Association of Parasitologists (SWAP). He received his Ph.D. at the University of Nebraska under the tutelage of Dr. Harold W. Manter and accepted a faculty position at the University of Arkansas, where he rose to the rank of professor. He was widely recognized at the University of Arkansas for his lucid and stimulating lectures. His parasitology courses attracted undergraduate and graduate students alike and his courses were always enrolled to the maximum allowed by the Department of Zoology.

Dave was best known and appreciated for his devotion to his students and the warm family atmosphere that was characteristic of his laboratory. Together with his loving wife, Jeanie, Dave would look for any excuse to host a party to bring the students and their families together. A Becker party would begin with a round of Old Milwaukee beer (Dave appreciated the fact that Old Milwaukee was cheaper than Budweiser and that the cans contained 14 ounces instead of the conventional 12 ounces!). The family room at the Becker home contained one of the largest toy boxes known to humanity. Graduate students' children quickly learned to head straight for the toy box where they would be joined by Dave's teenage daughter Barbi, who loved children almost as much as Dave. Former students recall with great fondness watching the Razorbacks or the Kansas City Royals (Dave's adopted home team) on television while dining on "Becker Burgers." Jeanie was a surrogate mother for students and their spouses. She offered advice on pediatricians, schools, and where to get the best prices on household necessities. In short, Dave and Jeanie opened their hearts and home to students. They were role models of the highest order.

Dave was a dedicated member of SWAP. In addition to being a charter member, he served as Secretary-Treasurer from 1977-80. (He was always one of the first to arrive on Thursday afternoon and usually the last to leave on Saturday.) He had a particular affection for graduate students and was always eager to offer advice and words of encouragement, especially to students preparing for their first oral presentation of a scientific paper. Thus, it is particularly appropriate that Dave's presence will continue to be felt at SWAP and that deserving graduate students will be the beneficiaries of his devotion to our organization.

pell composed and read a similar paragraph regarding the Dresden Award (Box 9). ASP Representative, Lynn Hertel, reported the actions of ASP Council at the Annual Meeting held jointly with the American Association of Veterinary Parasitologists (AAVP) in Pittsburgh, PA, July 6-10, 1995. Once again, highlighting SWAP members who were distinguished in our national meeting, Dr. Ben Harris was the 1996 recipient of the Bueding/Von Brand Award of the ASP. The Nominating Committee reported that SWAP officers for 1996–97 would be: President, Steve Upton; President-Elect, Chris McAllister; Secretary–Treasurer, John Janovy, Jr.; ASP Representative, Cynthia Chappell. In a “Special Business” part of the meeting, Dr. Frank Sogendares–Bernal, one of the founding members of SWAP, was in attendance and was given a standing ovation in recognition. Mike Kemp gave a short speech in Frank’s honor, recounting both the “Frank Sogendares Memorial Gavel” and the “Tulane bullbat” stories. Jack Bristol presented the SWAP Resolutions.

**The Thirtieth Meeting: April 10-12, 1997  
(Appendix, pp. 310–316)**

The 30<sup>th</sup> Business Meeting was called to order by President Steve Upton. The Treasurer’s report showed that as of April 8, 1997, there was a balance of \$3,001.64 in our checking account held in the National Bank of Commerce, Lincoln, NE and \$6,260.47 (\$5,258.10 principle,

\$1,002.37 spendable fund) in the David A. Becker Endowment Fund at the University of Oklahoma Foundation. The Secretary’s report listed 147 current SWAP members, 15 more than in 1996. Of these, 60 were from Texas, 18 from Oklahoma, 20 from Nebraska and 16 from New Mexico with 18 other states having 1–3 members each. International members included two from Canada and one from Iran (Table IV). Members by category were: 84 full members, 60 student members, one emeritus member and one life member. As far as was known, only one member, Dr. Betty June Myers, had died since the 1996 meeting. The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to H.F. Leher, University of Texas SW Medical Center, for his presentation, “Induction of specific tear secretory IgA after oral immunization and protection against *Acanthamoeba keratitis*” and the Marc H. Dresden Memorial Award went to C.K. Blend, Gulf Coast Research Laboratory, for his paper, “Systematics of the genus *Lepidapedon* Stafford, 1904 (Digenea: Lepocreadiidae) in deep-sea macrourid fishes from the Gulf of Mexico.” There were only 21 presentations this year, of which 15 were oral papers, including 10 student presentations, six poster presentations, and a guest presentation by Dr. Larry S. Roberts, Homestead, FL, that was a remarkable, multi-media presentation of underwater photography. Steve Upton read ASP Representative Cynthia Chappell’s report on the actions of ASP Council at

**Box 9. Marc H. Dresden Award.**

Marc Dresden was a faculty member in the Biochemistry Department at Baylor College of Medicine for 20 years following his post doctoral days at Harvard. In that time he published extensively on Schistosome proteolytic enzymes and trained a multitude of graduate students and post-docs. He was taken from us in 1990 at the much too early age of 51 by colon cancer. Those of us who knew him would testify to his being an exceptional teacher, a loyal friend, and a gentle and caring human being. Marc was a longtime member and supporter of SWAP and a valued colleague of many here tonight. I have no doubt that he would be most pleased to be memorialized in this special way.



the Annual Meeting held in Tucson, AZ, June 11-15, 1996, a joint meeting with the Society of Protozoologists and the International Workshop of Opportunist Protists. The Nominating Committee reported that SWAP officers for 1997–98 would be: President, Chris McAllister; President-Elect, Patty Wilber; Secretary–Treasurer, John Janovy, Jr.; ASP Representative, Cynthia Chappell. Jack Bristol presented the SWAP Resolutions.

**The Thirty-First Meeting: April 9-11, 1998  
(Appendix, pp. 317–324)**

The 31<sup>st</sup> Business Meeting was called to order by President Chris McAllister. The Treasurer's report showed that as of April 7, 1998, there was a balance of \$3,183.22 in our checking account held in the National Bank of Commerce, Lincoln, NE and \$6,790.28 (\$5,311.09 principle, \$1,479.19 spendable fund) in the David A. Becker Endowment Fund at the University of Oklahoma Foundation. The Secretary's report listed 146 current SWAP members only one less than in 1997. Of these, 64 were from Texas, 19 from New Mexico, 17 from Oklahoma, 16 from Nebraska, and 18 other states had 1–3 members each. International members dwindled to one from Iran (Table IV). Members, by category, were: 85 full members, 59 student members, one emeritus members and one life member. As far as Secretary Janovy knew, there were no SWAP members who died since the 1997 meeting. The David A. Becker Memorial Award for Outstanding Student Paper Presentation was given to B. Hanelt, University of Nebraska, for his presentation, "A preliminary investigation into the life history of the hair worm, *Gordius robustus* (Nematomorpha: Gordioidea)." and the Marc H. Dresden Memorial Award went to R.R. Kula, Peru State College, for his paper, "Unlocking taxonomic resolution of the generic complex *Gregarina*." There were 30 presentations this year, of which 23 were oral papers, including 17 student presentations, and seven poster presentations. Cynthia Chappell reported on the actions of ASP Council at the 1997 Annual Meeting held in Nashville, TN. The Nominating

Committee reported that SWAP officers for 1998–99 would be: President, Patty Wilber; President-Elect, Rich Clopton; Secretary–Treasurer, John Janovy, Jr.; ASP Representative, Cynthia Chappell. Jack Bristol presented the SWAP Resolutions.

**The Thirty-Second Meeting:  
April 15-17, 1999  
(Appendix, pp. 325–333)**

The 32<sup>nd</sup> Business Meeting was called to order by President Patty Wilber. The Treasurer's report showed that as of April 6, 1999, there was a balance of \$6,622.75 in our checking account held in the National Bank of Commerce, Lincoln, NE and \$7,264.48 (\$5,367.51 principle, \$1,896.97 spendable fund) in the David A. Becker Endowment Fund (renamed the Becker–Hill Endowment) at the University of Oklahoma Foundation. The Secretary's report reiterated that SWAP membership figures from year to year are somewhat inflated due to retention of individuals on the mailing list for three years since their last dues payment. Thus, in April, 1999, there were 129 listed on the SWAP roster who either paid dues in any of the previous four years (1996, 1997, 1998 or 1999), or were emeritus members. Of these, 54 were from Texas, 21 from Nebraska, 15 from Oklahoma, nine from New Mexico, with 14 other states having 1–7 members each. International members remained at one, from Iran (Table IV). Members, by category, were: 71 full members, 56 student members, one emeritus member and one life member. As far as Secretary Janovy knew, no SWAP members had died since the 1998 meeting. The David A. Becker Award for Outstanding Student Paper Presentation was won by M. Steinauer, University of Nebraska, for her presentation, "Seasonal dynamics of the helminths of the bluegill sunfish (*Lepomis macrochirus*)," and the Marc H. Dresden Award was won by J. Montgomery, University of Texas–Arlington, for his poster, "Uptake and incorporation of <sup>14</sup>C-labeled glucose, glycine and proline by *in vitro*-maintained *Trichinella spiralis* nurse cells." There were only 22 presentations this year, of

which 12 were oral papers, including eight student presentations, and 10 poster presentations. Cynthia Chappell reported on the actions of ASP Council at the 1998 Annual Meeting held in Kona, HI. The issues of most interest to SWAP membership included discussion on ASP annual meetings, the journal, the financial health of ASP and the gradual decline in ASP membership. The Nominating Committee reported that SWAP officers for 1999–2000 would be: President, Rich Clopton; President-Elect, Brent Nickol; Secretary–Treasurer, John Janovy, Jr.; ASP Representative, Lee Couch. Under New Business, two motions were made, seconded, discussed, and approved by a voice vote. The first was to budget up to \$150 for the President’s Reception each year and the second was that the President, Secretary–Treasurer and President-Elect appoint an *ad hoc* Hospitality Committee to plan social events at the meetings (to my knowledge this has not been done). Lillian Mayberry presented the SWAP Resolutions because author Jack Bristol was not feeling well (too much “medicine” at the President’s reception?).

### **The Thirty-Third Meeting: April 13-15, 2000 (Appendix, pp. 334–344)**

**P**rior to the beginning of the 33<sup>rd</sup> annual Business Meeting, Dr. A. Newsom, Middle Tennessee State University, delivered the Keynote Address entitled, “Free-living Amoebae: A potential host cell for intracellular parasites.” Afterward, the Business Meeting was called to order by President Richard Clopton. The Treasurer’s report showed that as of April 10, 2000, there was a balance of \$7,374.20 in our checking account held in the National Bank of Commerce, Lincoln, NE and \$7,807.66 (\$5,386.30 principle, \$2,421.36 spendable fund) in the Becker–Hill Endowment Fund at the University of Oklahoma Foundation for a net worth of \$15,181.32. Given the healthy financial status of SWAP, Secretary–Treasurer Janovy suggested that our society begin considering ways to spend some of its money in the not-too-distant future. The Secretary’s report,

again noting fluctuation in membership figures from year to year, showed 196 individuals on the SWAP roster who either paid dues in any of the previous two years (1998 or 1999) or paid new member dues in 2000, or were life or emeritus members. Of these, 98 were from Texas, 30 from Nebraska, 17 from Oklahoma, 17 from Kansas, 12 from New Mexico, with 12 other states having 1–3 members each. International members remained at one from Iran (Table IV). Members, by category were: 71 full members, 123 student members, one emeritus member and one life member. Secretary Janovy mentioned the untimely death of only one SWAP member since the 1999 meeting, Dr. Michael Patrick (Pennsylvania). There was a tie for the David A. Becker Award for Outstanding Student Paper Presentation this year. After consultation with SWAP officers, President Clopton made an executive decision that both students would receive the full prize money (\$100 each) and that SWAP would make up the difference in ASP travel awards if both winners wanted to attend the national meeting. The co-winners of the Becker Award were M. Steinauer, University of Nebraska, for her presentation, “Enteric helminths of *Graptemys flavimaculata* Cagle, 1954, a threatened chelonian species” and D. Lopez, University of Texas–El Paso, for his paper, “Leukocyte and ova quantification during primary (single or trickle) and challenge infections with *Nippostrongylus brasiliensis* and/or *Eimeria nieschulzi*.” The Marc H. Dresden Award was won by A. McCormick, University of Nebraska, for his paper, “Post-cyclic transmission and its effect on the distribution of *Paulisentis missouriensis* (Acanthocephala) in the definitive host *Semotilus atromaculatus* (Cyprinidae).” There were 26 presentations this year, of which 25 were oral papers, including 18 student presentations, and only one poster presentation. Lee Couch reported on the actions of ASP Council at the 1999 Annual Meeting held in Monterey, CA, July 6–9, at a joint meeting with the Society of Nematologists. The Nominating Committee reported that SWAP officers for 2000–01 would be: President, Brent Nickol; President-Elect,

Dennis Richardson; Secretary–Treasurer, John Janovy, Jr.; ASP Representative, Scott Gardner. Jack Bristol presented the SWAP Resolutions concluding that this SWAP meeting was a major success.

**The Thirty-Fourth Meeting:  
April 26-28, 2001  
(Appendix, pp. 345–351)**

The 34<sup>th</sup> annual Business Meeting was called to order by President Brent Nickol. The Treasurer's report showed that as of April 23, 2001, there was a balance of \$7,833.38 in our checking account held in the Wells Fargo Bank (National Bank of Commerce), Lincoln, NE, and \$8,418.19 (\$5,386.30 principle, \$3,031.89 spendable fund) in the Becker–Hill Endowment Fund at the University of Oklahoma Foundation, for a society net worth of \$16,251.57. The Secretary's report showed 134 individuals on the SWAP roster who either paid dues in any of the previous two years (1999 or 2000) or paid new-member dues in 2001 or were life or emeritus members. Of these, 60 were from Texas, 24 from Nebraska, 15 from Oklahoma and 10 from New Mexico, with 11 other states having 1–4 members each. International members remained at one from Iran (Table IV). Members, by category were: 61 full members, 71 student members, one emeritus member and one life member. The Becker Award for Outstanding Student Paper Presentation was won by M. Bolek, Purdue University, for his presentation, "The Madagascar Express: Subcutaneous filariasis in the panther chameleon, *Furcifer pardalis* by *Foleyella furcata* (Onchocercidae: Dirofiliariinae)" and the Dresden Award was won by J. Detwiler, University of Nebraska, for her paper, "Developmental polysaccharide accumulation and its implications for functional differences between *Gregarina* spp." There were again only 22 presentations this year, of which 18 were oral papers, including 10 student presentations, and four poster presentations. Scott Gardner reported on the activities of ASP Council at the 2000 Annual Meeting held in San Juan, PR, and highlighted the following issues: he reminded the membership of the

ASP web site, of which he is the co-web master (along with Mark Siddall); he informed us of a gift to ASP from the Ashton Cuclker family estate; he reported on the backlog of papers for the *Journal*; and he noted that he was now the new *ASP Newsletter* Editor (so that items of interest could be sent to him by SWAP members at any time). Under Old Business, there was a lengthy discussion of what to do about SWAP's 35<sup>th</sup> anniversary meeting in 2002. Duszynski suggested a symposium to celebrate the distinguished history of SWAP, an attempt to get all of the Ward Medalists who were also SWAP members to come back for this meeting, and an effort to put together the 35-year history of SWAP. It was moved, seconded and approved that the incoming President should appoint a committee to design the celebration. The Nominating Committee reported that SWAP officers for 2001–02 would be: President, Dennis Richardson; President-Elect, Sidney Ewing; Secretary–Treasurer, John Hnida; ASP Representative, Rich Clopton. Rich Clopton delivered the SWAP Resolutions concluding that this SWAP meeting had been a success.

**The Thirty-Fifth Meeting:  
April 18-20, 2002  
(Appendix, pp. 352–360)**

The 35<sup>th</sup> annual Business Meeting was called to order by President Dennis Richardson, who welcomed our distinguished guest, Dr. Sharon Patton, the current President of ASP. Dr. Patton greeted all SWAP members in attendance, exhorted those who are not ASP members to join the parent organization, told some stories, praised SWAP and the other regional parasitology societies, and thanked SWAP for the invitation and the warm reception she had received. The Treasurer's report showed that as of April 6, 2002, there was a balance of \$9,077.94 in our checking account held in the Tier One Bank, Auburn, NE and \$8,815.28 (\$5,386.30 principle, \$3,428.98 spendable fund) in the Becker–Hill Endowment Fund at the University of Oklahoma Foundation, for a net worth of \$17,893.22. Treasurer Hnida recommended

spending some of our cash resources, as long as they were well within the objectives outlined in Article II of our Constitution: “The objectives of the association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.” The Secretary’s report showed 160 individuals on the SWAP roster who either paid dues in either of the previous two years (2000 or 2001) or paid new-member dues in 2002 or were life or emeritus members. Of these, 72 were from Texas, 30 from Nebraska, 17 from Oklahoma, and 10 from New Mexico, with 14 other states having 1–8 members each. International members remained at one from Iran (Table IV). Members by category were: 71 full members, 87 student members, one emeritus member and one life member. Prior to presenting the student award winners, President Richardson announced that Wilbur Owen had added \$50 to the Becker Award this year and would do so for each of the next 10 years. Dr. Richardson also noted this was the first year for Honorable Mention Awards (one undergraduate award for \$50, one graduate award for \$50). The Becker Award for Outstanding Student Paper Presentation was won by M. Bolek, University of Nebraska, for his presentation, “The role of second intermediate arthropod hosts in the transmission of frog lung flukes (*Haematoloechus* spp.)” and the Dresden Award was won by M. Reichard, Oklahoma State University, for his paper, “Sequence variation of the ITS-2 rRNA gene of two spatially and temporally distinct ‘populations’ of *Amblyomma americanum* (Acari: Ixodidae).” The Honorable Mention Graduate Student Award went to M. Steinauer, University of Nebraska, for her paper, “The effect of cystacanth size on adult success,” and the Honorable Mention Undergraduate Student Award went to T. Haverkost, Peru State College, for his paper, “The effect of age on the infectivity of *Moniliformis moniliformis* eggs to the intermediate host, *Periplaneta americana*,” There were 28

presentations this year, of which 27 were oral papers, including 21 student presentations, and only one poster presentation. Dennis Richardson reported on the activities of ASP Council at the 2001 Annual Meeting held in Albuquerque, NM, and highlighted the issue that some students were still concerned about the cost of meetings in spite of the many attempts by ASP to lower their expenses (special room and registration rates, airfare for students presenting oral papers, etc.). Lee Couch reported that there would be an educational workshop, “Targeting and Teaching Parasitology” intended for middle school, high school and undergraduate teaching at the upcoming ASP/ICOPA meeting in Vancouver, BC, in August. Under New Business, the healthy financial state of SWAP motivated some spending. It was approved that (1) SWAP buy a new portable PA system for the UOBS library, where we hold our meeting; and (2) that SWAP provide each student presenter with a free SWAP t-shirt. It was also approved that the Becker–Hill Endowment fund be moved from the University of Oklahoma Foundation to an account more accessible to the current Secretary–Treasurer and, when accomplished, that we consider moving one-half of the October SWAP checking account balance into this new endowment account. The Nominating Committee reported that SWAP officers for 2002–03 were: President, Sydney Ewing; President-Elect, Scott Snyder; Secretary–Treasurer, John Hnida; ASP Representative, Scott Gardner. Mike Kemp and Wilbur Owen delivered the SWAP Resolutions report concluding that this SWAP meeting had been a success.

### We’ve Come a Long Way Since 1968

**W**hy should we have a regional scientific society like the Southwestern Association of Parasitologists (SWAP)? In part, it gives us a sense of belonging. The major motivations for joining include the fellowship of associating with fellow parasitologists at every level of their career development and the opportunity to participate in annual meetings in a relaxing

location, not too distant from home. The non-confrontational environment of SWAP allows us to both promote the understanding of parasitology and interact with others in our geographic area in a personal and friendly manner that results in knowledge for the common good of all. Because of the security issues involved in traveling long distances to large meetings, scientists have steadily reduced their travel schedules worldwide. This can only dictate that the position of SWAP as a scientific society, at least superficially, should be bright.

Under the umbrella of *the study of parasites*, SWAP has thrived for the last 35 years because of the wisdom of our founding group of former colleagues who had tremendous vision and insight: Bob Kuntz, Don Moore, J. Teague Self, Betty June Myers, Frank Sogandares-Bernal, James Landers, and Kay Sampson. They built the foundation for what SWAP is and has always been: student-oriented, non-exclusive, dedicated to excellence, informal and friendly.

**STUDENT ORIENTED:** That SWAP is student friendly is one of our greatest strengths. For the years in which the numbers are available, the picture is quite clear about student involvement in SWAP. We only separated dues-paying members into ‘regular member’ and ‘student member’ categories in 11 of our 35 years (1978–80, 1985, 1996–2002; see Secretary–Treasurer reports in Appendix). During those 11 years, 648 of 1,530 (42%) paid members were student members. In fact, in 2000, 123 of 194 (63%) of our paid members were students! Even stronger evidence is seen in the number of student papers presented at our annual meetings. We didn’t start identifying “student papers” until 1985 when the student paper competition began. In the 18 meetings from 1985–2002, there was a total of 357 oral papers presented; of these 208 (58%) were student presentations!

**NON-EXCLUSION:** SWAP has never tried to exclude anyone from participating in its meetings. Membership in ASP is not required, there are no geographic boundaries for membership, and people in public or private education at any level, employees of local, state

or federal government, and persons in any kind of industry always have been welcome. This open-door policy has resulted in a tremendous diversity of SWAP members in time, space and philosophy. Although the names and addresses of our membership are available only for 17 years of our 35-year history (Table IV), our geographic diversity is extensive, with former or current members coming from three foreign countries (Canada, England and Iran) and from 37 states and the District of Columbia. Equally impressive documentation is that 164 institutions—including private and state colleges and universities, both in the U.S. and in 15 foreign countries (!), and private and public local, state and federal agencies—have their names attached to research presentations given at SWAP between 1968–2002 (Table V). Of the 164 agencies contributing papers to our annual SWAP meetings, 16 institutions carried the lion’s share of the responsibility presenting from 25–99 papers each during those 35 years; these are: Southwestern Foundation for Research & Education, San Antonio and the University of Texas School for Public Health, Houston TX (25 papers each); Southwest Texas State University, San Marcos TX (28 papers); Rice University, Houston TX and Kansas State University, Manhattan KS (30 papers each); Southern Methodist University, Dallas TX (32 papers); Baylor Medical Center, Houston TX (33 papers); North Texas State University, Denton TX (40 papers); University of Oklahoma, Norman OK (43 papers); University of Texas, Arlington TX (48 papers); University of Texas, El Paso TX (57 papers); Tulane University, New Orleans LA (67 papers); University of New Mexico, Albuquerque NM (75 papers); Texas A&M University, College Station TX (77 papers); University of Nebraska, Lincoln NE (86 papers) and Oklahoma State University, Stillwater OK (99 papers). Thus, these 16 institutions (10% of 164) are credited with presenting 795 (74%) of the 1,072 papers and posters given at SWAP during our first 35 years; the only disturbing trend is that the number of papers/posters presented over the last decade seems to be declining, while the

**Table V. Number of papers credited to each of 164 universities, private, state and/or federal institutions, at five-year intervals from 1968–2002, for all 35 SWAP meetings (# papers/5-yr interval and [=total papers credited/institution]). Those in bold are the 16 institutions presenting the most papers during the first 35 years of SWAP’s existence.**

Institution/Agency

Acacia Corporation, McDonald PA (0,0,0,0,1,0,0 [= 1])

Aeromedical Research Institute, FAA, Oklahoma City OK (2,0,0,0,0,0,0 [=2])

Alexandria University, Alexandria, Egypt (0,0,0,0,0,1,0 [=1])

Angelo State University, San Angelo TX (1,0,1,0,0,0,0 [=2])

Animal Health Laboratory, Tasmania, Australia (0,0,0,0,0,1,0 [=1])

Antibody Systems, Inc., Bedford TX (0,0,0,0,0,3,0 [=3])

Arkansas State University, State University AR (0,0,0,1,0,3,2 [=6])

ARS, USDA, Kerrville TX (0,0,1,5,7,0,0 [=13])

ARS, USDA, College Station TX (0,0,0,3,0,0,0 [=3])

Auburn University, Auburn AL (0,0,1,0,1,2,0 [=4])

Avian & Exotic Animal Clinic, Indianapolis IN (0,0,0,0,0,0,1 [=1])

Baylor Dental College, Dallas TX (0,1,0,0,0,0,0 [=1])

**Baylor University Medical Center, Houston TX (0,4,6,13,10,0,0 [=33])** †

Berry College, Mount Berry GA (0,0,0,0,0,0,1 [=1])

Bloomsburg University, Bloomsburg PA (0,0,0,0,1,0,0 [=1])

Burnet Road Animal Hospital, Austin TX (0,1,0,0,0,0,0 [=1])

Cairo University, Cairo, Egypt (0,0,0,0,2,0 [=2])

California Department of Fish and Game, Moss Landing CA (0,0,0,0,0,1,0 [=1])

Cedar Valley College, Lancaster TX (0,0,0,0,2,0 [=2])

Centers for Disease Control and Prevention, Atlanta GA (0,0,0,0,2,0 [=2])

Chapman Institute of Medical Genetics, Tulsa OK (0,0,0,0,0,1,0 [=1])

Collin County Community College, Plano GA (0,0,0,0,0,0,1 [=1])

Colorado State University, Ft. Collins CO (1,0,1,1,0,1,1 [=5]) †

Columbia University, New York NY (0,0,0,0,0,1,0 [=1])

Delta Primate Research Center, Covington LA (1,0,0,0,0,0,0 [=1])

DuPont/Merck, Inc., Wilmington DE (0,0,0,0,0,1,0 [=1])

Eli Lilly Research Laboratory, Greenfield IN (0,0,0,1,0,0,0 [=1])

Entomology Research Division, ARS, USDA, College Station TX (1,0,0,0,0,0,0 [=1])

El Paso Community College, El Paso TX (0,0,0,0,0,1,0 [=1])

Emporia State University, Emporia KS (0,0,0,0,0,0,2 [=2])

Table V (continued).

Fourth U.S. Army Medical Laboratory, Fort Sam Houston TX (1,0,0,0,0,0,0,0 [=1])  
 Georgia Southern College, Statesboro GA (0,0,0,0,0,1,0 [1])  
 Gulf Coast Research Laboratory, Ocean Springs MS (0,2,1,0,0,0,0 [=3])  
 Harvard University, Cambridge MA (0,0,0,0,0,1,0 [=1])  
 Hendrix College, Conway AR (0,0,2,0,0,0,0 [=2])  
 Houston Zoological Gardens, Houston TX (0,0,0,0,2,1,0 [=3])  
 Institute of Biology, Titograd, Yugoslavia (0,1,0,0,0,0,0 [=1])  
 Iowa State University, Ames IA (1,0,1,0,0,0,0 [=2])  
 Kansas City Zoo, Kansas City MO (0,0,0,0,0,1,0 [=1])  
 Kansas Department of Wildlife and Parks, Manhattan KS (0,0,0,0,1,0,0 [=1])  
**Kansas State University, Manhattan KS (0,0,0,1,17,11,1 [=30])** †  
 Kenya Medical Research Institute, Nairobi, Kenya (0,0,0,0,2,0,0 [=2])  
 Kimron Veterinary Institute, Israel (0,0,0,0,0,1,0 [=1])  
 Lamar State College, Beaumont TX (2,0,0,0,0,0,0 [=2])  
 Lehigh University, Bethlehem PA (0,1,0,0,0,0,0 [=1])  
 Louisiana State University, Baton Rouge LA (2,0,3,0,0,3,0 [=8])  
 Louisiana State University, New Orleans LA (1,0,0,0,0,0,0 [=1])  
 Louisiana State University Medical Center, New Orleans LA (8,7,4,0,0,0,0 [=19])  
 Merck Institute for Therapeutic Research, Rahway NJ (0,1,0,0,0,0,0 [=1])  
 Michigan State University, East Lansing MI (0,0,0,0,0,0,1 [=1])  
 Middle Tennessee State University, Murfreesboro TN (0,0,0,0,0,0,3 [=3])  
 Morehouse College, Atlanta GA (0,0,1,0,0,0,0 [=1])  
 Nagasaki University, Japan (0,0,0,1,0,0,0 [=1])  
 National Aquaculture Research Center, Stuttgart AR (0,0,0,0,0,0,1 [=1])  
 Naval Medical School, Bethesda MD (1,0,0,0,0,0,0 [=1])  
 Nebraska Wesleyan University, Lincoln NE (0,0,1,0,0,0,0 [=1])  
 New Mexico State University, Las Cruces NM (3,0,0,0,0,0,0 [=3])  
 Nicholls State University, Thibodaux LA (2,0,0,0,0,0,0 [=2])  
 No affiliation (1,0,0,0,0,1 [=2])  
**North Texas State University, Denton TX (0,3,9,23,5,0,0 [=40])** †  
 Northern Michigan University, Marquette MI (0,0,0,0,0,0,1 [=1])  
 Northwestern State College, Natchitoches TX (1,0,0,0,0,0,0 [=1])  
 Obafemi Awolowo University, Ile-Ife, Nigeria (0,0,0,0,1,0,0 [=1])  
 Ohio State University, Columbus OH (0,4,3,4,0,0,0 [=11])  
 Oklahoma City Zoo, Oklahoma City OK (3,0,0,0,0,0,0 [=3])

Table V (continued).

**Oklahoma State University, Stillwater OK (2,12,20,20,19,15,11 [=99]) \***  
 Oklahoma State University, Tulsa OK (0,0,0,0,0,2 [=2])  
 Oklahoma State University College of Osteopathic Medicine, Tulsa OK (0,0,0,0,0,1 [=1])  
 Oral Roberts University School of Medicine, Tulsa OK (1,0,2,8,3,1,0 [=15]) †  
 Pan American University, Edinburg TX (0,0,3,0,0,0 [=3])  
 Pennsylvania State University, Shenango Valley Campus, Sharon PA (0,0,0,0,3,2 [=5])  
 Peru State College, Peru NE (0,0,0,0,0,15 [=15])  
 Pfizer, Inc., Groton CT (0,0,0,0,1,1 [=2])  
 Purdue University, West Lafayette IN (0,0,0,0,0,2 [=2])  
 Queensland Museum, Brisbane, Australia (0,0,0,0,0,1 [=1])  
 Quinnipiac College/University, Hamden CT (0,0,0,0,0,8 [=8])  
**Rice University, Houston TX (19,10,1,0,0,0 [=30])**  
 Sam Houston State University, Huntsville TX (0,0,0,0,0,4 [=4])  
 San Marcos National Fish Hatchery & Technology Center, San Marcos TX (0,0,0,0,0,2 [=2])  
 Smithsonian Institution, Washington DC (0,0,0,1,0,0 [=1])  
 Savannah River Ecological Laboratory, Savannah GA (0,0,0,1,0,0 [=1])  
 Southeastern Louisiana University, Hammond LA (0,0,0,0,0,2 [=2])  
**Southern Methodist University, Dallas TX (2,10,5,7,8,0,0 [=32]) †**  
 Southern University, New Orleans LA (1,0,0,0,0,0 [=1])  
**Southwest Foundation for Research and Education, San Antonio TX (11,8,6,0,0,0 [=25])**  
**Southwest Texas State University, San Marcos TX (0,6,5,8,1,1,7 [=28]) \*\***  
 St. Luke's Episcopal Hospital, Houston TX (0,0,0,0,0,1 [=1])  
 State University of New York, Syracuse NY (1,0,0,0,0,0 [=1])  
 Stephen F. Austin University, Nacogdoches TX (2,0,1,0,0,0,0 [=3])  
 Sul Ross State University, Alpine TX (0,0,0,0,0,2 [=2])  
 Symex Corporation, Tulsa OK (0,0,0,1,0,0 [=1])  
 Tarrant County Junior College-South Campus, Ft. Worth TX (0,0,0,0,0,1 [=1])  
 Tarrant County Junior College-Southeast Campus, Arlington TX (0,0,0,0,1,0 [=1])  
**Texas A&M University, College Station TX (7,16,30,8,4,8,4 [=77]) \***  
 Texas A&M University, Kingsville TX (0,0,0,0,0,3 [=3])  
 Texas A&M University, Texarkana TX (0,0,0,0,0,4 [=4])  
 Texas College of Osteopathic Medicine/University of North Texas, Ft. Worth TX (0,0,0,9,12,0,0 [=21])  
 Texas Department of Health, Dallas TX (0,0,0,0,0,1 [=1])  
 Texas Parks & Wildlife Department, Edinburg TX (0,0,0,0,0,2 [=2])  
 Texas Parks & Wildlife Department, San Marcos TX (0,0,0,1,0,0 [=1])



Table V (continued).

Texas Tech University, Lubbock TX	(0,0,2,5,3,0,0 [=10])
Texas Wesleyan University, Ft. Worth TX	(0,0,0,0,0,3,0 [=3])
Trinity University, San Antonio TX	(0,2,1,0,0,0,0 [=3])
<b>Tulane University, New Orleans, LA</b>	<b>(38,27,2,0,0,0,0 [=67])</b>
Tulane University School of Medicine, New Orleans LA	(2,2,0,0,0,0,0 [=4])
ULRC Imperial College, London U.K.	(0,0,1,0,0,0,0 [=1])
Universidad Nacional de San Marcos, Peru	(0,0,0,1,0,0,0 [=1])
Universidad Peruana Cayetano Heredia, Lima, Peru	(0,0,0,1,0,0,0 [=1])
University College, Dublin, Ireland	(0,0,0,1,0,0,0 [=1])
University Hospital Leiden, Leiden, The Netherlands	(0,0,0,0,0,1,0 [=1])
University Teaching Hospital, Lusaka, Zambia, Africa	(0,0,0,0,0,1,0 [=1])
University of Arizona, Tucson AZ	(0,0,0,0,1,3 [=4])
University of Arkansas, Fayetteville AR	(0,1,1,0,0,0,0 [=2])
University of California, Davis CA	(0,0,0,0,1,0,0 [=1])
University of California, Los Angeles CA	(0,0,1,0,0,0,0 [=1])
University of Colorado, Boulder CO	(0,0,0,0,0,0,1 [=1])
University of Dundee, Scotland	(0,0,0,1,0,0 [=1])
University of Edinburgh, Edinburgh, U.K.	(0,0,1,0,0,0,0 [=1])
University of Georgia, Athens GA	(0,0,1,0,0,0,1 [=1])
University of Houston, Clear Lake TX	(0,0,0,0,1,0,0 [=1])
University of Kansas, Lawrence, KS	(2,0,0,0,0,0,0 [=2])
University of Kentucky, Lexington KY	(0,2,0,0,0,0,0 [=2])
University of Konstanz, Konstanz, Federal Republic of Germany	(0,0,2,0,0,0,0 [=2])
University of Mississippi, Jackson MS	(1,0,0,0,0,0,0 [=1])
University of Missouri, St. Louis MO	(0,0,3,1,0,0,0 [=4])
<b>University of Nebraska, Lincoln NE</b>	<b>(0,3,10,6,16,25,26 [=86]) **</b>
<b>University of New Mexico, Albuquerque NM</b>	<b>(2,4,8,20,17,17,7 [=75]) *</b>
University of New Mexico School of Medicine, Albuquerque NM	(0,0,2,0,0,0,0 [2])
University of Northern Iowa, Cedar Falls IA	(0,0,0,0,0,0,1 [=1])
<b>University of Oklahoma, Norman, OK</b>	<b>(18,3,10,8,3,1,0 [=43]) **</b>
University of Oklahoma Medical/Health Science Center, Oklahoma City OK	(5,0,0,1,0,0,1 [=7])
University of Prince Edward Island, PEI, Canada	(0,0,0,0,0,1,0 [=1])
University of Queensland, Queensland, Australia	(0,0,0,0,0,0,1 [=1])
University of Southern Mississippi, Hattiesburg MS	(0,1,0,0,0,0,0 [=1])
University of Southern Mississippi, Ocean Springs MS	(0,0,0,0,0,1,1 [=2])

Table V (continued).

University of Texas, Arlington TX (0,1,8,6,13,15,5 [=48]) \*\*  
 University of Texas, El Paso TX (4,5,2,8,12,15,11 [=57]) \*  
 University of Texas Dental Branch, Houston TX (1,0,0,0,0,0,0 [=1])  
 University of Texas Medical Branch, Galveston TX (4,2,4,2,0,0,2 [=14])  
 University of Texas Medical School, Houston TX (0,3,6,7,0,0,1 [=17])  
**University of Texas School of Public Health, Houston TX (0,0,0,0,15,10 [=25])**  
 University of Texas Southwestern Medical School/Center, Dallas TX (1,0,4,1,7,6,5 [=24]) \*\*  
 University of Toronto, Toronto, Ontario Canada (0,0,0,0,0,1,0 [=1])  
 University of Udayana, Bali, Indonesia (0,0,0,0,0,1,0 [=1])  
 University of Washington, Seattle WA (0,0,0,0,0,1,0 [=1])  
 University of Wisconsin, Madison WI (0,0,0,0,0,2,0 [=2])  
 University of Witwatersrand, Johannesburg, South Africa (0,0,0,0,1,0 [=1])  
 University of Zagreb, Yugoslavia (0,0,0,1,0,0,0 [=1])  
 USDA, Beltsville MD (0,0,0,0,1,0,0 [=1])  
 USDA Screwworm Eradication Program, Mission TX (0,0,1,0,0,0,0 [=1])  
 USEPA, Houston TX (0,0,0,0,0,0,1 [=1])  
 USEPA, Narragansett RI (0,0,0,0,0,1,0 [=1])  
 USFWS, NFHTC, San Marcos TX (0,0,0,0,0,2,2 [=2])  
 US Medical Research Unit Three, Cairo, Egypt (0,0,0,0,0,1,0 [=1])  
 VA Medical Center, Dallas TX (0,0,0,1,4,3,0 [=8])  
 Veterinary Research Laboratory, Kabete, Kenya (0,0,0,1,0,0,0 [=1])  
 Volcani Center ARO Institute, Israel (0,0,0,0,0,1,0 [=1])  
 Wadley Institutes of Molecular Medicine, Dallas TX (0,0,0,0,1,0,0 [=1])  
 Washington Hospital Center, Washington DC (1,0,0,0,0,0,0 [=1])  
 Washington University Medical School, St. Louis MO (0,0,0,0,1,0,0 [=1])  
 Whittier College, Whittier CA (0,0,0,0,0,1,0 [=1])  
 Xavier University of Louisiana, New Orleans LA (0,1,0,0,0,0,0 [=1])  
 Yale University, New Haven CT (0,0,0,0,0,2,2 [=2])  
 Yale University School of Medicine, New Haven CT (0,0,1,0,0,0,0 [=1])

\* Only four schools presented papers in *all seven* five-year intervals: Texas A&M University, College Station; Oklahoma State University, Stillwater; University of New Mexico, Albuquerque; University of Texas, El Paso.  
 \*\* Only five schools presented papers in *six of the seven* five-year intervals: University of Texas, Arlington; University of Oklahoma, Norman; University of Nebraska, Lincoln; University of Texas Southwestern Medical School, Dallas; Southwest Texas State University, San Marcos.  
 † Only three schools presented papers in *five of the seven* five-year intervals: Colorado State University, Ft. Collins; Oral Roberts School of Medicine, Tulsa; Southern Methodist University, Dallas.  
 ‡ Only three schools presented papers in *four of the seven* five-year intervals: Baylor University Medical Center, Houston; Kansas State University, Manhattan; North Texas State University, Denton.

number of institutions (and authors) acknowledged on each paper has increased significantly (Table VI).

**DEDICATED TO EXCELLENCE:** SWAP members have distinguished themselves in many ways. One gauge of this distinguished history can be the impact that SWAP members have had on our parent organization, ASP, as either officers or award winners or both.

**Officers:** *ASP Council:* 20 of our members have been elected: F. Sogandares-Bernal, B.J. Myers, R.T. Damien, R.D. Lumsden, L.J. Olson, S. Carlisle, M.D. Little, G.A. Castro, L.S. Roberts, J. Janovy, Jr., D.W. Duszynski, W.M. Kemp, J.A. Oaks, J.K. Moore, T.P. Yoshino, J.R. Bristol, E.S. Loker, R.M. Overstreet, S.J. Upton, C.L. Chappell; *Scientific Program Officer:* Three have served: C.R. Page III (1 year), M.H. Pritchard (3 years), D.W. Duszynski (16 years and counting); *Journal Editor:* B.B. Nickol (5 years); *Newsletter Editor:* S.L. Gardner (2 years and counting); *Secretary-Treasurer:* 5 have been elected: D.V. Moore (12 years), C.R. Page III (2 years), M.D. Little (1 year), L.F. Mayberry (5 years), G.D. Cain (7 years); *Vice President:* 9 have been elected 10 times: R.E. Kuntz, B.J. Myers, L.R. Ash, G.A. Castro, L.S. Roberts, J. Janovy, Jr., R.M. Overstreet (twice: 1991-1992, 2001-2002), L.F. Mayberry, J.A. Oaks; *President:* 8 have been elected: G.R. Coatney, R.T. Damien, G.A. Castro, W.M. Kemp, J.R. Seed, L.F. Mayberry, J.A. Oaks, L.S. Roberts.

**Awards:** *H.B. Ward Medal:* Of the 43 winners of the Ward medal between 1959–2002, 13 (30%) were former or current SWAP members: C.P. Read (1959), F. Sogandares-Bernal (1969), L.S. Roberts (1971), R.T. Damien (1974), R.D. Lumsden (1975), J.R. Seed (1976), G.A. Castro (1977), W.M. Kemp (1983), P.W. Pappas (1984), D.R. Brooks (1985), W.L. Current (1986), T.P. Yoshino (1994), S.J. Upton (1996); *Beuding VonBrand Award:* Of the 9 winners since this award was instituted in 1989, one SWAP member has won it: B.J. Harris (1996); *New Investigator Award:* This award was established in 1993, has changed its name twice (C.P. Read to Ashton Cuckler), and is not awarded every year. There have been only

seven winners to date with two of them members of SWAP: S. Snyder (1997) and P. Olsen (2001); *Distinguished Service Award:* This award also was established in 1993 and three of the six recipients to date are SWAP members: M.H. Pritchard (1994), D.W. Duszynski (1996) and J.R. Seed (2002); *Mentor Award:* This award was established in 1996 and two of the six recipients to date are SWAP members: B.B. Nickol (2001) and J.J. Janovy, Jr. (2002, but awarded in 2003).

Over the years, SWAP continued to grow and to evolve. We were conceived as a glimmer in the eyes of Bob Kuntz in 1957 or 1958, but growth was slow and the embryo didn't begin to take shape until 1967. Delivering the new baby in San Antonio, TX (1968), required the steady help of B.J. Myers, J. Teague Self and Donald Moore. Our birth was a grand success and attended by 50–70 family members. Initially, we were content to move each year to the home of our new president (1969); later, we elected to meet at the University of Oklahoma Biological Station (UOBS), Lake Texoma, OK, every other year (1970), but found the environment so conducive to our philosophy of friendship and informality that we decided to meet there permanently (1974). We changed our policy for selecting officers from acclamation (1968–70) to mail ballot elections (1971). We thought appointing a student assistant for each officer was a grand idea (1968), but abandoned it (1973) due to lack of interest. We suffered through, but survived, the death of President C.P. Read (Christmas Eve, 1973), a true icon in the parasitology world. We decided to have an award for the best student paper (1971), then made strong policy why we shouldn't, twice (1973, 1983); later, in tribute to the memory of beloved colleagues who passed much too soon (Dave Becker, 1984; Marc Dresden, 1989) we set up two categories of student awards (1985, 1990). We opposed Texas House Bill 479 concerning the mandatory inclusion of the biblical account of creation in textbooks (1975). We were saddened when B.J. Myers, our first secretary-treasurer and one of the initial founders of SWAP (1976) had to

**Table VI. History of the number of oral and poster presentations given at SWAP meetings from 1968–2002, at 5-year intervals, showing the decline in number of presentations and the increase in multi-authored/multi-institutional work.**

Total No. 5-Year Intervals	No. Papers Presented	$\bar{x}$ No. Papers/ Year	Range of Papers/ Year	Total Institutions Credited	No. Institutional Citations
1968–72	154	31	11–30	38	157
1973–77	175	35	23–46	30	144
1978–82	167	33	26–37	44	179
1983–87	161	32	22–45	32	184
1988–92	149	30	21–43	35	180
1993–97	138	28	21–39	52	186
<u>1998–2002</u>	<u>128</u>	<u>26</u>	<u>22–30</u>	<u>51</u>	<u>172</u>
35 Years	1,072	31	11–46	40 †	172 †


† Mean of five-year intervals.

move, but we celebrated her success in becoming the Executive Secretary of the Tropical Medicine and Parasitology Study Section at NIH (1976). We “officially” added poster sessions to our meetings and decided to elect, rather than appoint, our representative to ASP Council (1977). Two members were almost swallowed whole by the UOBS septic field (1977), but their “soles” were remembered (1978). We stopped worrying about the IRS on the advice of a former agent (1978). We were shocked and then agonized over a 12-count fraud indictment of one of our members (then Secretary–Treasurer of ASP, 1980) by a federal grand jury, but we laughed about another member who almost got eaten by an alligator (1981). We roasted Bob Kuntz on his retirement (1981), but he survived! We reworked our constitution (1981) and then revised it (1982) and amended it and revised it again (1987). We chastised the organizers of ICOPA-V for what seemed to us to be excessive costs for the program they organized, but we surely got their attention (1982). We initiated the idea (1984), then took it to Council (1985), that ASP needed to think about, formulate and implement awards for students similar to those given by other societies. Council balked on research awards for graduate students, but did establish the Best Student Paper awards

(1986) that have become so successful in the last 15+ years. A generous benefactor contributed \$500 (1985) and later approximately \$4,000 (1994) to the David A. Becker Endowment Fund to keep the principal in the account at a sum more than \$5,000 so that annual interest could fully fund both the Becker and Dresden awards. We saw our membership grow from 71 in 1968 to 224 in 1981 and then level off at about 150 members per year over the decade of the 1990s, with five states consistently contributing to the stability of the organization (Texas, Oklahoma, Nebraska, New Mexico and Louisiana). Excluding the 11 presentations made at our inaugural meeting (1968), we saw the number of scientific presentations made at SWAP meetings vary from a low of 21 (1990, 1997) to a high of 46 (1976) (see Table II). To increase the heterogeneity of presentations at our meetings, we had additional panel discussions (1988, 1989) and a wide variety of guest speakers, eulogies, lectures, roasts and tributes (1968–70, 1972–74, 1981, 1987, 1990, 1995–97, 2000). Finally, over the years we have become financially solvent, some would even say fat, increasing our net worth from \$0 (1968) to \$659.30 (1974; first documented Treasurer’s report) to our current \$17,893.22 in Secretary–Treasurer Hnida’s recent financial report (April 6,

2002). Over the 35 years of our existence, we have grown, shrunk, matured, stumbled, endured loss and hardship, succeeded, failed, survived and have become mature and secure as a scientific organization. All of this, and more, has made SWAP what is, in my opinion, the premier affiliate society of the ASP.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald W. Duszynski". The signature is fluid and cursive, with a large initial "D" and a long horizontal stroke extending to the right.

Donald W. Duszynski  
*ad hoc* Historian  
3 October 2003

# THE SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS



THIRTY-FIVE YEARS (1968–2002), PLUS ONE (1967)

APPENDIX

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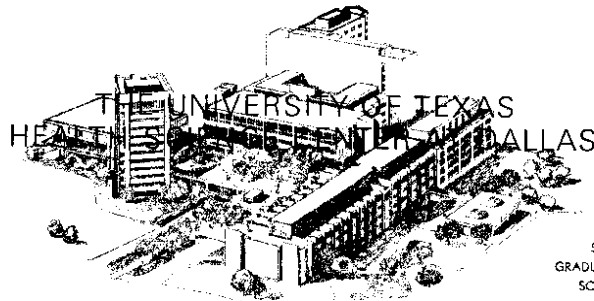
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Letters from Drs. Donald V. Moore and Robert G. Kuntz to Dr. Donald W. Duszynski,  
reflecting on those who initially conceived of the idea of SWAP.

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DEPARTMENT OF PATHOLOGY



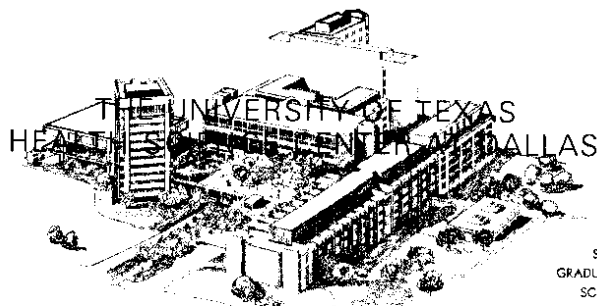
SOUTHWESTERN MEDICAL SCHOOL  
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES  
SCHOOL OF ALLIED HEALTH SCIENCES

January 25, 1980

Dear Don:

at the present time I am undergoing the traumatic experience of moving my laboratory and office from the Department of Microbiology to the Department of Pathology. Although I have had my primary appointment in Pathology for several years I continued to be housed in Microbiology. Now that the building boom is almost over Pathology was able to find space for me. It is amazing how many things accumulate over the years. This is a good time to do some sorting so my records are in limbo. In spite of the chaos I can give you some information you might not have.

We made an early attempt to organize the regional parasitologists at a meeting of the Texas Conference on Diseases in Man in the spring of 1957 or 1958. After the meeting we scoured by mail the persons residing in Texas, Louisiana, Oklahoma and Arkansas. We received a moderately favorable response. We failed to get off the ground because certain persons failed to carry out their assignments. In spite of this several people including me retained an avid interest in accomplishing such an organization. We continued to talk about it at national meetings etc.



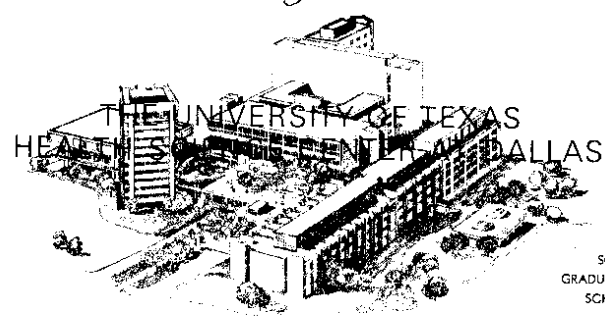
DEPARTMENT OF PATHOLOGY

SOUTHWESTERN MEDICAL SCHOOL  
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES  
SCHOOL OF ALLIED HEALTH SCIENCES

At the ASP Meeting in Tucson, Arizona in August of 1967 we convened a special meeting of interested persons. By now the number of parasitologists in the area had increased and our idea of the organization of a regional group was received with considerable enthusiasm.

As a result of this meeting an organizational meeting was scheduled to be held in San Antonio in the spring of 1968. Drs. Robert E. Kuntz and Betty June Myers assumed the responsibility of arranging facilities at the Ramada Inn on the North Loop in San Antonio. Dr. J. Teague Self, Dr. Franklin Sogondares-Bend and I took on the responsibility of uniting the By-Laws and suggesting the name of the organization.

The meeting in San Antonio consisted primarily of organizational business such as: adoption of the By-Laws and name, preparation and signing of the petition for recognition by the ASP Council, election of officers etc. We did have a luncheon at which Dr. G. Robert Coatney, who was at LSU Medical School, gave a talk. We also had a special tour of the Southwest Foundation for Research and Education where we viewed the baboon colony and the laboratories. During this meeting Dr. Coatney was elected President; Dr. Sogondares, Vice-President and Dr. Myers Secretary-Treasurer. Unfortunately Dr. Myers kept essentially no records of the early years of the association. Succeeding officers have complained about the lack of material passed on.

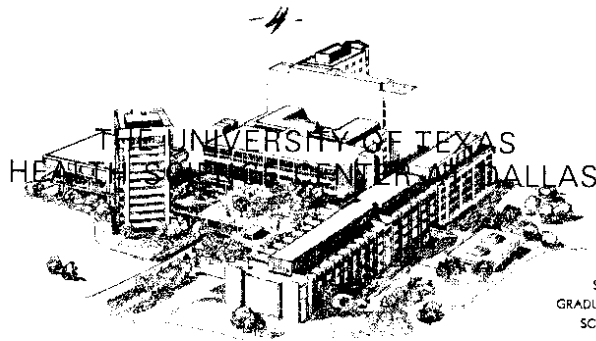


DEPARTMENT OF PATHOLOGY

SOUTHWESTERN MEDICAL SCHOOL  
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES  
SCHOOL OF ALLIED HEALTH SCIENCES

at the meeting in San Antonio it was decided to hold future meetings in the city where the President resided. Thus the second meeting was held in New Orleans where fortunately both the President and the Vice President lived at the time. The New Orleans meeting was held in a classroom at LSU Medical School. In addition to a business meeting papers by members were presented. We had no abstracts, just a few mimeographed sheets indicating the papers presented and other activities. We had a reception and tour and demonstrations at the Laboratory of Parasitology in the Biology Department of Tulane University. As you could guess Dr. Logandases and a young man by the name of Dr. Richard Sumaden organized this. I can't remember a banquet or a speech so either we didn't have any such thing or it wasn't very good. Take your choice.

Dr. J. Teague Jeff was the next President and thus the first meeting at the University of Oklahoma Biological Station. This was a memorable meeting in many respects. If you were there you know about it. If not let me know and I will give you a couple of pages on that meeting alone. In spite of everything it was decided to hold the meetings at OUBS every other year. This was done until the 1974 meeting when I was President, having been put into the position by the untimely death of Clark Reed.



DEPARTMENT OF PATHOLOGY

SOUTHWESTERN MEDICAL SCHOOL  
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES  
SCHOOL OF ALLIED HEALTH SCIENCES

at the 1974 business meeting it was decided by an overwhelming majority (maybe even unanimous) to make OUBS our permanent meeting place.

Beginning with Dr. Self's term an attempt was made for the President to incorporate a special address into the meeting. At the second meeting Dr. Self reminisced about the beginning of Parasitology in the Southwest. This never became an established policy and ended in 1974 when I asked Dr. Scumden to give a Memorial to Dr. Clark Read.

In the interim 1970 - 74 addresses or talks were given by:  
Dr. Robert E. Kuntz, Dr. Cluff E. Hapla, and Dr. Tam Chung.

This is the best I can do for you at the moment. When I get fully moved and hopefully reorganized I may run across some vital information, if so, I will get it to you. I have delayed long enough.

Best wishes

Ken

Donald V. Moore



**SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION**

P.O. BOX 28147 8848 WEST COMMERCE ST. SAN ANTONIO, TEXAS 78284 TELEPHONE (512) 674-1410

1 February 1980

Dr. Donald W. Duszynski

Dear Don:

It is of interest to learn that you are gathering information which will provide us with a historic background for SWAP. As so often happens time passes and organizations such as ours fail to record the historic evolution of its activities. We are fortunate that you are going to the trouble of gathering information so that we will have it on record.

In the past few weeks I have been sorting out and getting rid of some of the great accumulation of correspondence and miscellaneous papers in my files. Unfortunately this has included some of the early programs and correspondence concerned with the organization of SWAP. I am, therefore unable to provide you with much information. My memory on SWAP is a bit hazy but as I recall at the ASP meetings the year prior to organization of SWAP several of us had an impromptu bull session at which we discussed the desirability of having such an organization in the Southwest. I believe this group consisted of E. J. Myers, Don Moore, Teague Self and myself. We had solicited the feelings of others with similar interest. It was decided that we should have the first meeting at San Antonio and that those of us in San Antonio should take the freedom of organizing the group. There was considerable letter writing but the consensus was that we should organize as soon as convenient. To this end those of us in San Antonio organized the first meeting which met at the Namada Inn.

Sorry I don't have more information but I would strongly urge that you also contact Don Moore.

Hope this finds you well

Sincere

  
R. E. Kuntz



## RECRUITING FOR THE FIRST MEETING

Letter from Frank Sogandares-Bernal to Louisiana Parasitologists, December 1967

---

Memo to: Parties interested in The Southwest Association of Parasitologists (SWAP)

From: Franklin Sogandares-Bernal, Laboratory of Parasitology, Department of Biology, Tulane University, New Orleans, Louisiana 70118

Subject: First meeting of SWAP

At the last meeting of The American Society of Parasitologists in Tucson, Arizona, I was asked to serve as your Louisiana representative of The Southwest Association of Parasitologists for purposes of contacting state parasitologists who would be interested. Some of you may have already responded to previous letters by Dr. Betty June Myers, Southwest Foundation for Medical Research and Education, Box 2296, San Antonio, Texas, who has, along with Dr. Robert Kuntz, spearheaded the movement to establish the new association. She may not have known that you were in Louisiana so you may not have been contacted and I want to be sure we do not miss anyone in the state. In a second attempt to recruit as many parasitologists as possible into SWAP I would like to encourage you to join us. So far 23 parasitologists in Louisiana have demonstrated interest. According to my calculations there are at least 41 parasitologists in the state.

The association should prove a valuable and exciting enterprise. Graduate students and faculty alike would benefit immensely from meetings, papers presented, and most importantly by discussions and visits to laboratories to see what others are doing.

I am enclosing a franked self-addressed post card for your convenience in replying of your interest in SWAP.

Dr. Myers has proposed an organizational meeting in San Antonio, Texas for March 1968. This first meeting should prove to be an important one. If you are interested in SWAP further information will be sent along to you. If you have previously demonstrated an interest in SWAP in correspondence with Dr. Myers, please use the post card to indicate if you would be able to attend the first meeting in San Antonio.

PS: Dr. Myers' tentative program arrangements are as follows:

Friday: Registration  
Welcome and opening remarks  
Reading of the constitution proposed by the Steering Committee  
Committee appointed for review of the constitution  
Report of the Nominating Committee  
Contributed papers  
Luncheon  
Contributed papers

Business meetings  
Election of officers  
Selection of 1968 meeting site  
Evening dinner (suggestion of dinner on a boat on San Antonio River)

Saturday: Tours  
Self initiated  
Suggestion: Southwest Foundation for Research and Education  
Sights in the area: Alamo, Missions, Hemisphere Site  
Others within driving distance: San Marcos Aquarena, Natural Bridge Caverns, Hill Country, etc.

Those desiring to eat together could arrange for a dutch treat at the motel.

**ANNOUNCEMENT OF THE FIRST MEETING**  
**Letter sent by B.J. Myers to 100 parasitologists**  
**in the southwestern U.S., January 28, 1968**

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S O U T H W E S T A S S O C I A T I O N O F  
P A R A S I T O L O G I S T S  
23rd March 1968  
Ramada Inn        333 N. W. Military Dr.  
San Antonio, Texas

The first meeting of the Southwest Association of Parasitologists will be held in San Antonio, Texas on Saturday, March 23rd, with headquarters at the Ramada Inn, 333 N. W. Military Drive. If you desire accommodations at the Ramada Inn, please make your OWN reservations on the enclosed Ramada Inn card and mail it directly to the Ramada Inn.

If you are presenting a paper, the title should be indicated in the space provided on the card and returned not later than February 28th to Dr. Betty June Myers, 138B Ave. Del Rey, San Antonio, Texas 78216. Papers will be limited to 10 minutes.

The following program has been tentatively outlined for our first meeting and will be altered, if necessary.

Friday Evening:	Registration (\$2.00) beginning at 5 p.m., Ramada Inn. Evening get together (Ramada Inn).
Saturday Morning:	Registration Ramada Inn, 8 a.m. Welcome and opening remarks, 9 a.m. Report of Steering Committee Reading of proposed constitution Report of Nominating Committee Contributed papers Address: Dr. Robert G. Coatney Luncheon
Saturday Afternoon:	Contributed papers Business meeting
Saturday Evening:	To be arranged
Sunday:	Sightseeing

Since the attendance and interest shown in this meeting will determine the future of our organization, it is hoped that all will respond to this notice even though they might not be able to attend this meeting.

It is the hope of the steering committee that this meeting will be well attended and supported by all parasitologists in the Southwest as you are the organization. Please contact all who might be interested.

RAMADA ROOM RATES: Single \$10.25; 2 in room \$13.50; 3 in room \$17-50;  
4 in room \$19.50

**FIRST MEETING**  
**Southwestern Association of Parasitologists**  
**San Antonio, TX                      23 March 1968**

**PROGRAM**

---

R.G. Taylor, University of Oklahoma, Norman, OK, "Histological study of the host-parasite relations between meadowlarks (*Sturnella*) and *Microtetrameres sturnella* (Nematoda: Tetrameridae)."

W.H. Coil, University of Kansas, Lawrence, KS, "Embryogeny and histochemistry of *Infula macrocephalus*."

S.C. Dike, Tulane University, New Orleans, LA, "Ultrastructure and cytochemistry of the ceca of the digenetic trematodes."

R.D. Lumsden, Tulane University, New Orleans, LA, "Electron microscopy of pulmonary paragonimiasis."

D.E. Armstrong, Naval Medical School, Bethesda, MD, "Intestinal protozoa and helminths of the Taiwan Macaque (*Macaca cyclopis*)."

**Principle Address:**     G.R. Coatney, Louisiana State University, Baton Rouge, LA, "Malaria, Monkeys, Mosquitoes and Man."

J. Oakes, Tulane University, New Orleans, LA, "The cytochemical characterization of peroxidase activity found in some helminths."

A.M. Bentley, Tulane University, New Orleans, LA, "Observations on the response of adult *Hymenolepis diminuta* to wound injury."

L.J. Olson, University of Texas, Galveston, TX, "Villous atrophy and malabsorption of glucose in mice infected with *Trichinella spiralis*."

G. Rogers, Oklahoma State University, Stillwater, OK, "Gastric and intestinal helminths of the Guano bat *Tadarida brasiliensis mexicana*."

J.T. Self, University of Oklahoma, Norman, OK, "The biology of the Pentastomida."

---

# THE FIRST CONSTITUTION OF THE SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

---

## CONSTITUTION of the SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

### ARTICLE I (Name)

The name of this organization shall be the Southwestern Association of Parasitologists, hereinafter referred to as the Association.

### ARTICLE II (Objectives)

The objectives of the Association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, to provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.

### ARTICLE III (Membership)

The Association shall be open to all interested persons, regardless of place of employment, residence, or affiliation in other recognized societies, so long as the individuals' employment or affiliations do not advocate overthrow of the Constitution of the United States of America.

1. There shall be student members, i.e., individuals who have not earned a doctorate degree and are enrolled as full-time students in a recognized educational institution.
2. There shall be full members, i.e., individuals who have terminated their studies and those who do not fall into the student-member category.

### ARTICLE IV (Officers)

1. The officers of the Association shall be President, Vice-President, and Secretary-Treasurer.
2. The term of office of the President and Vice-President shall be one year, beginning at the close of the annual meeting.
3. The term of office of the Secretary-Treasurer shall be three years, beginning at the close of the annual meeting.

4. The duties of the officers shall be such as usually pertain to the offices held and also duties that may be prescribed by the Constitution.
5. Election of officers shall be by a simple majority of the members voting.
6. Each of the officers of the Association shall appoint a counterpart from the student membership for a one-year term whose duties are to assist his (or her) supervising officer in his (or her) duties.

ARTICLE V  
(Committees)

1. There shall be an Executive Committee of the Association composed of current officers and the student member counterparts and the President last retired. This committee shall pass on membership applications and shall be responsible for Association policy and for authorizing expenditure of Association funds by the Secretary-Treasurer.
2. The Vice-President shall be Chairman of the Program Committee, which shall consist of three (3) members. The two (2) members to serve with the Vice-President shall be appointed by him soon after he takes office and should come from the regional area responsible for the next meeting. One of the members from the local area shall serve as Chairman of the Subcommittee on local arrangements and shall appoint members of the Subcommittee. The Program Committee shall be responsible for local arrangements and the scientific sessions of the annual meeting.
3. The President shall appoint a Nominating Committee of three (3) members to nominate a candidate or candidates for each office to be filled at the next election. The Chairman of this Committee shall submit a list of nominees to the Secretary-Treasurer at least six (6) weeks prior to the date of the next annual meeting.
4. The President shall appoint any ad hoc committees which he or the Executive Committee deem necessary and representatives to other scientific organizations.

ARTICLE VI  
(Meetings)

1. An annual meeting shall be held in the spring of each year to provide for exchange of information pertinent to research and teaching of parasitology.
2. The annual business meeting of the Association shall be held in conjunction with the annual meeting.

3. The place of the annual meeting shall be determined by the Chairman of the Program Committee with the approval of the Executive Committee.

ARTICLE VII  
(Dues)

1. The annual membership dues for full members shall be two dollars (\$2.00) and one dollar (\$1.00) for student membership, payable at the time of application for membership and thereafter at the time of the annual meeting.
2. Failure to pay dues for one (1) year shall be considered as resignation from membership in the Association. Reinstatement may occur following the procedure for new members.
3. Changes in dues shall be made by the Executive Committee, subject to approval of the membership.

ARTICLE VIII  
(Quorum)

A quorum for the transaction of business of the Association shall be those members present at the annual meeting.

ARTICLE IX  
(Amendments)

Any proposed amendment shall be sent to the membership sixty (60) days before the annual meeting. Proposed amendments shall be adopted if approved by two-thirds ( $\frac{2}{3}$ ) of the members voting by mail ballot or by voting member present at annual meeting.

ARTICLE X  
(Rules of Order)

Roberts Rules of Order-Revised shall govern deliberations in all cases where they are applicable and are not inconsistent with this instrument or special rules of the Association.

THE PETITION FOR AFFILIATION WITH THE ASP,  
Dated March 23, 1968. Only 40 Signatures Are Legible.

San Antonio, Texas  
23 March 1968

To the Officers and Council of the American Society of Parasitologists  
Gentlemen:

We the undersigned members of the Southwestern Association of Parasitologists and members in good standing of the American Society of Parasitologists request affiliation with the American Society of Parasitologists as designated in Article VI Section 1 of its constitution. A copy of the constitution of the Southwestern Association of Parasitologists adopted 23 March 1968 is attached.

T. D. Cotten	Thomas G. Meade	John E. Trajans, Jr.
Jaques Self	Walter Moore	George S. Dulack
Robert O. Malinin	Robert Taylor	Robert E. Kenney
Jan Byrne III	Betty Jane Meyers	Mike Kempf
Shea Carls, Dike	Robt. H. Taylor	Homer T. Russell
John S. Hamer, Jr.	Winnis E. Wakim	Earl H. Weidner
Anna Majore Bentley	Adron Ewert	Sewell H. Hopkins
Franklin Sogardson	James P. Faudian	Chris S. Jordan
Raymond J. Demian	Thomas J. Sakin	J. C. Berry
Richard H. Lumsden	Thomas C. Orikel	Philip L. Young
Ronald V. Mast	Lucy J. Olson	
William H. Coil	George C. Rogers	
John T. Bridgman	Henner Stoff	
Dale Dinoff	Etta Macdonald	
	Edith Boy	
	Stephen Edwards	



**UNDATED NOTES OF THE FIRST SWAP BUSINESS MEETING.**

**These were undoubtedly recorded by hand at the meeting on March 23, 1968, but typed and placed in the records sometime after the ASP Council meeting on June 19, 1968.**

---

Dr. Donald V. Moore, on behalf of the nominating committee, presented the following nominations: President, G. Coatney; Vice-President, F. Sogandares-Bernal; Secretary-Treasurer, B. J. Myers. The officers were elected by acclamation.

Dr. Moore expressed thanks to the steering committee and to Dr. B. J. Myers and the local committee for the success of the meeting.

On June 19, 1968, at the annual meeting of the American Society of Parasitologists, Dr. Franklin Sogandares-Bernal presented the petition of Southwestern Association of Parasitologists for affiliation to the Council of the American Society of Parasitologists. Affiliation was unanimously approved and Dr. Thomas Orihel was appointed representative to council.

The following student assistants to the officers were appointed: President, James Byram III; Vice-President, Judy Graham; Secretary-Treasurer, William Hubbard.

The annual meeting for 1969 will be held in New Orleans, Louisiana in March.

Respectfully submitted,

Betty June Myers, Secretary-Treasurer

Encl. Lists of Committees

Southwest Association of Parasitologists Meeting  
23rd March 1968  
San Antonio Texas

Committees: In attendance

Steering committee:

Louisiana: Dr. Frank Sogandares  
Oklahoma: Dr. J. Teague Self  
Texas: Dr. Robert E Kuntz  
Dr. Betty June Myers

ex officio: Dr. Donald V. Moore

Local Committee:

Dr. Raymond Damian Mrs. Raymond Damian  
Dr. Robert E. Kuntz Mrs. Robert E. Kuntz  
Col. John Moose Mrs. John Moose  
Dr. Betty June Myers Mrs. Rosemary Luttmann

Constitution Committee:

Dr. J. Teague Self, Chr.  
Dr. Frank Sogandares  
Dr. Robert E. Kuntz  
Dr. Donald V. Moore  
Dr. Betty June Myers

Nominating:

Dr. J. Teague Self, Chr. (Oklahoma)  
Dr. Donald V. Moore (Texas)  
Dr. G. Robert Coatney (Louisiana)

Program:

Dr. Frank Sogandares, Chr. (Louisiana)  
Dr. Robert E. Kuntz (Texas)  
Dr. J. Teague Self (Oklahoma)

**RESOLUTIONS FROM THE FIRST MEETING OF SWAP, written by Dr. Olson.  
Certainly, these resolutions (like most others, even to the present date)  
were hand-written at the meeting and typed and submitted at a later date.**

---

On March 23, 1968, 70 parasitologists from Texas, Louisiana, Oklahoma, Kansas and Maryland met at the Ramada Inn, San Antonio, Texas, to form the Southwestern Association of Parasitologists. Dr. Donald V. Moore was presiding officer and Dr. Robert E. Kuntz, chairman of the Scientific Program, which consisted of 10 contributed papers.

A welcome to those in attendance was extended by Dr. Harold Vagtborg, President of Southwest Foundation for Research and Education. Dr. G. Robert Coatney, introduced by Dr. Frank Sogandares, presented a lecture, "Malaria, Monkeys, Mosquitoes and Man." A resume of parasitology in the southwest was given by Dr. J. Teague Self who served as toastmaster at the luncheon.

The constitutional committee presented a constitution which was un-animously accepted. A petition for affiliation with the American Society of Parasitologists (Article VI, Sect. I of its by-laws) was signed by 42 members of the American Society of Parasitologists in attendance at the meeting. The organization will be known as the Southwestern Associations of Parasitologists, or SWAP. Dr. LeRoy Olson presented the resolutions.

The membership of SWAP wishes to express appreciation and thanks to the following people for making this first meeting so successful: the local committee, Dr. and Mrs. Raymond Damian, Dr. and Mrs. R. E. Kuntz, Col. and Mrs. John Moose, Dr. B. J. Myers and Mrs. Rosemary Luttmann; the projectionists, Mr. William Hubbard, Mrs. Dorothy Thrawley, Mr. William Stawn and Col. John Moose, for the loan of projectors; and to Mrs. Julie Locke for stenographic help.

Respectfully submitted,

Leroy Olson

It was moved and seconded that the report be approved and the motion carried unanimously.

**PURPORTEDLY THE "OFFICIAL" LIST OF ATTENDEES AT THE FIRST SWAP MEETING, MARCH 23, 1968.  
Origin unknown. Note that 13 of the names on the Petition for Affiliation to ASP,  
also dated March 23, 1968, are not on this list.**

---

First Swap Meeting Attendance  
23 March 1968

ARMER, Sister Marie Joseph  
Department of Biology  
Incarnate Word College  
San Antonio, Texas 78209

ARMSTRONG, Dean E.  
Naval Medical School  
Naval Medical Research Institute  
Bethesda, Maryland 20014

BENTLEY, Anna  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

BERCHELMAN, Joe  
Department of Parasitology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

BERRY, J. E.  
Prairie View A & M College  
Prairie View, Texas 77445

BOX, Edith  
Department of Microbiology  
University of Texas Medical Branch  
Galveston, Texas 77550

COATNEY, Robert G.  
Department of Pharmacology  
Louisiana State University  
College of Medicine  
1542 Tulane Avenue  
New Orleans, Louisiana 70112

COIL, William  
Department of Zoology  
University of Kansas  
Lawrence, Kansas 66045

CORNILLE, Renee  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

DAMIAN, Raymond  
Department of Immunology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

DEAKINS, Dennis E.  
471 Elm Street  
Norman, Oklahoma 73609

DIKE, Sue Carlisle  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

HARVEY, John Silas, Jr.  
Department of Biology  
Sam Houston State College  
Huntsville, Texas 77340

HOPKINS, Sewell  
Department of Biology  
Texas A & M College  
College Station, Texas 77843

HUANG, T. C.  
Department of Parasitology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

HUFF, Dennis K.  
Department of Life Sciences  
University of Tulsa  
Tulsa, Oklahoma

HUI, Gabriel W. K.  
Department of Virology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

HURLBUT, Herbert  
Department of Virology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

JORDAN, Chris  
Dallas Baptist College  
P.O. Box 21206  
Dallas, Texas 75211

KALTER, S. S., Director  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

KNIGHT, Bill  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

KRIEWALDT, Frank  
Department of Animal Resources  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

KUNTZ, Robert E.  
Department of Parasitology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

LANDRAM, James F.  
P.O. Box 188  
Lake Jackson, Texas 77566

LUMSDEN, Richard D.  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

MILLSTEIN, Conan  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

MEADE, Thomas G.  
Department of Biology  
Sam Houston State College  
Huntsville, Texas 77340

MARCIAQ, Yolanda  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

MASON, Georgiana  
Department of Biology  
Tulane University  
New Orleans, Louisiana 70118

MAY, Howard C., Jr.  
Department of Animal Resources  
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Research and Education  
San Antonio, Texas 78206

MOORE, Donald V.  
Department of Microbiology  
The University of Texas  
Southwestern Medical School  
Dallas, Texas 75235

MOORE, Jerry A.  
Department of Parasitology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

MOOSE, John  
Department of Pathology &  
Laboratory Science  
MFSS BAMC  
Fort Sam Houston, Texas 78234

MORRISON, Eston  
P.O. Box 219  
Tanton Station  
Stephenville, Texas 76401

MYERS, Betty June  
Department of Parasitology  
Division of Microbiology &  
Infectious Diseases  
Southwest Foundation for  
Research and Education  
San Antonio, Texas 78206

MURPHY, Captain Dennis  
Fourth Army Laboratory  
Fort Sam Houston, Texas 78234

OAKS, John A.  
Department of Biology  
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San Antonio, Texas 78206

YOUNG, Phillip  
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Texas A & M College  
Prairie View, Texas 77843

**CALL FOR MEMBERSHIP FOLLOWING THE FIRST SWAP MEETING**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
138-B Avenue Del Rey  
San Antonio, Texas 78216

April 20, 1968

Dear Fellow Parasitologists:

The first meeting of the Southwestern Association of Parasitologists was held in San Antonio, Texas, March 23, 1968. During this meeting a constitution was adopted and a petition for affiliation with the American Society of Parasitology was signed by 41 active members of the American Society of Parasitologists.

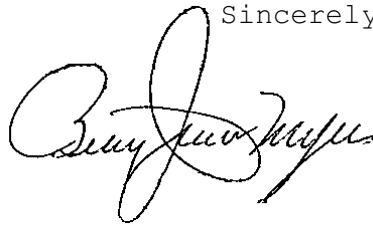
Now we need each of you as members, as you are the Association.

Enclosed you will find an Application for Membership and a copy of the Constitution. Since it is impossible to know whether I have reached all interested and eligible people (Article III), I am asking your help. Please will you send me the names of interested people we should contact?

Since it is the individuals who make the organization, I would like to ask each of you to become an active member by sending suggestions for future meetings, programs, etc. If you are available to help in our Association, would you so indicate your willingness to serve.

Thank you again for making the Southwestern Association of Parasitologists a reality and please keep your suggestions, as well as any questions, coming this way so that we can be an active organization.

Sincerely yours,



Betty June Myers, Ph.D.  
Secretary-Treasurer  
Southwestern Association  
of Parasitologists

Enclosures

President

Dr. G. Robert Coatney

Vice-President

Dr. Franklin Bernal-Sogandares

LETTER FROM DR. CLARK P. READ TO DR. B.J. MYERS,  
JOINING SWAP PRIOR TO THE SECOND MEETING

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RICE UNIVERSITY  
HOUSTON, TEXAS 77001

DEPARTMENT OF BIOLOGY

May 1, 1968

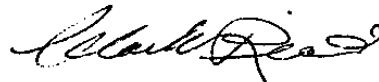
Dr. Betty June Myers  
138B Avenue Del Rey  
San Antonio, Texas 78216

Dear Dr. Myers:

Enclosed is my application and dues for the Southwestern Association. At the risk of being a troublemaker, I must remark that the "Communist Exclusion" clause in Article III of the Constitution seems to me to be quite silly. Of course, this may be one of those things required by the State of Texas. The wording is ridiculous. If someone advocated the overthrow of the Constitution by popular vote, would he be excluded from membership? Was this section, as written, adopted by a vote of the Association?

You mentioned the possibility of coming over for a visit to use the reprint collection. Please come at any time you desire. The collection includes Professor Chandler's as well as my own and is reasonably good. Our library is also quite good for a working parasitologist.

Sincerely yours,



Clark P. Read  
Professor and

Chairman

of Biology

Enclosure

CPR:nm



SECOND MEETING  
Southwestern Association of Parasitologists  
New Orleans, LA      21–23 March 1969

PROGRAM

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**Friday, 21 March 1969**

- W.J. Kozek, Tulane University, New Orleans, LA, "Comparison of the ultrastructure of a micro-filaria and the prelarva of *Trichinella spiralis*."
- J. Oaks and N. Persoff, Tulane University, New Orleans, LA, "Nemertean surface ultrastructure."
- P. Stein and R.D. Lumsden, Tulane University, New Orleans, LA, "Structure and formation of *Ascocotyle* metacercarial cysts (Trematoda: Heterophyidae)."
- D. Pence, Louisiana State University Medical Center, New Orleans, LA, "Fine structure and histochemistry of the egg of *Hymenolepis diminuta*."
- E. Weidner, Tulane University, New Orleans, LA, "Ultrastructural studies of microsporidian sporoblasts."
- D.E. Justus and M.H. Ivey, University of Oklahoma Medical Center, Oklahoma City, OK, "Chitinase activity of developmental stages of *Ascaris suum*."

**Demonstrations**

- R.D. Wright, Tulane University, New Orleans, LA, "Ultrastructure of acanthocephalan ova and sperm."
- D.E. Deakins, Oklahoma City Zoo, OK, "Visceral and cutaneous migration of *Kiricephalus coarctus* (Pentastomida) in *Thamnocephalus* (Serpentes)."
- D. Karin and R.D. Lumsden, Tulane University, New Orleans, LA, "Cytological features of the host response to helminth infections."
- W.M. Kemp, Tulane University, New Orleans, LA, "Ultrastructure and histochemistry of the Cercarien-hullenreaktion of *Schistosoma mansoni*."
- E. Weidner, Tulane University, New Orleans, LA, "Ultrastructural development of *Nosema* sp. (Microsporidia), in *Callinectes sapidus* Rathbun (Crustacea)."

**Saturday, 22 March 1969**

- C.P. Read, Rice University, Houston, TX, "Carbon exchanges between *Hymenolepis* and its host."
- D.E. Bice and R. Zeledon, Louisiana State University, New Orleans, LA, "The influence of sex on parasitemia and tissue invasion of strains of *Trypanosoma cruzi*."
- T.M. Johnson, Southwest Foundation for Research and Education, San Antonio, TX, "Adaptation of *Nippostrongylus brasiliensis* to a new host."
- C.P. Turner, Lamar State College, Beaumont, TX, "Susceptibility of various insect pests to *Neoapectana glaseri* Steiner, 1929."

- G. Mason, Tulane University, New Orleans, LA, "Studies on frog trypanosomiasis: Further characterization of the photoperiodic responses of *Trypanosoma retatorium* in *Rana clamitans*."
- R.D. Walsh, Rice University, Houston, TX, "The effects of *Lankesteria* sp. on *Aedes*."
- R. Cornille, Tulane University, New Orleans, LA, "Cellular and humoral aspects of the immune response in experimental African trypanosomiasis."
- R.T. Damian and N.D. Greene, Southwest Foundation for Research and Education, San Antonio, TX, "*Schistosoma mansoni* in baboons: A progress report on an immunological program."
- P. Charoenlarp, Louisiana State University Medical Center, New Orleans, LA, "Immunochemical characteristics of the glucokinase of *Entamoeba histolytica*."
- J.C. Williams, Louisiana State University Medical Center, New Orleans, LA, "Immunological studies on the canine hookworm *Ancylostoma caninum*."
- R.D. Lumsden, J. Oaks and R.R. Mills, Tulane University, New Orleans, LA, "Cytochemical investigations on the peroxidatic activity of helminth mitochondria."
- Y. Marciacq, Tulane University, New Orleans, LA, "The effect of *Trypanosoma gambiense* on four enzymes of carbohydrate metabolism in the liver of guinea pigs."
- D.N. Kruse, Northwestern State College, Natchitoches, TX, "Abnormal pigmentation of commercial shrimp parasitized by microsporidians."

**Presidential Address:** G.R. Coatney, Louisiana State University, "Research: What is it?"

- A. Kobkul, Tulane University, New Orleans, LA, "The cheek pouch as a route of infection with *Schistosoma mansoni* in the hamster."
- H. Gentner, S. Monoloy and J.T. Self, University of Oklahoma, Norman, OK, "Changes in the parasite fauna of *Lepomis* spp. in the Little River watershed after impoundment."
- D.E. Deakins, Oklahoma City Zoo, OK, "*Raillietiella orientalis* (Pentastomida) hyperinfection in *Naja naja philippinensis* (Serpentes: Reptilia)."
- D.E. Deakins and J.T. Self, Oklahoma City Zoo and University of Oklahoma, Norman, OK, "Viviparity in Pentastomida, evidence of protoembryonic larvae in *Raillietiella* female."
- J.E. Trainer, Jr., University of Oklahoma, Norman, OK, "Dynamics of the endoparasitic helminth fauna of robins."
- E. Winsor, Tulane University, New Orleans, LA, "Mating and pairing of *Angiostrongylus cantonensis* in the lung of the rat."
- J.H. Chappell, Rice University, Houston, TX, "Absorption of higher fatty acids by *Hymenolepis*."
- V. Steingruber, Rice University, Houston, TX, "The glycogen of *Trichomonas*."
- W.B. Lushbaugh, New Mexico State University, Las Cruces, NM, "Chemical systematics of *Proterometra* spp. (Trematoda: Azygiidae)."
- R.D. Wright and R.D. Lumsden, Tulane University, New Orleans, LA, "Ultrastructural and cytochemical observations on the surface complex of *Moniliformis dubius*."

## SUMMARIZED MINUTES OF THE SECOND MEETING

### This Summary of the Various Business Activities of the Second Meeting Was Submitted by Dr. B.J. Myers.

The second Annual Meeting of the Southwestern Association of Parasitologists was held in New Orleans on 21-23 March 1969. 103 were in attendance and 39 papers presented.

The business meeting was called to order by Dr. G. Robert Coatney. The Secretary-Treasurer's report was presented and accepted. Dr. Harry Bennett served as the auditor and presented the following report:

On this date the Auditing Committee has examined the financial statement of the Secretary-Treasurer for the period of 23 March 1968 to 15 March 1969 and found it to be complete and correct.

/s/ Harry Bennett

Dr. Donald V. Moore, Chairman of the Nominating Committee (Dr. Michael Ivey and Dr. Lee Warren) presented the following nomination of officers for 1969-70: Dr. J. Teague Self, President, Dr. LeRoy Olsen, Vice-President and Dr. Betty June Myers, Secretary-Treasurer. The officers were elected by acclamation.

Dr. J. Teague Self, President-elect, discussed the possibility of having the next meeting at the University of Oklahoma Biological Station rather than in a city. The members will be asked to vote on the matter at a later date.

Dr. Raymond Damian presented the following resolutions:

The Resolution Committee, consisting of Dr. Dale Little and myself, on behalf of the membership of SWAP, wishes to express appreciation and thanks to the following people for making this meeting so enjoyable and successful:

Local Committee:

Dr. Richard Lumsden  
Dr. Franklin Sogandares-Bernal  
Dr. Thomas Orihel  
Dr. Lee Warren  
Dr. G. Robert Coatney

Our thanks to Mr. James Comeaux of the audio-visual staff, the faculty and Dean of the Louisiana State University Medical Center for meeting facilities, and to the local committee at LSU: Bill Lushbaugh, Jim Williams, George Childs, Harstry Dupuy, Dan Pence, Mark Feldman and Nancy Herban; Registration Committee: Lane Graham; and hospitality hour at Tulane: John Oaks and Michael Kemp.

/s/ Raymond Damian

/s/ Dale Little

Dr. Franklin Sogandares-Bernal introduced Dr. G. Robert Coatney who presented presidential remarks entitled, "Research--What is It?"

Dr. Donald V. Moore, Secretary-Treasurer, American Society of Parasitologists commented on the papers being given and suggested that the investigators consider presenting them at the American Society of Parasitologists meeting in November.

BJM/m

**REMARKS BY THE PRESIDENT AT THE SECOND MEETING**  
**Prepared and Delivered by Dr. G. Robert Coatney on March 22, 1969,**  
**at the Second Meeting in New Orleans, Louisiana.**

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RESEARCH: WHAT IS IT?

Research as defined by Webster as a studious inquiry, a critical and exhaustive investigation. In other words, what is the truth about a certain subject? Actually, I am using the word "research" as an intransitive verb "to do research"; and, in that vein, it means people. To some (people) research is a lost cause, an illusion, a plague to be avoided at all cost. To others, it is a way of life, the promised land, an open field of great adventure. Between, lies a gray area made up of those who look upon research as a status symbol or as a step toward promotion under the rule of publish or perish. During the short time allotted for this presentation, let us examine these different attitudes.

Most faculty positions in colleges and universities today go to those with a Ph.D. degree. Therefore, if a person wants to enjoy a college atmosphere, he must hold the doctorate--a research degree. Among candidates for degrees we find the same kind of people mentioned earlier.

First, I would like to discuss the lost-cause soul. This individual imagines during his graduate school days that he might like research if exposed to it properly. He embarks, perseveres, and wins the degree but he isn't inspired. He is in the club--no more, no less. All is not lost, however; this man may turn out to be a master teacher. Because he is trained in the rigors of research, he may do one other thing well, too; i.e., pick talented students with a research bent and impart to them the satisfaction of research. There are many examples to illustrate this point, but two that come to mind are the late Dr. Claude Shirk of Nebraska Wesleyan University and the late Dr. C. A. Herrick of the University of Wisconsin. Dr. Shirk avoided the tedium of research himself but picked undergraduate students for advanced training who now occupy important teaching and research positions in several great universities of the country. Dr. Herrick escaped the full tedium of research in another way. He directed the research of many graduate students in protozoology at Wisconsin and seldom published a full paper except as a junior author. Were these men failures? No. They deserve our approbation.

We now come to the second category, the frustrated plodder. He feels caught up in the system. He is without imagination and the prime ingredient of research, which I call "wonder." He publishes an acceptable paper every year or so and makes a special spurt some months before he expects to come up for promotion. This so-called investigator is seldom a good teacher because his frustration shows through. You can't fool the students for very long and he hasn't the nerve to counsel young people to enter a field where he himself is miserable. Such an individual should quit the fold early and seek employment in business, the arts, or the fourth estate.

The third category excites the imagination of all of us. Here we find the successful investigator whose whole demeanor points to a happy person, a man who enjoys his work. In describing this man, I must give credit to the poet John Ciardi, formerly professor of English at Rutgers University. Ciardi once said that work should be autotelic. In other words, sufficient unto itself. This being true, work should never be confused with employment. In support of that idea, Dr. Ciardi gave up teaching in favor of the lecture platform because it paid extremely well, took little time, and gave him greater time for his work. I am sure those of you who read his latest poem in the March 1st edition of The Saturday Review are happy that his employment permits greater time for his work.

Some people in my first and second categories do not make this difference. To them, employment and work are the same. They must rationalize to do this, although unwittingly, and they say, "I'm sorry. I just can't do research in my present position because my teaching load is very heavy and all my spare time is taken up with committee meetings, counseling students, and, as you know, I enjoy boy scout work, too." Their reasons for not doing research, and I've heard the record played at 78 and more recently at 33 1/3 RPM'S, are spurious. If they wanted to do research, granted the ability was there, they could and they would. They don't really want to do research, because to them employment and work are the same thing.

As you all know, Dr. Theobald Smith was an eminent American pathologist and parasitologist. He described the etiological agent of Texas cattle fever, Babesia bigemina, in 1892 and is credited, although erroneously, with proving the tick transmission of the disease. In 1932, Dr. E. B. Krumbhaar was Professor of Pathology at the University of Pennsylvania and shared a teaching laboratory with Dr. Stuart Mudd, the Professor of Bacteriology. Krumbhaar and Mudd had put up a few photographs and framed autograph letters of famous pathologists and bacteriologists on the walls of the laboratory as an inspiration to students. Krumbhaar wrote to Smith, who by then was Director of the Rockefeller Institute for Medical Research at Princeton, N.J., for an autographed letter that could be framed along with his photograph and hung in the laboratory. For some reason Dr. Smith waited a year to reply but the reply was a memorable one. I wish to quote one sentence from his letter. "The investigator must be ready and on the spot when the light comes from whatever direction." What he did in that sentence was to name what he considered the three attributes of an investigator: training, the right spot, and the ability to see the light. To my mind there are two others: the ability to wonder and a facile pen.

I would like to give you an example. In the 1958-59 era we still did not have an injectable, long lasting, antimalarial drug. Those of us interested in the problem had mentioned many times that surely there was a way to depot a drug in the human tissue which would give "continuous treatment" over a long period. Expositions of this kind fell on deaf ears, so we thought. However, as we learned later, one man, Dr. Edward Elslager of Parke, Davis and Company, had heard and had remembered. Elslager knew that the triazine metabolite of chlorguanide

(Paludrine) was a highly effective drug against malaria, but because it was eliminated quickly it had no real practical value. He also knew certain other things: 1) that the Germans had used the pamoic acid salt of pamoquin to reduce its toxicity, and 2) he knew that the Parke, Davis and Company pyrvinium chloride, for the treatment of hookworm, became bad tasting after standing but that the pamoic acid salt, now sold as Povon, was tasteless, well tolerated, very insoluble, and therapeutically effective. At this point he wondered if he could repeat his Povon success with the triazine of chlorguanide. He synthesized the pamoic acid salt of chlorguanide and was pleased to learn that the crystals were extremely insoluble in water (about 0.003%). This was gratifying, but not exactly cause for elation because it was well known that the action of a given salt cannot be reliably predicted on the basis of its aqueous solubility. But the end is not yet. Again to wonder, will those crystals deposited in the right place release sufficient drug over a long time to be therapeutically effective? The details of the trials of the resulting preparation (CI-501 or Camolar) are beyond the scope of this presentation; but for those who may be unfamiliar with the preparation, suffice it to say that the drug Camolar, when given as a single injection deep into the muscle of the hip, will protect an adult against malaria for upwards of five months. Something over 55,000 injections have been given in Guatemala alone during the last 18 months where control-eradication of malaria is dependent on that preparation. In other words, it works. This is true because a trained individual was in the right spot, had the ability to see the light, and "wondered if." In 1961 and since Elslager, Thompson, and many others have spread the word about CI-501 (Camolar) via the printed page and now the world knows. All the attributes for successful research were displayed here.

Research, then, is different things to different people. To some a prison, to others a tolerable existence but to the competent and the gifted an exhilarating experience or, even, a great adventure.

PROPOSAL TO HOLD THE THIRD MEETING AT LAKE TEXOMA  
Letter from Dr. J.T. Self to Secretary-Treasurer B.J. Myers, Offering to Hold  
The Third SWAP meeting at the UOBS Field Station near Lake Texoma, Oklahoma.

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730 So. Oval  
DEPARTMENT  
OF ZOOLOGY

THE UNIVERSITY OF OKLAHOMA  
NORMAN, OKLAHOMA 73069

April 30, 1969

Dr. Betty June Myers, Secretary-Treasurer  
Southwestern Association of Parasitologists  
138 B Avenue Del Rey  
San Antonio, Texas 78216

Dear Betty June:

In thinking over the business of SWAP, it occurs to me that you might as well go ahead and notify the members of the nominations committee that they have been appointed for that job for next year. This will give them ample time to think about the officers for the coming year, although it is inevitable that you must remind them about the beginning of next year that they are to come up with nominations.

During the past four weeks, I have spent two weekends at the Biological Station assisting in teaching groups of high school students who are brought there for sessions of the "outdoors." My impression of the station as a meeting place now is that on the 20th of March next year, it will be fairly cold there, there will be no flowers out, the lake will be beautiful, and there will be plenty of opportunity for recreation by boating on the lake, etc. The water will be too cold for swimming. While the main dining room is heated, and there are two apartments which are heated, all of the remainder of the living facilities will have baths, hot water, beds with mattresses, but no linens or covers and no heat. Persons coming to the meeting could expect to get a package deal for the weekend much cheaper than they would pay for motels and food at any other center. They would need however to bring a sleeping bag or linens and blankets, towels, soap, etc. There would be an ample number of apartments with double beds and for families, cots for the children, and these would all have baths and hot running water. There is a boy's dormitory with a battery of showers and a lot of double-decker beds. It would therefore be possible for single men to live in the dormitory or to reserve apartments. Girls would stay in apartments, but it would be possible for them to double up. In general, I would say that they should bring their thermals for sleeping, rough clothing with windbreakers and sweaters for the daytime and not prepare for any formal occasion. They could expect a barrel of beer in the dining room to be consumed from Friday afternoon on until it is gone. There would be no other place for them to go, except to "Sindys," a beer joint a mile away where all of the Texans come across the Red River from the local option counties to drink beer in Oklahoma. I do believe in spite of this however that if they would bring a few guitars for people to strum on, and someone to lead in singing and that sort

of thing, they could enjoy themselves quite significantly. We would, I suspect, want to have a formal program on Friday evening, and perhaps this would be a paper session such as we had in New Orleans in order to finish the program on Saturday. I would plan to give no presidential address but rather some comments at the noon luncheon on Saturday.

*all send  
mail  
material  
first  
though*

One of these days, you might want to get out a newsletter informing them of the nature of the biological station, pointing out, except for the fact that apartments in general are not heated, that they must bring their own bed linens and towels and soap, that things will be quite comfortable, and there is a large dining room for eating and meeting purposes. The latter is heated. A packaged deal will give them country food and lodging at a price much cheaper than they would get anywhere else. If they turn all of this down, then we had best start looking for a place in a central location where they can stay in motels and meet at an institution.

Don't let me put you to a lot of trouble, but unless you get a definite response indicating that they want to come to the station, I think we should inform them about its nature and let them determine if they want to have their meeting there.

We all appreciate all of the work you are doing, and may I assure you that the SWAP prospers under you dedicated leadership.

Cordially yours,

*Teague*

J. Teague Self  
President

JTS:slh

*I asked Loren Hill the UOBS director to reserve  
March 20, 21, 22 for our meeting*



THIRD MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      19-21 March 1970

PROGRAM

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Friday, 20 March 1970

- P. Mount, Tulane University, New Orleans, LA, "Ultrastructure of the miracidium of *Paragonimus kellicotti*."
- P.C. Stein, Southern University, New Orleans, LA, "Ultrastructure and surface histochemistry of the redial stage of *Ascocotyle* spp."
- R.D. Lumsden, Tulane University, New Orleans, LA, "Localization and cytochemical characterization of membrane fixed cation binding in the cestode tegument plasmalemma."
- J.A. Oaks, Tulane University, New Orleans, LA, "Observations on the surface morphology of a monogenetic trematode."
- R.D. Wright, Tulane University, New Orleans, LA, "The acanthor membranes of *Moniliformis dubius*."
- J.T. Self, University of Oklahoma, Norman, OK, "Host tissue response to experimental pentastome infections."
- D. Deakins, University of Oklahoma, Norman, OK, "*Mahafaliella* (Gretillat, Brygoo and Domergne, 1962) and *Gretillatia* (de Silva-Motta, 1965) synonyms of *Raillettiella* Sambon, 1910 (Pentastomida: Cephalobaenida)."
- M.G. Anderson and F.M. Anderson, New Mexico State University, Las Cruces, NM, "Chromosomes and systematics of a trematode genus."
- L. Graham, Tulane University, New Orleans, LA, "The effect of photoperiod on the shedding of the cercariae of *Styphlodera magna*."
- H.T. Russell, Jr., Stephen F. Austin University, Nacogdoches, TX, "Cinematic analysis of gregarine movements and locomotion."
- G.C. Southworth, Rice University, Houston, TX, "Specificity of carbohydrate transport in *Trypanosoma gambiense*."
- W.B. Lushbaugh and L.G. Warren, Louisiana State University Medical Center, New Orleans, LA, "Carbon dioxide fixation in *Ancylostoma caninum*."
- C.P. Read, Rice University, Houston, TX, "Enzyme-sharing of helminths and hosts."
- W.M. Kemp, Tulane University, New Orleans, LA, "Ultrastructure of the penetration gland cells of *Schistosoma mansoni*."
- E.C. Powell, Tulane University, New Orleans, LA, "The ultrastructure of the excretory system of *Schistosoma mansoni*."
- S.C. Dike, Rice University, Houston, TX, "Feeding in *Schistosoma mansoni*."

- B.J. Meyers, R.E. Kuntz, T.C. Huang and J.A. Moore, Southwest Foundation for Research and Education, San Antonio, TX, "Biology of *Schistoma haematobium* in different definitive hosts."
- R.E. Kuntz, B.J. Myers, J.A. Moore and T.C. Huang, Southwest Foundation for Research and Education, San Antonio, TX, "Non-human primates as models for schistomiasis haematobia."

**Saturday, 21 March 1970**

- J.E. Joy, Texas A&M University, College Station, TX, "The influence of day length on the egg-laying of *Biomphalaria glabrata*."
- W.S. Hubbard, R.T. Damian and N.D. Greene, Southwest Foundation for Research and Education, San Antonio, TX, "A study of antigens shared between *Schistosoma mansoni* and its mouse host."
- H.P. Brown, University of Oklahoma, Norman, OK, "Arthropod parasites of riffle beetles (Dryopoidea) with notes on a new species of *Trichopria* (Hymenoptera, Proctotrupoidea, Darapriidae)."
- C.E. Hopla, University of Oklahoma, Norman, OK, "Fleas (*Pulex*) and host associations."
- G.S. Tulloch, San Antonio, TX, "Human dirofilariasis."
- L.J. Olsen, University of Texas, Galveston, TX, "Ocular toxocariasis in mice."
- S.M. El Biharia, University of Texas, Galveston, TX, "A method for the rapid recovery of *Burgia*."
- J. Richardson, University of Texas, Galveston, TX, "Intestinal absorption in *Trichinella spiralis*-infected mice using glucose C<sub>14</sub>."
- D.E. Armstrong, Washington Hospital Center, Washington, DC, "A human case of *Entamoeba plecki*."
- D. Martins, Tulane University, New Orleans, LA, "Seasonal fluctuation of bat (*Tardaria brasiliensis*) helminths in Texas and New Orleans."
- C.A. Bedinger, Texas A&M University, College Station, TX, "Parasitism in some deeper water benthic fishes from the Gulf of Mexico."
- W.H. Coil, University of Kansas, Lawrence, KS, "Studies on the embryogeny of tapeworms."
- C.L. Liu, Aeromedical Research Institute, F.A.A. and University of Oklahoma, Oklahoma City, OK, "Transfer of immunity to *Hymenolepis nana*."
- W. Friedberg, Aeromedical Research Institute, F.A.A., Oklahoma City, OK, "Immunity of *Hymenolepis nana*: Effect of radiation and bone marrow."
- J. Graham, Tulane University, New Orleans, LA, "Monoaxenic cultivation of *Hymenolepis diminuta* cysticercoids with rat fibroblast cells."
- J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Ultrastructure of cysticercoids in *Hymenolepis diminuta*."
- P.W. Pappas and J.E. Trainer, Jr., University of Oklahoma, Norman, OK, "Autoradiographic localization of *in vitro* incorporated H<sup>3</sup>-arginine in *Cephalogonimus americanus*."

**UNDATED NOTES OF THE THIRD SWAP BUSINESS MEETING,  
Produced by B.J. Myers Sometime After the Third Meeting, March 19-21, 1970.**

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The third Annual Meeting of the Southwestern Association of Parasitologists was held at the University of Oklahoma Biological Station at Lake Texoma (Willis) Oklahoma on 19-21 March 1970.

Ninety six were in attendance and 37 papers were presented at three scientific sessions.

Evening talks were presented by Dr. Loren Hill, Director of the Lake Texoma Station who presented a history of the Lake Texoma Station and Dr. Robert E. Kuntz presented an illustrated talk "Ihla Formosa--Man, Animals and Parasites."

The annual business meeting was called to order by Dr. J. Teague Self. The Secretary-Treasurer's report was presented and accepted. The report of the auditing committee was presented by Dr. Self. "On this date the auditing committee has examined the financial statement of the Secretary-Treasurer for the period of 15 March 1969-15 March 1970 and found it to be complete and correct."

Dr. Thomas Orhiel representative to ASP Council reported on the 1969 council meeting. Two affiliated societies were recognized by the council: "Southeastern Society of Parasitologists" and "Northern California Parasitologists." It was reported that the American Society of Parasitologists has voted to withdraw from AIBS membership. Student members attending the meeting were urged to take advantage of the student registration rates for the International Congress of Parasitologists to be held in Washington, D.C., in September. Dr. Frank Sogandares reported on QUEBS and Dr. Donald Moore on the ASP recommendation to the International Commission on Zoological Nomenclature to ask for the repeal of Article 23 section B of the International Code of Nomenclature.

Dr. Thomas Meade presented the following names for consideration of officers for the ensuing years and an unanimous ballot was cast for the election.... Dr. Franklin Sogandares-Bernal, President; Dr. Lee Warren, Vice-President.

Dr. Thomas Meade presented the following resolution: "The Resolution Committee, consisting of Dr. Frank Sogandares-Bernal and myself on behalf of SWAP wishes to express appreciation and thanks to the following people for making the third meeting so enjoyable and so successful: Local Committee: Dr. J. Teague Self, Mr. John Trainer, Gary Rodrick, Steve Monaloy, and Dr. and Mrs. Loren Hill; the Student Reception Committee, Dale Rookstool, Katherine Have, Jan Coleman and Dee Dunlop, and the local kitchen help Van and Dan Johnson and Sharel Motes, and Mr. Peter Pappas, projectionist; Dr. Loren Hill for printing the program, and Mrs. Hill for meal preparation, and to the University of Oklahoma for providing the facilities of their biological station.

Student assistants were introduced: Mr. John Trainer, President; Mr. Jim Richardson, Vice-President; and Mr. Dennis Martin, Secretary-Treasurer. Mr. John Trainer expressed the appreciation of the students for being able to assume an active role in the society and for the informal atmosphere to meet with professors and their colleagues.

A motion was presented and passed that the meetings be held at the Lake Texoma Station every second year.

Dr. J. Teague Self presented presidential remarks concerning the advancement of parasitology.

The gavel was presented to Dr. Sogandares-Bernal, incoming President, who introduced his officers, Dr. Lee Warren, Vice-President, and Dr. Betty June Myers, Secretary-Treasurer. Dr. Thomas Orhiel was reappointed representative to the American Society of Parasitologists Council. Dr. Le Roy Olsen presented information on the cost of having the meeting at Galveston and after a discussion it was decided to obtain additional information on universities willing to host the 1971 meeting.

The meeting was then adjourned.

Secretary Treasurer  
Betty June Myers

Dr. J. Teague Self, President  
Dr. Le Roy Olsen, Vice-President

**UNDATED LETTER FROM B.J. MYERS TO F. SOGANDARES-BERNAL**  
**This Letter Was Sent by the Secretary-Treasurer to President Sogandares-Bernal**  
**Sometime After the Third Meeting.**

---

138-B Ave. Del Rey  
San Antonio Texas 78216

Dr. Frank Sogandares  
Dept. Biology  
Lab Parasitology  
Tulane Univ  
New Orleans LA

Dear Frank,

Enclosed are copies of letters concerning our last meeting of SWAP; I still have a few to go but will make it eventually. I think these are the most important ones and the others can go with the meeting mailing.

I am enclosing a copy of a letter from Sewell Hopkins re the next meeting. Sounds good and I think perhaps we should plan on having it there . . . and put out for a vote for Lake Texoma or another Biological Station every second year. As to the date many have expressed opinions on it and with immunology and related fields now coming into our group the federation meeting are always held in April and if we switch to April we will lose these members. Another comment from several people was concerning election of officers; they felt more than one name should be submitted in the future and a ballot cast, perhaps prior to the meeting. I think perhaps they are correct and we do want to keep active interest. I think with four years behind us we are over a critical period and the organization is well established.

We only had one disgruntled member at the meeting re arrangements, etc. and I asked him to write me a letter for the records but none was forthcoming so the incident is closed.

After you and Lee talk over the meeting arrangements you can advise me and I will get out a letter reporting on our last meeting, dues notices and future meetings.

Student assistants should be appointed and I will ask for your advice on mine, there are no students from the San Antonio area so I would like to select one to work with the program committee either at College Station or from your area. . . .

My best regards to all. . . .

Sincerely

Betty June

FOURTH MEETING  
Southwestern Association of Parasitologists  
College Station, TX      22-24 April 1971

PROGRAM

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Friday, 23 April 1971

- C.P. Turco, Lamar State College of Technology, Beaumont, TX, "Studies on *Reesimermis nielseni* (Mermithidae) parasitizing *Culex pipiens quinquefasciatus* Say in Louisiana and Texas."
- R.E. Everett, M.A. Price and S.E. Kunz, Texas A&M University and ARS, USDA, College Station, TX, "Biology of the chigger *Neoschongastia americana*."
- A.H. Harris and J.G. Ragan, Nicholls State University, Thibodaux, LA, "Observations on the ecology and incidence of *Loxothylacus texanus* Boschma parasitic in the blue crab (*Callinectes sapidus* Rathburn) in South Louisiana."
- G. Ragan and V. Aldrich, Nicholls State University, Thibodaux, LA, "Infection of brown and white shrimp (*Penaeus aztecus* and *P. setiferus*) by the trypanorhychan cestode, *Prochristianella penaei* Druse."
- P.J. Phillips, Texas A&M University, College Station, TX, "*Ouwensia* sp. (*incertae sedis*), a peculiar, vermiform parasite of the cabbagehead jellyfish, *Stomolophus meleagris*."
- R.L. Whisennand, Stephen F. Austin University, Nacogdoches, TX, "Helminths of water snakes collected in Nacogdoches County, Texas."
- R.D. Anderson, Texas A&M University, College Station, TX, "The distribution and relative abundance of *Nematopsis* spp., as found in *Crassostrea virginica* (Gmelin) in the Galveston Bay Area."
- B.J. Meyers and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Oesophagostomiasis in cercopithecoid primates."
- A.G. Canaris, University of Texas, El Paso, TX, "Life cycle of *Concinnium peromysci*, a pancreatic parasite (Trematoda: Dicrocoeliidae)."
- S.K. Joy, Texas A&M University, College Station, TX, "Factors affecting the numbers of certain ectoparasites on the cotton rat, *Sigmodon hispidus texianus*."
- W.B. Lushbaugh, Louisiana State Medical Center, New Orleans, LA, "Parasite tegument."
- S.C. Dyke and C.P. Read, Rice University, Houston, TX, "Spatial proximity of a surface enzyme to a transport system in *Hymenolepis diminuta*."
- D.A. Munson, Tulane University School of Medicine, New Orleans, LA, "Observations on the histochemical morphology of *Spathelobothrium simplex* Linton, 1922 (Cestoda)."
- J.E. Ubelaker, V.F. Allison and J.M. Riddle, Southern Methodist University, Dallas, TX, "Application of scanning electron microscopy to the study of nematode morphology."
- J.E. Trainer, Jr., University of Oklahoma, Norman, OK, "The nature of the cuticle of *Porocephalus crotali*."

- C. Southworth, Rice University, Houston, TX, "Nutrient transport and parasite adaptation to host environment."
- P.W. Pappas, University of Oklahoma, Norman, OK, "Uptake, localization, and fate of  $^3\text{H}$ -arginine in *Heamatoloechus medioplexus* (Trematoda)."
- L.M. Schanbacher and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Some physiological considerations for the movement of 3-O-methylglucose across the intestine of *Ascaris*."
- G. Pittman and F.M. Fisher, Jr., Rice University, Houston, TX, "The uptake of glycerol by *Hymenolepis diminuta*."
- J.A. Starling and F.M. Fisher, Jr., Rice University, Houston, TX, "Absorption and metabolism of hexoses by the acanthocephalan *Moniliformis dubius*."
- G.E. Rodrick, University of Oklahoma, Norman, OK, "A study of lactate dehydrogenase from *Procephalus crotali*."
- R. Gallogly, Rice University, Houston, TX, "ATPases in *Hymenolepis diminuta*."
- R.O. McAlister and F.M. Fisher, Jr., Rice University, Houston, TX, "The biosynthesis of trehalose in *Moniliformis dubius*."
- M.J. Roy and L.G. Warren, Louisiana State University Medical Center, New Orleans, LA, "L-leucine metabolism of *Ancylostomum caninum*."

#### Saturday, 24 April 1971

- P. Mount, Tulane University, New Orleans, LA, "Cellular aspects of the host response to parasitic infection."
- D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Host and parasite interactions during single and concurrent infections with *Eimeria nieschulzi* and *E. separata* (Sporozoa: Eimeriidae) in the rat."
- R.D. Lumsden, Y. Marciacq and J.R. Seed, Tulane University, New Orleans, LA, "Hepatic cytopathology in terminal experimental African trypanosomiasis."
- G.A. Castro, University of Oklahoma Medical Center, Oklahoma City, OK, "Biophysical factors involved in the expulsion of intestinal stages of *Trichinella*."
- J.R. Bristol, University of Texas, El Paso, TX, "The *in vivo* effects of selected compounds on the longevity and oxygen consumption of *Nippostrongylus brasiliensis*."
- J.G. Zettergren and J. McGlynn, Tulane University, New Orleans, LA, "The ascotyle complex of species encysted in Poeciliid and Cyprinodont fishes."
- J.A. Oaks and P.C. Beaver, Tulane University School of Medicine, New Orleans, LA, "Ultrastructure of host cells encapsulated with the larva in long-term *Toxocara canis* infections."
- W.N. Smith and S. Dreizen, University of Texas, Houston, TX, "*Dipetalonema graciliformis*-induced serositis in the marmoset, *Saguinus tamarin*."
- J.A. Moore and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Observations on *Hepaticystis kochi* in the African baboon (*Papio cynocephalus*)."

- D.V. Moore and H.B. Moss, University of Texas Southwestern Medical Center, Dallas, TX, "American cutaneous leishmaniasis in Dallas."
- W.M. Kemp, Tulane University, New Orleans, LA, "Serology of the Cercarienhullen Reaktion of *Schistosoma mansoni*."
- R.G. Taylor, Fourth U.S. Army Medical Laboratory, Fort Sam Houston, TX, "Clinical applications of the soluble antigen fluorescent antibody test for amebiasis."
- N.D. Greene, R.T. Damien and W.J. Hubbard, Southwestern Foundation for Research and Education, San Antonio, TX, "The identification of  $\alpha_2$  macroglobulin in the mouse: A possible role for the protein in schistosomiasis."
- P.D. Hollis, University of Oklahoma, Norman, OK, "A histochemical and physiological study of pentastome nervous systems."
- E.C. Powell, Tulane University, New Orleans, LA, "The development of the excretory system in Digenea: An ultrastructural study."
- M.R. Feldman, Louisiana State University Medical Center, New Orleans, LA, "Fine structure of the intestinal system of *Leidynema appendiculata* (Leidy, 1850)."
- G.E. Childs and J.H. Miller, Louisiana State University Medical Center, New Orleans, LA, "Peroxidase localization in *Hartmanella* trophozoites."



**UNDATED MINUTES OF THE FOURTH SWAP BUSINESS MEETING,  
Produced by B.J. Myers Sometime After the Fourth Meeting, April 22-24, 1971.**

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The fourth Annual Meeting of the Southwestern Association of Parasitologists was held at Texas A & M University, College Station, Texas on 22-24 April 1971. One hundred and four were in attendance and 41 papers presented at the scientific session.

The local Committee Chairmen were Dr. Sewell Hopkins and C. A. Bedinger, Jr.

Remarks were made by Dr. Sewell Hopkins and President Franklin Sogandares-Bernal at the annual banquet; Dr. Sogandares-Bernal initiated the presentation of a presidential award for the best student paper. It was decided it would be known as the Sogandares-Spout. The award was presented to Mr. G. E. Rodrick, Department of Zoology, The University of Oklahoma, Norman, OK, for his presentation of "A study of lactate dehydrogenase from *Porocephalus crotali*."

An in memorium was read for John Little by Dr. Tom Galvin and Resolutions by Dr. Richard Lumsden.

The following officers were elected by ballot: President, Dr. LeRoy Olsen; Vice-President, Dr. Betty June Myers; Secretary-Treasurer, Dr. Gilbert Castro.

A discussion was held on the proposal of allowing representatives to vote in American Society of Parasitologists. After much discussion it was decided that Southwestern Association of Parasitologists go on record as not being in favor of it and requesting additional information.

The Secretary-Treasurer's report was accepted as presented. Dr. Thomas Orihel presented his report to members of the American Society of Parasitologists Council.

The following officers and student assistants served during the year:

President - Franklin Sogandares  
Student Assistant - Clark Southworth  
Vice-President - Lee Warren  
Student Assistant - Bill Lushbaugh  
Secretary-Treasurer - Betty June Myers  
Student Assistant - C. A. Bedinger

FIFTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      13-15 April 1972

PROGRAM

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**Friday, 14 April 1972**

- J. Ferguson, University of Oklahoma Health Science Center, Oklahoma City, OK, "Amine excretion in adult *Trichinella spiralis* and its possible physiological significance."
- G.L. Stewart, Rice University, Houston, TX, "Some chemical dynamics of the *Trichinella*-host system."
- J.J. Trimble III and R.D. Lumsden, Tulane University, New Orleans, LA, "Morphological synthesis in *Hymenolepis diminuta*."
- M. Rollag, C. Rock and H.H. Bailey, Colorado State University, Fort Collins, CO, "Lipid composition of *Hymenolepis diminuta*."
- P.W. Pappas and C.P. Read, Rice University, Houston, TX, "The inactivation of trypsin by *Hymenolepis diminuta*."
- K. Rybicka, Rice University, Houston, TX, "Ultrastructure of embryonic epithelium in *Hymenolepis diminuta*."
- R.D. Lumsden, Tulane University, New Orleans, LA, "Cytochemical evaluation of tapeworm surface electrostatic charge."
- J.A. Oaks, R.D. Lumsden and J. Mueller, Tulane University, New Orleans, LA, and State University of New York, Syracuse, NY, "Development of the tegument of *Spirometra mansonioides*."
- R.T. Damian, N. Greene and K. Fitzgerald, Southwest Foundation for Research and Education, San Antonio, TX, "Schistosomiasis mansoni in baboons: The effect of surgical transfer of adult *Schistosoma mansoni* upon subsequent challenge infection."
- N. Greene and R.T. Damian, Southwest Foundation for Research and Education, San Antonio, TX, "Reaginic antibodies in *Schistosoma mansoni*-infected baboons: Evidence for presence of two types."
- W.M. Kemp, R.T. Damian and N. Greene, Southwest Foundation for Research and Education, San Antonio, TX, "Immunohistochemical localization of the 'Cercarienhullen Reaktion.'"
- M. Dresden and H. Asch, Rice University, Houston, TX, "Enzymatic mechanisms of skin penetration."
- P. Mount, Tulane University, New Orleans, LA, "Comparative ultrastructure of hypersensitivity and foreign body granuloma."
- P. Stein, Tulane University, New Orleans, LA, "Reduction of surface charge on schistosomule and adult stages of *Schistosoma mansoni* by incubation with neuraminidase."
- S.K. File, Delta Primate Research Center, Covington, LA, "Superinfection of the snail host, *Biomphalaria glabrata*, with *Schistosoma mansoni*."

M. Ruff, Rice University, Houston, TX, "Changes in serum parameters of dogs as an indication of the pathology of *Babesia gibsoni* infections."

**Evening Banquet Address:** C.E. Hopla, University of Oklahoma, Norman, OK, "Boreal Wanderings"

**Saturday, 15 April 1972**

W. Hubbard and E. Jeska, Iowa State University, Ames, IA, "Characterization of *Ascaris suum* pseudocoelomic fluid antigens."

H. Gentner, University of Oklahoma, Norman, OK, "Dissaccharidase in isolated brush border from gut of *Ascaris lumbricoides*."

T. Smith and L. Knight, University of Mississippi, Jackson, MS, "Higher fatty acid composition of the aschelminth *Sinantherina semibullata*."

G. Uglem, Rice University, Houston, TX, "Surface aminopeptidase activity in the acanthocephalan *Neoechinorhynchus cristatu*."

K. Horvarth, Texas A&M University, College Station, TX, "Physiology activation of the cystacanth of *Moniliformis dubius*."

K. Meyers and E. Nelson, Oral Roberts University, Tulsa, OK, "Seasonal variation in the reproductive activity of *Aspidogaster conchicola*."

A. Bloebaum, Angelo State University, San Angelo, TX, "The biology of *Azygia angusticauda* (Trematoda: Azygidae): Life cycle, systematics, natural history and intraspecific relationship within the family."

N.O. Dronen, New Mexico State University, Las Cruces, NM, "Studies on some macrocercous cercariae."

D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The function of the sub-stiedal body in the sporocysts of *Isospora marquardtii*."

C. Hopla, University of Oklahoma, Norman, OK, "Observation on the biology of *Ixodes angustus* in Alaska."

H. Brown, University of Oklahoma, Norman, OK, "Some symbionts of riffle beetles (Insecta, Coeloptera, Dryopoidea, Elmidae)."

A.G. Canaris, University of Texas, El Paso, TX, "The life cycles of *Bracynylaimus pellucidum* and *B. microtis* (Trematodes)."

J.R. Bristol, University of Texas, El Paso, TX, "Infectivity of *Trichinella spiralis* muscle larvae in normal vs. alloxan treated rats."

**UNDATED MINUTES OF THE FIFTH SWAP BUSINESS MEETING,  
Produced by G.A. Castro Sometime After the Fifth Meeting, April 13-15, 1972.**

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Minutes  
S W A P Meeting  
Lake Texoma  
April 13-15, 1972

The fifth Annual Meeting of the Southwestern Association of Parasitologists was held at the University of Oklahoma Biological Station at Lake Texoma on 13-15 April, 1972. Eighty-six were registered and 29 papers were presented.

The Local Committee chairman was Gilbert A. Castro; Biology Station Director was Dr. Loren Hill. The following officers and student assistants served during the year:

President - LeRoy J. Olson  
Student Assistant - James Richardson  
Vice-President - B. J. Myers  
Student Assistant - John Ferguson  
Secretary-Treasurer - Gilbert A. Castro  
Student Assistant - Harry Gentner

The meeting was called to order by President LeRoy J. Olson. Minutes of the April 1971 meeting and Secretary-Treasurer's report were called for and accepted by the membership. Student officers were asked to introduce themselves but were absent.

Committee Reports

SWAP representative to the ASP, Thomas Orihel, reported that the next ASP meeting was to be held Nov. 6-11 at Miami, Florida. Also, ASP dues were raised to \$20.00/yr. (\$15.00 for students).

The Audit Committee consisting of Donald Moore (Chairman) and Sister Mary Evelyn Gawlik presented their report approving the financial records of SWAP for the previous year.

The Resolution Committee consisting of N. D. Greene (Chairman), Mike Kemp, and William J. Hubbard presented their report expressing thanks to Dr. Loren Hill and his staff for making the fifth annual meeting an unqualified success.

The Nominating Committee, Michael Ivey (Chairman), reported that the following officers were elected by ballot: President: Betty June Myers; Vice-President: Thomas C. Orihel.

Announcements

Donald Moore reported on the Manter Museum, and on the availability of National Research Council Research Associateships.

New Business

Proposed meeting sites for the 1973 annual meeting were discussed. Potential invitations were extended to meet at:

El Paso - Al Canaris  
Albuquerque, New Mexico - Don Duszynski  
Dallas - Don Duszynski for John Ubelaker  
Welder Wildlife Refuge - Frank Fisher

It was proposed by President LeRoy Olson that invitations be expressed in writing and mailed to the Secretary-Treasurer before May 31, 1972 for the preparation of a written ballot to be sent to membership for a vote.

The meeting was adjourned.

## RESOLUTIONS FOR THE FIFTH SWAP MEETING, 1972

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### RESOLUTION

For their contributions, in time and effort, which have helped to make this meeting an unqualified success, the members of the Association express their appreciation to the following, both individually and collectively:

Gilbert Castro - Chairman of the Local Committee

Betty June Myers - Chairman of the Program Committee

Loren and Phyllis Hill, and the Staff of the Station, including Jane Dereberry, Cyndy Powell, Margaret Riggs, Mrs. Askew and Mrs. Sims

Harry Gentner and John Ferguson - Session Chairmen

Wilbur Owens and Mark Rollag - Projectionists

Signed: Nathan D. Greene, Chairman, Resolutions Committee  
Walter M. Kemp  
William J. Hubbard

**LETTER FROM G.A. CASTRO TO B.J. MYERS RE: THE SOGANDARES AWARD**

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September 18, 1972

Dr. Betty June Myers, President  
S.W.A.P.  
138-B Avenue Del Rey  
San Antonio, Texas 78216

Dear Betty June:

This letter is a response to your inquiries of August 14 and 30 concerning establishment and presentation of the "Sogandares Award." I agree with you that such an award would be quite beneficial in maintaining a viable and active society. No doubt several people were disappointed by the fact that the award was not presented at the last meeting.

On the other hand, there were many who were in favor of the Award, but felt that the presentation of a "spout" was somewhat offensive - or at least, out of place.

I personally feel that the way the award was initiated was not in line with the constitution of the Society. In my opinion this matter should have been handled by the Executive Committee.

I propose that the Executive Committee, or an ad hoc committee, take the initiative and reconsider the name and form of the award. I suggest that the award be by a medallion or \$15.00 cash + a certificate. The cash or prize should be paid from the Society's treasury. Authorization of funds for award purposes would definitely come under the responsibility of the Executive Committee.

I think you and Tom should give very definite opinions on this matter.

Sincerely yours,

Gilbert A. Castro  
Secretary-Treasurer, S.W.A.P.

GAC:cch  
cc: Thomas Orihel

**LETTER FROM G.A. CASTRO TO SWAP MEMBERSHIP RE: FUTURE MEETING SITES**

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September 29, 1972

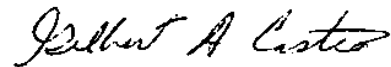
Dear SWAP member:

At the last SWAP meeting membership decided to accept invitations from those wishing to host the 1973 meeting. Several people expressed orally the desire to act as host and were asked to submit a written invitation to this effect before May 31, 1972. Formal invitations have been extended to meet in El Paso and Dallas, respectively. Attached are information sheets describing the two proposed sites.

Designate which site you prefer by checking the appropriate space on the enclosed card and return the ballot immediately. All votes received before October 31 will be tallied.

Thank you.

Sincerely yours,



Gilbert A. Castro  
Secretary-Treasurer  
SWAP  
Department of Physiology  
Texas Medical Center  
Houston, Texas 77025



## INFORMATION RE: DALLAS AS PROPOSED 1973 SWAP MEETING SITE

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### PROPOSED MEETING SITE, COST AND ACCOMMODATIONS FOR THE 1973 MEETING SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

Date: April 14, 15 and 16 (Sat., Sun., Mon.)

Location: Southern Methodist University Dallas, Texas 75222

Lodging: Student housing on campus (SMU), \$4/day includes linens.  
University House Motel, \$12, single; \$13, 2/room  
  \$12, \$15, \$18 each-for double beds,  
  \$3 extra for cots.  
Hilton Inn - Northcentral Expressway, singles \$17, double  
  \$23, extra cots \$6.  
All accommodations are in walking distance, 1 block or less  
from the campus. Presentations will be in the recently  
remodeled Dallas Hall.

Meals: Dining on campus or in numerous sites surrounding the  
campus.

#### PROPOSED SCHEDULE

Saturday, April 14	Registration
Sunday, April 15	Presentation of Papers
Monday, April 16	Presentation of Papers

**INFORMATION RE: EL PASO AS PROPOSED 1973 SWAP MEETING SITE**

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PROPOSED MEETING SITE, COST AND ACCOMMODATIONS  
FOR THE 1973  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

Date: April 12, 13 and 14, 1973 (Thurs., Fri., Sat.)

Location: The Student Union  
The University of Texas at El Paso  
El Paso, Texas 79968

No charge for meeting rooms

Lodging: Dormitory Rooms - \$3.50 to \$4.50 per night

Sheraton Resort America Inn - \$12.00 single per night  
\$16.00 double per night

Located one mile from campus with complimentary transportation to and from sessions

Meals: Dormitory Meal Ticket - \$3.30 per day. Includes "all you can eat" breakfast, lunch, and dinner

Sheraton Resort America Inn - Meals available 6:00 a.m. to midnight - \$1.00 to \$5.00, drinks available also

PROPOSED SCHEDULE

Thursday, April 12 4:00-9:00 p.m.  
Registration - The Student Union - Literature available for tours or "do it yourself" outings to Juarez, Mexico

Friday, April 13 9:00-11:30  
Presentation of Papers

12:00-1:30 p.m.  
Mexican buffet - The Student Union, \$2.50

1:30-4:30 p.m.  
Presentation of Papers

6:00-\_\_\_\_\_  
Free evening - information on sites to see, restaurants, etc., in Mexico

Saturday, April 14

9:00-11:30 a.m.  
Presentation of Papers

12:00-1:30 p.m.  
Luncheon and Annual Business Meeting - The  
Student Union, \$3.50

2:00-4:00 p.m.  
Presentation of Papers

LETTER FROM T.C. ORIHTEL TO B.J. MYERS RE: SOGANDARES AWARD

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October 16, 1972

Dr. Betty June Myers  
138-B Avenue Del Rey  
Son Antonio, Texas

Dear Betty June:

I have a copy of Gil Castro's letter of September 18 to you regarding the "Sogandares Award." I agree with both of you that an award for an outstanding student presentation is a good idea. Personally, I share the view of many that the "spout" is inappropriate. I too favor a certificate and perhaps a small honorarium. Perhaps, as Gil suggests, an ad hoc committee should consider the question and make recommendations. The meetings in Miami might offer an opportunity for us to discuss it at length.

I'll look forward to seeing you in Miami.

Sincerely,

Thomas C. Orihel

TCO/bJs

cc: G. A. Castro

**LETTER FROM B.J. MYERS TO D.V. MOORE RE: CREATING AN AWARDS COMMITTEE**

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November 29, 1972

Dr. Donald V. Moore  
Department of Microbiology  
Southwestern Medical School  
5323 Harry Hines Blvd.  
Dallas, Texas 75235

Dear Don:

I briefly discussed with you the ad-hoc committee on awards. This has come up via letters and verbally, and I feel we need some guidelines. We had the Sogandares-Spout which was left to the discretion of the President to award. However, guidelines were never established. I have asked to chair you to chair the committee and am asking Frank Sogandares and Le Roy Olson to serve as members. Please feel free to ask others.

I would like to emphasize that this task need not be finalized in a year as I feel we need to give careful consideration to pros and cons of an award. In fact, I would prefer only a report at our 1973 meeting and discussion, and then more time given to the problems an award may create. Midwest established an award, and discussion with some members left the opinion this has led to lack of interest and dwindling of a once active group.

SWAP has had a successful organization which, in my opinion, is created by the friendly atmosphere we create at our meetings, a sharing of ideas, interests, problems and, most of all, valuable discussions of papers presented, free and open, and we emerge with no hard feelings. I think awards- have a place at national meetings where we draw on a large membership. Yet, at times, although bitterness and hard feelings have emerged, these heal because of the larger membership and time.

I realize I've handed you a difficult task, but one we must discuss seriously and carefully weigh the consequences. Please contact me if I can be of assistance, and I feel we should move slowly.

Sincerely,

Betty June Myers, President  
Southwestern Association of  
Parasitologists

BJM/m

cc: Dr. T. C. Orihel, Dr. Frank Sogandares, Dr. Le Roy Olson

LETTER FROM B.J. MEYERS TO F. SOGANDARES RE: AWARDS COMMITTEE

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**SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION**

P. O. BOX 28147 • 7480 WEST COMMERCE ST. • SAN ANTONIO, TEXAS 78284 • TELEPHONE (512) 674-1410

DIVISION OF MICROBIOLOGY & INFECTIOUS DISEASES

November 30, 1972

Dr. Franklin Sogandares  
Department of Microbiology  
University of Montana  
Missoula, Montana 59801

Dear Frank:

I have asked Don Moore to chair an ad-hoc committee to evaluate the criterion and possibility of establishing an award for Southwestern Association of Parasitologists. I do not expect a final decision to be made prior the annual meeting, but would prefer to have some pros and cons to an award presented for discussion by the membership.

I would appreciate it if you and Le Roy Olsen would work with him on this committee. He will be contacting you.

Best regards.

Sincerely,

Betty June Myers, President  
Southwestern Association of  
Parasitologists

BJM/m

LETTER FROM B.J. MEYERS TO G.A. CASTRO RE: AWARDS COMMITTEE

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**SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION**

P. O. BOX 28147 • 7480 WEST COMMERCE ST. • SAN ANTONIO, TEXAS 78284 • TELEPHONE (512) 674-1410

DIVISION OF MICROBIOLOGY & INFECTIOUS DISEASES

November 30, 1972

Dr. Gilbert Castro  
The University of Texas Medical School  
at Houston  
102 Jesse H. Jones Library Bldg.  
Texas Medical Center  
Houston, Texas 77025

Dear Gil:

I would like to appoint Dr. Walter Michael Kemp to be our official Southwestern Association of Parasitologists' representative to the American Society of Parasitologists to succeed Dr. Thomas Orihel, who has requested release from this position.

Sincerely,

Betty June Myers, President  
Southwestern Association of  
Parasitologists

BJM/m

cc: Dr. Donald V. Moore  
Dr. Thomas C. Orihel

LETTER FROM D.V. MOORE TO L.J. OLSON AND F. SOGANDARES RE: AWARDS COMMITTEE



SOUTHWESTERN MEDICAL SCHOOL AT DALLAS

5373 HARRY HINES DALLAS, TEXAS 75235 214 631-3220

MICROBIOLOGY

THE UNIVERSITY OF TEXAS

December 1, 1972

Dr. Leroy J. Olson  
Department of Microbiology  
University of Texas Medical Branch  
Galveston, Texas 77550

Dr. Franklin Sogandares  
Department of Microbiology  
University of Montana  
Missoula, Montana 59801

Dear Roy and Frank:

Dr. B. J. Myers, President of SWAP, has asked that the three of us serve as a committee to discuss and prepare a presentation of pros and cons concerning the establishment of an award for the best research paper presented at a SWAP meeting.

Permit me to present some of my thoughts and questions on the subject.

1. If such an award is established by the vote of the membership, should it carry the name of an eminent deceased parasitologist of the region? At this point in time this might not present any problem since it is conceivable that the award could be named the Asa Crawford Chandler Award. Naturally, I would favor this. On the other hand we have E. C. Faust who will join the illustrious deceased before too long.

2. Should the award, if approved, carry a monetary honorarium or merely a plaque and/or a certificate? If we recommend a monetary honorarium we must be prepared to suggest a real source of such money. A plaque and/or a certificate will require a fair amount of money to design and produce. As you know I have redesigned all of the ASP certificates. Total cost is in excess of \$100 for the design and production of 25 copies of each certificate. I don't know what plaques cost but I should think it would take more money to produce a plaque. Any plaque or certificate must be a first-class product. Justus Mueller tells me that ASP is far out in front of ASTM & H with respect to the type and quality of certificates presented. In many respects this sort of thing does reflect the status of the organization and there is no reason to accept anything other than top quality.

3. If the award is approved, SWAP must have a very carefully worded and carefully thought out set of rules and regulations, i.e. who should serve on the selection committee. Unfortunately many of the students today are given a portion of their major professor's research project for their dissertation and/or presentation at meetings. Old-fashioned as it may sound, I am a firm



believer of independent research by a graduate student. Such research may not be as glamorous as the generously funded research done by the major professor. How is a committee to differentiate?

4. The preceding paragraph leads into the negative aspect of such an award. Awards of this type tend to lead to schism among members. It is my understanding that the C. A. Herrick Award, sponsored by Eli Lilly and given by AMCOP, nearly split this group asunder. SWAP is a much younger organization and might not survive a serious schism. ASP has certainly had its problems with the Henry Baldwin Ward Medal and for a number of years (ante-Sogandares) we had a good many people unhappy over the H. B. Ward Medal. I may be overly pessimistic but I begin to sense a division in SWAP now. On the one hand we have the generously funded programs at Rice and Tulane and on the other we have the rest of us poor folks. This lack of funding is rearing its ugly head in ASP. Just this week I had to handle a delicate situation concerning lack of funds to pay for publication in J. P. I guess what I am trying to say is: Does the graduate student from a poorly funded program really have a chance at such an award?

5. On the surface and ideally the award sounds great. However, I do see many problems which must be anticipated and circumvented.

At the moment I am not sure just how we should approach our work. Perhaps the first step is to collect the opinions of the committee and then decide the next step.

Hopefully you will express your feelings and opinions as freely as I have done.

Sincerely,

Donald V. Moore

DVM:sl

cc: Dr. Betty June Myers

**LETTER FROM L.J. OLSON TO D.V. MOORE AND F. SOGANDARES RE: AWARDS COMMITTEE**

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THE UNIVERSITY OF TEXAS MEDICAL BRANCH  
GALVESTON, TEXAS 77550

December 20, 1972

Dr. Donald V. Moore  
Department of Microbiology  
Southwestern Medical School  
5323 Harry Hines  
Dallas, Texas 75235

Dr. Franklin Sogandares  
Department of Microbiology  
University of Montana  
Missoula, Mont. 59801

Dear Don and Frank:

I'm sure we all agree with the concept of encouraging and stimulating our students to give their best in research. And hence, I suppose one can make some kind of a case for a SWAP award to a student. Presently, I'm not convinced that formal recognition (an award) of one student's work will do much to promote better research among our students.

The University at Galveston each year sponsors a National Student Research Forum and makes several awards to outstanding medical and graduate student papers. I've been closely involved - including judging - with this forum. It takes a major portion of the resources of our faculty to give these papers something approximating a fair and competent evaluation. Of course, biomedical research is broad and hence the need for a large number of specialists in these areas to act as judges. Parasitology is not as broad but it does cover many areas and parasitologists utilize many life and physical science methods and concepts in their research. I feel that competent judging of the scientific aspects of student papers would require the assistance of a large number of SWAP'S non-student members. Therefore, if we are to have an award, I feel that a written manuscript should be submitted well in advance of the meeting to permit distribution to an appropriate judge(s). A uniform scoring system would be necessary for these judges. A small committee would be necessary to distribute papers, collect judges' scores and make the final selection. All this sounds complicated and to some extent it is and that is an argument for not having an award, i.e., to judge fairly and competently requires too much time and effort.

Alternatives are less complex, but less fair. We could have a small committee judge as the paper is presented. This gives a significant advantage to those students whose speaking ability, poise and self--confidence are such as to present mediocre work and still score high with certain judges. This is not to say that our students need not develop and improve on their speaking qualities, quite the contrary. Also, could any small committee be adequate to judge the scientific aspects of all papers at a SWAP meeting? I doubt it.

I think, as I believe Don does, that we also have to be aware of the variation from school to school in photography, illustration and other research services. It is not any great credit to a speaker to have excellent slides that were prepared by an expert in illustration. The above points up the general problem of variation in finances and equipment from school to school and consequently the kinds of student research that are possible at these schools.

There is always the problem in any scientific presentation by a student as to how much was the student's work and how much was the professor's contribution. How to set rules on the upper limit of professor-input escapes me other than a rule and signed statement that what is presented must (1) have not been published, (2) when published the student will be senior author. Furthermore, questions during discussion of the paper are often helpful in measuring relative contributions.

There is the risk of division within SWAP based on disagreement over these awards. How to eliminate this risk and still have an award is beyond my problem-solving abilities. I think there is no doubt that awards in other organizations, including parasitology groups, have been divisive to some extent. The larger groups would seem to me to be less susceptible to this problem. Here again, I think a fair judging procedure is a partial, but not an absolute preventive.

If we have an award, I would favor the least expensive kind. For example, a paper suitably inscribed that could be framed if the student wished. Our larger schools all have illustrators who could make such a document. A typed letter from the President of SWAP acknowledging the award would be another possibility. To name the award after Dr. Chandler would be appropriate in view of his distinguished work; but then we also have other distinguished parasitologists in this region. So perhaps we should avoid names of people.

If our charge is to prepare pros and cons on an award, then the above represents some of my thoughts on an award. Presently, I am inclined to be against an award. But I may change my mind after hearing more on this.

Sincerely,

L. J. Olson, Ph.D.  
Professor  
Department of Microbiology

**LETTER FROM F. SOGANDARES TO D.V. MOORE AND L.J. OLSON RE: AWARDS COMMITTEE**

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University of Montana  
Missoula, Montana 59801  
(406) 243-0211

1 January 1973

Dr. Donald V. Moore  
Department of Microbiology  
Southwestern Medical School  
5323 Harry Hines Blvd.  
Dallas, Texas 75235

Dr. Leroy J. Olson  
Department of Microbiology  
The University of Texas Medical Branch  
Galveston, Texas 77550

Dear Don and Roy:

Thanks for your communications concerning the SWAP award. I believe that a formal award should be evaluated as stated by Roy.

We could, however, retain an "informal" air about an award. For example, as originally intended, a fifth of scotch with the "tube" for delivery would represent a "happy" good-fellowship type of recognition. Frank Fisher, incidentally, was supposed to have the tube engraved and I do not know if he passed it on to the president. The "tube" would be passed on to the president for next year's award after contents of the fifth are expended by the recipient. I think both of you will agree that the feeling of fellowship and informality imparted by such an award would not require that the same strict rules of evaluation be utilized as for a formal award. Rather, the president could appoint a small committee to listen to all papers. The papers could be judge on: (1) conceptual basis, (2) adequacy of results and design (tightness of data and design, etc.), and (3) presentation (lecturing style, presentation, etc.). If it is made clear that these are the criteria, and that the award is an informal token of good fellowship, I think the need for a highly structured and formal system of evaluation would be eliminated. One thing that would tie me into knots about a formal award would be the difficulty in estimating the amount of professorial input, as stated by Roy and Don. Also, we must recognize that there is a tendency influencing (influencing judging) to place emphasis and admiration upon the use of sophisticated instrumentation and elegant techniques, rather than on conceptual aspects of the problem and the individual's ability to resolve it with relatively simple and inexpensive tools - and upon his experimental design if applicable. What really counts is the concept and the individual's use of his own intellect in resolving it. Emphasis on these points would give students in smaller and poorer institutions a shot at the fifth. Morale would be held high among all student members by following the above, as long as it was well understood what the award meant and stood for.

I might add that delivery and mode of presentation of a paper should receive serious consideration. A scientist should be able to communi-

cate his findings in a clear and effective manner, and I see no reason why we should eliminate such a criterion from consideration. In the questionnaire calling for papers, the member could be asked to state if he has prepared his own audio-visual material. This could be indicated by an asterisk at the end of the abstracts for the benefit of the judges and audience.

As you can both gather, I do not feel too strongly about a "formal" award for the best student paper. Should we decide in favor of a formal award, then Roy's comments are very well taken and should be followed if we are to administer it fairly.

I'd be interested to learn your reaction to my suggestion that an informal "good fellowship" type of award be used. This might represent a good compromise.

Warm regards,

Franklin Sogandares-Bernal  
Professor of Microbiology

SIXTH MEETING  
Southwestern Association of Parasitologists  
Dallas, TX                      12-14 April 1973

PROGRAM

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**Friday, 13 April 1973**

- A.C. Bornstein and A.G. Canaris, University of Texas, El Paso, TX, "A parasite survey of Ord's kangaroo rat, *Dipodomys ordi*, in southwest Doña Ana County, New Mexico."
- D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The occurrence of intra-dermal mites, *Hannemania* spp. (Acarina: Trombiculidae), in anurans in New Mexico with a histological description of the tissue capsule."
- R.D. Lumsden, C. Snow and J.J. Trimble III, Tulane University, New Orleans, LA, "Origin of fibroblasts in the fibrogenic response of mouse bile duct to infection by *Hymenolepis microstoma*."
- H.H. Stibbs and J.R. Seed, Tulane University, New Orleans, LA, "Synthesis of possible sleep-mediators in *Trypanosoma brucei gambiense*."
- P.U. Ashman and J.R. Seed, Tulane University, New Orleans, LA, "Biochemical lesions produced by *Trypanosoma brucei gambiense*."
- A.H. Dunbar, Jr. and D.E. Norris, University of Southern Mississippi, Hattiesburg, MS, "Tissue preferences of the infective stage larva of *Ancylostoma braziliense* in the mouse."
- P.W. Pappas, G.L. Uglem and C.P. Read, Rice University, Houston, TX, "Intrinsic ribonuclease activity associated with intact *Hymenolepis diminuta*."
- J.T. Self, University of Oklahoma, Norman, OK, "The epidemiology of pentastomiasis among human beings in West Africa."
- M.D. Little, Tulane University, New Orleans, LA, "An analysis of the *Strongyloides* parasitic male enigma."
- R.D. Specian, V.F. Allison and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Scanning electron microscopy of cestode and trematode surfaces."
- W.J. Knowles, Tulane University, New Orleans, LA, "The fine structure of the scolex surface and the rostellar region of *Hymenolepis diminuta*."
- W. Bosworth and A. Ewert, University of Texas Medical Branch, Galveston, TX, "The interaction of *Brugia malayi* and *Streptococcus* in an animal model."
- J.A. Moore and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Laboratory observations on *Entopolypoides*, a blood parasite of the African baboon (*Papio cynocephalus*)."
- G. Kelsoe, J.H. Martin and J.E. Ubelaker, Southern Methodist University and Baylor Dental College, Dallas, TX, "A description of some aspects of spermiogenesis and the morphology of the mature spermatazoan in *Hymenolepis diminuta* (Cestoda)."

H.L. Asch and C.P. Read, Rice University, Houston, TX, "Transport of glycine, arginine and proline into *Schistosoma mansoni* adults."

S.H. Hopkins and S.M. Yilmaz, Texas A&M University, College Station, TX, "Antagonistic interaction between different parasites in concurrent infections: Two cases involving *Toxoplasma* and nematodes in mice."

**Evening Banquet Speaker:** T.C. Cheng, Lehigh University, Bethlehem, PA, "The Future of Parasitology—One Man's View."

**Saturday, 14 April 1973**

S.G. Kayes and J.A. Oaks, Tulane University, New Orleans, LA, "Eosinophilia and the development of the chronic granuloma of visceral larva migrans."

R.O. McCracken and R.D. Lumsden, Tulane University, New Orleans, LA, "Preliminary evidence for the location of glucose transport sites in the tegument brush border of *Hymenolepis diminuta*."

G.L. Uglem, P.W. Pappas and C.P. Read, Rice University, Houston, TX, "Surface aminopeptidase in *Moniliformis dubius* and its relation to amino acid uptake."

J.A. Oaks, Tulane University, New Orleans, LA, "A simple isolation procedure for the free surface plasmalemma of *Hymenolepis diminuta*."

R.C. Vrijenhoek and M.C. Carroll, Southern Methodist University, Dallas, TX, "Effects of a strigeid trematode (*Neascus* sp.) on the esterase phenotypes of fish (*Poeciliopsis*, *Poeciliidae*) eyes."

L.M. Schanbacher and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "The influence of cations and certain sugars upon the movement of 3-0-methylglucose across the intestine of *Ascaris*."

**MINUTES OF THE SIXTH SWAP MEETING, 1973,  
Submitted by Gilbert A. Castro, Secretary-Treasurer**

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MINUTES  
SWAP MEETING  
DALLAS  
April 12-14, 1973

The sixth Annual Meeting of the Southwestern Association of Parasitologists was held on the campus of the Southern Methodist University, Dallas, Texas, on April 12-14, 1973. Approximately 78 members registered and 23 papers were presented.

The local committee was chaired by John Ubelaker who was ably assisted by Donald Moore. The following officers and student assistants served during the year:

President:	Betty June Myers
Student Assistant:	none
Vice-President:	Thomas C. Orihel
Student Assistant:	none
Secretary-Treasurer:	Gilbert A. Castro
Student Assistant:	Harry Gentner

The meeting was called to order by President Betty June Myers. Minutes of the April 1972 meeting and the Secretary-Treasurer's Report were called for and presented. The minutes were approved. Discussion ensued concerning the lack of payment of dues by most members and means by which this problem could be corrected. A motion was put forth by Donald Moore that another form letter be sent to membership emphasizing Article VII, Section 2 of the constitution which states that "failure to pay dues for one (1) year shall be considered as resignation from membership in the Association." The motion was seconded and was the consensus of members present.

COMMITTEE REPORTS

The Local Committee reported that 78 members registered.

The Audit Committee, chaired by Dale Little, presented its report approving the financial records of SWAP for the previous year. Motion for approval of the report was extended and seconded. The report was approved by membership.

The Resolutions Committee consisting of Adam Ewert, Tom Meade and Teague Self, presented their report expressing thanks to John Ubelaker and Donald Moore and their staff for making the Sixth Annual Meeting an unqualified success. An expression of thanks was also extended to SWAP officers for successfully carrying out the business of the Association. The resolutions committee report was unanimously accepted by membership.

OLD BUSINESS

No old business was discussed.



## NEW BUSINESS

The Awards Committee report was called for by President Myers. The Awards Committee consisted of Leroy J. Olson, Franklin Sogandares-Bernal and Donald V. Moore. President Myers had specifically charged this committee to investigate the feasibility of the establishment of a Graduate Student Award by SWAP. After much deliberation and soul-searching, it was the unanimous recommendation of the committee that the Southwestern Association of Parasitologists not establish either a formal or informal award for student research at this point in time. The recommendation of this committee was unanimously accepted by membership.

An In memoriam address was given by Donald Moore in honor of Dr. Leslie A. Stauber. It was the request of the members present that an expression of condolence be extended to Mrs. Stauber through the Secretary of the Association.

SWAP Representative to the ASP Council, Thomas Orihel, reported that ASP will retain affiliation with AIBS. Also, reported was the fact that ASP contributed seed money to the organizational committee for the 1974 International Meeting of Parasitologists. The 1973 meeting of ASP is to be held in Toronto, Canada. An expression of gratitude was extended to Tom Orihel for his 4 years of dedicated service as SWAP representative to the ASP Council. Walter Kemp was appointed to represent SWAP at future Council meetings following Tom Orihel's request to be replaced.

Dr. Sewell Hopkins pointed out the coincidental time conflict between the meetings of the SWAP and the Southwestern Association of Naturalists. This question did not generate much discussion after it was determined that Dr. Hopkins was the only one affected by the conflict. After a few sub-audible comments by Dr. Hopkins, the question was dropped.

The 1974 SWAP meeting was scheduled for April 19-21 at Lake Texoma.

Dr. Teague Self was the only Past President attending the Business Meeting when President Myers asked for all past presidents to stand and be recognized.

The Nominating Committee, consisting of Marlowe Anderson, John Oaks and Mike Kemp, reported that the following officers were elected by ballot: President: Clark P. Read; Vice-President: Donald Moore.

It was recommended by John Oaks that the members of the Nominating Committee be chosen from different geographic regions within the Association so that a broader spectrum of active and interested members can be considered for offices.

The meeting was officially adjourned by President Myers.

## THE AWARDS COMMITTEE REPORT

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### SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS Report of the Committee on Awards

5 April 1973

President Myers specifically charged this Committee to investigate the feasibility of the establishment of a graduate student award by the Southwestern Association of Parasitologists. Although the majority of Committee deliberations were carried out by correspondence there have been informal discussions of the problem by members of the Committee.

First the Committee addressed itself to the problem of a formal award to be given to a graduate student in recognition of presentation of superior research at an annual meeting of SWAP. The Committee asked several questions:

1. Will the establishment of such an award by SWAP really improve the quality of graduate student research in the geographic area encompassed by SWAP?

The Committee was unanimous in its opinion that an award such as this would not really improve the quality of graduate student research.

The Committee could easily have stopped at this point and rendered a report. However, recognizing the fact that the Committee can not speak for the membership of SWAP, we continued to ask questions on the assumption that the membership might want to establish such an award.

2. Should the award be named in honor of an illustrious parasitologist of the area?

The Committee was unanimous in its opinion that such an award should not bear the name of any person. The reasons for this opinion should be obvious.

3. What form should the award take:
  - (a) an engraved plaque or medal with an honorarium;
  - (b) an engraved plaque or medal without an honorarium;
  - (c) an appropriate certificate with or without an honorarium;
  - (d) should outside sponsorship of the award be sought?

With cost as a prime consideration it was unanimously agreed that any such award should consist of an appropriate certificate without an accompanying honorarium. (Initial cost for design, printing, etc. of an appropriate certificate would be between \$200 and \$250.) This cost estimate is based on a top quality certificate since the Committee feels that the appearance and quality of such a certificate has a direct bearing on the image of the organization presenting said certificate.

Sponsorship by an outside group is not recommended by the Committee. This opinion is based on the experience of the American Society of Parasitologists and outside sponsorship of the Henry Baldwin Ward Medal.

4. What are some of the problems associated with the judging of such an award?

Recognizing that parasitologists utilize many life and physical science methods and concepts in their research, the Committee felt competent judging of the scientific aspects of student papers would require the assistance of a large number of SWAP's non-student members. A written manuscript should be submitted well in advance of the meeting to permit distribution to (an)appropriate judge(s). A uniform scoring system would be necessary for these judges. A small committee would be required for the distribution of manuscripts, collection of judges' scores and to make the final selection. The complexity of the above provides an argument against establishing an award. Much time and effort would have to be expended in order for the judging to be fair and competent.

Less complex alternatives would result in less fair judging. We could have a small committee judge as each paper is presented. This gives a significant advantage to those students whose speaking ability, poise and self-confidence are such as to present mediocre work and still score high with certain judges. This is not to say that students, or professional members for that matter, need not develop and improve on their speaking abilities; quite the contrary.

The Committee seriously doubts that any small committee can be deemed adequate to judge the scientific aspects of all papers presented at a SWAP meeting.

Other judging problems considered by the Committee were:

- a. We recognize that there is considerable variation from school to school in photography, illustration and other research services. It is not any credit to a speaker to have excellent slides prepared by an expert in illustration.
- b. We recognize the general problem of variation in finances and equipment available from school to school and consequently the kinds of student research that are possible.
- c. We recognize the problem in any scientific presentation as to how much was the student's work and how much was the professor's contribution. How does one set rules governing the upper limit of the professor's in-put? We have no answer for this except to suggest a signed statement to the effect that what is presented (1) must not have been published and (2) when published the student will be the senior author.

How to set rules insuring fair and competent judging involving points a, b and c above is beyond the problem-solving capabilities of the Committee.

5. Is there risk of division within SWAP based on disagreement over a student award?

The Committee is well aware that awards in other organizations, including parasitology groups, have been divisive to some extent. Larger groups are less susceptible to this problem. A fair judging procedure is a partial but not absolute preventative.

It is the unanimous recommendation of this Committee that the Southwestern Association of Parasitologists not establish a formal award for student research at this point in time.

The Committee addressed itself to the possibility of the establishment of an "informal award"; a "good fellowship" type of recognition. To this end the President could appoint a small committee to listen to all student papers. Papers could be judged on (1) conceptual basis; (2) adequacy of results and experimental design (tightness of data, etc.); (3) presentation; and (4) it must be made clear that the award is simply 'token' of good fellowship.

The Committee recognizes that there is a tendency (influencing judging) to place emphasis and admiration on the use of sophisticated instrumentation and elegant techniques rather than on the conceptual aspects of the problem and the individuals ability to resolve it with relatively simple inexpensive tools and upon his experimental design if applicable. The concept and the individuals use of his own intellect in resolving a problem is of major importance.

In general the Committee feels that an informal award does not eliminate most of the problems discussed under a formal award although an informal award might ameliorate some of the problems.

In view of this the Committee does not wish to make a recommendation concerning a suggested informal award.

Respectfully submitted,

Leroy J. Olson  
Franklin Sogandares-Bernal  
Donald V. Moore, Chairman

**LETTER FROM D.V. MOORE TO G.A. CASTRO RE: UNFINISHED SWAP BUSINESS  
BY PRESIDENT CLARK READ'S UNTIMELY DEATH**

---

January 4, 1974

Dr. Gilbert Castro  
Secretary-Treasurer  
Southwestern Association of Parasitologists  
University of Texas Health Science Center at Houston  
Houston, Texas 77025

Dear Gilbert:

Clark Read's untimely death points up a deficiency in the Constitution of SWAP, i.e. we did not put in a provision for succession of officers. I am assuming that the Vice-President becomes President in the event the President doesn't complete his term. This should probably be corrected by an amendment. Do you think we have time to present such an amendment at the annual meeting? If so, then I will proceed to appoint such a committee.

As you will see from the enclosed copy of my letter to Dr. Lumsden I am asking him to be the special speaker at the meeting.

Another item of business comes to mind and that is the appointment of a nominating committee. Could you find out if Clark had done anything about this. If not, then I should do so at once. Please tell me what offices are vacant so the nominating committee can be properly instructed. Had Clark appointed a student assistant to the President? Any other information concerning Clark's actions or activity as President will be appreciated.

Sincerely,

Donald V. Moore, Ph.D.  
President, Southwestern  
Association of Parasitologists

DVM:sh

SEVENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      18-20 April 1974

PROGRAM

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Friday, 19 April 1974

- R.E. Kuntz, Southwestern Foundation for Research and Education, San Antonio, TX, "Evaluation of definitive host-parasite systems as a means for characterizing schistosomes."
- F.M. Gress and C.R. Page III, Tulane University, New Orleans, LA, "Experimental prepatent *Schistosomiasis mansoni*: Schistosomular morphology and pulmonary pathology in 5-day-old infections."
- J.J. McMurtrey and C.R. Page III, Tulane University, New Orleans, LA, "Lactate dehydrogenase isoenzymes in *Schistosoma mansoni*."
- G.L. Uglem and C.P. Read, Rice University, Houston, TX, "Glucose and 2-deoxyglucose transport in *Schistosoma mansoni*."
- G.R. Newport and C.R. Page III, Tulane University, New Orleans, LA, "Alterations of arginase and ornithine transcarbamylase activity in mice infected with *Schistosoma mansoni*."
- H.L. Asch, E.E. Edlin and M.H. Dresden, Baylor University Medical Center, Houston, TX, "*Schistosoma mansoni* cercariae: Influence of various salts on 'penetration' enzymes and morphological distribution of calcium and phosphorus."
- M.G. Levy and C.P. Read, Rice University, Houston, TX, "Tegumentary phosphohydrolases in *Schistosoma mansoni*."
- G.L. Stewart and C.P. Read, Rice University, Houston, TX, "Studies on chemical pathology in trichinosis. I. Changes in myoglobin, free creatinine, phosphocreatinine and two protein fractions in mouse diaphragm muscle."
- D.G. Powley, W.J. Landsperger and B.G. Harris, North Texas State University, Denton, TX, "Purification and properties of fumarase from *Ascaris suum*: Studies on the mitochondrial malate distribution reaction."
- J. Dedman and B.G. Harris, North Texas State University, Denton, TX, "Physical properties and physiological significance of *Ascaris* actin."
- M.D. Little, K.T. Lee and P.C. Beaver, Tulane University Medical Center, New Orleans, LA, and Yonsei University College of Medicine, Seoul, Korea, "Intracellular habitat of long-persisting infective *Ancylostoma caninum* larvae in the dog."
- C.L. Harbut, Tulane University Medical Center, New Orleans, LA, "Observations on the live history of *Brugia beaveri*."
- R.D. Lumsden and B. Berger, Tulane University, New Orleans, LA, "Role of the tegument glyco-calyx in the adsorption of cations influencing the brush border phosphohydrolase activity of tapeworms."

- R. Lesser, R.O. McCracken and R.D. Lumsden, Tulane University, New Orleans, LA, "The effect of changes in ambient pH on glucose absorption by the tapeworm *Hymenolepis diminuta*."
- J.S. Logan, Southern Methodist University, Dallas, TX, "Isozymes of LDH in *Hymenolepis diminuta*."
- P.U. Ashman and J.R. Seed, Xavier University of Louisiana and Tulane University, New Orleans, LA, "The modifying effects of photoperiod on the gonads of male *Microtus montanus* chronically infected with *Trypanosoma brucei gambiense*."
- B.D. Hansen and C.P. Read, Rice University, Houston, TX, "Amino acid transport in *Trypanosoma gambiense*."
- H.H. Stibbs and J.R. Seed, Tulane University, New Orleans, LA, "Serum and hepatic tyrosine aminotransferase in African trypanosome-infected field voles."
- P.R. Jackson, Rice University, Houston, TX, "An improved column design for the rapid and efficient isolation of bloodstream using the DEAE cellulose technique."
- R.E. Reeves, L.G. Warren and J.D. Guthrie, Louisiana State University Medical Center, New Orleans, LA, "Studies on the intracellular concentrations of glycolytic intermediates in *Entamoeba histolytica*."

**In Memorium Address**      R.D. Lumsden, Tulane University, New Orleans, LA, "Life and Work of Clark P. Read."

**Saturday, 20 April 1974**

- J.T. Self, University of Oklahoma, Norman, OK, "*Nematobothrium texomensis*, an unusual trematode in buffalo fishes of Lake Texoma."
- R.D. Specian and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Fine morphology of trematode surfaces by scanning electron microscopy."
- H.P. Brown, University of Oklahoma, Norman, OK, "*Climacia*, a locally abundant insect parasite of fresh water sponges."
- S. Ackerman and J.R. Seed, Tulane University, New Orleans, LA, "The immunosuppressive effects of African trypanosomiasis."
- M. Carroll, J.E. Ubelaker and D.M. Kazic, Southern Methodist University, Dallas, TX, and Institute of Biology, Titograd, Yugoslavia, "Studies on parasites of fishes in Lake Skadar, Yugoslavia."

**MINUTES OF THE SEVENTH SWAP MEETING, 1974,  
Submitted by Gilbert A. Castro, Secretary-Treasurer**

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Minutes, Seventh Annual Meeting  
Southwestern Association Parasitologists  
April 18-20, 1974  
UOBS, Lake Texoma

The seventh Annual Meeting of the Southwestern Association of Parasitologists was held at Lake Texoma, Oklahoma April 18-20, 1974 with 75 in attendance and 26 presented papers.

1973 Officers:

President: Dr. Clark Read (deceased Dec. 24, 1973)  
President: Dr. Donald V. Moore (Jan. 1974-April 1974)  
Vice-President: Dr. Donald Moore  
Secretary-Treasurer: Dr. Gilbert Castro

Dr. Donald V. Moore, President, called the annual Business Meeting to order. The Secretary and Treasurers reports were presented by Dr. Gilbert Castro and accepted.

Dr. Mike Kemp, SWAP representative to the American Society of Parasitologists presented his report. Of interest to SWAP members was availability of travel grant monies for the Third International Congress of Parasitologists in Munich, Germany, and the projected meeting dates of ASP - in Kansas City in 1974 and New Orleans in 1975. Dr. Moore elaborated on travel grant particulars and the forthcoming anniversary of ASP to be held in New Orleans.

Dr. Teague Self at the request of the President, reported a survey of members present as regards future meeting sites for SWAP. He suggested that Lake Texoma be selected as a permanent site. Dr. Dick Small presented a letter extending an invitation to meet at Oklahoma State University in 1975. A motion was made by Dr. Lee Warren that the choice of the 1975 meeting site between OSU and Texoma be on a ballot to be mailed to the members of SWAP. Also on the ballot would be the choice of Lake Texoma as the permanent meeting site for SWAP after 1975.

Dr. Moore asked for a motion for authorization on bank transfer and change of account to accommodate the incoming elected officers, this was accepted.

Audit Committee: Dr. John Seed (chairman) and Steven Ackerman reported that they examined the records of the treasurer and found them to be in order.

Nominating Committee: Dr. John Ubelaker (Chairman), David Becker and M. D. Little. Dr. Ubelaker reported that the committee had presented a ballot.



Resolutions Committee: Dr. Frank Fisher (Chairman) presented the resolutions committee report expressing thanks to Dr. Loren Hill and UOBS staff for their efforts in making the meeting a success. Dr. Fisher also expressed appreciation to Dr. Richard Lumsden for his presentation the previous evening concerning the life and works of Dr. Clark Read.

In Memoriam. Dr. Richard Lumsden on the evening of April 19 presented a talk honoring Dr. Clark Read.

Dr. Self reported that Drs. Fisher and Lumsden have been requested to prepare a manuscript honoring Dr. Read to be published in Bios.

Teller's Committee: Dr. B. J. Myers (Chairman) and Dr. Mike Kemp. Dr. Myers reported that 86 ballots had been counted. The new president, Dr. Robert Kuntz; Vice-President, Dr. Gilbert Castro; and Secretary-Treasurer, Dr. Thomas Meade.

The meeting was turned over to Dr. Robert Kuntz followed by adjournment.

**SECRETARY-TREASURER'S FINANCIAL REPORT FOR THE SEVENTH ANNUAL SWAP MEETING**

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S W A P - Seventh Annual Meeting  
 Lake Texoma  
 April 19-21, 1974

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance on hand: April 14, 1973 \$453.86

Plus Receipts as follows:

Receipts for 1973 meeting and banquet -----	\$392.00
Late Receipts for 1973 meeting and banquet -----	36.75
Membership dues April 14, 1973-April 19, 1973 -----	<u>205.00</u>
Total	633.75

Less Disbursements as follows:

Date	Check No.	Description	
4-27-73	107	Postage stamps -----	16.00
1-22-73	108	Postage stamps -----	16.00
3-12-74	109	Postage stamps -----	20.00
3-12-74	110	SMU (1973 meeting and banquet costs)---	355.00
4-5-74	111	Postage stamps -----	20.00
		Bank service charge -----	<u>1.31</u>
		Total	\$428.31

Leaves a balance to date of: \$659.30

Notes:

New members since 1973 meeting ----- 9  
 Total membership ----- 220

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## IN MEMORIAM ADDRESS FOR DR. CLARK P. READ BY DR. RICHARD LUMSDEN

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### THE LIFE AND WORK OF CLARK P. READ

(An Address delivered before the Southwestern Association of Parasitologists, Friday, April 19, 1974, at Lake, Texoma, Okla.)

Thank you Don, and ladies and gentlemen of the Society. It is, of course, a great honor to be asked to recount, or at least publicly reflect on, the life and work of Clark Phares Read. As a student of Professor Read, with a consuming interest in worm surfaces and like, there is much about the impact of Clark's contributions to our discipline and Biology as a whole, couched in terms of chemical transport functions, mechanisms, membranology and the like, to which I could address myself and you tonight. I will refrain from doing so in those terms. It would, in my opinion, be presumptuous of me to do so, since there is no better source of this specific information than the original research articles, reviews, and books written by the man himself. An overview of the impact of these contributions is well provided by Justus Mueller, who recently stated that Clark Read was parasitology's ambassador to the fields of physiology, biochemistry and molecular biology. Certainly, his writings equally served the parasitologist, in translating principles of paramount importance to the parasitologist's, ecologist's, and even the physician's concept of the host-parasite relationship.

This was certainly the case at least for parasitologists like myself, who, in the present instance, began his parasitology in the marsh country of Louisiana, armed with a 12-gauge shotgun, a scalpel, a jug of formalin, and the tutelage - with all it implies - of one Franklin Sogandares-Bernal. If you will please indulge some reminiscing, I'd like as briefly as possible to share with you the phenomenon of how the self-appointed second best sucker ratio measuring, spine counting, vitellaria demarcating trematodologist in the Sarpy, La., marsh, circa 1962, was attracted to the research areas pioneered by Professors Theodore von Brand, Donald Fairbairn, and Clark Read, the specific area of Read's studies, and how this dedicated, at any rate, investigator of Louisiana's bird, mammal and fish trematodology came to matriculate as a Ph.D. student of Read's in the first place. It was no easy matter. I began my graduate work with Frank initially mystified, then challenged, and, at the present time, still mystified, by the intricacies of terminal genitalial anatomy, among other morphological mysteries, and their implications for trematode systematics. Setting sail with my shotgun, scalpel, formalin jug, vials, etc., I systematically began, to the extent my marksmanship would permit, to decimate the coastal fauna of my home state in search of the undescribed worm or host/locality record which would add somehow to man's knowledge, or at least justify the consumption of gallons of Frank's hardgained supplies of alcohol (lab variety of course), boxes of shotgun shells, and not a little of his patience and kind counsel. At the time, not all of his counsel seemed so kind. At least when, with Frank's "gentle persuasion," I found myself, an erstwhile gentleman's

B student in undergraduate organic chemistry and something less in physics and mathematics, enrolled in graduate courses of biochemistry, comparative physiology, and biophysics. Hell, the gonotyl of Ascocotyle was complicated enough! By the still mysterious process of education, a quick-draw raccoon-heron shooting and otherwise ecological menace was lead, albeit haltingly, to the questions of why and how these gonotyl-laden beasts were persuaded to adapt to such a peculiar ecology as the vertebrate gut and survive therein in the first place. This particular problem, incidentally, remains unsolved. In any event, it so came to pass - early in 1962, Clark Read, as a member of an NIH site inspection team - visited Tulane's Zoology Department, and, with Frank's intervention, met Dick Lumsden face-to-face over a cup of coffee and an hour's conversation. With Frank's encouragement, Dick Lumsden, not without a certain fear of the unknown and accordant hesitancy, had previously submitted an application to Rice University for doctoral studies in Biology, ergo parasitology. Forewarned of Read's visit and what I anticipated to be an interview (or, more accurately at the time, an inquisition), I prepared, until the wee hours of the morning, pouring over my Merck charts. The "confrontation" as I remember it, "degenerated," as it were, into a conversation about strigeoid systematics and the origin of Ascocotyle metacercarial cyst walls. I don't believe I got a chance to recite the Krebs cycle once! Despite all that, I subsequently received a letter from the Rice Graduate Dean's Office relating that I had somehow been accepted, with a \$1,500 teaching assistantship, to pursue a Ph.D. degree with Clark P. Read. I went, and, with all the usual trials and tribulations of a graduate student, even with an income of \$1,500 per year, I have to admit now, in retrospect, that the years 1962-1965 were the three most profitable of my life to date. To be sure, Clark was not a technically accomplished electron microscopist this kind of training I received through Clark's entre, via a summer's visit to Dr. Keith Porter's laboratory at Harvard, and essentially from Bill Philpott, an erstwhile compadre-fellow graduate student at Tulane, then one of Dr. Porter's postdoctorals and now Professor of Biology at Rice. Not a little input during the gestation process was also provided by Frank M. Fisher, Jr., himself a fair wielder of a pipet, and shotgun alike. Suffice it to say, a thesis ponderously entitled "Cytological Studies on the Absorptive Surfaces of Cestodes" derived most of its orientation and ultimate philosophy from the inspiration and paternal guidance of one Clark Phares Read, Professor of Biology, at Rice University. My subsequent work in this field has been continually inspired, and in many ways directed, through Clark's own contributions, and has profited many times from his perceptive criticism.

But enough of your speaker's life history. Let me turn now to certain aspects of the life history of Clark Read, which are already known, well known, to many in this audience.

Dr. Read's collegiate experience began with his attendance at Tulane University - he many times since credited the "unmerciful" (that's his quote) efforts of one Professor E. S. Hathaway to direct his zoological adolescence. Read specifically acknowledged Professor Hathaway's stimulating in him an excitement for investigation, even when the ex-

periment failed to support the hypothesis. This excitement and objectivity were to be the hallmarks of Read's approach to his subsequent research efforts. Following a hiatus imposed by active duty in the U.S. Navy and Marine Corps, he resumed his education at the University of Texas School of Medicine, before beginning in 1946 his graduate studies at the Rice Institute under the tutelage of Professor Asa Chandler. His first publication, the description of a new species of the trematode genus Opecoeloides, appeared in 1947 (J. Parasit. 33: 231-233). Professor Chandler, ever the taskmaster, felt it appropriate that since Read had not yet received a baccalaureate degree, he complete not one, but two theses for the M.A. One, on the genus Capillaria (J. Parasit. 35: 223-249), established him as an authority on the systematics of this group of nematodes; even in recent years, workers continued to send specimens for his examination and consultation. Helminth systematics was not however, to become the area in which Dr. Read was to attain his greatest accomplishments and contribute so significantly to the fields of parasitology, tropical medicine, and biology as a whole. It was Read, more than any other worker, who articulated the concept of the host-parasite interface, and defined many of the intricate molecular interactions between symbiotes and their hosts. With the receipt of Bachelor and Master of Arts degrees in 1948, Read began in earnest his studies on the chemical nature of parasitism, bringing to bear new approaches and concepts which were to set the pattern for investigations in that then embryonic field which would prevail in his and other laboratories for the next 20 years.

Many aspects of the professor-student relationship which existed between Read and Dr. Chandler are manifested in the following anecdote. During a seminar, I am told, Read and Chandler participated in what has been characterized as a "spirited debate" over some parameters of enteric physiology and their predicted consequences for the physiology of intestinal parasites. With certain points of the discussion yet unresolved, at least in young Read's view, he (Read) retired to the library. Some weeks later, he appeared in Chandler's office with a written essay, documenting and extending his arguments. This essay, with Chandler's hearty encouragement, resulted in the publication of a monumental treatise (Rice Institute Pamphlet 37: 1-94) entitled "The Vertebrate Small Intestine as an Environment for Parasitic Helminths." Read was later to remark that Chandler recognized that he seemed to thrive under pressure. As a student of Clark Read, I might add that "The Boss" not infrequently applied this principle to his own fledglings, undoubtedly to our profit, but not without a certain sacrifice of peace of mind.

After receiving his doctorate in 1950, Read held teaching and research positions at UCLA and Johns Hopkins University before joining the Rice faculty in 1959. Author by that time of nearly 60 articles, dealing largely with helminth physiology and biochemistry, and having trained some 16 graduate students in this area, Dr. Read was named the first recipient of the Henry Baldwin Ward Medal from the American Society of Parasitologists. In accepting this award, Dr. Read stated his intention to the Awards Committee to do his best to earn their esteem in the future, concluding that his most productive years lay

ahead. Indeed, this proved to be so. At the time of his death, Read had contributed over 150 articles to national and international journals, and authored three college-level textbooks. His former graduate students and postdoctoral fellows presently occupy faculty positions in some 100 major universities, or hold posts in governmental and private research and health institutions. Two of his former students are themselves Henry Baldwin Ward medalists. It is significant to note that at the past meeting of the American Society of Parasitologists, more than 30% of the papers were presented by people who had studied in Read's training program. Of the 25 papers on our present scientific program, 10 were contributed by workers who have trained, at one point or another in their careers with Read.

In addition to SWAP and the American Society of Parasitologists, Dr. Read was a member of some half-dozen other national and international scientific societies. He served on the editorial boards of over six major journals, as Chairman (from 1961-1966) of the Study Section in Tropical Medicine and Parasitology of the NIAID, and as Zoology Chairman and a Trustee of the Marine Biological Laboratory (Woods Hole, Massachusetts). He was the recipient of many honors and fellowships, including a Guggenheim Fellowship, a Carnegie Professorship, and a Career Professorship from the National Institutes of Health. Under the auspices of the Guggenheim Award, Read studied at the Molteno Institute of Cambridge University, where he was elected a Research Fellow of Christ's College. In addition to his many scientific and related contributions to the disciplines of tropical medicine, parasitology and biology as a whole, Dr. Read was a devoted academic citizen to his University. He served as Chairman of the Biology Department for seven years, and, throughout his tenure at Rice, was an inspiring teacher and counselor to countless undergraduates. In the Preface of his book "Parasitism and Symbiology," Read remarked that it was his "highest hope that this book may stimulate thought among students in the broad framework of symbiology, and that its relevance concerns the relationships of men to men as well as to other organisms." This statement essentially defines Prof. Read's philosophy of teaching in general, and it is to these aims that his pedagogical efforts in the classroom and around the coffee pot were continually directed. Read was hardly the "ivory tower" academician or pre-occupied researcher, but enjoyed many wide-ranging interests and activities, especially in community service. He was deeply committed to the principle of human rights and civil liberties, and energetically devoted much of his time and talents to the realization of these convictions. Included among his many "extracurricular" endeavors were several years service to the local public school board and the Houston Council on Human Relations the American Civil Liberties Union and vigorous participation in state and local politics. Somehow he also found time to serve as the scientific advisor to several films produced by Roberto Rossellini and the United Nations, and, occasionally, donned the thespian's robes on the stage of the Rice Players.

Clark Read, the dedicated humanist-scientist-educator, was a devoted husband to his wife Lee, father to his four children - Johanna, Victoria, Cathleen and Jefferson - and grandfather to Johanna's son Ben-

jamin Tobias. To his students Read was an admired and beloved friend. His fondness and personal respect for them was felt by the first-year graduate student as well as the published postdoctoral. In addition to the professional training and guidance he provided them, he gave of himself - his wise counsel, warmth and inspiration - and thereby earned their devotion and confidence. As a professor, Read acknowledged our occasional successes with quiet praise, and was ever tolerant of our many failures. In his tolerance, however, Read would not accept less than the best of which we were capable. As a predoctoral, I placed on Read's desk one day a manuscript I'd written, hastily prepared as it turned out, on some exciting, if preliminary data. His review included the comment "Dick, with the noted editorial suggestions, this paper is structurally in pretty good shape. But, how do you feel you will regard it otherwise when you re-read it five years from now?" Fortunately, I never had the experience, at least of having to reread it from the printed page. That particular ms is still cooling somewhere in my file cabinet.

It is especially fitting that among the many honors accorded Dr. Read was the presidency of this society. The Southwestern Association of Parasitologists, or SWAP, was founded and continues to operate on the principle of free and informal exchange, or SWAP-ing, if you will, of scientific thought and information, especially that promulgated by young investigators and students. Thus, the Society's philosophy is an institutional embodiment of Read's personal philosophy about science and scientists - to encourage the birth of an idea, subject it to critical scrutiny in a non-adversary encounter of peers, and thereby prove or disprove its validity to the benefit of all concerned.

Colleagues and students of Dr. Read were shocked and deeply saddened to learn of his sudden death in Houston on December 24, 1973, from a coronary. At the age of 52, his brilliant career had by no means reached its high water mark. Present and future generation workers in parasitology have suffered a great loss with his passing. And we, in this room tonight, the absence of a dear friend.

**EIGHTH MEETING**  
**Southwestern Association of Parasitologists**  
**Lake Texoma, OK      17-19 April 1975**

**PROGRAM**

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**Friday, 18 April 1975**

- E.M. Gress and R.D. Lumsden, Tulane University, New Orleans, LA, "Ultrastructural cytochemistry of the tegumental surface membrane of *Paragonimus kellicotti*."
- D.W. Fredricksen, Tulane University, New Orleans, LA, "The fine structure and phylogenetic position of the cotylocidium larva of *Cotylogaster occidentalis* (Trematoda: Aspidogastriidae)."
- C.R. Page III, C.R. Gilbert, L.M. Griffith and A.J. MacInnis, Tulane University, New Orleans, LA, and University of California, Los Angeles, CA, "Effect of thymine on uridine uptake by *Hymenolepis diminuta*."
- J.M. Merz and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Short circuit current and solute transfer by the intestine of *Ascaris suum*."
- S.C. Supowit and B.G. Harris, North Texas State University, Denton, TX, "Purification of hexokinase in *Ascaris suum*."
- W.J. Landsperger and B.G. Harris, North Texas State University, Denton, TX, "Regulation of carbohydrate metabolism in *Ascaris suum*."
- L.M. Schanbacher, N.W. Weisbrodt and G.A. Castro, University of Texas Medical School, Houston, TX, "Intestinal motility of the dog infected with *Trichinella spiralis*."
- G.L. Stewart, Rice University, Houston, TX, "Studies on biochemical pathology in trichinosis. II. Changes in muscle and liver glycogen and in blood chemistry."
- R.D. Lumsden, L.M. Griffith and R.L. Lehnhardt, Tulane University, New Orleans, LA, "Hepatic glycogen depletion in murine Schistosomiasis mansoni."
- J.A. Moore and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Detection of bladder pathology in non-human primates infected with schistosomes."
- G.R. Newport, C.R. Page III, H.H. Stibbs, P.U. Ashman and J.R. Seed, Tulane University and Xavier University, New Orleans, LA, "Alteration of free serum and brain amino acids in field voles infected with *Trypanosoma brucei gambiense*."
- W.N. Smith and J.J. Vogel, University of Texas Medical School, Houston, TX, "*In vivo* and *in vitro* calcification of *Dipetalonema gracile*."
- E. Weidner, Louisiana State University, Baton Rouge, LA, "Studies on microsporidian xenomas in fish."
- W. Smith and G.A. Castro, University of Texas Medical School, Houston, TX, "Peroxidase activity as a chemical index of *Trichinella*-induced inflammation in the small intestine."



- W.M. Kemp, R.T. Damian, M. Carroll and M. Sharp, Abilene Christian College, Abilene, TX, and University of Georgia, Athens, GA, "Studies on the origins of shared CHR antigens between *Schistosoma mansoni* and its intermediate hosts, *Biomphalaria pfeifferi* and *B. glabrata*."
- H.L. Asch and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Schistosome cercarial proteases: Inhibition by serum components."
- J.P. Wright and J.R. Seed, Tulane University, New Orleans, LA, and Texas A&M University, College Station, TX, "Host immunoglobulins and the mechanism of antigenic variation in African trypanosomiasis."
- P.R. Jackson, Rice University, Houston, TX, "Lectin binding of *Trypanosoma equiperdum*."
- A.A. Marchiondo, The University of New Mexico, Albuquerque, NM, "The prevalence of *Toxoplasma* antibodies in mammals from Arizona, Colorado, Montana, New Mexico, Peru and the Philippines."
- S.A. Knight, J. Janovy, Jr. and Y.W. Lee, University of Nebraska, Lincoln, NE, "Differentiation of *Herpetomonas megaseliae*: Effects of growth in the presence of hydroxyurea."
- H.K. Cheruiyot, Oklahoma State University, Stillwater, OK, "The susceptibility of female white mice to infections with eggs of *H. nana* derived from different sources."
- G.A. Castro, L.R. Johnson, E.M. Copeland and S.J. Dudrick, University of Texas Medical School, Houston, TX, "Course of infection with *Trichinella spiralis* and *Hymenolepis diminuta* in hosts switched from oral to parenteral nutrition."
- EM. Fisher, Rice University, Houston, TX, "The carbamates: Chemical characteristics and mode of action."
- G.L. Stewart, Rice University, Houston, TX, "Toxicity of carbamates to gastropod hosts."
- L. Wong, Rice University, Houston, TX, "Metabolism of carbamates on gastropods."
- M.G. Levy, Rice University, Houston, TX, "Effects of carbamates on *Schistosoma mansoni*."

#### **Saturday, 19 April 1975**

- G.A. Conder, The University of New Mexico, Albuquerque, NM, "The effects of Cobalt-60  $\gamma$ -radiation and heat on the oocysts of *Eimeria nieschulzi*."
- E.D. Box, C.A. Speer and D.W. Duszynski, University of Texas Medical Branch, Galveston, TX, and The University of New Mexico, Albuquerque, NM, "Exogenous stages of *Isospora serini* and *I. canaria* in the canary, *Serinus canarius* L."
- H. Laubach and H. Jordan, Oklahoma State University, Stillwater, OK, "A biological vector as a possible mode of transmission for *Mycoplasma* species."
- A.A. Kocan and H.L. Laubach, Oklahoma State University, Stillwater, OK, "The role of larval *Nippostrongylus brasiliensis* on the establishment of *Mycoplasma pulmonis* in defined flora rats."
- M.H. Martin and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Notes on the anatomy of a new species of *Echinorynchus* from New England."

- L.W. Bone, University of Arkansas, Fayetteville, AR, "Anatomy of the cerebral ganglion of male *Moniliformis moniliformis* (Acanthocephala)."
- D.A. Becker and D.G. Cloutman, University of Arkansas, Fayetteville, AR, "Parasites of selected game fishes of Lake Fort Smith, Arkansas."
- J.R. Davis and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Helminths of *Gambusia affinis* in San Marcos, Texas area."
- N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Studies on the host–parasite population dynamics of *Haematolochus coloradensis* Cort, 1915 (Digenea: Plagiorchiidae)."
- H.D. Murray, Trinity University, San Antonio, TX, "*Philopthalmus* sp. in *Tarebia granifera* and *Melanooides tuberculatus* in Brackenridge Park, San Antonio, Texas."
- M.D. Kotrla, Trinity University, San Antonio, TX, "New geographical location for *Philopthalmus* sp. in thiarid snails and waterfowl in Texas."
- S.A.M.W. Eberhard, Tulane University, New Orleans, LA, "Equine and bovine onchorerciasis in Columbia."
- S.K. File and W. McGrew, Tulane University, Delta Regional Research Center, Covington, LA, and Gombe Stream Research Center, Kigoma, Tanzania, "The intestinal parasites of a community of feral chimpanzees, *Panstroglodytes schweinfurthii*."

**MINUTES OF THE EIGHTH SWAP MEETING, 1975,  
Submitted by Thomas G. Meade, Secretary-Treasurer**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
8th Annual Meeting - University of  
Oklahoma Biological Station  
Lake Texoma, Oklahoma  
April 17-19, 1975

The eighth Annual Meeting of the Southwestern Association of Parasitologists was held at the University of Oklahoma Biological Station, Lake Texoma, Oklahoma on April 17-19, 1975. There were 113 in attendance and 39 papers presented.

Officers for the year:

Dr. Robert Kuntz - President  
Dr. Gilbert Castro - Vice-President  
Dr. Thomas Meade - Secretary-Treasurer

Dr. Kuntz called the meeting to order. The report of the secretary-treasurer was presented and approved.

Dr. Don Moore brought to the attention of the membership the need for consideration of an increase in dues if the Association was to remain a viable and self-sustaining organization. He cited postage increases and abstract costs as stresses on future budgets of the Association. The executive committee recommended \$3.00 for all members. Dr. Frank Sogandares moved that dues should be \$4.00 for regular and \$2.00 for students. Dr. Mike Kemp seconded. Considerable discussion occurred. The motion passed.

Dr. Moore proceeded to bring the Southwestern Association members up-to-date regarding plans for the Anniversary meeting of ASP in New Orleans in November. The Anniversary Medal was displayed and information about registration and abstracts for the meeting was presented.

Dr. Kuntz brought to the attention of the membership that legislation was pending in Texas (HB479) that would make biblical accounts of creation essential in textbook if other theories on origin of life were presented. This law would be similar to that brought up in other states, but passed only in Tennessee. Dr. Kuntz introduced the proposal that the Association forward a resolution to appropriate officials in Texas expressing the Association's disapproval of such a bill. He then read a resolution which had been written by Drs. Frank Sogandares and Frank Fisher. Considerable discussion ensued. Drs. Self and Lumsden supported a change in the resolution to emphasis the importance of academic freedom. Dr. Self went on to move on the idea that a statement be made that "the strength in American education lay in the fact that freedom of expression had traditionally existed in the classroom and textbooks." This was seconded and passed.

Committee Reports:

ASP Representative: Dr. Mike Kemp presented the ASP report. The major item in the report consisted of page cost delinquency in the Journal of Parasitology.

Audit Committee: Drs. Ben Harris and Clayton Page reported the books of the treasurer had been examined and found to be in order.

Nominating Committee: Consisting of Drs. Seed, Ivy, and Beames, it was reported that a ballot had been presented.

Resolutions Committee: Drs. Lee Warren (Chr.) and Dave Becker. Dr. Warren expressed appreciation to all involved with making the meeting a success and to the staff of the UOBS for making our stay so enjoyable.

Teller's Committee: Drs. Bill Coil (Chr.), Pat Hollis and David Huffman. Dr. Coil reported that 61 ballots had been counted with the new president being Dr. Gil Castro and Vice-President, Dr. Dick Lumsden.

Dr. Kuntz turned the meeting over to Dr. Castro followed by adjournment.

**SECRETARY-TREASURER'S FINANCIAL REPORT FOR THE EIGHTH ANNUAL SWAP MEETING,  
Submitted by Thomas G. Meade**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Eighth Annual Meeting  
Lake Texoma  
April 17 - 19, 1975

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance on hand as of April 4, 1975		\$ 745.21
Balance transferred Fannin Bank, Houston to Huntsville National Bank, Texas, April 30, 1974		659.30
<u>Deposits:</u>		
Partial receipts of 1974 meeting	815.00	
Dues Deposits April 30, 1974-April 4, 1975	<u>290.00</u>	
	1105.00	
		<u>1105.00</u>
		1764.30
<u>Disbursements:</u>		
Check # 101 - Rubberstamp and card ballots	16.85	
# 102 - Stamps	41.00	
# 103 - Reimburse OUBS meeting costs	815.00	
# 104 - OUBS - social hour costs	26.50	
# 105 - Printing meeting announcement & ballot	25.60	
# 106 - Stamps	35.00	
# 109 - Stamps	25.20	
	\$985.15	
		<u>- 985.15</u>
Bank balance		779.15
<u>Disbursements not paid by bank as of April 4, 1975</u>		
Check # 107 - Letterhead stationary	30.94	
# 108 - OUBS registration guest speaker	<u>3.00</u>	
	33.94	
Checkbook balance		<u>- 33.94</u> \$ 745.21

Additional Notes:

New members April, 1974-1975	20
Total members since Association began	251
Dues - paying members as of year 1974	134

Meeting Site Ballot Results:

Total ballots returned	75
Meeting Site for 1975	
Oklahoma State University	25
OUBS Biological State	45
OUBS as a permanent site after 1975	
Yes	53
No	19

**REPORT TO SWAP ON ASP COUNCIL MEETING, 1974,  
Submitted by W. Michael Kemp, SWAP Representative to ASP Council**

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REPORT TO SWAP

The Council of the American Society of Parasitologists met from 1-6 p.m. August 5, 1974, in Kansas City, Missouri. Major items of discussion centered around:

1. Plans for participation in the then forthcoming Third International Congress of Parasitology.
2. Problems concerning delinquent page cost charges for the Journal of Parasitology. Numerous authors had not paid the page costs and the possibility of blacklisting these authors until arrangements were made was discussed. It was noted that if a paper was considered very good and arrangements were made with the editor before publication, there was the possibility that the Society would subsidize the paper.
3. Meeting Schedule.
  - a. 1975--New Orleans, Louisiana, with the American Society of Tropical Medicine and Hygiene
  - b. 1976--San Antonio, Texas
  - c. 1977--unknown
  - d. 1978--Chicago, Illinois, with the American Society of Tropical Medicine and Hygiene.
4. Plans concerning special arrangements for the Society's 50th Anniversary meeting in New Orleans were discussed.
5. Awards Committee announced that Dr. Raymond T. Damian was this year's recipient of the Henry Baldwin Ward Medal.
6. Final item of business concerned the current legal battles over biology textbooks in some states. It was recommended that the Society donate \$200 to the National Association of Biology Teachers to help defray court costs. The Council voted unanimously to donate \$500.

LETTER TO THE HON. WM. CLAYTON FROM T.G. MEADE  
Re: H.B. 479, to Mandate Creationism Be Included in Textbooks

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## **SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS**

### **ANNUAL MEETING**

University of Oklahoma Biological Station  
Lake Texoma, Kingston Oklahoma  
April 21, 1975

Sam Houston State University  
Biology Department  
Huntsville, Texas 77340

The Honorable William Clayton  
Speaker of the House  
The State of Texas  
Austin, Texas 78700

Re: HB 479

Dear Senator Clayton:

The Southwestern Association of Parasitologists at its annual meeting April 17-19, 1975, voted unanimously that I should forward the following resolution to you for your presentation to your colleagues in the House.

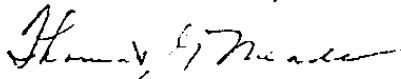
Be it resolved that:

The Southwestern Association of Parasitologists, an affiliate of the American Society of Parasitologists, many of whose members reside and teach in the State of Texas, wishes to strongly oppose HB 479 which amends Chapter 12 of the Texas Education Code by adding a section requiring biblical accounts of creation to be included in textbooks when other theories of the subject are presented.

The Association opposes this bill for two reasons. First, the origins and creation of man and the world as set forth in the Bible are in all due respects a branch of Theology and are without foundation when presented as science. Second, we fundamentally disapprove of any law which dictates what a teacher should say or what goes into textbooks. This threatens the freedom of expression which has been throughout the history of America the major strength in education.

We urge your participation in the defeat of this legislation to continue with the separation of State, Church and Education.

For the Association,



Thomas G. Meade  
Secretary-Treasurer

Affiliate, 1968

American Society of Parasitologists





REPLY FROM HON. W.M. CLAYTON TO T.G. MEADE RE:  
Re: H.B. 479, to Mandate Creationism Be Included in Textbooks

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*State of Texas*  
*House of Representatives*  
*Austin*

April 24, 1975

Dear Mr. Meade:

I have your letter in which you express the resolution of the Southwestern Association of Parasitologists which states opposition to House Bill 479. This bill by Representative Wieting would require that the biblical account of creation be included in textbooks where other theories of the subject are presented.

Mr. Meade, I would be ashamed to oppose a bill which supports the addition of the biblical account of creation to a textbook. This is supposedly a nation founded on belief and trust in God. If we have come to the place where we legislate action which would not permit our school children to have the benefit of the biblical view of creation, while they are being taught the scientific view, I no longer care to live in this country.

Freedom of expression is free only as long as it does not infringe upon the rights of others. Freedom of expression still exists as is evidenced by the fact that you are free to state your position on this matter. However, I am equally free to state mine. You may expect my strong support for this bill.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bill Clayton".

Bill Clayton

BC:to

Mr. Thomas G. Meade  
Secretary-Treasurer, Southwestern Association of Parasitologists  
Sam Houston State University  
Huntsville, Texas 77340

*Bill Clayton*  
*Speaker* A small icon of a gavel, the symbol of a speaker, positioned to the right of the name.

LETTER FROM LT. GOV. WM. HOBBY TO T.G. MEADE  
RE: H.B. 479, Mandating Creationism Be Included in Textbooks

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WILLIAM P. HOBBY  
LIEUTENANT GOVERNOR

*The State of Texas*  
*Office of the Lieutenant Governor*  
*Austin*

May 16, 1975

Mr. Thomas G. Meade  
Secretary-Treasurer  
Southwestern Association of  
Parasitologists  
Sam Houston State University  
Biology Department  
Huntsville, Texas 77340

Dear Mr. Meade:

Thank you very much for your letter informing me of the resolution adopted by the Southwestern Association of Parasitologists expressing opposition to House Bill 479. I am grateful to you for bringing this resolution to my attention.

House Bill 479, which relates to the approval of certain school textbooks which contain material regarding the origins or creation of man and the world, is in the House Committee on Public Education. Let me assure you that the views of your Association regarding this legislation have been noted and that they will be given the most serious consideration by the members of the 64th Legislature.

Sincerely,

*Bill Hobby*

NINTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      22-24 April 1976

PROGRAM

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**Friday, 23 April 1976**

- N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Studies on the population structures of two species of *Haematoloechus* Looss, 1899 (Digenea: Plagiorchiidae) in raniid frogs of New Mexico."
- A. Mena, A.G. Canaris and J.R. Bristol, University of Texas, El Paso, TX, "Parasites of green-winged teal (*Anas crecca*) in Hudspeth County, Texas."
- O. Castruita, A.G. Canaris and J.R. Bristol, University of Texas, El Paso, TX, "Parasites of blue-winged teal (*Anas discors*) from Hudspeth County, Texas."
- H.T. Underwood, Texas A&M University, College Station, TX, "A comparative study of the parasitism of *Micropterus salmoides*, the large mouth bass, in two arms of the Sam Rayburn Reservoir."
- M.H. Martin and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "A comparison of the helminth fauna of *Notropis venustus* and *Notropis lutrensis* from the area of San Marcos, Texas."
- J.L. Martin and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "An ecological survey of the helminths of *Sigmodon hispidus* from the area of San Marcos, Texas."
- A. Noyola, W.G. Knollenberg and B.J. Meyers, Southwest Foundation for Research and Education, San Antonio, TX, "The laboratory cultivation of *Bulinus truncatus rohlfsi* Ghana strain."
- D.R. Brooks, Gulf Coast Research Laboratory, Ocean Springs, MS, "Analysis of the interrelationships of Plagiorchioid trematodes from the intestines of amphibians."
- T.E. Mattis, Gulf Coast Research Laboratory, Ocean Springs, MS, "Hook symmetry and measurement in armed tetraphyllidean cestodes."
- W.G. Knollenberg and B.J. Myers, Southwest Foundation for Research and Education, San Antonio, TX, "Identification of larval anisakines implicated in anisakiasis."
- D.W. Fredericksen and R.D. Lumsden, Tulane University, New Orleans, LA, "Differences in cuticular ultrastructure between infective juveniles of the nematode genera *Anisakis* Dujardin, 1845, and *Phocanema* Meyers, 1959."
- R.E. Kuntz, T.-C. Huang, G.S. Tulloch and D.L. Davidson, Southwest Foundation for Research and Education, San Antonio, TX, "Surfaces of adult *Schistosoma mattheei* studied by scanning electron microscopy."
- R.D. Specian and J.E. Ubelaker, Tulane University, New Orleans, LA, and Southern Methodist University, Dallas, TX, "Scanning electron microscopic investigations on reptilian Physalopterids from Texas."

- W.L. Current and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "*Henneguya exilis* in channel catfish."
- G.A. Castro, E. Badial-Aceves, J.W. Smith, S.J. Dudrick and N.W. Weisbrodt, University of Texas Medical School, Houston, TX, "Altered small bowel propulsion associated with parasitism."
- J.M. Robinson and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Site location and development of *Eimeria nieschulzi* in rats with resected small intestines."
- P.W. Pappas, Ohio State University, Columbus, OH, "Effect of transplanted *Hymenolepis microstoma*, the mouse bile duct tapeworm, on CF-1 mice."
- L.J. Cunningham, Tulane University, New Orleans, LA, "Tissue tropism of *Trypanosoma cruzi* in rats and gerbils."
- J.E. Deas and J.H. Miller, Louisiana State University Medical Center, New Orleans, LA, "Further studies of the surface active lysosome of *Entamoeba histolytica*."
- L.G. Warren and G. Glowacki, Louisiana State University Medical Center, New Orleans, LA, "Biochemical and cytochemical localization of acid phosphatase and 5' mononucleotidase activity in membrane fractions from *Entamoeba histolytica*."
- J.E. Hall and J.R. Seed, Texas A&M University, College Station, TX, "The effects of a trypanosome tryptophan metabolite, indole-3-ethanol, upon Ehrlich ascites tumor cell transport."
- J.H. Eubank, R.D. Love and G.L. Uglem, University of Kentucky, Lexington, KY, "Specificity of the hexose transport system in *Hymenolepis diminuta*."
- M.J. Donahue and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Filtration coefficient of the basal lamella of *Ascaris suum* as measured by osmotic and hydrostatic methods."
- J.M. Merz and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Measurements of the extracellular shunt pathway in the gut epithelium of *Ascaris suum*."
- K. Grant and C.R. Page III, Tulane University, New Orleans, LA, "Effect of changes in ambient pH on uridine absorption by *Hymenolepis diminuta*."
- J.R. Bristol, D. Villalba and A.G. Canaris, University of Texas, El Paso, TX, "The effect of exogenous glucose concentrations on oxygen consumption of adult *Brachylaime microti*."
- D.M. Gordon and R.O. McAlister, Southern Methodist University, Dallas, TX, "Schizont-infected cell enrichment in rodent malaria."
- K.A. Redetzke and A.G. Canaris, University of Texas, El Paso, TX, "A mechanistic stimulation model of a host-parasite system."
- R. Dechene, Louisiana State University Medical Center, New Orleans, LA, "Polytene chromosome mapping of a Louisiana population of *Simulium vittatum* (Diptera: Simuliidae)."
- P.R. Jackson and F.M. Fisher, Rice University, Houston, TX, "The effects of carbohydrates on amino acid uptake by *Trypanosoma equiperidum*."
- B.M. Suskind and L.G. Warren, Louisiana State University Medical Center, New Orleans, LA, "Aerobic and anaerobic metabolism in axenic *Entamoeba histolytica*."

EM. Gress and R.D. Lumsden, Tulane University, New Orleans, LA, "*Schistosoma mansoni*: Topochemical features of intrasporocyst cercariae."

M.S. Bogucki and J.R. Seed, Texas A&M University, College Station, TX, "Host antigen sharing in experimental trypanosomiasis."

### Saturday, 24 April 1976

E.E. Simmons and R.B. Smith, Burnet Road Animal Hospital, Austin, TX, "Improved heartworm treatment procedure."

R.O. McCracken, W.C. Campbell and L.S. Blair, Merck Institute for Therapeutic Research, Rahway, NJ, "The effect of mebendazole on glucose transport by the tapeworm, *Hymenolepis diminuta*."

A. Kocan, H. Laubach and B. Sartain, Oklahoma State University, Stillwater, OK, "The use of phospholipase B analysis as an index of inflammatory conditions induced by helminth parasites."

J.A. Moore, R.E. Kuntz and T.-C. Huang, Southwest Foundation for Research and Education, and Trinity University, San Antonio, TX, "Comparative biology of the terminal spine egg schistosomes in the golden hamster (*Mesocricetus auratus*)."

P.D. Hollis, B. McCullough, R.V. Blystone and R.E. Kuntz, Southwest Foundation for Research and Education, and Trinity University, San Antonio, TX, "Bladder involvement in the golden hamster subsequent to infection with *Schistosoma haematobium* and the dietary administration of an azo dye."

R.O. McCracken, W.M. Kemp and J.R. Seed, Texas A&M University, College Station, TX, "The effects of tryptophol and *Trichinella spiralis* on hemagglutination titers in mice."

J. Ord and C. Johns, Trinity University, San Antonio, TX, "Ultrastructural analysis of the cercaria and metacercarial cyst wall of the trematode, *Philoptthalmus* sp."

R.P. Wyeth, D.W. Fredericksen and R.D. Lumsden, Tulane University, New Orleans, LA, "Fine structure of the tentacular bulb muscle of the plerocercus of *Callitetrarhynchus* (Cestoda: Trypanorhyncha)."

L.W. Bone, University of Arkansas, Fayetteville, AR, "Ultrastructural aspects of the cerebral ganglion neuropile of male *Moniliformis dubius*."

H.L. Asch and M.H. Dresden, Baylor University Medical Center, Houston, TX, "*Schistosoma mansoni*: Effect of zinc on cercarial and schistosomule viability."

M.H. Dresden and H.L. Asch, Baylor University Medical Center, Houston, TX, "Partial characterization of the proteases of *Schistosoma mansoni* cercariae."

P. Hodges, Southern Methodist University, Dallas, TX, "Fine structure of the female reproductive tract of *Schistosoma mansoni*."

R. Cederberg, Southern Methodist University, Dallas, TX, "Fine structural observations of spermatogenesis in *Schistosoma mansoni*."

**MINUTES OF THE NINTH SWAP MEETING, 1976,**  
**Submitted by Thomas G. Meade, Secretary-Treasurer**

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Ninth Annual Meeting  
Southwestern Association of Parasitologists  
University of Oklahoma Biological Station  
Lake Texoma  
April 22-24, 1976

The ninth Annual Meeting of the Southwestern Association of Parasitologists convened at Lake Texoma April 22-24, 1976. There were 102 in attendance and 46 papers presented.

Officers for the year:

Gilbert A. Castro - President  
Richard D. Lumsden - Vice-President  
Thomas G. Meade - Secretary-Treasurer

The minutes of the eighth annual meeting and the treasurer's report were presented and approved.

Dr. Mike Kemp, SWAP representative to ASP presented his report. A major item of importance here included ASP's precarious financial situation which had resulted in dues increases and reduced free pages in the journal. Dr. Kemp also reported (1) that 100 50th anniversary commemorative medals still remained and could be purchased from Dr. Moore; (2) that the fourth International Congress of Parasitologists was to be held in Warsaw, Poland, August 19-26, 1978; and (3) that the fifty-first annual meeting of ASP was scheduled for San Antonio, Texas, August 23-27, 1976. He further reported that Las Vegas would be the meeting site the following year and Chicago in 1978.

Dr. J. Teague Self brought up the question of the Association's filing an annual report with the IRS. Considerable discussion ensued. Dr. B. J. Myers informed that AIBS had a lawyer with whom we were eligible to check as an affiliate of ASP. The secretary-treasurer was asked to check on this matter.

Dr. Mike Kemp brought up the subject of affiliate organization representatives to ASP having voting rights on Council and presented reasons for and against voting privileges. Dr. Frank Sogandares moved that representatives of affiliate organizations to ASP remain as non-voting members. This motion was seconded by Dr. Clayton Page. Considerable discussion followed. Dr. Lumsden reminded members that at present SWAP had two voting members on ASP Council. Dr. Page said that some SWAP members were not in ASP. Also, in many cases ASP members were not affiliated with regional organizations. Dr. Dick Seed expressed the belief that in the future ASP may not be the central power behind parasitology in this country but that regional organizations would assume larger roles and should be more directly represented on Council. Dr. Kemp pointed out that his position as SWAP representative to ASP made him feel rather useless without voting rights. Dr. Kemp also expressed the belief that the regional representative should be an elected position. Discussion continued. Dr. Lee Warren suggested

that ASP designate "regions" from which council members be elected. Dr. Dale Little brought up the problem of multiple affiliate memberships in the case that affiliates elected voting council representatives. Dr. Don Moore brought up the problem of the Helminthological Society of Washington as an affiliate. Dr. J. Teague Self reminded the group of the complexity of the problem and suggested that members be given a chance to think over the problem until the next SWAP meeting. Dr. Self then proceeded to move that the original motion by Dr. Sogandares be tabled until next year. This was seconded by Dr. Seed and passed unanimously.

Dr. Dick Lumsden brought up the problem of numbers of abstracts submitted and scheduling difficulties associated with them. He presented the alternatives (1) increase meeting time; (2) Thursday night session; and (3) selective process for choosing abstracts. Most members rejected concurrent sessions. Dr. Huffman suggested one concurrent session could alleviate some problems. Dr. B. J. Myers felt that student papers should receive priority. Dr. Warren suggested both student priority and poster sessions would be helpful. Dr. Ben Harris spoke of the value of poster sessions. Dr. Lumsden suggested that poster session request should be included in the call for papers. Dr. Don Duszynski recommended that this be done but that dual sessions be avoided. The secretary was asked to discuss the problem with the new program chairman, Dr. Calvin Beames.

Dr. Loren Hill announced a forthcoming position in experimental parasitology for 1976-77 filling the position created by the retirement of Dr. Self.

#### Committee Reports:

- \* Audit Committee: Drs. Dave Becker and Al Canaris.  
Dr. Becker reported the books of the Association to be in order.
- \* Resolutions Committee: Drs. Robert Kuntz and Frank Sogandares.  
Dr. Kuntz read the resolution thanking all responsible for making the meeting a success. Dr. Kuntz moved that Dr. Loren Hill be made the Association's first Honorary Member. This was seconded and passed unanimously.
- \* Teller's Committee: Drs. Ben Harris, John Janovy and George Stewart.
- \* Dr. Harris reported that Dr. Calvin Beames had been elected Vice-President. A tie vote for President existed between Drs. Lumsden and Seed. With the consent of both persons and using his presidential authority Dr. Gil Castro announced that Dr. Lumsden would serve as President for 1976-77 and Dr. Seed, 1977-78.

The meeting was turned over to the new President, Dr. Dick Lumsden followed by adjournment.

#### Banquet Presentation:

Dr. Gilbert Castro presented a plaque to Dr. B. J. Myers on the occasion of her departure from the Southwest. The plaque, signed by the president, Vice-President and Secretary-Treasurer, expressed the association's appreciation to Dr. Myers as founder and holder of all offices in SWAP.

**SECRETARY-TREASURER'S REPORT, NINTH ANNUAL SWAP MEETING, 1976**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Ninth Annual Meeting  
Lake Texoma, Oklahoma  
April 22-24, 1976

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance on hand as of April 7, 1976	\$ 1004.78
Balance on hand at close of last financial report April 4, 1975	745.21
<u>Deposits:</u>	
Partial receipts from 1975 meeting	\$167.25
Dues deposits April 23, 1975-March 31, 1976	<u>554.00</u>
	\$721.25
	<u>721.25</u>
	\$1,466.46
<u>Disbursements:</u>	
Check # 110 - U.O.B.S. guest speaker costs	\$ 23.75
# 111 - reimburse U.O.B.S. meeting costs	167.25
# 112 - stamps	30.00
# 113 - Xerox mailing labels	4.00
# 114 - Key Print Shop	25.25
# 115 - Sam Houston State University ballot-meeting printing	12.93
# 117 - stamps	<u>56.10</u>
	\$319.28
	<u>-319.28</u>
Bank balance as shown on final statement March 31, 1976	\$1,147.18
<u>Disbursements not paid by bank</u> as of March 31, 1976:	
Check # 116 - Fannin Printing	<u>-155.40</u>
	\$ 991.78
<u>Dues Deposits not recorded</u> on March 31, 1976 statement	
Check Book Balance, April 7, 1976	<u>13.00</u> \$1,004.78



LETTER FROM B.J. MYERS TO T.G. MEADE

---

National Institutes of Health  
Division of Research Grants  
Westwood Bldg Room 319  
Bethesda Maryland 20014

Dr Thomas Meade  
Secretary Treasurer Southwestern  
Association of Parasitologists  
Department of Biology  
Sam Houston State College  
Huntsville Texas 77340

Dear Tom,

A bit tardy in expressing my sincere appreciation to the Southwestern Association of Parasitologists for the honor bestowed upon me by the association at the Lake Texoma Meeting last April. The certificate is one of my most cherished possessions and indeed I shall miss the meetings. I will try to attend whenever possible. The association has meant so much to me and indeed I feel unworthy of the honor as without members we could not have an organization and this has been the strength of the association. I recall with fond memories our struggling years and the splendid cooperation of all members when we started from zero budget and membership.

Please express my sincere appreciation to the membership at your annual meeting at Lake Texoma and the welcome is always out to all members who come to the DC area. . .

Have a good meeting and keep me informed of your activities.

Best personal regards to everyone.

Sincerely yours,

Betty June Myers, PhD  
Health Science Administrator  
Division of Research Grants

LETTER FROM T.G. MEADE TO R. LUMSDEN

---

November 2, 1976

Dr. Richard Lumsden  
President, Southwestern  
Association Parasitologists  
Department of Biology  
Tulane University  
New Orleans, La. 70118

Dear Dick,

I am in receipt of the Nominating Committee's slate of officers. I assume that these potential candidates have not yet been contacted as to their willingness to serve. I would appreciate you letting me know when they have so agreed and I will proceed with printing of the ballot.

At various times during the past few months, I have had correspondence with the AIBS and its legal advisor as to the tax status of SWAP. It appears that our application as a tax-exempt scientific organization must first be preceded by incorporation. The entire process is involved and may cost SWAP in legal fees. You, Calvin Beames and I will need to get together at Texoma and prepare some kind of recommendation for the business meeting (e.g., the state in which to seek incorporation). However, unless a specific provision for associated or affiliate members is in ASP's original tax exemption, this route cannot be taken. Further, Don Moore informs me that the kind of tax exemption which ASP presently uses, may have to be changed. It may simply mean that incorporation for SWAP is the only solution.

Let me know when the slate of officers have all agreed to be candidates.

Sincerely,

Thomas G. Meade  
Secretary-Treasurer

LETTER TO T.G. MEADE FROM R. LUMSDEN

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TULANE UNIVERSITY  
*The Graduate School*  
NEW ORLEANS 70118

Office of the Dean

(504) 865-4581

November 23, 1976

Dr. Thomas Meade  
Department of Biology  
Sam Houston State University  
Huntsville, Texas

Dear Tom:

All nominees for the 1977 S.W.A.P. ballot have accepted: Calvin Beames and Ben Harris for Vice-President, and Dave Becker and Horace Bailey for Secretary-Treasurer.

I would like to advise the membership of a proposed amendment to our Constitution, that I intend to present at the 1977 meeting. I don't have a copy of the Constitution before me, so I can't cite the Article/paragraph reference, but it would amend that dealing with the appointment of our representative to ASP. Specifically, I would propose that this be an elected position rather than appointed by the President as is presently the case, and that the candidate would serve a one-year term. If the amendment passes, the Nominating Committee would be instructed to propose candidates for the 1978 ballot. Our current appointed representative, or a new appointee of incoming President Seed as would be his pleasure under our present Constitution, would serve for 1977/78.

In the interest of time, would you prepare an announcement to this effect and include it with your December mailing.

Thanks and all best wishes.

Sincerely,

Richard D. Lumsden  
Dean

TENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      21-23 April 1977

PROGRAM

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Friday, 22 April 1977

- A.D. Keppel and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Growth of selected trypanosomatidae on blood agar plates."
- R.E. Ingham and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Effects of host size, sex and habitat on endohelminth populations in *Micropterus salmoides*."
- H.T. Underwood, Texas A&M University, College Station, TX, "Studies on the molluscan intermediate hosts for the species of *Haematoloechus* Looss, 1899, (Digenea: Plagiorchiidae) from raniid frogs of Brazos County, Texas."
- S. Schneider and D. Huffman, Southwest Texas State University, San Marcos, TX, "Factors influencing the abundance of *Diplostomulum scheuringi* in *Gambusia affinis*."
- S. Schneider and D.W. Tuff, Southwest Texas State University, San Marcos, TX, "A comparison of the helminths of *Gambusia affinis* from an open water system and a man-made pond."
- M.G. Shaw and A. Kocan, Oklahoma State University, Stillwater, OK, "Incidence of some selected parasitisms in waterfowl migrating and wintering in Oklahoma."
- E.V. Guidry and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Taxonomic evaluation of the *Ochetosoma aniarum* complex (Digenea: Ochetosomatidae) from watersnakes (*Natrix* spp.) of Southeast Texas."
- N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Unusual morphological variation in an Ochetosome population (Digenea: Ochetosomatidae) from a hognose snake in Texas."
- H.K. Cheruiyot and H.E. Jordan, Oklahoma State University, Stillwater, OK, "Prevalence and distribution of *Fasciola hepatica* in native Oklahoma cattle."
- R.W. Philips and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "*Henneguya* sp. from the Mexican tetra, *Astyanax fasciatus*."
- D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Application of computer generated 'meristograms' to the taxonomy and geographic variation of *Pomphorhynchus* (Acanthocephala) in North America."
- W.M. Kemp, S.C. Merritt and J.G. Rosier, Texas A&M University, College Station, TX, "Studies of membrane modulation on adult *Schistosoma mansoni*."
- J.H. Miller, P.K. Shaw, K.W. Walls and A.W. Nichols, Louisiana State University Medical Center, New Orleans, LA, "*Trypanosoma cruzi* antibody among the Papago Indians of Arizona."
- D. Russell and G.A. Castro, University of Texas Medical School, Houston, TX, "Intestinal pathophysiology associated with rejection of an enteric parasite in immunized and non-immunized hosts."

- D.W. Duszynski, G.A. Castro and S.A. Roy, The University of New Mexico, Albuquerque, NM, and University of Texas Medical School, Houston, TX, "Altered immunity to *Trichinella spiralis* in rats infected with the intracellular protozoan, *Eimeria nieschulzi*."
- R.O. McCracken, Texas A&M University, College Station, TX, "The anthelmintic activity of mebendazole against *Trichinella spiralis* in mice."
- J.A. Moore, R.E. Kuntz, B. McCullough and T.C. Huang, Southwest Foundation for Research and Education, San Antonio, TX, "Comparative biology of *Schistosoma intercalatum* in the chimpanzee (*Pan*) and gibbon (*Hylobates*)."
- H.E. Laubach, A.A. Kocan, K.E. Sartain and H.E. Jordan, Oklahoma State University, Stillwater, OK, "Changes in the levels of lung phospholipase B levels induced by pneumonic bacterial and nematode infections in specific pathogen-free rats."
- K.E. Sartain, A.A. Kocan and H.E. Laubach, Oklahoma State University, Stillwater, OK, "The influence of selected helminth infections on phospholipase B activity in the upper duodenum of the canine."
- P.W. Pappas, Ohio State University, Columbus, OH, "Chloride-sensitive glucose transport in *Hymenolepis diminuta*."
- R.D. Love and G.L. Uglem, University of Kentucky, Lexington, KY, "Estimation of the coupling coefficient for glucose and sodium transport in *Hymenolepis diminuta*."
- M.J. Donahue and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Permeability coefficients as a means of determining ion selectivity in the basal lamella of *Ascaris suum*."
- G. Needham and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Calcium regulation of the salivary fluid secretion in the Lone Star tick, *Amblyomma americanum* (L.)."
- H. McMullen and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Preliminary studies of phosphodiesterase in the salivary glands of the Lone Star tick, *Amblyomma americanum* (L.)."
- J.R. Sauer and C. King, Oklahoma State University, Stillwater, OK, "Cyclic nucleotides and control of salivary fluid secretion in the Lone Star tick."
- H.L. Asch and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Evidence for intra-vesicular localization of the 'penetration' proteases of *Schistosoma mansoni* cercariae."
- B.D. Hansen, Ohio State University, Columbus, OH, "Purine transport in erythrocytes infected with *Plasmodium berghei*."

**Saturday, 23 April 1977**

- J.E. Hall and J.R. Seed, Texas A&M University, College Station, TX, "Trypanosome tryptophan metabolism: *In vitro* quantification of indole-3-ethanol."
- B. Suskind and L.G. Warren, Louisiana State University Medical Center, New Orleans, LA, "*Entamoeba histolytica*: Regulation of glucose catabolism."
- G.L. Stewart and F.M. Fisher, Jr., University of Texas, Arlington, and Rice University, Houston, TX, "Alterations in blood chemistry in mice infected with *Trichinella spiralis*."

- R.P. Wyeth and D.W. Fredricksen, Tulane University, New Orleans, LA, "Muscle ultrastructure and neuromuscular relationships as a model system in the trypanorhynchid cestode pleurocercus *Callitetrarhynchus* sp."
- J.G. Rosier and W.M. Kemp, Texas A&M University, College Station, TX, "Scanning and transmission electron microscopy of the teguments of *Schistosoma mansoni*, *S. haematobium*, and *S. japonicum*."
- R.D. Specian and R.D. Lumsden, Tulane University, New Orleans, LA, "Histochemical and autoradiographic studies on the rostellum of *Hymenolepis diminuta*."
- W.L. Current, University of Nebraska, Lincoln, NE, "*Cryptobia helicus*: Ultrastructure in the snail host."
- EM. Gress and R.D. Lumsden, Tulane University, New Orleans, LA, "*Schistosoma mansoni*: Miracidial body surface fine structure and ultrastructural changes during sporocyst transformation."

### Poster Presentations

- M.S. Bogucki and J.R. Seed, Texas A&M University, College Station, TX, "The surface orientation of parasite-bound heterospecific antibody."
- L.L. Schroeder and P.W. Pappas, Ohio State University, Columbus, OH, "Surface pathology of the bile duct and small intestine of mice infected with *Hymenolepis microstoma* using scanning electron microscopy."
- W.J. Landsperger and B.G. Harris, North Texas State University, Denton, TX, "Kinetic studies on the malic enzyme of *Ascaris suum*."
- W. Bosworth, A. Ewert, S. El-Bihari, W. Barbee and C. Anderson, University of Texas, Galveston, TX, "Experimental filariasis."
- A.A. Marchiondo, The University of New Mexico, Albuquerque, NM, "The use of electron microscopy techniques for light microscopy studies of coccidian oocysts."
- W.M. Kemp, S.C. Merritt, M.S. Bogucki, J.E. Rosier and J.R. Seed, Texas A&M University, College Station, TX, "Evidence for the adsorption of heterospecific antibody of the tegument of adult *Schistosoma mansoni*."

**MINUTES OF THE 10<sup>TH</sup> ANNUAL SWAP MEETING, 1977,  
Submitted by David A. Becker, Secretary-Treasurer**

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Tenth Annual Meeting  
Southwestern Association of Parasitologists  
University of Oklahoma Biological Station  
Lake Texoma  
April 21-23, 1977

The tenth Annual Meeting of the Southwestern Association of Parasitologists (SWAP) was convened by President Richard D. Lumsden at Lake Texoma, April 21-23, 1977. There were 103 in attendance, and 41 papers were presented plus poster presentations.

Officers for the year:

Richard D. Lumsden - President  
Calvin G. Beames, Jr. - Vice-President  
Thomas G. Meade - Secretary-Treasurer

The minutes of the ninth annual meeting and the Treasurer's report were presented by Secretary-Treasurer Meade and approved by the members present.

The Auditing Committee's report (attached) was read by Chairman Janovy.

The SWAP representative to the Council of the American Society of Parasitologists (ASP), Dr. Kemp, reported (attached) the Council's deliberations held at San Antonio, Texas, in August, 1976. Dr. Sogandares supplemented Dr. Kemp's report by discussing the certification in parasitology and laboratory specimen standardization procedures. Dr. Moore and Dr. Page revealed Council deliberations centering around the costs for the "Journal of Parasitology."

The Nominating and Teller's Committee report was made by Chairman Sogandares. He announced the officers for SWAP elected for 1977-1978 as follows: President, Dr. Seed; Vice-President, Dr. Beames; and Secretary-Treasurer, Dr. Becker (3-year term).

The Resolutions Report was given by Chairman Bailey.

Dr. Self asked the membership to join him in expressing gratitude to Dr. Kemp for his service as SWAP representative to the Council of ASP.

President Lumsden suggested that the SWAP Constitution be amended to indicate that the SWAP representative to the Council of ASP be elected by the membership of SWAP.

Dr. Sogandares moved and Dr. Moore seconded the motion that Article V Section 4 of the Constitution of SWAP be amended to read: "Representatives to other scientific organizations be elected by the membership of SWAP." A discussion ensued concerning the fact that Article IV Section I of the Constitution of SWAP would then have to be amended to read: "The officers of the Association shall be President, Vice-President, Secretary-Treasurer, and Representative to the Council of

the American Society of Parasitologists." Dr. Sogandares moved to amend the motion (seconded by Dr. Russell) that this be implemented. A discussion followed centering around the length of the term of office for the SWAP representative to the Council of ASP. Dr. Moore moved and Dr. Sogandares seconded a substitute motion that Article V Section 4 of the Constitution of SWAP read: "The President shall appoint any ad hoc committees which he/she or the Executive Committee deem necessary, and representatives to other scientific organizations. The term of office for the Associations's representative to the Council of the American Society of Parasitologists shall be one year, with one person elected to no more than two additional one-year terms of office." The substitute motion passed by a show of hands (30 yes, 9 no).

President Lumsden reported the status of SWAP with the U.S. Internal Revenue Service concerning the filing of a tax exemption certificate and the considerations of incorporation. Dr. Warren moved and Dr. Sogandares seconded a motion that the new Secretary-Treasurer file for tax exemption for SWAP and seek legal assistance to investigate incorporation for SWAP. The motion passed unanimously.

Dr. Sogandares moved and Dr. Kemp seconded a motion that the tabled motion made by Dr. Sogandares during the 1976 business meeting be removed from the table. The motion passed. This tabled motion stipulated that representative of affiliate organizations to ASP remain as non-voting members. Dr. Self discussed the rationale for his motion to table last year, and supported Dr. Sogandares motion. Dr. Kemp also concurred with the motion. A resolution was then made to be forwarded to the Council of ASP: Be it resolved that SWAP goes on record along with the officers of ASP who recommend that affiliate representatives to the Council of ASP not have voting privileges on the Council of ASP. The resolution passed by voice vote.

Dr. Kemp discussed the proposal of regional representation to the Council of ASP, asking SWAP for a number vote to be transmitted by Dr. Kemp to the Council of ASP. Dr. Sogandares moved and Dr. Page seconded the resolution: Be it resolved that SWAP goes on record to oppose the selection of members for the Council of ASP on a geographic basis. A lengthy discussion followed, with many members contributing constructive and pertinent information concerning the principles and implementations of the question. The resolution passed by a show of hands (27 yes, 12 no).

Dr. Fisher announced the availability of the commemorative book prepared as a memorial to Dr. Read.

Dr. Lumsden recognized Dr. Seed as the new President of SWAP. Dr. Seed then asked that student representatives be named to offices in SWAP in accordance with the Constitution of SWAP. He named Harold Underwood to be the new student President.

The meeting adjourned at 9:30 p.m.



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SECRETARY-TREASURER'S REPORT TO THE 10<sup>TH</sup> ANNUAL SWAP MEETING, 1977

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Tenth Annual Meeting  
Lake Texoma, Oklahoma  
April 21-23, 1977

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance on hand as of April 12, 1977	\$1,038.63
Balance on hand at close of last financial report, April 7, 1976	1,004.78

Deposits:

Dues deposits May 3, 1976-April 12, 1977	<u>451.00</u>
	\$1,455.78

Disbursements:

Check # 118 - Gilbert Castro plaque cost	\$ 16.49	
# 119 - U. Texas - certificate cost	36.15	
# 120 - U.O.B.S. - meeting costs	118.00	
# 121 - S.H.S.U. - mailing labels	3.60	
# 122 - Key Print Shop - notices-envelopes	38.27	
# 123 - Stamps - mailing dues	42.90	
# 124 - Stamps - Call for Papers	37.40	
# 125 - S.H.S.U. - printing ballot	45.40	
	\$338.21	
		<u>-338.21</u>

Bank Balance as shown on final statement March 31, 1977	\$1,117.57
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Disbursements not paid by bank as of March 31, 1977:

Check # 126 - Calvin Beames - postage	\$78.50	
# 127 - O.S.U. - envelopes	10.44	
	\$88.94	
		<u>-88.94</u>
		\$1,028.63

<u>Dues Deposits not recorded</u> on March 31, 1977 statement	<u>10.00</u>
Check Book Balance, April 12, 1977	\$1,038.63

**PROPOSED SWAP CONSTITUTIONAL AMENDMENT,  
Presented by R. D. Lumsden**

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Southwestern Association of Parasitologists  
Proposed Constitutional Amendment

The following constitutional amendment was proposed at the annual meeting, Lake Texoma, Oklahoma, April 21-23, 1977.

Present Article V Section 4:

The President shall appoint any ad hoc committees which he or the Executive Committee deem necessary and representatives to other scientific organizations.

Proposed Amendment:

The President shall appoint any ad hoc committees which he or the Executive Committee deem necessary. Representatives to other scientific organizations shall be elected to a one-year term by the membership.

LETTER FROM J. R. SEED TO D.A. BECKER

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TEXAS A&M UNIVERSITY  
COLLEGE OF SCIENCE  
COLLEGE STATION, TEXAS 77843

Department of Biology

May 26, 1977

Dr. David A. Becker  
Secretary-Treasurer, SWAP  
Department of Zoology  
632 Science Engineering Building  
Fayetteville, Arkansas 72701

Dear David:

I would like to ask you to serve as Chairman of an ad hoc committee for revision of the constitution of SWAP. I would also appreciate it if you would select the other members of the committee with whom you would like to work (Drs. Sogandares and Moore would be fine). My reason for wishing to do this, is that I find the present constitution very difficult to read if the amendments which appeared at the last business meeting are incorporated directly into it. I have enclosed a copy of the constitution in which I have made the necessary revisions. I believe that they completely fulfill the intent of the approved amendments. It is, however, forwarded to you as a working copy only.

Thank you for agreeing to serve in this capacity.

Sincerely,

J. R. Seed

cc: Mr. H. Underwood  
Student President, SWAP

**LETTER FROM H.T. UNDERWOOD TO THE SWAP MEMBERSHIP**

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Harold T. Underwood  
Department of Biology  
Texas A&M University  
College Station, Texas 77843

Dear SWAP member:

As Student President of SWAP I have formed a committee of student members to develop a symposium to be presented at the next meetings at Lake Texoma. The symposium will deal with the relationship between the biochemical (physiology, immunology) and ecological (population dynamics) aspects of parasitology.

Your suggestions and comments will be very helpful. Please enclose the lower portion of this page with your response. Your prompt reply will be greatly appreciated.

Sincerely,

Harold T. Underwood  
Student President, SWAP

What system (i.e. parasites) do you think will best fit the purpose of the symposium?

Your major area of research interest?

# **SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS**

## **ANNUAL MEETING**

University of Oklahoma Biological Station  
Lake Texoma, Kingston, Oklahoma

July 5, 1977

Dr. Donald V. Moore  
Department of Microbiology  
Southwestern Medical School  
Dallas, Texas 75235

Dear Dr. Moore:

At their annual meeting on April 21-23, 1977, the attending membership of the Southwestern Association of Parasitologists passed the following resolutions which you are requested to submit to the Council of the American Society of Parasitologists at their annual meeting at Las Vegas, Nevada in August, 1977:

1. Be it resolved that the Southwestern Association of Parasitologists goes on record along with the officers of the American Society of Parasitologists who recommend that affiliate representatives to the Council of the American Society of Parasitologists not have voting privileges on the Council of the American Society of Parasitologists.
2. Be it resolved that the Southwestern Association of Parasitologists goes on record to oppose the selection of members for the Council of the American Society of Parasitologists on a geographic basis.

Thank you for your cooperating in this matter.

Sincerely,

David A. Becker, Ph.D.  
Secretary-Treasurer, SWAP  
Department of Zoology  
The University of Arkansas  
Fayetteville, AR 72701

ELEVENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      20-22 April 1978

PROGRAM

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**Friday, 21 April 1978**

- R.D. Specian and R.D. Lumsden, Tulane University, New Orleans, LA, "A possible alternative muscle modulator in cestodes."
- G.F. Kutish, A. Schuster and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "The biology of *Gregarina* sp. in three Nebraska grasshopper species."
- M.N. Leida and O.E. Maughan, Oklahoma State University, Stillwater, OK, "Electron microscope study of *Pleistophora ovariae* in mosquito cell culture."
- M.B. Kotrla, Trinity University, San Antonio, TX, "Ultrastructural studies of cystogenous coat development in *Philophthalmus gralli* cercariae."
- B.J. Arnold and W.M. Kemp, Texas A&M University, College Station, TX, "The tegument of adult *Schistosoma mansoni*: Electron microscopic visualization of cell surface material."
- A. Scarborough, Louisiana State University, Baton Rouge, LA, "Microsporidian parasites before and after extrusion through spore tubes."
- C.V. Munford and P.W. Pappas, Ohio State University, Columbus, OH, "Acute murine toxoplasmosis: Effects of biochemical constituents of host organs."
- H.L. Asch and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Proteolytic activity from *Schistosoma mansoni* ova."
- M.H. Dresden, Baylor University Medical Center, Houston, TX, "The acidic protease of *Schistosoma mansoni* adults."
- Y.K. Ip and E.M. Fisher, Jr., Rice University, Houston, TX, "Cyclitols in *Hymenolepis diminuta*."
- P.W. Pappas, Ohio State University, Columbus, OH, "Tryptic and protease activities in the normal and *Hymenolepis diminuta*-infected rat small intestine."
- G.R. Needham and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Stimulus-secretion coupling in ixodid tick salivary glands."
- G.A. Castro, J. Hessel and G. Whalen, University of Texas Medical School, Houston, TX, "Intestinal secretion associated with immune response to *Trichinella spiralis*."
- H. Tannahill and R. Coppedge, Pan American University, Edinburg, and USDA Screwworm Eradication Program, Mission, TX, "Development of an adult suppression system for control of the screwworm fly *Cochliomyia hominivorax* (Coquerel)."
- C.E. Hopla, University of Oklahoma, Norman, OK, "Fleas and tularemia organisms."
- E. Weidner, Louisiana State University, Baton Rouge, LA, "Transmission of *Glugea stephani* infections in winter flounder, *Pseudopleuronectes americanus*."

- R.E. Kuntz, T.C. Huang and J.A. Moore, Southwest Foundation for Research and Education, San Antonio, TX, "Distribution of eggs and lesions in nonhuman primates infected with *Schistosoma haematobium*."
- J.E. Burkholder and T.C. Allison, Pan American University, Edinburg, TX, "Preliminary assessment of occurrence of *Trypanosoma cruzi* (Chagas) among vectors, reservoirs, and humans in the Rio Grande Valley of Texas."
- L.A. Rubec and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Seasonal variation of two species of monogeneans on channel catfish in the Little Brazos River, Texas."
- E.D. Box and D.W. Duszynski, University of Texas Medical Branch, Galveston, TX, and The University of New Mexico, Albuquerque, NM, "Experimental transmission of *Sarcocystis* from icterid birds to sparrows and canaries by sporocysts from the opossum."
- U. Gonzalez and T.C. Allison, Pan American University, Edinburg, TX, "Preliminary results on the female to male ratios (FMR) in nematodes parasitizing *Perognathus hispidus* and *Liomys irroratus*, (Rodentia, Heteromyidae), from South Texas."
- G. Bullick and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Ecological factors involved in survival of *Parastrongylus costaricensis* free-living larvae."
- S. Schneider and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "An apparent case of competitive interaction between four species of strigeoid trematodes in the eye of *Gambusia affinis*."
- J.J. Reddington and G.L. Stewart, University of Texas, Arlington, TX, "Mouse trichinosis: The effects of host sex and crowding of the host on parasite success."
- N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Utilization of the trophic structure of pond ecosystems by frog helminths."
- G.J. Kubat, H.E. Jordan and J.T. Homer, Oklahoma State University, Stillwater, OK, "Changes in serum protein levels during course of treatment for clinical canine demodecosis."
- J.Y. Niederkorn and J.A. Shaddock, University of Texas Southwestern Medical Center, Dallas, TX, "Phagocytosis of *Encephalitozoon cuniculi* (Protozoa: Microsporida) by rabbit mononuclear peritoneal cells."

#### **Saturday, 22 April 1978**

- F. Sogandares-Bernal and M. Voge, Southern Methodist University, Dallas, and Baylor University Medical Center, Houston, TX, and University of California, Los Angeles, CA, "Studies of enhancing phenomena in parasitism. I. Immunoglobulins on the surfaces of tetrathyridia of *Mesocestoides* (Cestoda) from laboratory infections of ICR mice."
- R.J. Kosinski, Texas A&M University, College Station, TX, "A computer model of antigenic variation in trypanosomes."
- S.C. Merritt, M.S. Bogucki and J.R. Seed, Texas A&M University, College Station, TX, "Antigenic modulation of the variant specific antigen of *Trypanosoma brucei gambiense*."

T.P. Yoshino, University of Oklahoma, Norman, OK, "Mimicry of snail host antigens by miracidia of *Schistosoma mansoni*."

R.E. Miller and W.M. Kemp, Texas A&M University, College Station, TX, "The binding and loss of labeled lectin from the tegument of *Schistosoma mansoni*."

W.M. Kemp, R.E. Miller and M.S. Bogucki, Texas A&M University, College Station, TX, "Evidence for mimicked molluscan antigen associated with adult *Schistosoma mansoni*."

### **Poster Presentations**

J.T. Self, University of Oklahoma, Norman, OK, "The phylogeny, life cycles and host relations of the pentastomida."

B.A. Nagy, S.K. File and J.H. Smith, University of Texas Medical Branch, Galveston, TX, "Changes in the enteric vasculature of mice infected with *Schistosoma mansoni*."

H.R. Gamble and P.W. Pappas, Ohio State University, Columbus, OH, "Scanning electron microscopy of the surface of *Hymenolepis microstoma*, the mouse bile duct tapeworm."

E.C. Rowland and J.R. Seed, Texas A&M University, College Station, TX, "The effect of *Trypanosoma brucei gambiense* infection on resistance to Ehrlich tumor growth in *Microtus*."



**MINUTES OF THE 11<sup>TH</sup> ANNUAL SWAP MEETING, 1978,**  
**Submitted by David A. Becker, Secretary-Treasurer**

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Eleventh Annual Meeting  
Southwestern Association of Parasitologists  
University of Oklahoma Biological Station Lake Texoma  
April 20-22, 1978

The eleventh Annual Meeting of the Southwestern Association of Parasitologists (SWAP) was convened by President John Richard Seed. There were 133 in attendance, of which 121 were registered. There were 33 papers and four poster presentations.

Officers for the year:

John R. Seed - President  
Calvin G. Beames, Jr. - Vice-President  
David A. Becker - Secretary-Treasurer

The minutes of the tenth annual meeting were approved as read.

The Secretary-Treasurer's Financial Report and Report on Membership (attached) were approved as presented. A list of membership dues in arrears was made available. An appeal was made for the solicitation of new members.

The Auditing Committee's Report (attached) was read by Chairman Dronen who confirmed that the Secretary-Treasurer's Financial Report was in order.

Dr. Kemp presented the Report of the American Society of Parasitologists (ASP) Council to SWAP (attached). Dr. Sogandares added that Dr. Donald V. Moore was presented a special award by the council and membership of ASP in recognition of his efforts during his 12-year service as Secretary-Treasurer of ASP. In light of this announcement, the membership of SWAP added its endorsement to this award. Dr. Don Moore corrected Dr. Kemp's report to indicate that the endowment fund is not reserved, but is available for deserving activity only after recommendation for council's approval. Dr. Don Moore further corrected Dr. Kemp's report in that ICOPA IV has been making arrangements for travel to the Warsaw meeting. The corrected report was then accepted.

Dr. Sogandares moved and Dr. Don Moore seconded the notion that Dr. Kemp be thanked for his years of service as SWAP representative to ASP council. The motion was unanimously approved.

The Nominating Committee's Report (attached) was presented by Chairman Janovy to indicate the following SWAP officers elected for 1978-1979:

Calvin G. Beames, Jr. - President  
Donald W. Duszynski - Vice-President  
David A. Becker - Secretary-Treasurer  
David G. Huffman - SWAP Representative to ASP Council

The Resolutions Committee's Report (attached) was presented by Chairman Pappas and accepted.

Secretary-Treasurer Becker reported on the status of the possible incorporation of SWAP and the application for tax exempt status. He announced that on the advice of a former Internal Revenue Service (IRS) agent, perhaps incorporation was not necessary prior to filing for tax exemption for SWAP, and that said filing had been consummated with IRS. Dr. Sogandares asked for applause for Dr. Becker's efforts in this matter.

President Seed expressed his appreciation to the various committees of SWAP for their various services.

Dr. Sogandares moved and Dr. Kemp seconded the motion that the SWAP representative to ASP council ask said council to request NSF to establish a parasitology Program. The discussion centered around remarks by Dr. Don Moore that there was a new person in charge of Public Responsibility who could recognize and perhaps implement these procedures immediately. Dr. Sogandares indicated that the request would carry more weight if the affiliated societies request ASP council to make their desires known to NSF. Dr. Sogandares further suggested that the SWAP representative to ASP council request that the affiliated associations ask ASP council to consider this matter. The motion passed unanimously.

Dr. Harris revealed that parasitologists can now request that NSF place them on the proposal review board for studies of parasitological nature.

President Seed turned over the gavel to the new president, Dr. Beams, who recognized the personnel of Oklahoma State University who aided him in publishing the annual meeting program for the past two years.

The meeting adjourned at 8:10 p.m.

## SECRETARY-TREASURER'S REPORT TO THE 11<sup>TH</sup> ANNUAL SWAP MEETING, 1978

SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Eleventh Annual Meeting  
Lake Texoma, Oklahoma  
April 20-22, 1978

### SECRETARY-TREASURER'S FINANCIAL REPORT

Transfer of funds to new Secretary-Treasurer (Becker), \$1,040.63  
May 3, 1977

#### Deposits:

Dues deposits May 11, 1977 - April 1, 1978  
(102 regular and 51 student memberships paid) 510.50  
\$1,551.13

#### Disbursements:

Check # 101 - Okla. St. Univ. (poster boards)	\$ 7.20
# 102 - Okla. St. Univ. (program printing)	140.86
# 103 - Kwick Kopy (address labels)	13.29
# 104 - Postmaster (stamps)	13.00
# 105 - Univ. Ark. (membership form A letter)	1.85
# 106 - McRoy & McNair (stamps, envelopes & dues notice)	66.08
# 107 - Postmaster (stamps)	26.00
# 108 - Postmaster (postage)	2.85
# 109 - C. G. Beames (postage, Call for Papers)	60.90
# 110 - Physiol. Sci., Okla. St. Univ. (materials, Call for Papers)	<u>67.36</u>
	\$399.39

#### Bank Disbursements:

Check printing	3.75
Check printing	<u>3.00</u>
	\$ 6.75

#### Total Disbursements:

\$406.14

Bank balance as shown on final statement 3-31-78

-406.14  
\$1,144.99

#### Disbursements not paid by bank as of 3-31-78

Check #111 - Dept. Elect. Eng., U of A (copying tax form)	\$ 2.80
# 112 - C. G. Beames (postage for programs)	124.44
# 113 - Physiol. Sci., Okla. St. Univ. (envelopes and postage)	<u>22.23</u>
	\$149.47

Check book balance, April 3, 1978

-149.A7  
\$ 995.52

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SECRETARY-TREASURER'S REPORT ON MEMBERSHIP AT THE 11<sup>TH</sup> ANNUAL SWAP MEETING

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SWAP  
Secretary-Treasurer's Report on Membership  
April 1978

Regular paid:	99 members @ \$4 each =	\$396
Student paid:	32 members @ \$2 each =	64
New regular paid:	3 members @ \$4 each =	12
New student paid:	19 members @ \$2 each =	<u>38</u>
Membership dues paid 1978		\$510

Regular unpaid:	23 members @ \$4 each =	\$ 92
Student unpaid:	22 members @ \$2 each =	<u>44</u>
Membership unpaid dues 1978		\$136

**REPORT OF THE ASP COUNCIL MEETING AT THE 11<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by W. M. Kemp**

---

Report of the American Society of Parasitologists Council  
to the Southwestern Association of Parasitologists

The Council met at 1:30 PM on August 14, 1977 in Las Vegas, Nevada. The following matters were discussed.

- 1) The official position of Archivist was established with the recommendation "that the president appoint (with the approval of at least 2/3 of Council)" the Archivist to serve a 5-year renewable term.
- 2) Dr. Justus F. Mueller & Dr. Raymond M. Cable, both charter members of ASP, were elected to Emeritus membership in the Society & the Honorable Miriam Rothschild were recommended for honorary membership.
- 3) Business Advisory Committee recommendations:
  - a) Increase in Journal subscription rate by \$5, beginning in 1978.
  - b) Reduction in press run of the Journal from 3900 to 3700.
  - c) Council passed a recommendation that beginning January 1, 1978, 75% of the income from the Endowment Fund be reserved for "deserving activities of long-term value & interest to the Society to be determined by the ad hoc committee on the Endowment Fund."
- 4) Dr. Francis Kruidenier, chairperson of the ad hoc committee on the World Federation of Parasitologists, submitted a revised constitution of the WFP which was approved in principal by Council. The document will be considered for adoption by the 4th International Congress of Parasitology which meets in Warsaw, Poland in August, 1978.
- 5) An ad hoc committee on travel to ICOPA IV has provided economical travel to the Warsaw meeting. Information pertaining to travel arrangements have been published in the Journal.
- 6) The Editor Search Committee recommended the establishment of the position of Editor-in-Chief and the creation of five sectional editors. The committee is continuing its deliberations.
- 7) An ad hoc Committee appointed by President Ulmer to consider the ASP Charter and By-Laws suggested several modifications. These modifications are currently under study.
- 8) The ad hoc committee on Communication between Council & Membership submitted its report of the poll conducted with the affiliate Societies concerning regional representation. The Committee was instructed by the President to prepare a final report and a formal

proposal for Council consideration at the Chicago meeting in November.

- 9) The following officers were elected:

President-Elect - A. Murray Fallis

Vice-President - Roy C. Anderson

Secretary-Treasurer - Clayton R. Page

Council Members - Sue Carlisle, Maurice D. Little

Nominating Committee - Donald Duszynski, Chairman; Murry Dailey,  
John Holmes, Kenneth Todd, Bernard Freid, Ronald Fayer (alternate)

- 10) Future Meeting Sites

1978 - Chicago - Joint meeting with American Society of Tropical  
Medicine & Hygiene

1979 - University of Minnesota Minneapolis

1980 - San Francisco

- 11) Recipient of the 1977 Henry Baldwin Ward Medal was Dr. Gilbert A.  
Castro.

## RESOLUTIONS FOR THE 11<sup>TH</sup> ANNUAL SWAP MEETING, 1978

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### RESOLUTION COMMITTEE

On behalf of the members of the Southwestern Association of Parasitologists, we extend sincere thanks to Dr. Calvin Beames, Vice-President of the Association, for taking on the primary responsibility of organizing this year's excellent program, and to Dr. David Becker, Secretary-Treasurer of the Association, for his excellent coordination of the many details associated with this year's meeting.

Many thanks to Dr. John Seed, who served as this year's President, for it was he who was ultimately responsible for making this year's meetings both successful and enjoyable.

Sincere appreciation is extended to Oklahoma University for the use of the O.U.B.S., and to Dr. and Mrs. Hill for their gracious hospitality. Mrs. Hill and the kitchen staff, again, prepared excellent meals.

And to the graduate students who served as co-chairpersons and projectionist, our special thanks for a job well done.

Peter W. Pappas

Earl Weidmer

TWELFTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      19-21 April 1979

PROGRAM

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**Friday, 20 April 1979**

- B.J. Arnold and W.M. Kemp, Texas A&M University, College Station, TX, "Detection and characterization of snail antigens cross-reacting with adult *Schistosoma mansoni*."
- S. Hurd and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Some notes on the biology and taxonomy of the fish helminths of the Little Blanco River."
- D.V. Moore, University of Texas Southwestern Medical School, Dallas, TX, "Problems associated with the diagnosis of cysticercosis."
- J. Caruso, A. Pena and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Studies on possible routes of infection of definitive hosts by *Parastrongylus costaricensis*."
- G.L. Stewart and J.J. Reddington, University of Texas, Arlington, TX, "Analysis of parasite success during concurrent infection of the rat with *Eimeria nieschulzi* and *Trichinella spiralis*."
- A.R. Di Nuzzo and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Preliminary studies on the ecology of the endohelminths of freshwater turtles from South-Central Texas."
- G.F. Kutish and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "*In vitro* alteration of intracellular digestion capacity in peritoneal macrophages infected with *Leishmania donovani*."
- R.H. Fuchs and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Autoradiographic studies of protein synthesis in trypanosomatid-infected hamster macrophages."
- J.K. Moore, The University of New Mexico, Albuquerque, NM, "Asexual reproduction in the cestode family Taeniidae: An ecological perspective."
- H.L. McMullen, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Calcium-dependent regulators of cyclic AMP dependent phosphodiesterase and fluid secretion in an ixodid tick."
- M. Barham, Stephen F. Austin State University, Nacogdoches, TX, "Ultrastructure of the attachment organelle of *Gregarina* sp. in *Tenebrio molitor* larvae."
- A.B. Dembinski, L.R. Johnson and G.A. Castro, University of Texas Medical School, Houston, TX, "Influence of parasitism on secretin-inhibited gastric secretion."
- J.E. Hall and J.R. Seed, Texas A&M University, College Station, TX, "Trypanosome tryptophan metabolism. *In vitro* tryptophan catabolism by *Trypanosoma brucei gambiense*, *T. equiperdum*, *T. lewisi* and *T. musculi*."
- R.L. Olson, Jr. and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Parasite energy dynamics in aquatic systems."
- A.D. Keppel and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Transmission electron microscopy of trypanosomatid colonies grown on blood agar plates."



- D.W. Duszynski, M.A. Solangi and R.M. Overstreet, The University of New Mexico, Albuquerque, NM, and Gulf Coast Research Lab, Ocean Springs, MS, "A bizarre new eimerian from the liver of killifish *Fundulus* spp."
- J.A. Moore and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Preliminary studies on *Babesia microti* infection in non-human primates."
- J.M. Jay, Texas A&M University, College Station, TX, "*Dermosporidium* in toad skin."
- C. Malone and G.A. Castro, University of Texas Medical School, Houston, TX, "Systemic anti-inflammatory effect caused by the parasite *Trichinella spiralis*."
- D.K. Winsor, Jr., Angelo State University, San Angelo, TX, "Intestinal helminth parasites of the turkey vulture (*Cathartes aura*) from Tom Green and Irion Cos., Texas."
- J.E. Badley and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "The endohelminth fauna of willets, *Catoptrophorus semipalmatus* Gmelin 1789 (Charadriiformes: Scolopacidae) from Galveston, Texas."
- T.B. McGuinness and W.M. Kemp, Texas A&M University, College Station, TX, "Evidence for the binding of complement components to the tegumental surface of adult male *Schistosoma mansoni*."
- K.J. Donahue, N.Y. Yacoub, M.R. Kaeini and B.G. Harris, North Texas State University, Denton, TX, "Studies on the control of glycogen regulation in the muscle of *Ascaris suum*."
- B.L. Allen and B.G. Harris, North Texas State University, Denton, TX, "Purification and characterization of glycogen phosphorylase B from *Ascaris suum*."
- D.C. Ashley, University of Nebraska, Lincoln, NE, "Aspects of the population biology of *Leptorhynchoides thecatus* in four species of centrarchid fishes."
- R.J. Hassoun and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Multiple-discriminant analysis of two populations of *Ochetosoma elongatum* (Pratt 1903) Goodman 1952 from Eastern hognose snakes."

#### **Saturday, 21 April 1979**

- J.R. Seed and J.E. Hall, Texas A&M University, College Station, TX, "Trypanosome aromatic amino acid metabolism. Quantification of aromatic amino acid catabolites in body fluids of acute and chronic *Trypanosoma brucei gambiense* infections of laboratory rodents."
- S.C. Merritt, Texas A&M University, College Station, TX, "Isolation and cell-free translation of mRNA coding for a variant antigen of *Trypanosoma brucei gambiense*."
- J.S. Agorichas and W.M. Kemp, Texas A&M University, College Station, TX, "Evidence for snail-like antigens on the tegument of adult *Schistosoma mansoni*."
- W.J. Landsperger and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Studies on the purified proteinase from cercariae of *Schistosoma mansoni*."

- E.V. Guidry and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Intraspecific variation in an experimental population of *Ochetosoma aniarum* (Leidy 1890) (Digenea: Ochetosomatidae)."
- S. Schneider and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Some observations on the frequency distributions of *Diplostomulum schewringi* and larval *Spiroxys* sp. infecting female *Gambusia affinis*."

#### **Poster Presentations**

- D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Meristogram analysis and the importance of 'percent-position' in acanthocephalan taxonomy."
- D.E. Ritz and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Studies on the life cycle of a new species of *Capillaria*."
- J.M. Merz and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "The intracellular potential difference and Na<sup>+</sup> and K<sup>+</sup> activities of the intestinal epithelium from *Ascaris suum*."
- J. Lindholm and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "The snails of the spring-fed upper San Marcos river and their trematode parasites."

**MINUTES OF THE 12<sup>TH</sup> ANNUAL SWAP MEETING, 1979,**  
**Submitted by David A. Becker, Secretary-Treasurer**

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Twelfth Annual Meeting  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
University of Oklahoma Biological Station  
Lake Texoma  
April 19-21, 1979

The twelfth Annual Meeting of the Southwestern Association of Parasitologists (SWAP) was convened by President Calvin G. Beames, Jr. There were 124 in attendance, of which 99 were registered. There were 32 papers and four poster presentations.

The minutes of the eleventh annual meeting were approved as read.

The Secretary-Treasurer's Financial Report and Report on Membership (attached) were distributed to the members attending, who approved these reports.

The Auditing Committee's Report (attached) was read by Chairman Don Moore, who confirmed that the Secretary-Treasurer's Financial Report was in order.

Dr. David Huffman presented the Report of the American Society of Parasitologists (ASP) Council to SWAP (attached).

The Nominating Committee's Report (attached) was given by Chairman Gil Castro to indicate the following officers elected for 1979-1980:

Donald W. Duszynski	- President
W. Michael Kemp	- Vice President
David A. Becker	- Secretary-Treasurer
John Janovy, Jr.	- SWAP Representative to ASP Council

The Resolutions Committee Report (attached) was presented by Chairman George Stewart.

The gavel was passed to the new President, Dr. Duszynski, who adjourned the meeting at 7:50 p.m.

**SECRETARY-TREASURER'S REPORT TO THE 12<sup>TH</sup> ANNUAL SWAP MEETING, 1979**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Twelfth Annual Meeting  
Lake Texoma, Oklahoma  
April 19-21, 1979

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance April 1, 1978	\$1,144.99
<u>Receipts:</u>	
Dues deposits April 1, 1978-March 31, 1979	506.50
(105 regular and 43 student memberships paid)	<u>\$1,651.49</u>
<u>Disbursements:</u>	
Check #111 - Univ. of Ark. (copy tax form)	\$ 2.80
#112 - C. G. Beams, Jr. (postage)	124.44
#113 - Okla. State Univ. (envelopes & postage)	22.23
#114 - Okla. State Univ. (programs)	149.46
#115 - Kwick-Kopy (copy reports)	13.02
#116 - Loren G. Hill (refreshments)	131.75
#117 - McRoy & McNair (dues notice)	12.83
#118 - Univ. of Ark. (xerox)	1.96
#119 - Postmaster (stamps)	37.50
#120 - Kwick-Kopy (address labels)	12.40
#121 - Univ. of New Mexico (printing)	<u>20.50</u>
	\$528.89
<u>Total Disbursements:</u>	<u>-528.89</u>
Balance March 31, 1979 (as shown on final bank statement)	\$1,122.60

## SECRETARY-TREASURER'S REPORT ON MEMBERSHIP AT THE 12<sup>TH</sup> ANNUAL SWAP MEETING

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### SWAP Secretary-Treasurer's Report on Membership April 1979

Regular paid:	104 members @ \$4 each =	\$416
Student paid:	42 members @ \$2 each =	84
New regular paid:	1 member @ \$4 each =	4
New student paid:	1 member @ \$2 each =	2
Membership dues paid 1979		\$506

Regular unpaid:	31 members @ \$4 each =	\$124
Student unpaid:	47 members @ \$2 each =	94
Membership unpaid dues 1979		\$218

**RESOLUTIONS FOR THE 12<sup>TH</sup> ANNUAL SWAP MEETING, 1979,**  
**Submitted by George L. Stewart**

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RESOLUTION COMMITTEE

On behalf of the members of SWAP, we extend sincere thanks to Dr. Donald Duszynski, Vice-President of the Association, for taking on the primary responsibility of organizing this year's excellent program, and to Dr. David Becker, Secretary-Treasurer of the Association, for his excellent coordination of the many details associated with this year's meeting.

Many thanks to Dr. Calvin Beames, who served as this year's President, for it was he who was ultimately responsible for making this year's meetings both successful and enjoyable. We also extend our thanks to Dr. David Huffman, SWAP's representative to ASP, for a job well done.

Sincere appreciation is extended to Oklahoma University for the use of the OUBS, and to Dr. and Mrs. Hill for their gracious hospitality. Mrs. Hill and the kitchen staff, again, prepared very enjoyable meals.

And to the graduate students who served as co-chairpersons and projectionists, our special thanks for a job well done.

THIRTEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      17-19 April 1980

PROGRAM

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**Friday, 18 April 1980**

- T.P. Yoshino, University of Oklahoma, Norman, OK, "Concanavalin A-induced modulation of snail hemocyte surface membrane receptors."
- B.J. Arnold and W.M. Kemp, Texas A&M University, College Station, TX, "Isolation, identification, and characterization of a gastropod antigen common to *Schistosoma mansoni*."
- R.L. Tarleton and W.M. Kemp, Texas A&M University, College Station, TX, "Demonstration of IgG-Fc and C'3 receptors on adult male *Schistosoma mansoni*."
- G.F. Kutish and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "*In vitro* alteration of intracellular digestion capacity of peritoneal macrophages of *Leishmania donovani* excretion factor."
- R.H. Fuchs and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Autoradiographic studies of RNA synthesis in trypanosomatid-infected hamster macrophages."
- F. Kramer, G.L. Stewart, L. Charniga and M. Kramer, University of Texas, Arlington, TX, "The effects of host enteric response to infection with *Trichinella spiralis* on the rate of larva-position by adult worms."
- M. Kramer, G.L. Stewart and L. Charniga, University of Texas, Arlington, TX, "*Trichinella spiralis* and *T. pseudospiralis*: A comparative study."
- L. Charniga and G.L. Stewart, University of Texas, Arlington, TX, "The effects of host sex on host response to infection with *Trichinella spiralis*."
- J. Hessel, K. Ramaswamy and G.A. Castro, University of Texas Medical School, Houston, TX, "Reduced transport of B-methyl-D-glucoside by gut epithelium of rats associated with rapid, immune rejection of *Trichinella spiralis*."
- R. Huey and W.C. Marquardt, Texas A&M University, College Station, TX, and Colorado State University, Fort Collins, CO, "Immune specificity between *Eimeria nieschulzi* and *E. separata* (Protozoa, Apicomplexa) in the laboratory rat."
- M.L. Rutledge, D.C. Payne and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Proteases from *Schistosoma mansoni* adult worms and eggs."
- J.L. McSwain, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Proteins and protein phosphorylation in the salivary glands of the Lone Star tick."
- R.A. Masaracchia, B.A. de la Houssaye and M.J. Donahue, North Texas State University, Denton, TX, "Regulation of gluconeogenesis by cyclic AMP in *Ascaris suum* muscle."
- M.J. Donahue, N.J. Yacoub and B.G. Harris, North Texas State University, Denton, TX, "Interconversion of glycogen synthase and phosphorylase in perfused muscle-cuticle from *Ascaris suum*."

- B.L. Allen, M.R. Kaeini, J.A. Starling and B.G. Harris, North Texas State University, Denton, TX, "Studies on phosphofructokinase from *Ascaris suum*: Purification and kinetic properties."
- R.J. Gamble and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "The effect of certain benzimidazole compounds upon the electrical characteristics of the isolated intestine of *Ascaris suum*."
- B.R. Jones, Morehouse College, Atlanta, GA, "Three-dimensional surface topography ultrastructure and x-ray microanalysis of the cyst wall and tegument of the cysticercus of *Hydatigera taeniaeformis*."
- M. Hildreth, Tulane University, New Orleans, LA, "Ultrastructural studies on the plerocercus blastocyst of the trypanorhynchid cestode *Otobothrium* sp."
- A.M. Adams and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Preliminary observations on the parasite community of *Fundulus kansae*."
- J.K. Moore, The University of New Mexico, Albuquerque, NM, "Preferential predation by starlings on isopods harboring cystacanths of *Plagiorhynchus (Prosthorhynchus) formosus*."
- N.O. Dronen, Jr., H.T. Underwood and L.S. Rubec, Texas A&M University College Station, TX, "Seasonal fluctuations in the population density of *Alloglossidium corti* (Digenia: Macroderoidida) in channel catfish from the Little Brazos River, Texas."
- H.T. Underwood and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Endohelminths from fish of the San Marcos River."
- A.R. Di Nuzzo and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "The ecology of spirorchid blood fluke in the red-ear turtle (*Chrysemys scripta elegans* Wied) from Brazos County, Texas."
- M.E. McKenzie, Hendrix College, Conway, AR, "Overwintering helminths of the common mallard, *Anas platyrhynchos platyrhynchos*, in Arkansas."

### **Saturday, 19 April 1980**

- D.V. Moore, University of Texas Southwestern Medical School, Dallas, TX, "Primary amoebic meningoencephalitis in Texas."
- R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Definitive host-parasite relationship in sparganum infection."
- J.A. Moore and R.E. Kuntz, Southwest Foundation for Research and Education, San Antonio, TX, "Non-human primate susceptibility to *Babesia microti* and *Entopolypoides* sp."
- W.L. Goff and N.C. Ronald, Texas A&M University, College Station, TX, "Laboratory life cycle of *Heterobilharzia americana* Price 1929 (Trematoda: Schistosomatidae) with notes on comparative pathology."
- C.E. Hopla, D.M. Hopla and J.E. Loye, University of Oklahoma, Norman, OK, "The Siphonaptera associated with the cliff swallow in the Neartic."
- J.E. Loye, D.M. Hopla and C.E. Hopla, University of Oklahoma, Norman, OK, "The swallow bug (*Oeciacus vicarius*) in Oklahoma."



### Poster Presentations

- J.E. Ubelaker and C. Burden, Southern Methodist University, Dallas, TX, "Growth maturation of two strains of schistosomes, *S. mansoni* and *S. haematobium*."
- A.O. Black and A.A. Johnson, Hendrix College, Conway, AR, "Recent investigation of *Acuaria* (*Cheilospirura*) (Nematoda: Spirurata: Acuariidae) in the common grackle (*Quiscalus quiscula*) in Arkansas."
- S.J. Upton and C.S. Crawford, The University of New Mexico, Albuquerque, NM, "A new species of *Thelastoma* (Nematoda: Thelastomatidae) from the desert millipede, *Orthoporus ornatus* (Diplopoda: Spirostreptidae)."

DR. J. JANOVY, JR.'S LETTER TO DR. DAVID A. BECKER (SWAP SECRETARY-TREASURER)  
Because of Janovy's Position as SWAP's Representative to the ASP Council, He Was the First to Learn  
about the Investigation of Dr. C.R. Page. His Letter to Dr. Becker and Becker's Reply (next page)  
Provide Interesting Historical Perspectives.

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UNL

The University of Nebraska-Lincoln

School of Life Sciences  
Manter Hall of the Life Sciences  
Lincoln, Nebraska 68588  
402 472-2720

February 25, 1980

Dave Becker  
Department of Zoology  
University of Arkansas  
Fayetteville, Arkansas 72701

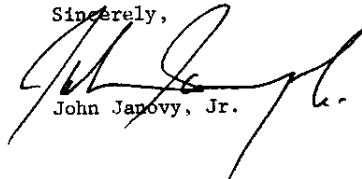
Dear Dave:

I recently received some correspondence from Norman Levine about which (the correspondence) I need some "fatherly" advice before SWAP. I suspect the matter is still confidential, but it will not remain so for very long. I received the information simply because I am SWAP representative to ASP Council.

It seems Clayton Page is being questioned by Federal authorities about some of his financial affairs. I have no detailed information about the nature of such questioning, how it started, etc., but it evidently is of the type that might result from a routine IRS audit. As a natural part of this investigation, his access to ASP funds has been examined and it appears he may be asked to justify some uses of ASP monies, to the Federal authorities. Norman asked Martin Ulmer to help him handle the situation, mainly because Norman is recuperating from heart surgery. Anyway, I received a memo from Norman, with a cover memo from Martin, asking for Council's endorsement and approval for whatever actions were required by the Society to handle the situation. I sent my endorsement as SWAP representative, although, of course, I could not vote. Now my question: in my report to SWAP, should this matter be mentioned? If questioned about, I think I can phrase it tactfully, but still, I need some guidance here. I don't want to be guilty to purposefully failing to bring to the floor an item of truly crucial significance to ASP and its affiliates. On the other hand, I do want to be reasonable in case Clayton and/or Don Moore are present. From the memo from Levine and Ulmer, past ASP records may also be examined, and that would involve Don.

Help? Just a good well-thought-out opinion/reaction??

Sincerely,



John Janovy, Jr.

**DR. DAVID BECKER'S REPLY TO DR. JOHN JANOVY'S LETTER**  
**(previous page) Re: Informing SWAP about the Investigation of Dr. C.R. Page, III.**

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March 5, 1980

Dr. John Janovy, Jr.  
School of Life Sciences  
Manter Hall of the Life Sciences  
The University of Nebraska-Lincoln  
Lincoln, NE 68588

Dear John:

I feel like I'm attempting to collect salamander eggs while squatting on a steep, slippery, muddy bank on an extremely cold night and not desirous of braving the cold water with only my tennies on, or muddying my gluteus should I lose my balance.

Being only meagerly cognizant of the situation, I believe that you, as SWAP representative to ASP, have an obligation to report the Council's business activities to SWAP, albeit a distasteful task especially where old and dear friends may be involved. Perhaps by April 18th a more resolvable situation will exist which will make your duty more tenable. I have known you for a long time, John, and I have respected your considered opinions and judgments. Although your position in this matter is truly unenviable, I have no reason to be apprehensive concerning your ability to handle this matter in respected Janovian style.

I sincerely hope that my opinion will add to your confidence in this matter, and I wish you every success.

Warmest regards,

David A. Becker, Ph.D.  
Secretary-Treasurer, SWAP  
Department of Zoology, SE 632  
University of Arkansas  
Fayetteville, AR 72701

DAB/js

ORIGINAL INDICTMENT PAPERS OF DR. C.R. PAGE, III, SWAP Member and ASP Secretary-Treasurer,  
for 12 counts of Mail Fraud, Fraudulent Claims and False Statements, April 3, 1980.

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UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF LOUISIANA

INDICTMENT FOR MAIL FRAUD, FRAUDULENT CLAIMS, AND FALSE STATEMENTS

UNITED STATES OF AMERICA           \*    CRIMINAL DOCKET NO.  
  \*    SECTION:  
CLAYTON R. PAGE, III               \*    VIOLATION:  18 USC 1341  
  18 USC  287  
  18 USC 1001

The Grand Jury charges that:

COUNT I

A. At all times material herein:

1. Defendant, CLAYTON R. PAGE, III, was an Assistant Professor of Biology at Tulane University in New Orleans, Louisiana.

2. The National Science Foundation is an agency of the United States of America, as established by the National Science Foundation Act of 1950, and codified by Public Law 81-507, as amended.

3. Funds awarded by the National Science Foundation in the amount of \$57,500.00 to Tulane University for support of a project entitled "African Trypanosomiasis: Altered Host Amino Acid Metabolism", Proposal Grant Number PCM78-00110, were under the direction of CLAYTON R. PAGE, III, Assistant Professor, Department of Biology, who was designated as Principal Investigator of said project.

4. The Tulane University Accounting Office established internal account number 68643 for the funds awarded by the National Science Foundation, and acted as agent for the disbursement of said funds, upon request of the Principal Investigator, CLAYTON R. PAGE, III.

5. The American Cancer Society is a non-profit organization dependent upon charitable contributions. The

Institutional Cancer Research Grant Committee of Tulane University awarded a grant provided by the American Cancer Society in the amount of \$4,416.00 to CLAYTON R. PAGE, III, for cancer research.

6. The National Institute of Health, Department of Health, Education and Welfare is an agency of the United States of America, administering provisions of Title 42 U.S.C. 241(b) and Title 41 U.S.C. 252 (c)(10). The National Institute of Health awarded contract Number 263-78-C-0139, dated May 1, 1978, to the American Society of Parasitologists. CLAYTON R. PAGE, III, Secretary-Treasurer of the American Society of Parasitologists, was the Contract Officer for said Contract Number 263-78-C-0139.

7. The World Health Organization is an international organization which provides grants for scientific research. This organization awarded FIFTEEN THOUSAND THREE HUNDRED DOLLARS AND NO CENTS (\$15,300.00) for the year 1979 to Tulane University for a research proposal submitted by CLAYTON R. PAGE, III, with PAGE being designated as Principal Investigator of said project.

8. The American Society of Parasitologists is a private professional society which accepts Federal funds for its activities in addition to donations from individuals and dues from its membership.

B. The Scheme

1. Beginning on or about June 15, 1977, and continuing up to on or about February 1, 1980, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, did unlawfully, willfully, and knowingly devise and intend to devise a scheme to defraud the American Society of Parasitologists, the National Science Foundation, the World Health Organization, the American Cancer Society and Tulane University of money and property by means of false and fraudulent

representations, pretenses and promises as set forth fully below, well knowing the pretenses, representations, and promises would be and were false when made. The object of the defendant's scheme was to divert monies and property from their intended research or science-related purposes to his own personal use.

2. It was part of the scheme and artifice to defraud that the defendant PAGE applied for a research grant in the amount of FIFTY SEVEN THOUSAND FOUR HUNDRED FIFTY SIX DOLLARS (\$57,456.00) for a duration of 24 months from the National Science Foundation (NSF). PAGE made this application, as Principal Investigator, by submitting a reasearch proposal entitled, "African Trypanosomiasis: Altered Host Amino Acid Metabolism."

3. It was a further part of the scheme and artifice to defraud that defendant PAGE received grant approval from the World Health Organization for FIFTEEN THOUSAND ONE HUNDRED TWENTY FIVE DOLLARS (\$15,125.00) for a one year period or THIRTY THOUSAND TWO HUNDRED FIFTY DOLLARS (\$30,250.00) for a 24 month period requested for the same research authorized by the National Science Foundation and, further, failed to bring this to the attention of the National Science Foundation or World Health Organization.

4. It was a further part of the scheme and artifice to defraud that defendant PAGE arranged for a relative to be paid for services not rendered. PAGE appointed this relative to be a Laboratory Technician to be paid a salary from the National Science Foundation funds and to be salaried as a secretary for the American Society of Parasitologists. This relative did not perform laboratory research approved by the National Science Foundation at Tulane University where the research was conducted; however, defendant PAGE submitted time sheets in the name of the said relative from

June 26, 1978 through December 27, 1979 which resulted in payments being made to that person from NSF funds for the same period of time. Additionally, the American Society Parasitologists paid the same individual for the claimed secretarial work.

5. It was a further part of the scheme and artifice to defraud that defendant PAGE submitted fraudulent vouchers for travel expenses and received money from the National Science Foundation for personal, non-grant expenses.

6. It was a further part of the scheme and artifice to defraud that PAGE negotiated with the National Institute of Health (NIH) for a contract to provide TWENTY THOUSAND DOLLARS AND NO CENTS (\$20,000.00) to the American Society of Parasitologists (ASP) for travel expenses of its members to attend the Fourth International Congress of Parasitologists in Warsaw, Poland from August 19 through August 26, 1978. Defendant PAGE, acting as contract officer and Secretary/Treasurer of the American Society of Parasitologists was charged with the duty to dispense these funds to members of ASP according to provisions set forth in the contract. PAGE awarded himself money for travel from these funds knowing that he had received reimbursement from another source, Tulane University. Further, PAGE knew, at the time he awarded himself the NIH money, that receiving funds from both NIH and Tulane University was in violation of the provisions of the NIH contract.

7. It was a further part of the scheme and artifice to defraud that defendant PAGE caused Tulane University Biology Department to be charged for air travel which was not incurred. In this regard, PAGE made a reservation for a flight from New Orleans, Louisiana to Miami, Florida and from New York to New Orleans, Louisiana and billed Tulane University for the full amount. He then cancelled these

flights and arranged other flights to and from Europe. However, PAGE did not notify Tulane University of the cancellation of the domestic flights and directed the travel bureau to refund the payment made by Tulane for domestic travel to him personally.

8. It was a further part of the scheme and artifice to defraud that the defendant PAGE was awarded a grant of FOUR THOUSAND FOUR HUNDRED SIXTEEN DOLLARS (\$4,416.00) for research from the American Cancer Society. PAGE failed to comply with the conditions of this grant; he submitted false statements regarding the progress of the research; and submitted false statements regarding the amount of funds expended for that work. Further, he used these funds to pay his dues and membership fees in organizations, which were personal expenses and were not allowable under the grant for cancer research.

9. It was a further part of the scheme and artifice to defraud that the defendant PAGE billed two sources of funds for the same costs and diverted the excess funds to his own use. In this regard:

A. PAGE charged Tulane University, Biology Department, \$290.00 for air fare to and from Minneapolis, Minnesota, then he reimbursed himself from American Society of Parasitologists funds for the same travel.

FURTHER: B. PAGE charged the American Cancer Society research grant for the purchase of an automatic sequential numbering machine and other related items, and likewise submitted a copy of the same invoice for the same equipment to the American Society of Parasitologists. As Secretary/Treasurer



of that society, PAGE paid himself for these items.

FURTHER: C. PAGE sought duplicate reimbursement for travel expenses to Tucson, Arizona by submitting claims to the American Society Parasitologists and to the National Science Foundation and Tulane University, Biology Department.

10. It was a further part of the scheme and artifice to defraud that defendant PAGE purchased camera equipment, film, and film processing which exceeded THREE THOUSAND DOLLARS AND NO CENTS (\$3,000.00). These expenses were charged to the NSF and WHO research grants, yet this equipment, film and film processing were not used in the research which was conducted at Tulane University.

11. It was further part of the scheme and artifice to defraud that defendant PAGE purchased the following entitled books with funds from the World Health Organization, knowing that such books were not related to the authorized research.

1. Scruples;
2. Looking for Mr. Goodbar;
3. Dynasty;
4. Key to Chinese Cooking;
5. People's Republic of China Cookbook;
6. Chinese Gardens

12. It was further part of the scheme and artifice to defraud that defendant PAGE purchased the following entitled books with funds from the National Science Foundation, knowing that such books were not related to the authorized research.

1. To Peking and Beyond
2. Women and Child Care in China
3. The Coldest Winter In Peking
4. Peking
5. China: History of Art

13. It was a further part of the scheme and artifice to defraud that defendant PAGE paid \$131.00 in

personal dues and membership fees to professional organizations from funds provided by the National Science Foundation for research on the NSF grant.

C. Mailings

On or about the dates listed in Column A, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, for the purpose of executing the aforesaid scheme and artifice to defraud and for the purpose of obtaining money and property by means of false and fraudulent pretenses, representations and promises, and attempting to do so, did knowingly cause to be delivered by United States mail, according to the direction thereon, mail matter, the contents of which are listed in Column B addressed to the places listed in Column C; all in violation of Title 18, United States Code, Section 1341.

<u>COUNT 1</u>	<u>A</u>	<u>B</u>	<u>C</u>
1	9/21/77	letter and accompanying copies of a research proposal prepared for the Regulatory Biology Program of the National Science Foundation	Central Processing Section, National Science Foundation, Washington, D.C. 20550
2	10/1/77	Revised Proposal for a World Health Organization grant	World Health Organization, Geneva, Switzerland
3	4/6/78	copy of a letter written by CLAYTON R. PAGE, III, to Dr. Kenneth O. Phifer of the National Institute of Health which was dated 4/3/78, concerning PAGE'S application for a grant with the National Science Foundation	Dr. Betty Twarog, Regulatory Biology Program Officer, National Science Foundation, Washington, D.C. 20550
4	9/11/78	a check for payment for a Vivitar Series 1 70-210 millimeter, 3.5 F Macro Lens, more commonly known as a long range zoom lens	Educational and Cooperative Service, Inc., P.O. Box 13169 Church Street Station, New York, New York 10249

5	8/8/79	a letter written by CLAYTON R. PAGE, III, requesting the preparation of a check payable to PAGE for travel expenses including air-fair to Minnesota	Miss Marty Learned, American Society Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044
6	11/7/79	a letter written by CLAYTON R. PAGE, III, requesting preparation of a check for an automatic sequential number printed and related items	Miss Marty Learned, American Society Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044
7	11/7/79	a letter written by CLAYTON R. PAGE, III, requesting a check payable to a relative of PAGE for secretarial work	Miss Marty Learned, American Society Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044
8	11/19/79	a letter written by CLAYTON R. PAGE, III, requesting the preparation of a check for travel expenses including airfare to Tuscon, Arizona to be made payable to PAGE	Miss Marty Learned, American Society Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044

COUNT 9

On or about the first day of November 1978, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, did present to the National Institute of Health (NIH), Department of Health, Education, and Welfare for payment a claim against the United States for reimbursement for travel to Warsaw, Poland, when he knew that the claim was fraudulent in that he had already received reimbursement for the said travel from Tulane University Graduate School and thereby was ineligible for reimbursement from NIH as he then well knew. All in violation of Title 18, United States Code, Section 287.

COUNT 10

On or about the fourth day of October 1978, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, did present to the National Science Foundation (NSF) for payment a claim against the United States for payment for books which were purchased for his personal use and which he knew had no relationship to the NSF research project, for which the NSF funds were intended. All in violation of Title 18, United States Code, Section 287.

COUNT 11

On or about the 26 day of June, 1979, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, did present to the National Science Foundation (NSF) for payment a claim against the United States for reimbursement for travel to Houston, Texas, when he knew that the claim was fraudulent in that the travel expenses were incurred by the defendant and his family for a personal trip which was not reimbursable by funds provided to Tulane University for the NSF research project grant. All in violation of Title 18, United States Code, Section 287.


COUNT 12


On or about the 22 day of October, 1979, in the Eastern District of Louisiana, CLAYTON R. PAGE, III, wilfully and knowingly concealed and covered up by a trick, scheme and device, a material fact in a matter within the jurisdiction of the National Science Foundation (NSF), an Agency of the United States, in that he submitted a travel expense voucher with an attached motel receipt to the NSF for payment from the NSF grant funds knowing that the said receipt had been altered to conceal the fact that the expenses represented by the receipt included costs for persons not entitled to claim reimbursement from the NSF grant and stated a purpose for the travel related to the NSF grant with the intent to convert the excess reimbursement to his own use, and conceal and cover up the payment for these fraudulent expenses to the defendant, CLAYTON R. PAGE, III, and the true purpose for the travel, all in violation of Title 18, United States Code, Section 1001.

A TRUE BILL

\_\_\_\_\_  
FOREMAN

  
\_\_\_\_\_  
JOHN VOLZ  
UNITED STATES ATTORNEY

  
\_\_\_\_\_  
RICHARD T. SIMMONS, JR.  
Assistant United States Attorney  
Chief Criminal Division

  
\_\_\_\_\_  
VETA CARNEY  
Assistant United States Attorney

New Orleans, Louisiana  
April 3, 1980

APRIL 7, 1980, LETTER FROM MR. F.M. STEVENSON TO DR. N.D. LEVINE, ASP PRESIDENT,  
Outlining the History of His Selection of Dr. M.J. Ulmer as ASP Liaison  
with the U.S. Department of Justice.

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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
OFFICE OF INSPECTOR GENERAL  
OFFICE OF INVESTIGATIONS  
1100 COMMERCE, ROOM 4E1  
DALLAS, TEXAS 75242

April 7, 1980

Dr. Norman D. Levine  
President, American Society of Parasitologists  
Hopkins Marine Station  
Pacific Grove, CA 93950

Dear Dr. Levine:

Pursuant to our telephone conversation of April 3, 1980, enclosed find a copy of an indictment returned by a federal grand jury in New Orleans on April 3 and a press release issued by the United States Department of Justice that same day. These documents are routinely made available to the public; you may, therefore, use them for whatever purposes you deem necessary in carrying out the functions of your office. I would only suggest to you, however, it should be kept in mind that in this case, as in all cases, the individual named in the indictment is innocent of any crimes until proven guilty of those crimes.

It is my understanding that you have been subjected to much criticism by some members of your organization regarding your appointment of Dr. Martin J. Ulmer as the society's liaison with the Department of Justice during my investigation. Now that the investigation has concluded, I would like to take this opportunity to explain why I requested you make such an appointment, so there will be absolutely no confusion about that issue in the future.

During the initial stages of the investigation it became readily apparent to me and the Department of Justice that someone within the society who was knowledgeable of its operations, and in particular knowledgeable of the functions of the Secretary-Treasurer's office, would have to be called on to convey that knowledge to us. It appeared the most likely individual to assist in this regard was Mr. Donald Moore, primarily because he held the position of Secretary-Treasurer for 13 years and is a resident of Dallas, where my office is located. Mr. Moore was subpoenaed by the grand jury in New Orleans and was asked to provide pertinent documents regarding the society. When the subpoena was served on Mr. Moore, however, he quite strenuously voiced his objection to any investigation of society affairs by federal law enforcement authorities, stating that the federal government has no business intervening in the affairs of a private organization such as his. Mr. Moore neglected to

mention that few members of the organization have not at one time or another benefitted from federal "intervention" in the form of grants, travel subsidies, etc., nor did he mention the organization's tax-exempt status. Mr. Moore complied with the subpoena, as he was legally bound to do, but because of his objections to what he perceived to be intervention by federal law enforcement authorities it was obvious he could not be expected to voluntarily cooperate during the investigation, and therefore he was no longer considered a viable solution to the problem at hand.

At this time I determined that Dr. Ulmer, because he has in the past served as president and treasurer of the society, might be the only possible alternative to Mr. Moore. Telephone conversations with Dr. Ulmer confirmed not only his intimate knowledge of the organization but also his willingness to cooperate with an official law enforcement investigation being conducted by the Department of Justice. I therefore suggested he advise you at such time as your physician felt appropriate about the investigation, and that I was requesting you to allow him to serve as the society's liaison with the Department of Justice during the investigation. I hope this will clear the air and answer any questions your members may have concerning Dr. Ulmer's appointment, and I sincerely apologize for any embarrassment or inconvenience I may have caused either of you by using his assistance.

I would also like to recognize several other members of your society who voluntarily assisted in my investigation. Dr. Wilford Bailey, Dr. Murray Fallis, and Dr. Horace Stunkard also contributed their time and information, and obviously had no reservations about doing so. I want to personally thank you for your patience and understanding during the past few months. I realize the unfortunate events which have occurred are distressing, but I want to emphasize these events are certainly not a reflection on the American Society of Parasitologists as an organization or on its members as individuals.

Thank you very much for your time and consideration in this matter. If I can be of any assistance to you or your society in the future, please do not hesitate to contact me.

Respectfully yours,

*Frank M. Stevenson*

Frank M. Stevenson  
Special Agent

Enclosures

cc:  
Dr. Ulmer ✓

APRIL 9, 1980, MEMO FROM DR. N.D. LEVINE, ASP PRESIDENT,  
TO THE VOTING MEMBERS OF ASP COUNCIL,  
Outlining the Events in the Page Case to That Date.

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**AMERICAN SOCIETY OF PARASITOLOGISTS**

1041 New Hampshire Street  
P. O. Box 368  
Lawrence, Kansas 66044

<p>President Norman D. Levine Urbana, Illinois</p> <p>President-Elect Elmer R. Noble Santa Barbara, California</p>	<p>Vice-President John C. Holmes Edmonton, Alberta, Canada</p> <p>Secretary-Treasurer Clayton R. Page, III New Orleans, Louisiana</p>
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Program Officer  
Mary H. Pritchard  
Lincoln, Nebraska

JOURNAL OF PARASITOLOGY

<p>Editor Austin J. Macinnis Los Angeles, California</p>	<p>Custodian of Back Issues Richard D. Lumsden New Orleans, Louisiana</p>
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9 April 1980  
Hopkins Marine Station  
Pacific Grove, CA 93950

TO VOTING MEMBERS OF THE AMERICAN SOCIETY OF PARASITOLOGISTS COUNCIL:

This is to inform you that on 3 April 1980, a federal grand jury in New Orleans handed down a 12-count indictment against our Secretary-Treasurer, Dr. Clayton R. Page, III (8 charges of mail fraud, 3 of false claims to the federal government, and 1 of making false statements to the federal government). I am asking Dr. Ulmer to send you copies of the 12-page indictment plus the federal government's press release. Both are a matter of public record and have been reported in the New Orleans Newspapers.

I am not aware of all the details, but the federal investigator told me over the telephone that the report to the Grand Jury was about 200 pages long.

A grand jury indictment does not mean that the indictee is guilty. It is simply a formal charge and means that the grand jury believes that there is sufficient evidence to warrant a regular jury trial. Dr. Page was arraigned yesterday and pleaded innocent. As I understand it, he must be afforded the opportunity to have a regular jury trial within 100 days. He is, of course, considered innocent unless proven guilty.

Dr. Page told me over the telephone in January that he would resign his position with the Society if indicted, and I asked Council members on 31 January to give me their votes as to whether he should be removed from his position if indicted. The vote was 9 in favor, 2 opposed, and 3 abstentions (or non-replies). I am writing to ask for his resignation. If I do not receive it in a reasonable time, I shall inform him that Council has voted for his removal.

The problem of a temporary replacement is a serious one. I am asking Dr. Robert L. Rausch, chairman of our Nominating Committee, to have his committee nominate a regular successor. In accordance with your vote and with the last paragraph of Article IV, Section 2 of the By-Laws, I am asking Dr. Maurice D. Little, Dept. of Parasitology, Tulane Univ. School of Public Health, to take over as temporary Secretary-Treasurer, with the assistance of Dr. David Fredericksen, Dept. of Biology, Tulane Univ. However, Dr. Little does not wish to be a candidate for regular Secretary-Treasurer.

AFFILIATES

Southern California Parasitologists	Northern California Parasitologists	Annual Midwestern Conference of Parasitologists	Southwestern Association of Parasitologists	Southeastern Society of Parasitologists	Helminthological Society of Washington	Rocky Mountain Conference of Parasitologists	New Jersey Society for Parasitology
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I have also asked Mr. James E. Stovall (a lawyer), 944 International Trade Mart, New Orleans, La. 70130 to accept the federal government's legal records of the case in order to protect the legal status the the Society and to inform me the extent of the losses incurred by the Society and the cost in legal fees, etc. that would probably be incurred by the Society in recovering these losses.

I am sorry that what has happened so far has taken so long; it was much longer than I had expected. Council still has to decide what further action, if any, the ASP should take.

I very much regret the present development. Dr. Page has been an efficient and effective worker for the Society, and I hope that he will be found innocent. However, under the circumstances we have little choice regarding our own actions.

I am greatly indebted to our Past President, Dr. Martin J. Ulmer, and to Mr. Frank Stevenson of New Orleans for keeping me informed of the situation.

Sincerely,

*Norman D. Levine*

Norman D. Levine  
President

*(federal investigator)*

LETTER FROM DR. G.F. OTTO TO DR. N.D. LEVINE, ASP PRESIDENT,  
Providing His Opinion on the Page Indictment.

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UNIVERSITY OF MARYLAND  
COLLEGE PARK 20742

DEPARTMENT OF ZOOLOGY  
PHONE (301) 454-3201

April 18, 1980

Dr. Norman D. Levine, Pres. ASP  
Hopkins Marine Station  
Pacific Grove, California 93950

Dear Norman:

Your letter of 31 March disturbs me. You have my sympathy. Despite this, or perhaps more accurately because of this, I bring certain basic points to your attention:

1. Any person accused, or even indicted, is legally innocent until proved guilty.
2. Accusations were made against our elected Secretary Treasurer, Clayton R. Page, III, concerning the possible misuse of federal funds. Thus, a federal investigation must be launched. The federal government is charged with the responsibility for and is capable of conducting that investigation.
3. To the best of my knowledge, no accusations were made against the American Society of Parasitologists or concerning any possible misuse of Society funds.
4. Thus a special ASP investigation or prosecuting attorney is neither needed nor desirable, EXCEPT to assure fair handling of the case on behalf of the accused, who is one of our elected officers.
5. No ASP member, even a past president, can presume to compete with or direct an official investigation. The recognized competence of ASP members does not include the field of legal wrong doing.

If either you or Martin Ulmer fail to show comprehension of the above basic points, I am constrained (for the protection of the Society) to urge the Council of the American Society of Parasitologists to: 1) immediately disavow the illegal appointment of your alternate (Martin J. Ulmer) and 2) consider turning the duties of President over to your normal (legal) successor, the Vice-President (John C. Holmes).

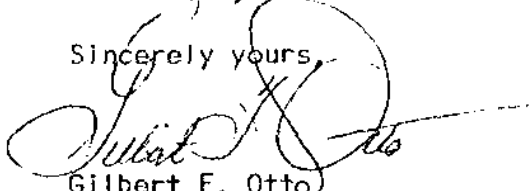
Dr. Norman D. Levine, Pres. ASP

-2-

April 18, 1980

With only one interest in this matter, namely to serve the best interest of our Society and its Officers, you and the other officers, I remain

Sincerely yours,



Gilbert F. Otto  
President, ASP 1957

GFO:blh

cc: Officers and Council Members  
Dr. Martin J. Ulmer ✓

P.S. Incidentally, have you ever seen a better, more comprehensive, and more informative Secretary-Treasurer's report than Clayton Page's report in the Journal (Vol. 65, No. 6, pp. 934-955, December 1979). Rarely have I seen anywhere near as good.

**DR. N.D. LEVINE'S REPLY TO DR. G.F. OTTO'S LETTER RE: THE PAGE INDICTMENT**

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Pacific Grove, CA 93950  
31 March 1980

Dear Gilbert:

I have received your letter of 24 March. I am surprised that you wrote it. I suspect that you are not aware of all the facts. Dr. Ulmer was approached by the federal investigator in the matter and has talked with him several times. He is keeping me aware of developments. I shall inform the Council of further developments when they occur.

Sincerely,

Norman (D. Levine)

## MINUTES OF THE APRIL 18, 1980 SWAP MEETING

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### SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS Minutes of April 18, 1980 Meeting

Call to order by President Duszynski at 7:35 PM

1. Secretary-Treasurer's Report - Dave Becker: Moved by Don Moore to accept. Unanimously approved.
2. Committee Reports -
  - a. Membership - Dave Becker: some back dues collected at registration desk. Moved to be accepted by Frank Sogandares and seconded by Gilbert Castro. Accepted unanimously.
  - b. Auditing - Norman Weisbradt: commented on good records of Becker and reported records in order. Moved to accept by Frank Sogandares and seconded by Don Moore. Accepted unanimously (see attachment).
  - c. Representative to ASP Council - John Janovy (See attachment).
  - d. Newsletter - Frank Sogandares; appealed for news.
  - e. Nominating - George Stewart; 37 ballots returned; officers are - President, Mike Kemp; Vice-President, John Ubelaker; Secretary-Treasurer, Dave Huffman; and Representative to ASP Council, John Janovy.
  - f. Resolutions - Norman Dronen; see attached.
3. Old Business
  - a. Frank Sogandares - moved: "Establish honorary membership class for older members with history of helping Association - recommend Teague Self for first honorary member, and that no dues be required. Second by Bob Kuntz.

#### Discussion:

- (1) Don Duszynski - Good idea - sister associations like Rocky Mountain group have honorary membership.
- (2) Don Moore - Put amendment on ballot.
- (3) Dave Becker - Precedence already established when Loren Hill voted honorary member by acclimation.
- (4) Frank Sogandares - Changed motion to involve honorary membership by acclimation. Second by Moore voted unanimously to give honorary membership to Teague Self.
- (5) Duszynski - Sogandares to chair committee to get an amendment on ballot next year.

4. New Business

a. Duszynski -

- (1) urged members to provide phone numbers for directory.
- (2) Appealed for historical information from older members for compilation of SWAP history.
- (3) Comment by Sogandares - First organizational meeting at B.J. Meyers with Courtney, Moore, Sogandares, Kuntz.

b. Dave Becker - commented on last year's checks to UOBS that had not been processed.

- (1) Will Smith - ask them to speed up processing.
- (2) Sogandares - asked for contributions for a "UOBS Fund" to be presented to Loren Hill for use at station as he wished. Started with a \$10.00 donation.

c. Becker - move to adjourn.

**SECRETARY-TREASURER'S FINANCIAL REPORT, APRIL 1980**

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SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
Thirteenth Annual Meeting  
Lake Texoma, Oklahoma  
April 17-19, 1980

SECRETARY-TREASURER'S FINANCIAL REPORT

Balance March 31, 1979 \$1,122.60

Receipts:

Dues and dues in arrears deposits April 1, 1979-  
March 31, 1980 (94 regular and 39 student memberships paid) 574.00  
\$1,696.60

Disbursements:

Check #122 - Biol. Dept., Univ. N. Mex. (postage)	\$103.88
#123 - Biol. Dept., Univ. N. Mex. (printing)	261.75
#124 - Kwik-Kopy (reports)	12.36
#125 - Univ. Ark. Bookstore (folders)	3.58
#126 - Univ. Ok. Biol. Sta. (refreshments)	218.20
#127 - Southwest Foundation (SWAP letterhead)	23.54
#128 - Kwik-Kopy (address labels & forms)	13.13
#129 - McRoy & McNair (dues notice)	10.87
#130 - Postmaster (stamps)	45.00
#131 - Frontier (records to Pres.)	29.30
#132 - Void	<u>0.00</u>
	721.61

Total Disbursements: -721.61

Balance March 31, 1980 (as shown on final bank statement) \$974.99

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SECRETARY-TREASURER'S REPORT ON MEMBERSHIP, APRIL 1980

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SWAP  
Secretary-Treasurer's Report  
on Membership  
April 1980

Regular paid:	92 members @ \$4 each =	\$368
Student paid:	37 members @ \$2 each =	74
New regular paid:	2 members @ \$4 each =	8
New student paid:	2 members @ \$2 each =	<u>4</u>
Membership dues paid 1980		\$454

Regular unpaid:	34 members @ \$4 each =	\$136
Student unpaid:	34 members @ \$2 each =	<u>68</u>
Membership unpaid dues 1980		\$204



## REPORT OF THE REPRESENTATIVE TO THE ASP COUNCIL, APRIL 18, 1980

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Report of the Representative  
To ASP Council  
April 18, 1980  
John Janovy

1. Met late July in Minneapolis, Minn., 1979.
2. Officers for 1980 (read).
3. Have a list of current ASP committee members if interested.
4. Review report to ASP from SWAP - reads like minutes.

### Council business of interest:

1. Mailings to delinquent members will continue for only 1 year in the future, instead of 2 years as previously.
2. Council voted to increase # of free pages from 4 to 5 and retained \$40/page charge over 5.
3. Dick Lumsden, SWAP member, has been appointed custodian of back issues, after Bailey asked to be relieved.
4. Secretary-Treasurer reviewed status of ASP as a non-profit organization and indicated that because of classification of ASP, contributions to the Stoll-Stunkard endowment fund are not tax deductible.
5. There will be no 10-year index printed in 1980.

Meetings - SF - 1980  
Montreal - 1981  
Toronto - 1982  
1983 or 84 - attempt to meet with Trop. Med. with  
ASTMH choosing time and place.

### Secretary-Treasurer:

1. Memo from Norman Levine, covered by memo from Levine and Martin Ulmer, asking for assistance in resolving a particular problem regarding the ASP Secretary-Treasurer, Dr. Clayton Page.

Levine memo indicated Secretary-Treasurer was being asked to explain to federal authorities certain uses of federal funds under his control, that the investigation could be extended to his use of ASP funds and asked Council's approval to hire an attorney to protect Soc. interests and council's approval for

whatever action was necessary to deal with the situation. As non-voting rep. I replied by mail and endorsed his request for council's approval to do whatever was necessary to deal with the situation.

Several memos from council members to Levine (SWAP rep. received copies) indicating support for Page and pointing out that the wording of Levine's memo was worded in a prejudicial manner potentially damaging to Page's career and that Levine's action in asking for Ulmer's help was inappropriate, that the Society's financial affairs were in order.

Since arriving at UOBS have been informed of the following:

Secretary-Treasurer of ASP was indicted April 3 on several counts of:

- Mail fraud
- False claims to Federal Government
- False Statements to Federal Government

As SWAP representative, I will receive a complete set of correspondence, newspaper clippings, etc., (i.e. the info officially Available to council).

Council met by mail and voted-9-2-3 abstaining to remove Dr. Page as Secretary-Treasurer, if indicted.

Dr. Page was indicted and has been asked to resign, but has not to my knowledge resigned yet.

Dr. Page has not been tried, nor convicted, nor as of this date been legally proven guilty of any crime.

Dr. Maurice Little has agreed to serve as Secretary-Treasurer in the interim.

R. Rausch (Chairman, Nominating Committee) will take responsibility for candidating the nomination and election of a new secretary-treasurer. Little is not a candidate.

## REPORT OF THE RESOLUTIONS COMMITTEE, APRIL 18, 1980

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Report of the  
Resolutions Committee  
April 18, 1980  
Norman Dronen

On behalf of the members of SWAP, we extend sincere thanks to Dr. Michael Kemp, Vice President of the association, for taking on the primary responsibility of organizing this year's excellent program, and to Dr. David Becker, Secretary-Treasurer of the association, for his excellent coordination of the many details associated with this year's meeting.

Many thanks to Dr. Don Duszynski, who served as this year's President and was ultimately responsible for making this year's meeting both successful and enjoyable. We also extend our thanks to Dr. John Janovy, SWAP's representative to ASP, for a job well done!

Sincere appreciation is extended to the University of Oklahoma for the use of the UOBS and to Dr. Hill for his gracious hospitality. We also thank the UOBS kitchen staff for the very enjoyable meals they prepared again this year.

We would also like to extend a special thanks to the graduate students who participated in the meetings and served as co-chairpersons and projectionists.

Norman O. Dronen, Jr.

LETTER FROM DR. M.J. ULMER TO ASP COUNCIL MEMBERS AND OFFICERS  
Detailing the Events of the Page Indictment up to July 25, 1980,  
and Including a Copy of the Second Indictment Reducing the Fraud-related Counts to 10.

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IOWA STATE  
UNIVERSITY

Vice President for Research  
Dean, The Graduate College  
201 Beardshear Hall  
Ames, Iowa 50011

Telephone (515) 294-4531

July 25, 1980

TO: Officers, Council Members, Chairmen of Committees, and Representatives  
of Affiliates, American Society of Parasitologists

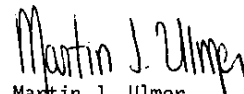
FROM: Martin J. Ulmer

I have just received a copy of the revised indictment of the Society's Secretary-Treasurer, Dr. Clayton R Page III, and with the concurrence of President Levine, am sending you with this memo a copy of that document, with markings indicating those sections pertaining to the American Society of Parasitologists.

In a letter to Dr. Levine dated July 14, 1980 (with copies to Council), Dr. Lumsden (Custodian) suggests that I present a "full and totally candid report" to Council concerning my involvement in this matter. I am fully prepared to do so, and had hoped to appear before Council at the coming meetings in Berkeley. However, in view of the delay (requested by Dr. Page's attorneys) in the trial, now scheduled for September 15, and at the suggestion of the federal authorities, it seems more prudent that I refrain from making any detailed statement pending the outcome of Dr. Page's trial. I have regretfully informed Dr. Levine of my decision, and have cancelled my plane and hotel reservations.

One additional point of clarification: in the June 16, 1980 issue of the Newsletter, the editor (Dr. Sogandares) states "Mr. Allen informs me that Dr. Martin Ulmer....has assured him that the ASP accounts are in good order". I have never made such a statement and telephoned Mr. Allen at Allen Press to express my concern. He responded by letter to Dr. Sogandares and was sent a note of apology (see enclosures). Presumably in the next newsletter this error will be corrected.

I assure you that all my actions relating to this matter were taken within the purview of my position as requested by President Levine; in all instances, to the best of my knowledge, they were for the good of the Society.



Martin J. Ulmer  
Past President (1977)

Encl.  
MJU/ph

REVISED INDICTMENT OF DR. C.R. PAGE, III, JUNE 1980

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF LOUISIANA

SUPERSEDING INDICTMENT FOR MAIL FRAUD,  
FRAUDULENT CLAIMS, AND FALSE STATEMENTS

UNITED STATES OF AMERICA \* CRIMINAL DOCKET NO. 80-117  
V. \* SECTION: "B"  
CLAYTON R PAGE, III \* VIOLATION: 18 USC 1341  
18 USC 287  
18 USC 1001

U.S. DISTRICT COURT  
EASTERN DISTRICT OF LA.  
JUN 13 2 48 PM '80  
NELSON JONES  
CLERK

The Grand Jury charges that:

COURT I

A. At all times material herein:

1. Defendant, CLAYTON R PAGE, III, was an Assistant Professor of Biology at Tulane University in New Orleans, Louisiana.
2. The National Science Foundation is an agency of the United States of America, as established by the National Science Foundation Act of 1950, and codified by Public Law 81-507, as amended.
3. Funds awarded by the National Science Foundation in the amount of \$57,500.00 to Tulane University for support of a project entitled "African Trypanosomiasis: Altered Host Amino Acid Metabolism", Proposal Grant Number PCM78-00110, were under the direction of CLAYTON R PAGE, III, Assistant Professor, Department of Biology, who was designated as Principal Investigator of said project.
4. The Tulane University Accounting Office established internal account number 68643 for the funds awarded by the National Science Foundation, and acted as agent for the disbursement of said funds, upon the direction or request of the Principal Investigator, CLAYTON R PAGE, III.
5. The American Cancer Society is a non-profit organization dependent upon charitable contributions. The

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Institutional Cancer Research Grant Committee of Tulane University awarded a grant provided by the American Cancer Society in the amount of \$4,416.00 to CLAYTON R PAGE, III, for cancer research.

6. The National Institute of Health, Department of Health, Education and Welfare is an agency of the United States of America, administering provisions of Title 42 U.S.C. 241(b) and Title 41 U.S.C. 252 (c)(10). The National Institute of Health awarded contract Number 263-78-C-0139, dated May 1, 1978, to the American Society of Parasitologists. CLAYTON R PAGE, III, Secretary-Treasurer of the American Society of Parasitologists, was the Contract Officer for said Contract Number 263-78-C-0139.

7. The World Health Organization is an international organization which provides grants for scientific research. This organization awarded FIFTEEN THOUSAND THREE HUNDRED DOLLARS AND NO CENTS (\$15,300.00) for the year 1979 to Tulane University for a research proposal submitted by CLAYTON R PAGE, III, with PAGE being designated as Principal Investigator of said project.

8. The American Society of Parasitologists is a private professional society which accepts Federal funds for its activities in addition to donations from individuals and dues from its membership.

B. The Scheme

\* → 1. Beginning on or about June 15, 1977, and continuing up to on or about February 1, 1980, in the Eastern District of Louisiana, CLAYTON R PAGE, III, did unlawfully, willfully, and knowingly devise and intend to devise a scheme to defraud the American Society of Parasitologists, the National Science Foundation, the World Health Organization, the American Cancer Society and Tulane University of money and property by means of false and fraudulent

representations, pretenses and promises as set forth fully below, well knowing the pretenses, representations, and promises would be and were false when made. The object of the defendant's scheme was to divert monies and property from their intended research or science-related purposes to unauthorized uses.

2. It was part of the scheme and artifice to defraud that the defendant PAGE applied for a research grant in the amount of FIFTY SEVEN THOUSAND FOUR HUNDRED FIFTY SIX DOLLARS (\$57,456.00) for a duration of 24 months from the National Science Foundation (NSF). PAGE made this application, as Principal Investigator, by submitting a research proposal entitled, "African Trypanosomiasis: Altered Host Amino Acid Metabolism."

3. It was a further part of the scheme and artifice to defraud that defendant PAGE requested grant approval from the World Health Organization for FIFTEEN THOUSAND ONE HUNDRED TWENTY FIVE DOLLARS (\$15,125.00) for a one year period or THIRTY THOUSAND TWO HUNDRED FIFTY DOLLARS (\$30,250.00) for a 24 month period for the same research authorized by the National Science Foundation and, further, failed to bring this to the attention of the National Science Foundation or World Health Organization.

4. It was a further part of the scheme and artifice to defraud that defendant PAGE selected a relative to work as a Laboratory Technician in the research of African Trypanosomiasis and to be paid a salary from the National Science Foundation funds for this work. This relative did not perform the laboratory work approved by the National Science Foundation. Moreover, defendant PAGE submitted time sheets in the name of the said relative from June 26, 1978 through December 27, 1979 which resulted in payments being made to the said relative from NSF funds for the same period of time.

5. It was a further part of the scheme and artifice to defraud that defendant PAGE submitted fraudulent vouchers for travel expenses and received money from the National Science Foundation for personal, non-grant expenses.



6. It was a further part of the scheme and artifice to defraud that PAGE negotiated with the National Institute of Health (NIH) for a contract to provide TWENTY THOUSAND DOLLARS AND NO CENTS (\$20,000.00) to the American Society of Parasitologists (ASP) for travel expenses of its members to attend the Fourth International Congress of Parasitologists in Warsaw, Poland from August 19 through August 26, 1978. Defendant PAGE, acting as contract officer and Secretary/Treasurer of the American Society of Parasitologists was charged with the duty to dispense these funds to members of ASP according to provisions set forth in the contract. PAGE awarded himself money for travel from these funds knowing that he had received reimbursement from another source, Tulane University. Further, PAGE knew, at the time he awarded himself the NIH money, that receiving funds from both NIH and Tulane University was prohibited by the provisions of the NIH contract.

7. It was a further part of the scheme and artifice to defraud that the defendant PAGE was awarded a grant of FOUR THOUSAND FOUR HUNDRED SIXTEEN DOLLARS (\$4,416.00) for research from the American Cancer Society. PAGE failed to comply with the conditions of this grant by submitting false statements regarding the progress of the research and by submitting false statements regarding the amount of funds expended for that work. Further, PAGE used these funds to pay his dues and membership fees in organizations, which were personal expenses and were not allowable under the grant for cancer research.



8. It was a further part of the scheme and artifice to defraud that the defendant PAGE billed two sources of funds for the same costs and diverted the excess funds to his own use. In this regard:

\*



A. PAGE charged Tulane University, Biology Department, \$290.00 for air fare to and from Minneapolis, Minnesota, and also reimbursed himself from American Society of Parasitologists funds for the same travel.

\*



FURTHER: B. PAGE charged the American Cancer Society research grant for the purchase of an automatic sequential numbering machine and other related items, and likewise submitted a copy of the same invoice for the same equipment to the American Society of Parasitologists. As Secretary/Treasurer of that society, PAGE paid himself for these items.

9. It was a further part of the scheme and artifice to defraud that defendant PAGE purchased camera equipment, film, and film processing which exceeded THREE THOUSAND DOLLARS AND NO CENTS (\$3,000.00). These expenses were charged to the NSF and WHO research grants, yet this equipment, film and film processing were not used in the grant research which was conducted at Tulane University.

10. It was further part of the scheme and artifice to defraud that defendant PAGE purchased the following entitled books with funds from the World Health Organization, knowing that such books were not related to the authorized research.

- a. Scruples;
- b. Looking for Mr. Goodbar;
- c. Dynasty;
- d. Key to Chinese Cooking;
- e. People's Republic of China Cookbook;
- f. Chinese Gardens

11. It was a further part of the scheme and artifice to defraud that defendant PAGE purchased the following entitled books with funds from the National Science Foundation, knowing that such books were not related to the authorized research.

- a. To Peking and Beyond
- b. Women and Child Care in China
- c. The Coldest Winter In Peking
- d. Peking
- e. China: History of Art

12. It was a further part of the scheme and artifice to defraud that defendant PAGE paid \$131.00 in personal dues and membership fees to professional organizations from funds provided by the National Science Foundation for research on the NSF grant.

C. Mailings

On or about the dates listed in Column A, in the Eastern District of Louisiana, CLAYTON R PAGE, III, for the purpose of executing the aforesaid scheme and artifice to defraud and for the purpose of obtaining money and property by means of false and fraudulent pretenses, representations and promises, and attempting to do so, did knowingly cause to be delivered by United States mail, according to the direction thereon, mail matter, the contents of which are listed in Column B addressed to the places listed in Column C; all in violation of Title 18, United States Code, Section 1341.

<u>COUNT</u>	<u>A</u>	<u>B</u>	<u>C</u>
1	9/21/77	letter and accompanying copies of a research proposal prepared for the Regulatory Biology Program of the National Science Foundation	Central Processing Section, National Science Foundation, Washington, D.C. 20550

2	10/1/77	Revised Proposal for a World Health Organization grant	World Health Organization, Geneva, Switzerland
3	4/6/78	a copy of a letter written by CLAYTON R PAGE, III, to Dr. Kenneth O. Phifer of the National Institute of Health which was dated 4/3/78	Dr. Betty Twarog, Regulatory Biology Program Officer, National Science Foundation, Washington, D.C. 20550
4	9/11/78	a check for payment for a Vivitar Series 1 70-210 millimeter, 3.5 F Macro Lens, more commonly known as a long range zoom lens	Educational and Cooperative Service, Inc., P.O. Box 13169 Church Street Station, New York, New York 10249
* → 5	8/8/79	a letter written by CLAYTON R PAGE, III, requesting the preparation of a check payable to PAGE for travel expenses including air-fair to Minnesota	Miss. Marty Learned, American Society of Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044
* → 6	11/7/79	a letter written by CLAYTON R PAGE, III, requesting preparation of a check for an automatic sequential numbering machine and related items	Miss Marty Learned, American Society of Parasitologists, 1617 Hillcrest, Lawrence, Kansas 66044

COUNT 7

On or about the first day of November 1978, in the Eastern District of Louisiana, CLAYTON R PAGE, III, did present to the National Institute of Health (NIH), Department of Health, Education, and Welfare for payment a claim against the United States for reimbursement for travel to Warsaw, Poland, when he knew that the claim was fraudulent in that he had already received reimbursement for the said travel from Tulane University Graduate School and thereby was ineligible for reimbursement from NIH as he then well knew; all in violation of Title 18, United States Code, Section 287.

COUNT 8

On or about the fourth day of October 1978, in the Eastern District of Louisiana, CLAYTON R PAGE, III, did present to the National Science Foundation (NSF) for payment a claim against the United States for payment for books which were purchased for his personal use and which he knew had no relationship to the NSF research project, for which the NSF funds were intended; all in violation of Title 18, United States Code, Section 287.

COUNT 9

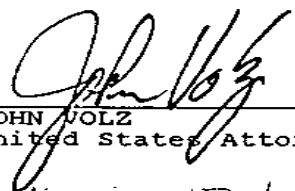
On or about the 26 day of June, 1979, in the Eastern District of Louisiana, CLAYTON R PAGE, III, did present to the National Science Foundation (NSF) for payment a claim against the United States for reimbursement for travel to Houston, Texas, when he knew that the claim was fraudulent in that the travel expenses were incurred by the defendant and his family for a personal trip which was not reimbursable from funds provided to Tulane University for the NSF research project grant; all in violation of Title 18, United States Code, Section 287.

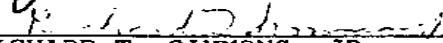
COUNT 10

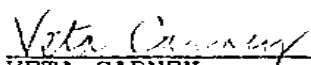
On or about the 22 day of October, 1979, in the Eastern District of Louisiana, CLAYTON R PAGE, III, willfully and knowingly concealed and covered up by a trick, scheme and device, a material fact in a matter within the jurisdiction of the National Science Foundation (NSF), an Agency of the United States, in that he submitted a travel expense voucher with an attached motel receipt to the NSF through Tulane University for payment from the NSF grant funds knowing that the said receipt had been altered to conceal the fact that the expenses represented by the receipt included costs for persons not entitled to claim reimbursement from the NSF grant with the intent to convert the excess reimbursement to his own use, and conceal and cover up fraudulent expenses and the true purpose for the travel; all in violation of Title 18, United States Code, Section 1001.

A TRUE BILL

  
FOREMAN

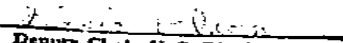
  
JOHN VOLZ  
United States Attorney

  
RICHARD T. SIMMONS, JR.  
Assistant U.S. Attorney  
Chief, Criminal

  
VETA CARNEY  
Assistant U.S. Attorney

**CLERK'S OFFICE**  
A TRUE COPY

JUN 13 1980

  
Deputy Clerk, U. S. District Court  
Eastern District of Louisiana  
New Orleans, La.

FOURTEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK            2-4 April 1981

PROGRAM

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**Friday, 3 April 1981**

- M.S.R. Williams, University of Arkansas, Fayetteville, AR, and ULRC Imperial College, London, UK, "On the taxonomy of U.K. and U.S. isolates of the genus *Panagrolaimus*."
- G.A. Kubat, A.A. Kocan, M.G. Shaw and K. Waldrup, Oklahoma State University, Stillwater, OK, "Distribution of meningeal worm (*Parelaphostrongylus tenuis*) in white-tailed deer in Oklahoma."
- K.A. Waldrup, G.C. Iverson, A.A. Kocan and P.A. Vohs, Oklahoma State University, Stillwater, OK, "Helminth parasites of sandhill cranes from mid-continental North America."
- D. Bell and J.K. Moore, The University of New Mexico, Albuquerque, NM, "Histopathology of *Plagiorhynchus* (*Prosthorhynchus*) *formosus* in the starling (*Sturnus vulgaris*)."
- C. Atkinson, Louisiana State University Medical Center, New Orleans, LA, "Two new coccidians from the ground skink, *Scincella lateralis*, in Louisiana."
- D.W. Duszynski, S.J. Upton and D.S. Mattison, The University of New Mexico, Albuquerque, NM, "Development of *Eimeria funduli* in *Fundulus heteroclitus*."
- A.A. Kocan, K. Waldrup and G. Kubat, Oklahoma State University, Stillwater, OK, "Scanning electron microscope observations of adult *Heterobilharzia americana*."
- R.E. Kuntz, T.C. Huang and J.A. Moore, Southwest Foundation for Research and Education, San Antonio, TX, "The definitive host in Schistosomiasis haematobia."
- S.K. File, University of Texas Medical Branch, Galveston, TX, "Cytotoxicity of *Schistosoma japonicum* eggs for cells *in vitro*."
- S. Kirkconnell and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Proteolytic enzymes from *Schistosoma mansoni* eggs."
- T.P. Yoshino, University of Oklahoma, Norman, OK, "Association of snail hemocyte-like antigens with the surface membranes of larval *Schistosoma mansoni*."
- W.M. Kemp and K. Rasmussen, Texas A&M University, College Station, TX, "Demonstration of Fc receptor associated homospecific antibody on the tegumental surfaces of *Schistosoma mansoni*."
- R.E. Davis and L.S. Roberts, Texas Tech University, Lubbock, TX, "Nucleotide metabolism in the adult rat tapeworm, *Hymenolepis diminuta*: Preliminary studies on the *de novo* and salvage pathways of nucleotide metabolism."
- B.L. Allen, W.J. Landsperger, D.W. Fodge and B.G. Harris, North Texas State University, Denton, TX, "Malic enzyme from *Ascaris suum*: Studies on an essential sulfhydryl group."

- M.J. Donahue, N.J. Yacoub, C. Michnoff, R.A. Masaracchia and B.G. Harris, North Texas State University, Denton, TX, "Serotonin (5-hydroxytryptamine): A possible regulator of glycogenolysis in perfused muscle-cuticle segments of *Ascaris suum*."
- T. Srihari, W. Wiehrer, D. Pette and B.G. Harris, University of Konstanz, Konstanz, Federal Republic of Germany, and North Texas State University, Denton, TX, "Electrophoretic analysis of myofibrillar proteins from the body wall muscle of *Ascaris suum*."
- K.S. Bost and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Permeability of the basement membrane of the intestine of *Ascaris suum*: A further study."
- G.W. Kramar and G.L. Stewart, University of Texas, Arlington, TX, "Evaluation of some aspects of the technique for determining fecundity of adult *Trichinella spiralis* *in vitro*."
- L. Charniga, G.L. Stewart and G.W. Kramar, University of Texas, Arlington, TX, "A possible basis for host sex-related differences in the biology of *Trichinella spiralis*."
- J.M. Palmer and G.A. Castro, University of Texas Medical School, Houston, TX, "Alterations of small intestine myoelectric activity in rats infected with *Trichinella spiralis*."
- G.R. Bullick and G.A. Castro, University of Texas Medical School, Houston, TX, "Changes in epithelial transport associated with rapid rejection of enteric stages of *Trichinella spiralis*."

#### **Saturday, 4 April 1981**

- J. Caruso, A.K. Prestwood and M.M. Bradford, University of Georgia, Athens, GA, "Studies on the immunology of *Sarcocystis* spp. I. Immunochemistry."
- D.T. John and R.G. May, Oral Roberts University School of Medicine, Tulsa, OK, "Infection of mice by *Naegleria fowleri* following intravenous inoculation."
- J.W. Hauswirth and L.G. Warren, Louisiana State University, Baton Rouge, LA, "Preliminary studies of the incorporation of hydrogenase from *Bacteroides symbiosus* by *Entamoeba histolytica*."
- P. Diffley, J.E. Strickler and A.N. Jayawardena, Yale University School of Medicine, New Haven, CT, "Comparative analysis of procedures used to isolate variant antigen from trypanosomes and from plasma of infected hosts."
- G.M. Eastham, K.H. Rieckmann and D.W. Duszynski, The University of New Mexico School of Medicine, Albuquerque, NM, "Assessing the *in vivo* susceptibility of *Plasmodium falciparum* to pyrimethamine-sulfadoxine by *in vitro* microtechnique."
- S.P. Schmidt, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Characterization of adenylate cyclase from the salivary gland of *Ambylomma americanum*."
- J.E. Hall, N. McKenzie, A.I. Scott and J.R. Seed, Texas A&M University, College Station, TX, and University of Edinburgh, Edinburgh, Scotland, "Nuclear magnetic resonance studies of <sup>13</sup>C-glucose catabolism in *Trypanosoma brucei gambiense*."
- J.C. Fox, D.W. MacVean, and K.K. Kocan, Oklahoma State University, Stillwater, OK, "Endemic canine leishmaniasis in Oklahoma."

### Special Presentation at the Business Meeting

D.V. Moore, University of Texas Southwestern Medical School, Dallas, TX, "Comments on the career of Robert E. Kuntz."

### Poster Presentations

R.S. Copeland, Louisiana State University Medical Center, New Orleans, LA, "An electron microscopic study of dengue virus in *Aedes aegypti* (L.) salivary glands."

E.S. Head, E. MacDonald, A. Ewert and P. Apisarnthanarax, University of Texas Medical Branch, Galveston, TX, "*Sarcoptes scabiei* in the human skin."

N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Manipulation studies of *Haemato-loechus coloradensis* (Digenea: Plagiorchiidae) in aquatic enclosures."

G.M. Eastham and K.H. Rieckmann, The University of New Mexico School of Medicine, Albuquerque, NM, "Field incubator for measuring drug susceptibility of *Plasmodium falciparum*."

H.T. Underwood and N.O. Dronen, Jr., Texas A&M University, College Station, TX, "Ecological studies on the endohelminths of fish from the upper San Marcos River."



## MINUTES OF THE 14<sup>TH</sup> ANNUAL SWAP MEETING, 1981

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Fourteenth Annual Meeting  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
University of Oklahoma Biological Station  
Lake Texoma  
April 2-4, 1981

David G. Huffman  
Secretary-Treasurer

Call to order 7:30, April 3, President Mike Kemp.

1. Dr. Dronen moved that President Kemp suspend the rules of order for a special presentation. Dr. Seed seconded.
  - a. Dr. Moore gave an interesting "roast" of Dr. Robert E. Kuntz who is soon to retire (copy of speech attached) and presented a book of letters from colleagues to Dr. Kuntz.
  - b. Dr. Huffman presented Dr. Loren Hill with a check for \$40.00 in appreciation for UOBS' gracious hosting of SWAP. This \$40.00 was collected from donations submitted following a recommendation by Dr. Sogandares during the previous meeting.
2. Resumption of regular business meeting by Dr. Kemp at 8:20.
3. Secretary-Treasurer's report. Dr. Huffman referred to handout and asked for a motion to accept. Dr. Moore moved acceptance - several seconds -carried.
4. Committee reports.
  - a. Membership - Dr. Huffman referred to handout (see attachment). Also noted that he enrolled 32 new student members and 2 new professional members. Eighty-eight members registered. Indicated that a membership directory was available and would be available again next year. A total of 107 persons were in attendance, 88 of whom were members.
  - b. Auditing - Dr. Coil. Indicated that the books were in order. Dr. Coil did not submit a written report but initialed Dr. Huffman's official Treasurer's report.
  - c. Representative to ASP Council - Dr. Janovy submitted written report (see attachment).
  - d. Nominating committee - Dr. Dresden. New officers are: President - John Ubelaker; Vice-President Larry Roberts; Representative to ASP Council, John Janovy.
  - e. Resolutions Committee - Dr. Warren read a resolution concerning the meeting (see attachment).
5. Old Business
  - a. SWAP History - Dr. Duszynski again appealed for notes on history.
  - b. Old checks - Dr. Huffman indicated that the registration checks for 1979 that had not been processed were actually lost but had been found. Linda (UOBS Secretary) is returning the checks to senders asking them to mail a new check.
6. New Business

- a. Expenses - Dr. Huffman
  - (1) Dues not increased since 1975 but costs-have increased dramatically (see Sec.-Treasurer's report).
  - (2) Recommended
    - (a) Do not raise dues
    - (b) Charge registration fee
    - (c) Revise program format
    - (d) Reduce mailing-list
  - (3) Dr. Coil moved that the Secretary-Treasurer use his discretion regarding changes in the style of the program. Second by Dr. Becker - Carried.
  - (4) Dr. Moore moved that the Vice President and Secretary-Treasurer set the registration fee for each meeting. Seconded by Dr. Becker Considerable discussion ensued:
    - Dr. Tuff - spouses are guests.
    - Dr. Duszynski - solicit business donations to help out.
    - Dr. Seed - raise dues by small amount to make it easier on students.
    - Dr. Huffman - raising dues would make everyone pay for refreshments, whether in attendance or not.
    - Dr. Coil - why leave President out?
    - Dr. Kemp - president's job is supposed to be easy!
    - Dr. Huffman - registration fee could be adjusted but changing dues requires constitutional amendment.
  - (5) Question - carried
- b. Constitutional amendments
  - (1) Dr. Kemp indicated that membership had had plenty of time to study amendments by now and should be prepared to recommend changes or vote.
  - (2) Dr. Huffman indicated that there are two classes of changes that could be made:
    - (a) Minor technical changes to amendments or deletion of amendments - would not require another mailout.
    - (b) Changes of meaning or additions would require another mailout before amendment could be approved next year.
  - (3) Dr. Moore moved that all amendments be accepted "as is." Seconded by Dr. Warren.
    - (a) Dr. Becker indicated that the wording of the amendments was "our best in interpretation" of the authors of amendments proposed at past meetings.
    - (b) Dr. Moore indicated that he was the one who had proposed the most complicated amendments and that he thought the committee had done a good job.
  - (4) Question - carried
- c. Dr. Ubelaker moved that Dr. Kuntz be granted honorary membership in SWAP. Dr. Huffman seconded. Carried.
- d. Dr. Kemp commended Dr. Ubelaker and Huffman for meeting preparations.
- e. Gavel was passed to Dr. Ubelaker who adjourned meeting at 9:15.

**A FRIENDLY ROAST OF DR. BOB KUNTZ, PRESENTED BY DR. DON MOORE, APRIL 3, 1981,  
to Help Celebrate His Upcoming Retirement. This Presentation Was Made During  
the Business Meeting of the 14<sup>th</sup> SWAP meeting, Lake Texoma, OK.**

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COMMENTS ON THE CAREER OF  
ROBERT E. KUNTZ  
by  
Donald V. Moore

Presented at the 14th Annual Meeting of the Southwestern Association of Parasitologists, University of Oklahoma Biological Station, Lake Texoma, April 3, 1981.

ROBERT E. KUNTZ

The month of February stands out in our minds as the month when famous people like Abraham Lincoln and George Washington were born. Although our calendars say that George Washington was born on February 22nd, Congress has decreed that we celebrate this day on February 16th in 1981.

I was pleased to learn that the Executive Committee of SWAP has decreed that we celebrate February 23rd on April 3rd this year, for it was on February 23rd that another famous person was born. On this date a healthy male child was born to Mr. and Mrs. Kuntz of Lawton, Oklahoma. After the passage of years this child has reached the point where he is seriously considering retirement. A number of his friends, known as "The Committee of Six," felt that this event should not pass unnoticed. It is the purpose of this session of the 14th Annual Meeting of the Southwestern Association of Parasitologists to pay tribute to our own Dr. Robert E. Kuntz.

If someone were to ask you whether or not you know Dr. Robert Kuntz, everyone in this room would answer without hesitation, "Sure, I know Bob Kuntz. He is a friend of mine." But, do you really know him?

When asked to serve as "Roastmaster" for this celebration and started thinking about how this assignment should be handled, I realized that I didn't know him at all. This came as quite a shock, especially when, aside from Dr. Teague Self and Nedra Kuntz, I have known Bob Kuntz longer than anyone else in this room. Some of the prized Egyptian stamps in my collection were removed from letters from Bob Kuntz when he was at NAMRU III, 1948-1953. I enlisted the aid of some of his professors such as Dr. Self, Dr. Hopla and several of his colleagues in San Antonio. I would like to take this opportunity to thank all of these people for their marvelous help. This assignment has had its ups and downs. The first letter received started like this - "Since I was Bob Kuntz' first major professor I should be able to provide a lot of juicy stuff about him. The facts are that he has been such a structured person that he has not created a lot of that type of excitement."

Based on available evidence we can conclude that Bob Kuntz is a natural born naturalist. By the time he entered high school in Lawton,

Oklahoma he knew every nook and cranny of the Wichita Mountains and wandered the hills and streams of Southwestern Oklahoma looking for anything that kicked or moved, especially reptiles and amphibia. In high school Bob came under the influence of a truly great teacher, Ms. Lillie Stafford. She not only encouraged his desire to learn more about animals in his environment but she made Bob Kuntz her special protege and guided him to the University of Oklahoma to train as a biologist.

Bob entered the University of Oklahoma with the avowed purpose of becoming an outdoors biologist. The chairman of the Zoology Department, Dr. Aute Richards, a comparative embryologist did not think that this was a very dignified type of biology and was short in patience with anyone interested in Natural History. He set out to retrain Bob to become a laboratory biologist who drew lots of pictures of cells, embryos, etc. One day Bob was assigned a special seminar presentation on the development of a feather germ in the chick. Shortly before time for the seminar Bob took off for the South Canadian River to collect some amphibians he had been watching. He became so engrossed in what he was doing that he completely forgot about the seminar. Meanwhile, back at the Zoology Department, Professor Richards was nearing tantrum proportions when someone informed him that Bob was down on the river watching frogs. Professor Richards was so incensed that he called the campus police (consisting of one man) to bring that impertinent young man back to the campus to carry out his responsibilities immediately. The campus policeman knew exactly where to find Bob. He also knew that Dr. Richards's wrath would by now have reached epic proportions, so he joined Bob in collecting frogs and didn't tell him the purpose of his visit until late in the evening. Bob did not see Professor Richards until the next morning. By then Professor Richards was so disgusted that anyone would have such a strong commitment to natural history that he had reached a stage of virtual neutrality and the conclusion that he could not "save" Bob. He also predicted that Bob would never become a respectable biologist and would never amount to anything as a scientist.

In due time Bob applied for graduate work in the Zoology Department. Now Professor Richards really liked Bob very much and didn't want to turn him down, he just didn't think he was going to make a respectable biologist. He looked around his department wondering who he could stick with this incorrigible naturalist. There happened to be a young instructor in the department just getting started. Professor Richards said, "I know what to do with this guy. Let's give him to young Self!"

Dr. J. Teague Self and Bob Kuntz hit it off very well and Bob completed the requirements for a master's degree, writing a thesis with special emphasis on amphibian parasites. This experience fired Bob's enthusiasm about parasites to the extent that he announced that he was going to do a Ph.D. in Parasitology. Fortunately two members of the zoology faculty had become greatly impressed with Bob's eternal striving for knowledge about the animals he chased. One was Dr. A.I. Ortenburger, a herpetologist, who had been barraged with millions of questions from Bob about reptiles and amphibia. The other was Dr. J.

Teague Self who, in spite of the fact that Bob constantly embarrassed his mentor by having more knowledge about the host animals, felt very strongly that this student of his was going places. These two men stuck their necks out and wrote strong letters recommending Bob for an assistantship and for admission as a graduate student. The letters were sent to Dr. George R. LaRue, whom Dr. Ortenburger knew quite well. Bob was accepted and late Dr. LaRue wrote these men thanking them for sending him the best laboratory teaching assistant he'd had since becoming chairman. In addition to keeping the student labs going in an orderly manner, Bob always livened up his labs by pulling out of his pocket a snake, a lizard, toad or frog.

Just before he got his Ph.D., World War II came along interrupting his graduate work. Bob submitted an application for a commission to the Naval Medical Corp as a metalurgist. When the papers arrived for his signature Bob said, "I'm sure that they understand what I want but I am going to read this one more time before I sign it." Such meticulous care can be evidenced in all of his papers and research work. Upon reading the document Bob learned that he was about to go into the Navy as a metalurgist. Some secretary obviously observed that both words began with an m. One can't help but wonder what might have happened if Bob Kuntz had gone through the war as a metalurgist instead of a malariologist. Would we now have some valuable bronze sculptures of reptiles and amphibians from far away places?

At first Bob was assigned as a staff member of the Naval Medical School in Bethesda. Here he played a major role in producing the Manual of Parasitology. This manual contains excellent illustrations of life cycles and protozoa. I give my students copies of these life cycles and use 2 x 2 copies of the diagrams of intestinal protozoa in my lectures today. Every year my students ask me about the Naval Medical School.

It wasn't long before the Navy sent him to the Southwest Pacific Islands where as Lt. SG he was placed in charge of a Naval Malaria Control Unit. After he and his men finished their official work each day they were off on collecting expeditions. They collected everything they could get their hands on. These collections were sent to specialists all over the world for study. Many of the great collections of parasites, shells, mammals, reptiles, amphibians, etc. in museums around the world are the result of the off-duty efforts of Bob and his men.

Queen Wilhemina of the Netherlands paid a visit to the laboratory while she was in the South Pacific. Bob captured her attention and disrupted her schedule when he proceeded to give her a lecture on the Parasites of Man in the South Pacific.

After the war he completed his Ph.D. work at Michigan and chose a career in the Navy. He then spent about three years at the Naval Medical Research Institute. In 1948 he was assigned to NAMRU III in Cairo, Egypt. Bob went over first and his wife, Nedra, came later. He had assured Nedra that the unrest and antagonistic attitude toward Americans would be of little concern to her. Bob picked Nedra up at the

airport and was driving toward their quarters when a gang of irate people attacked the car they were in and rocked it vigorously for several minutes. Unfortunately, I was not able to find out what Nedra said to Bob when they got to their quarters.

One day in Egypt one of the Chief Petty Officers asked to see Captain Kuntz on a personal matter. Typically Captain Kuntz, always willing to help anyone agreed to see the CPO. The man explained that he was having some real problems with his young son. He further stated that he had noted that Capt. Kuntz' children were always well behaved and seemed very mature. He wanted advice on how he could correct the problems he was having with his own son.

Captain Kuntz leaned back in his chair and without hesitation stated, "The manner, direction and force with which a small, flexible organic outgrowth is directed by strain and tension largely determines the manner and form it will assume in maturity."

The CPO thanked Captain Kuntz for his help and left the office with a furrowed brow. That evening and the following day the CPO and his wife discussed this sage advice without making any progress toward understanding what was said. The following day like a bolt from the blue, they realized that Captain Kuntz had told them "as the twig is bent, the tree is inclined."

You see Bob was putting into practice the training he had received at the University of Oklahoma. One day Dr. Self was in Bob's lab assisting him with the identification of a trematode and was having considerable trouble keeping the microscope in focus because of a loose screw.

Dr. Self turned to young Bob and said, "To unite at the earliest possible moment by passing a thin continuous fiber of vegetable composition through two flat pieces of substance made of pliable woven vegetable fibers enables one to spare one's self the effort of uniting said pieces of pliable fibers by the same method nine times." He rushed out to meet a class.

Only later when the ailing microscope crushed the coverslip on one of Dr. Self's type specimens did Bob realize that Dr. Self had told him "A stitch in time saves nine."

One of my informants wrote that Bob Kuntz rarely lends himself to predicaments that might be embarrassing except when he has a camera in his hand. We find that during his sojourn in Egypt he was arrested at least twice. He was released only after considerable haggling by our State Department. He has climbed the largest pyramid not once but three times without stopping to rest.

As in the South Pacific, Bob continued his collecting activities even more vigorously. On one occasion the British were going to carry out a wild animal destruction program in East Africa to control the tsetse fly. Bob tried to join the group as a parasitologist but they wouldn't take him. This rejection didn't faze him. He got assigned to the group as the official photographer. On the trip Bob tried to autopsy and collect parasites from every animal killed. Incidentally,

he took a few pictures to justify his assignment. As before, Bob collected everything he could get his hands on in Egypt, referring them to specialists throughout the world.

After Egypt, Bob spent about four years at the Naval Medical Research Institute in Bethesda, then was assigned to NAMRU II in Taiwan. In addition to his regular duties he continued his collecting and thousands of specimens came out of Taiwan for study by the specialists of the world. Here the Kuntz family

lived in a thatch-covered house out in the country and kept all kinds of native animals just for the fun of it. This menagerie included a number of snakes. It was here that Bob was bitten by a cobra. He was prepared; he grabbed a razor blade; slitting the bite wide open he sucked out at least 100 ml of blood. The bitten area didn't even swell.

Bob kept a medium sized boa in a bag hanging on the knob of the bedroom door. Nedra's mother was visiting the Kuntz family and one day she decided to take a nap on the bed in their room.

Somehow the boa decided that Bob's mother-in-law needed companionship in the bed. Again there are items of interest that I have been unable to obtain: 1. How long did it take for Bob to train this "Attack Boa"? 2. What did his mother-in-law say to Bob when she woke up?

In my personal library is a book of which I am proud. It is entitled "Snakes of Taiwan" by Captain Robert E. Kuntz. It contains many beautiful color photographs all done by Capt. Kuntz.

In 1962 the tour of duty in Taiwan came to an end and Capt. Kuntz was reassigned to the Naval Medical Research Institute with no specific assignment. Bob didn't sit around; he wrote a program for research dealing with Schistosoma haematobium and presented it to his commanding officer for approval. The CO was utterly surprised and called Bob in. He wasted no time. "What do you want to do all that for? You have it made. All you have to do is go back to your office and sit it out to retirement!" The CO turned the project down.

This was too much for Captain Kuntz who said, "To Hell with this." He applied for early retirement and in 1964 he became Director of the Division of Parasitology at the Southwest Foundation for Research and Education in San Antonio. Personally I was delighted to hear the news. I had seen our discipline of parasitology expanding in the southwest and knew that with Bob Kuntz in San Antonio we could count on further expansion. On March 23, 1968, a group of interested persons met in San Antonio, Texas and the Southwestern Association of Parasitologists was formed, a set of by-laws adopted, officers were elected and plans were made for the second meeting in New Orleans. Without the splendid assistance of Bob Kuntz and his staff we would have had trouble getting this organization off the ground. Those of you who have regularly attended the SWAP meetings over the years will realize that in spite of his Navy CO, Bob has indeed put into operation his research plan on S. haematobium. It has been done in San Antonio instead of Bethesda.

In connection with his work at the Foundation Bob has made several trips to Africa. On such trips he likes to find out all he can about the people. Jerry Moore accompanied him on one of these trips. The two of them worked out a plan when they went on certain excursions with the White Hunter. Jerry would wear some particularly colorful cut-offs and his adorable red, white and blue campaign hat. Dressed like this he attracted the attention of the native population who gathered around in awe of this white American person. Bob would wander off adjusting his camera and turning to shoot pictures of the colorful native children. One day there were two Massai warriors in the group. They were bedecked in loin cloths with red ochered hair and red-orange coloring on their faces and chests. They were holding rather formidable looking spears. Being hunters their keen eyes detected Bob actually sterilizing the young males of the village by capturing their image in that box. Pandemonium broke loose and a heated argument ensued between the warriors and the White Hunter. Fortunately, the White Hunter was a blood brother Massai and saved the skins of Bob and Jerry. Bob was ready to offer an amount of restitution for his obvious blunder.

Anyone who has talked with any of the San Antonio group knows that they go on periodic fishing trips to the Gulf. Bob is always a member of the fishing party and he is always prepared for any emergency. It is rumored that the Boy Scouts got their motto from Bob. It usually takes a two and a half ton truck to haul the gear for a party of six. His fishing buddies never say anything but raise their eyebrows at the amount of equipment, back-up equipment, food, beverages, clothing for all types of weather, medications, etc. If anything is left behind others have to spend the trip listening to unmerciful self-criticism and promises of future avoidance of similar situations. If anyone in the party forgets some important item Bob always has a spare.

One would expect a former Navy captain to be an expert in handling a boat. On one of these fishing expeditions with Pat Hollis, Bob was navigating to get the boat in proper position to fish in the trout hole. This required dropping anchor then drifting into the hole. On command from the captain, the anchor was dropped. The captain had failed to note that the wind and the tide were opposing each other and the boat started drifting into other boats. The motor was started to avoid collisions but it soon quit due to the fact that the anchor line was fouled up in the propeller blades. The captain ordered Pat astern to correct the situation. With one more loop to unwind, a four-foot wave from a passing shrimper was seen rushing toward the boat. It crashed aboard flooding the cockpit with some three hundred gallons of water. Pat quickly cut the anchor line because a second wave was approaching. Fortunately the motor started and they slowly started to move. It took nearly twenty minutes to drain the water out through the drain plug. They gave up fishing for the day and headed for shore. After getting the boat on the trailer, they broke out the beer and congratulated themselves on having lost only the anchor and a bottle of suntan lotion. As they stood there reliving the harrowing experience they heard the raucous laughing cry of a laughing gull above. Both were duly anointed by the gull.



Looking back on his overseas experiences, Bob has commented, "It is unbelievable that the government paid me to see and work in all those wonderful places from the Solomons to Taiwan!" He still travels, reliving many of his overseas trips in dreams. On one of the fishing trips Bob was up early complaining about being worn out. His companions asked what country he had visited in his dreams. "I dreamed that I was in India dining in a fancy restaurant. The service was lavish, the food extraordinary. We enjoyed the meal immensely. Afterward the waiter presented a bill for \$237.43 and I have been arguing all night about the bill."

His companions commented about the size of the bill and they hoped the meal was worth it.

Bob replied, "Yea, he overcharged me. We argued all night about that 43 cents."

A few years ago during a survey of blood parasites from reptiles someone brought to Jerry Moore a particularly fine specimen of a coral snake. After keeping the snake around the lab for several days, it was decided that Bob should take it home to avoid any repercussions from the powers that be of the Foundation. Now, Bob has a slight problem - he misplaces things and often forgets that he has things around. At this time Bob and Nedra had house guests for more days than expected. In due time Bob remembered that the coral snake was in a bag in the house. When he found the bag it was empty. Being the perfect host he warned the guests of the potential danger. The guests departed rapidly, having suddenly remembered a pressing commitment.

Dr. Kuntz has continued his collections. On one of his trips to Africa he and Jerry picked ticks from over two hundred inhabitants of the Johnathan Leakey snake farm in Kenya. These specimens are on deposit in the Smithsonian. Bob has made some of the world's largest collections of not only all the major groups of parasites but also of molluscs, amphibian reptiles and mammals. Over five hundred papers have resulted from these collections and more will be published.

Although our primary purpose is to pay tribute to Dr. Robert E. Kuntz, we should give special recognition to his lovely wife, Nedra, for having put up with snakes, amphibia and numerous other pets. We are honored that Nedra is here at this meeting.

I have purposely avoided reviewing Dr. Kuntz' scientific accomplishments. If this were a class I would now announce that your homework assignment is to read all of Dr. Kuntz' publications between now and the next SWAP meeting.

Bob, as you look toward this major step we call retirement you are undoubtedly experiencing mixed emotions. On the one hand you are eagerly anticipating having time to do many things which you have not found time to do because of job pressures. On the other hand you are undoubtedly thinking about the things you intended to do during your career but never found the time.

A true scholar such as you can not help but be discouraged when consideration is given to how little remains in the mind of all that

is heard, seen or studied and how little has been discovered by one's own efforts.

Such feelings are not new. Sir Isaac Newton confessed to such feelings when he stated, "To myself I seem to have been a boy playing on the seashore and diverting myself now and then by finding a smoother pebble or a prettier shell, while the great ocean of truth lay undiscovered before me."

Let me assure you that your peers and colleagues consider that you found many smooth shiny pebbles and many pretty shells, all of which will be remembered and fit into that mosaic we see as the ocean of truth.

**UNDATED LETTER FROM SECRETARY-TREASURER DAVID HUFFMAN TO THE MEMBERS OF SWAP,  
Listing Seven Proposed Amendments to SWAP'S Constitution and Discussing the Rationale for Each.  
These Amendments Were Adopted at the 14<sup>th</sup> Annual Business Meeting, April 3, 1981.**

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Dear Members of SWAP:

President Mike Kemp has charged me with bringing our constitution up to date so as to reflect the intent of amendments from the minutes of past meetings. Dave Becker and Tom Meade, past Secretary-Treasurers, were appointed to advise me.

I could only find two motions in the minutes that led to recommendations for constitutional amendment and these recommended amendments are listed in the attachment to the constitution as amendments 1-4. While studying the constitution and trying to manage our records, I uncovered three additional problems which I would like to correct by proposing amendments 5, 6 and 7.

Amendments from the Minutes

During the meeting of April 19, 1975, a motion was passed to raise dues for student members from \$1.00 to \$2.00 and for full members from \$2.00 to \$4.00. I believe this rate will be sufficient to carry us through several more years of inflation. I have entered this motion in the attachment as Amendment #1.

The next changes have to do with the election and term of the ASP Representative. I quote from the minutes of the April 22, 1977 meeting for background:

President Lumsden suggested that the SWAP Constitution be amended to indicate that the SWAP representative to the Council of ASP be elected by the membership of SWAP.

Dr. Sogandares moved and Dr. Moore seconded the motion that Article V Section 4 of the Constitution of SWAP be amended to read: "Representatives to other scientific organizations be elected by the membership of SWAP." A discussion ensued concerning the fact that Article IV Section 1 of the Constitution of SWAP would then have to be amended to read: "The officers of the Association shall be President, Vice President, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists." Dr. Sogandares moved to amend the motion (seconded by Dr. Russell) that this be implemented. A discussion followed centering around the length of the term of office for the SWAP representative to the Council of ASP. Dr. Moore moved and Dr. Sogandares seconded a substitute motion that Article V Section 4 of the Constitution of SWAP read: "The President shall appoint any ad hoc committees which he/she or the Executive Committee deem necessary, and representatives to other scientific organizations. The term of office for the Association's representative to the Council of the American Society of Parasitologists shall be one year, with one person elected to no more than

two additional one-year terms of office." The substitute motion passed by a show of hands (30 yes, 9 no).

The intent of the Moore/Sogandares substitute motion is clearly that the office of ASP Representative shall be an elected, rather than an appointed office, and that his term shall be one year with possible re-election to two additional terms. However, the authors recommended that Article V, Section 4 should be so amended and I believe this would be confusing because of the way the constitution is organized. Consequently, I am taking the liberty of breaking up the above substitute motion into several amendments, which still retain what I perceive to be the intent of the original amendment intact, but such that the changes will be made in more appropriate regions of the constitution. These are amendments 2, 3 and 4.

#### New Amendments Proposed by the Secretary-Treasurer

Article IX is a little ambiguous and I would like to recommend Amendment #5 to clear it up.

Amendment #6 is proposed to help clear up some book-keeping problems of the office of Secretary-Treasurer. It essentially establishes our membership year to coincide with the calendar year. I recently had a batch of new membership cards printed on which I am keeping track of the dues history for each member, following an example handed down to me by Dave Becker and Tom Meade. The constitution does not clearly indicate when I should drop a member with delinquent dues, and makes no provision for collection of past dues when someone skips a year but still receives mailings.

Most of you have "1980" on your membership cards, since you paid last spring. That provides active membership for you through December 31, 1980. Please check your mailing label for a red mark.

If there is no red mark, you should return the dues notice with your 1981 dues, which will provide active membership through December, 1981. If there is one red mark, then you owe dues for this year and last year and will be dropped from the mailing list if you have not paid by the end of the 1981 meeting. Two red marks indicate that you owe dues for 1981 and the two previous years, and that you are receiving this mailing only because I want to make sure that all of our active members get notice of the change in dues policy.

It is possible that while transferring files from Dave Becker's office to mine, or while transcribing your dues history to the new cards, a mistake may have occurred. If so, a simple explanation will suffice to set our records straight. (No hate mail, please!)

Back to the constitutional amendments . . . Article X indicates we should use the 1951 edition of Robert's Rules, but a new expanded edition was published shortly after the constitution was drafted and so I am recommending Amendment 7 to bring Article X up to date.

#### Constitutional Revision?

If we can approve these amendments, I would then like to propose that we consider revising the constitution so as to incorporate the amendments into the body of the instrument. If this proposal is moved,

seconded and approved by majority present, I will retype the constitution next year and send a copy of the revision with the call for papers next winter, and we can then vote to accept the revised edition (by 2/3) and be done with this business.

General Comments

Please note that any further changes to the constitution recommended at our next meeting can only be approved as amendments at the 1982 meeting after the rest of the membership has been notified by mail.

I will close with a request that you be prepared to discuss the constitution and amendments so we can get this settled. I would also like to point out that there were very few ballots returned last year. Please vote and mail your ballot immediately! Thank you, and have a safe trip to UOBS.

Sincerely,

David G. Huffman, Ph.D.  
Secretary-Treasurer of SWAP

DGH:sh

P.S. Please note on your calendar that our 1981 meeting will be the first weekend in April rather than the usual third weekend. We had to make this change to avoid a conflict with Easter.

Amendment 1.

Article VII, Section 1 shall be amended to read: "The annual membership dues for full members shall be four dollars (\$4.00) and for student members shall be two dollars (\$2.00), payable at the time of application for membership and thereafter at the time of the annual meeting."

Amendment 2.

Article IV, Section 1 shall be amended to read: "The officers of the Association shall be President, Vice-President, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists (hereinafter referred to as ASP Representative)."

Amendment 3.

Article IV, Section 3a shall be added as follows: "The term of the ASP Representative shall be one (1) year, beginning at the close of the annual meeting. The ASP Representative may be reelected to a maximum of two additional terms of one (1) year each."

Amendment 4.

Article V, Section 4 shall be amended to read: "The President shall appoint any ad hoc committees which he or the Executive Committee deem necessary, and representatives to scientific organizations other than the American Society of Parasitologists."

Amendment 5.

Article IX shall be amended to read: "Any proposed amendment shall be sent to the membership at least sixty (60) days prior to the annual meeting. Proposed amendments shall be adopted if approved by two-thirds(2/3) of the members voting by mail ballot or by show of hands at the next annual meeting."

Amendment 6.

Article VII, Section 2 shall be amended to read: "Members whose dues records are delinquent for the previous two (2) years at the close of the annual meeting will be considered to have resigned from the Association and will be dropped from the mailing list. Reinstatement will require the payment of current dues and the delinquent dues of the previous year."

Amendment 7.

Article X shall be amended by inserting the word "Newly" immediately before the word "Revised."

FIFTEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK 15-17 April 1982

PROGRAM

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**Friday, 16 April 1982**

- T.J. Isch and J.C. Fox, Oklahoma State University, Stillwater, OK, "A prevalence study of feline toxoplasmosis in Oklahoma."
- P.T. Franks, J.C. Fox and K.M. Kocan, Oklahoma State University, Stillwater, OK, "The detection of *Anaplasma marginate* in ticks by FIAX<sup>®</sup> methodology."
- J.C. Fox, D.W. MacVean and S.M. Harmon, Oklahoma State University, Stillwater, OK, "Sero-logical survey of bovine sarcocystosis in Oklahoma using a FIAX<sup>®</sup> fluorometric assay."
- K.K. McKenzie and J.C. Fox, Oklahoma State University, Stillwater, OK, "Comparison of leish-manial promastigotes using electron microscopy."
- B.G. Harris, M.R. Kaeini and H.W. Hofer, North Texas State University, Denton, TX, and University of Konstanz, Konstanz, Federal Republic of Germany, "Glycolytic regulation in *Ascaris suum* muscle by phosphofructokinase."
- H. Nolla, J.R. Bristol and L.F. Mayberry, University of Texas, El Paso, TX, "Small bowel glucose absorption and water flux in rats infected with *Nippostrongylus brasiliensis*."
- R.J. Gamble and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Microelectrode measurements of cell sodium in *Ascaris suum*: Effects of some anthelmintics."
- J.A. Starling, C.A. Abel, R.L. Inman and J.G. Boylan, University of Missouri, St. Louis, MO, "Partial purification and characterization of trehalase from female *Moniliformis dubius* (Acantho-cephala)."
- F. Hollenberg and J.A. Starling, University of Missouri, St. Louis, MO, "Preliminary studies on the body wall glycogen synthase on *Moniliformis dubius* (Acanthocephala)."
- A.J. Hitt and J.A. Starling, University of Missouri, St. Louis, MO, "Partial purification and charact-erization of trehalose-6-phosphate synthase from *Moniliformis dubius* (Acanthocephala)."
- P. Diffley, Texas Tech University, Lubbock, TX, "Chronic African trypanosomiasis, a murine model."
- R.W. McGuire and H. Haines, University of Oklahoma, Norman, OK, "*Plasmodium berghei*: Preliminary studies on blood dynamics in the mouse (BALB/C) host."
- M.W. Kilgore, G.L. Stewart and M. Lou, University of Texas, Arlington, TX, "The chemical composition of newborn larvae of *Trichinella spiralis*."
- B.L. Haning and T.P. Yoshino, University of Oklahoma, Norman, OK, "Effects of *Daubaylia potomaca* and *Schistosoma mansoni* infections on their snail host *Biomphalaria glabrata*."
- C.D. Davis and T.P. Yoshino, University of Oklahoma, Norman, OK, "Application of hybridoma methods to the study of surface antigens from larval *Schistosoma mansoni*."

A.A. Kocan, B. Glenn, J.C. Fox and K.M. Kocan, Oklahoma State University, Stillwater, OK, "Effects and characterization of a bobcat-origin *Cytauxzoon*-like organism and its relationship to cytauxzoonosis in domestic cats."

### **Saturday, 17 April 1982**

D.W. Reduker and S. Upton, The University of New Mexico, Albuquerque, NM, and Auburn University, Auburn, AL, "Phenetic analysis of fish eimerians."

W.F. Fisher, U.S. Livestock Insects Laboratory, ARS, USDA, Kerrville, TX, "Evaluation of the serum antibody response to *Psoroptes ovis* antigens in calves infected with *Psoroptes ovis* by enzyme linked immunosorbent assay."

B.B. Nickol and G.E. Dappen, University of Nebraska, and Nebraska Wesleyan University, Lincoln, NE, "*Armadillidium vulgare* (Isopoda) as an intermediate host of *Plagiorhynchus cylindraceus* and isopod response to infection."

D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Why we should be computing Taylor's *b* instead of the negative binomial *k*."

D.T. John and R.M. Haggerty, Oral Roberts University School of Medicine, Tulsa, OK, "Serum agglutination and immunoglobulin levels for mice infected with *Naegleria fowleri*."

### **Special Presentation at the Business Meeting**

J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Field parasitology at the Cedar Point Biological Station: Design of a course."

### **Poster Presentations**

N. Chia, Louisiana State University Medical Center, New Orleans, LA, "The fine structure of the epimastigote of *Trypanosoma hydrae* in NNN medium."

S.A. Nadler, Louisiana State University Medical Center, New Orleans, LA, "The fine structure of *Hepatozoon* sp. gametocytes from a naturally infected *Agkistrodon piscivorus* (Cottonmouth)."

K.D. Bost and C.G. Beames, Jr., Oklahoma State University, Stillwater, OK, "Basement membrane of the intestine of *Ascaris suum*: One more look."

J.R. Bristol, L.F. Mayberry and A.J. Piñon, University of Texas, El Paso, TX, "Interspecific interactions between *Nippostrongylus brasiliensis* and *Eimeria nieschulzi* in the rat."



## MINUTES OF THE 15<sup>th</sup> ANNUAL SWAP MEETING, APRIL 16, 1982

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Fifteenth Annual Meeting  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
University of Oklahoma Biological Station  
Lake Texoma, Oklahoma  
April 15-17, 1982

David G. Huffman  
Secretary-Treasurer

Minutes of the April 16, 1982 Meeting

1. Call to order at 7:00 p.m. April 16 by President John Ubelaker.
2. President Ubelaker suspended the rules of order, for a special presentation by Dr. John Janovy. Dr. Janovy gave us a very informative and enjoyable talk entitled "Field Parasitology at the Cedar Point Biological Station: Design of a Course."
3. Regular business meeting began at 7:45 p.m.
  - a. Secretary's Report - Dave Huffman:  
Dr. Huffman indicated that the minutes of the previous meeting had been posted in the dining hall and that copies had been distributed to the members at the beginning of the meeting for their perusal. Dr. Huffman asked for comments on the minutes and there were none. Dr. Dave Becker moved that the minutes be accepted as printed; second by Lillian Mayberry; question; carried unanimously.
  - b. Treasurer's Report - Dave Huffman:  
This report was also distributed in handout form. Dr. Huffman indicated that we made money this year for the first time since 1978, primarily due to changes in the program format. Dr. David Becker moved to accept the report; this was seconded and approved unanimously by the membership.
  - c. Committee Reports:
    - (1) Membership Committee - Dave Huffman: The report was distributed as a handout and indicated that we had gained from 176 to 180 members. Huffman also pointed out that only 38% of the 180 members had paid 1982 dues, versus 51% for last year at the same time. Only 71 members had registered for the meeting as opposed to 88 for last year. Dr. Huffman indicated that a membership directory was available free in the lobby, and asked all members to check their entries for accuracy and enter any corrections on the master list taped to the table.
    - (2) Auditing Committee - Dr. Bill Coil: Due to a communication foul up, Coil had not realized that he had been appointed to

the auditing committee again and had not inspected the books. Huffman passed the books to Coil during the meeting and the report was postponed until the next morning.

- (3) Representative to ASP Council - Dr. John Janovy:
  - (a) Dr. Janovy presented an account of ASP Council business and passed a written report to Huffman which is attached.
  - (b) Dr. Don Duszynski made a statement expressing his disappointment with the expensive structure of the ICOPA V meeting in Toronto and asked if ASP Council had been consulted.
    - ((1)) Dr. Janice Moore - essentially reiterated Duszynski's comments.
    - ((2)) Dr. Dave Huffman - was flabbergasted when he saw the \$200 registration fee.
    - ((3)) Dr. Janovy - would be most happy to communicate a strongly worded SWAP resolution on the subject to ASP Council. Suggested we bring up the subject later under new business.
  - (c) Dr. Larry Roberts - added some comments on ASP Council business not included in Janovy's report. ASP Council is considering a major revision of ASP by-laws. No details were given.
- (4) Nominating Committee - Dr. Dave Becker: Indicated that ballots had been returned and that the 1982-83 officers would be President, Larry S. Roberts; Vice-President, Robert O. McAllister; Secretary-Treasurer, David G. Huffman; and Representative to ASP Council, John Janovy. Dr. Becker submitted a written report, which is attached.
- (5) Resolutions Committee - J. Sharme: A resolution thanking everyone for their efforts in preparing for the meeting was read and a written version of the resolution was presented to Dr. Huffman and is attached.

d. Old Business:

Constitutional Revision - Dave Huffman: Reminded the membership of approval of amendments at the last meeting with the intention of approving a revised constitution incorporating the meaning of all these amendments at the present meeting. Huffman indicated that the proposed revision had been mailed out with the call for papers and asked if there were any comments on it and there were none. Dr. Huffman asked for a motion to accept indicating that a 2/3 majority would be required. Dr. Becker moved to accept, second by Dr. Bent Nickol, carried unanimously. A copy of the new constitution is attached.

e. New Business:

- (1) Dr. Bill Coil - indicated that Dr. Cable had been awarded the Leuckart Medal. Dr. Coil further indicated that he thought only six of these medals had ever been awarded, and that Horace W. Stunkard was the only other American to have received one. Dr. Larry Roberts moved that Secretary Huffman

communicate a formal letter of congratulations to Dr. Cable. Second by Becker, carried unanimously. A copy of that letter is attached.

- (2) Dr. David Becker - indicated that the SWAP meeting this year conflicts with the "Federation" meetings and that he had heard from several sources that a significant percentage of our members had gone to the Federation meetings rather than SWAP. Becker asked for suggestions and considerable discussion ensued.
  - (a) Dr. Teague Self - weather is too bad earlier, and Oklahoma Academy meets the last weekend of April.
  - (b) Huffman - asked for comments from other members regarding how serious they felt the conflict was. The result was that the conflict is serious.
  - (c) After considerable discussion regarding the meeting times of various other societies of interest to one fraction or another of our membership, Dr. Huffman indicated that the next SWAP meeting will not conflict with the Federation meetings if at all possible. The next five meeting dates would be worked out with Loren Hill and presented to the membership for approval at the next meeting.
- (3) Dr. Teague Self - referring to himself as an "old salt," brought up the fact that this was our 15<sup>th</sup> anniversary. Dr. Self talked for a few moments about the early history of SWAP and its philosophy and indicated that it is an organization fully deserving of our continued support.
- (4) Dr. Duszynski - reminded us of his perennial requests for historical material for the purpose of assembling a history of SWAP. He indicated that he now has a rough draft which he will distribute to the charter members for review. He plans to incorporate the minutes of the 15<sup>th</sup> meeting in a final draft for approval at the 16<sup>th</sup> meeting.
- (5) Dr. John Ubelaker - thanks to Duszynski for persistent and valiant efforts on the SWAP history project.
- (6) Dr. Duszynski - brought up the ICOPA V registration fee. He indicated that one of the major problems was that spouses in attendance were also required to purchase a very expensive badge. He complained that ASP Council had not been consulted. During the discussion, some members indicated they thought that the fees were not out of line with fees charged at other international meetings. Others indicated that any local committee that plans a meeting this expensive is out of line and has lost sight of the purpose of scientific meetings. Bill Coil indicated that we were invited by the Canadians to participate. Duszynski indicated that the Canadians had competed for the meeting and then got in over their heads and had to hire a commercial organization to plan the meeting. Dr. Self urged restraint on sending resolutions everywhere before thinking it over carefully lest we make SWAP look foolish. Bill Coil indicated that everyone he talked to about this is outraged because too

many expensive activities only peripherally related to science are planned and that everyone must pay for them whether they want them or not. Coil also suggested we get ASP to put on less expensive meetings too. Lillian Mayberry suggested we table the discussion and think it over and work out a resolution for a special meeting Saturday morning. Dr. Ubelaker agreed and asked Dr. Duszynski to get together with some people and work up a draft resolution to be posted on the bulletin board in the dining hall.

- (7) Lillian Mayberry - indicated that she was on a committee to select future ASP meeting sites and asked for suggestions for campuses that would host the meetings.
- (8) Dr. Ublaker asked reluctantly if there was any more new business. Dr. Huffman made a few short comments about paying dues, asked veteran members to introduce themselves to strange faces, etc. Dr. Huffman praised Dr. Janovy's presentation and indicated that he would attempt to find someone who would put on a similar presentation next year.
- (9) Dr. Ubelaker handed the gavel to Dr. Larry Roberts who asked for a motion to adjourn. Dr. Becker so moved.

## SPECIAL SESSION OF 15TH SWAP MEETING, APRIL 16, 1982

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Special Session of 15th SWAP Meeting  
Saturday, April 16, 1982

Call to order 10:00 a.m. by President Larry S. Roberts.

1. A draft resolution to ASP Council regarding the ICOPA V registration fee was read to the membership. The floor was opened for discussion. There was considerable discussion regarding whether we should complain about the actual enforcement of badge requirement, or about the price of badge.
  - a. Dr. Janice Moore moved and Dr. David Becker seconded that the resolution be adopted as read.
  - b. After considerable discussion, the consensus of the members present agreed that it is not unreasonable to require badges, and that the prime thing we wanted to complain about is the fact that the price of the required badge was being used to subsidize exorbitant activities not even remotely connected with the advancement of parasitology or science in general.
  - c. Dr. Carl Fox moved and Dr. Bill Coil seconded that the original motion be amended such that there was no implication in the resolution that we were complaining about the badge requirement per se. This motion to amend carried with two nays.
  - d. The original motion to accept the now amended resolution then carried unanimously. A copy of the resolution is attached.
  - e. Dr. Huffman asked if he should communicate a summary of our deliberations to our sister affiliate societies and the ASP newsletter. Dr. Bill Coil seconded and the motion carried unanimously.
2. Auditors committee report (delayed from the meeting the previous evening): Dr. Bill Coil indicated that the books were in order and that he had signed them to signify his approval. He indicated that there was still some question regarding the disposition of the extra registration fee assessment. Dr. Huffman indicated that that information would be a part of the Treasurer's report at the 1983 meeting, and that he expected a check from UOBS to SWAP for the surplus collected over the cost of refreshment.
3. Dr. David Becker moved to adjourn.

### Addendum

#### Extra Registration Fee Assessment

UOBS collected \$317.50 in extra registration fees for us and the bill for the beer and snacks was \$82.00, leaving us with a balance of \$235.50. Linda wrote us a check, which has been deposited into the account.

## SUMMARY OF COMPLAINTS RE: ICOPA V REGISTRATION FEE

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### SWAP COMPLAINS OF ICOPA V REGISTRATION FEE

The 15th Annual Meeting of the Southwestern Association of Parasitologists took place April 15-16, 1982, at the University of Oklahoma Biological Station on Lake Texoma. We heard 16 excellent papers, enjoyed the pleasant company of 71 fellow members, basked in the refreshing isolated environment of UOBS and just generally enjoyed ourselves. The 16<sup>th</sup> meeting is scheduled for April 21-23, 1983.

One very important issue which came up in the business meeting was the cost of the registration fee at ICOPA V. So much discussion ensued on the issue that we had to call an unprecedented special session on Saturday morning to consider a resolution to ASP on the issue. The members in attendance asked me to summarize my rather lengthy notes on the discussion, and communicate the summary to the ASP membership through the ASP Newsletter.

Several points were made repeatedly in the discussion on the "pro" side: (1) \$200 is a bargain for persons planning to attend all extra-neous social functions supported by the fee; (2) many other similar meetings charge similar fees and require badges; (3) a large volume of the Proceedings is included in the fee. On the con side: (1) most members objected to being assessed for the price of social functions that they would not have sponsored had they had the choice! (2) the purchase of the Proceedings should be optional; (3) and perhaps most importantly the meeting is costly because it is too complex and involves many embellishments not even peripherally related to the primary mission of the meeting -- not to mention the fact that tying the cost of entertainment to the registration fee forces many of us to spend taxpayer's money to support social events we would not even consider supporting with our own finances!

Another frequent point made during the deliberations was that ASP Council had apparently not been consulted regarding the arrangements for ICOPA V, even though we are major supporters of the meeting. It was also pointed out that apparently all of the foreign scientists invited to speak or preside at the meeting were having almost all of their expenses paid, and that the money for this was coming from our registration fees. This is another questionable use of state funds hidden in registration fees.

The mood of the discussion seemed to be not so much that the ICOPA V Local Committee was uniquely out of line, but that we have seen a trend recently toward more expensive meetings with more and more mandatory assessments not related to the mission of the meeting, and we would like to see the trend turned around.

Some members indicated that the ASP Local Committees should also plan less elaborate meetings than we have seen in the past. Along this line, Lillian Mayberry, chairperson of the ASP Meeting Sites Committee, indicated that her committee is actively investigating university campuses for future meeting sites in an attempt to hold down ASP meet-

ing costs. Any faculty members interested in pursuing the possibility of an ASP meeting on their campus should contact Dr. Mayberry.

At the close of the SWAP Special Session, the membership in attendance unanimously passed a resolution on the subject and asked that John Janovy, our ASP Representative, pass the resolution to ASP Council in Toronto. The text of the resolution is included below.

Later, Janice Moore remarked that the registration fee was reminiscent of the sometimes exorbitant cover charges required to get into dance halls and was reminded of a song by an Austin musician that goes something like, "How can I dance when I get inside if it costs an arm and a leg at the door?"

MEMO FROM D.G. HUFFMAN TO AFFILIATE SOCIETIES OF ASP, MAY 7, 1982,  
Re: ICOPA V Registration Fee

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## SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

### ANNUAL MEETING

University of Oklahoma Biological Station  
Lake Texoma, Kingston, Oklahoma

DAVID G. HUFFMAN  
Sec. - Treas. of SWAP  
Aquatic Station  
Biology Dept., SWTSU  
San Marcos, TX 78666

To: Affiliate Societies of ASP

From: David G. Huffman, Sec-Treas of SWAP *DGH*

Date: May 7, 1982

Subject: ICOPA V REGISTRATION FEE

The arrangements for ICOPA V were discussed extensively at the 15th annual meeting of SWAP. We finally drafted a resolution pertaining particularly to the fact that the meeting is going to be unnecessarily costly and asked our representative, John Janovy, to carry it to ASP Council next meeting. A copy of the resolution, which passed unanimously, is enclosed for your perusal. I have also drafted an article on the subject for the ASP Newsletter.

I am writing you because our membership has unanimously approved a motion asking me to correspond with all of our sister affiliates and request that they at least consider the issue in their respective business meetings, and pass some form of resolution along to ASP Council. We have plenty of time to influence plans for the ICOPA VI if we act now.

Thank you.

Enclosure

Affiliate, 1968

American Society of Parasitologists





**TREASURER'S REPORT FOR 1976-82 AT THE 15<sup>TH</sup> ANNUAL SWAP MEETING**

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TREASURER'S REPORTS 1976-82

1976	1,038.63	
1977	1,040.63	+ 2.00
1978	1,144.99	+ 104.36
1979	1,122.60	- 22.39
1980	974.99	- 147.61
1981	582.57	- 392.42
1982	610.72	+ 28.15

MAJOR COSTS ANALYSIS APRIL, 1980-APRIL 1982

Printing and mailing constitutional revision, call for papers, etc.		(1981)	(1982)
Postage		100.00	110.20
Envelopes		20.55	5.50
Duplicating		27.95	22.50
		<u>148.50</u>	<u>138.50</u>
Producing and mailing program		(1981)	(1982)
Postage		119.25	35.00
Duplicating, etc.		257.50	162.25
Envelopes		27.09	—
		<u>403.34</u>	<u>197.75</u>
Miscellaneous (extra postage, envelopes, dues cards, bank charges, etc.)			108.80
Total Disbursements			445.04
Total Income (dues)			473.00
Balance Brought Forward			<u>582.57</u>
Current Balance			<u>610.52</u>

# NEW CONSTITUTION OF THE SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

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## CONSTITUTION of the SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

### ARTICLE I (Name)

The name of this organization shall be the Southwestern Association of Parasitologists, hereinafter referred to as the Association.

### ARTICLE II (Objectives)

The objectives of the Association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, to provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.

### ARTICLE III (Membership)

The Association shall be open to all interested persons, regardless of place of employment, residence, or affiliation in other recognized societies, so long as the individual's employment or affiliations do not advocate overthrow of the Constitution of the United States of America.

1. There shall be student members, i.e., individuals who have not earned a doctorate degree and are enrolled as full-time students in a recognized educational institution.
2. There shall be full members, i.e., individuals who have terminated their studies and those who do not fall into the student-member category.

### ARTICLE IV (Officers)

1. The officers of the Association shall be President, Vice-President, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists (hereinafter referred to as "ASP Representative").
2. The term of office of the President and Vice-President shall be one year, beginning at the close of the annual meeting.
3. a. The term of office of the Secretary-Treasurer shall be three years, beginning at the close of the annual meeting.  
b. The term of the ASP Representative shall be one (1) year, beginning at the close of the annual meeting. The ASP Representative may be re-elected to a maximum of two additional terms of one (1) year each.

4. The duties of the officers shall be such as usually pertain to the offices held and also duties that may be prescribed by the Constitution.
5. Election of officers shall be by a simple majority of the members voting.
6. Each of the officers of the Association shall appoint a counterpart from the student membership for a one-year term whose duties are to assist his (or her) supervising officer in his (or her) duties.

ARTICLE V  
(Committees)

1. There shall be an Executive Committee of the Association composed of current officers and the student member counterparts and the President last retired. This committee shall be responsible for Association policy and for authorizing expenditure of Association funds by the Secretary-Treasurer.
2. The Vice-President shall be Chairman of the Program Committee, which shall consist of three (3) members. The two (2) members to serve with the Vice-President shall be appointed by him soon after he takes office and should come from the regional area responsible for the next meeting. One of the members from the local area shall serve as Chairman of the Subcommittee on local arrangements and shall appoint members of the Subcommittee. The Program Committee shall be responsible for local arrangements and the scientific sessions of the annual meeting.
3. The President shall appoint a Nominating Committee of three (3) members to nominate a candidate or candidates for each office to be filled at the next election. The Chairman of this Committee shall submit a list of nominees to the Secretary-Treasurer at least six (6) weeks prior to the date of the next annual meeting.
4. The President shall appoint any ad hoc committees which he or the Executive Committee deem necessary and representatives to scientific organizations other than the, American Society of Parasitologists.

ARTICLE IV  
(Meetings)

1. An annual meeting shall be held in the spring of each year to provide for exchange of information pertinent to research and teaching of parasitology.
2. The annual business meeting of the Association shall be held in conjunction with the annual meeting.
3. The place of the annual meeting shall be determined by the Chairman of the Program Committee with the approval of the Executive Committee.

ARTICLE VII  
(Dues)

1. The annual membership dues for full members shall be four dollars (\$4.00) and for student members shall be two dollars (\$2.00), payable at the time of application for membership and thereafter at the time of the annual meeting.
2. Members whose dues records are delinquent for the previous two (2) years at the close of the annual meeting will be considered to have resigned from the Association and will be dropped from the mailing list. Reinstatement will require the payment of current dues and the delinquent dues of the previous year.
3. Changes in dues shall be made by the Executive Committee, subject to approval of the membership.

ARTICLE VIII  
(Quorum)

A quorum for the transaction of business of the Association shall be those members present at the annual meeting.

ARTICLE IX  
(Amendments)

Any proposed amendment shall be sent to the membership at least sixty (60) days prior to the annual meeting. Proposed amendments shall be adopted if approved by two-thirds (2/3) of the members voting by mail ballot or by show of hands at the next annual meeting.

ARTICLE X  
(Rule of Order)

Roberts Rules of Order - Newly Revised shall govern deliberations in all case they are applicable and are not inconsistent with this instrument or special rules of the Association.

## REPORT OF THE RESOLUTIONS COMMITTEE, 15<sup>th</sup> ANNUAL SWAP MEETING

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Report of the Resolutions Committee  
15th Annual Meeting of the  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
April 16, 1982  
(J. Sharpe, C. Stout, L. Hertel, C. Wash)

On behalf of the members of SWAP, we wish to extend our sincere thanks to Dr. Larry Roberts, the Vice-President of SWAP, for his superb organization of this year's scientific and social (i.e., altered awareness in Oklahoma dialect) programming of the annual meeting. We are especially grateful to Dr. David Huffman, Secretary-Treasurer of the Association for his personal effort and attention to detail that have made this meeting so successful.

We would especially like to thank the president of SWAP, Dr. John Ubelaker, for his dedication to the Society this year that has culminated in another successful annual meeting.

We also appreciate the efforts of Dr. John Janovy, who has continued to represent SWAP in the councils of the ASP.

The University of Oklahoma has been very kind in extending the continued use of the OUBS facilities and we are grateful to the director of the station, Dr. Loren Hill, who with his dedicated staff has provided the hospitality of the Biological Station for the meetings. The OUBS dining hall is to be commended for their organization in providing us with good meals.

We wish to thank all the participants in the scientific sessions for sharing with us their current research. The efforts of those students who volunteered to chair the paper presentations and operate the projector are appreciated.

Finally, the time and effort of everyone involved in the planning and execution has resulted in another successful meeting.

SIXTEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      21-23 April 1983

PROGRAM

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**Friday, 22 April 1983**

- S.D. Wilkes and A. Goven, North Texas State University, Denton, TX, "Phospholipase B activity and intestinal eosinophil numbers in mice infected with *Trichinella spiralis*."
- K.M. Raines and G.L. Stewart, The University of Texas, Arlington, TX, "Uptake of glucose and tryptophan by *Trichinella spiralis* during development from muscle larva to mature adult worm."
- M.W. Kilgore, G.L. Stewart and M. Lou, The University of Texas, Arlington, TX, "The chemical composition of newborn larvae of *Trichinella spiralis*."
- G.R. Bullick and G.A. Castro, University of Texas Medical School, Houston, TX, "Reduced Na<sup>+</sup>-coupled hexose transport in enterocytes during immune rejection of *Trichinella spiralis* infective larvae."
- D.A. Russell and G.A. Castro, University of Texas Medical School, Houston, TX, "Antigen-induced changes in gut transepithelial short circuit current in guinea pigs immunized against *Trichinella spiralis*."
- J.M. Palmer and G.A. Castro, University of Texas Medical School, Houston, TX, "Small intestinal myoelectric changes following infection of rats immune to *Trichinella spiralis*."
- Y. Harari and G.A. Castro, University of Texas Medical School, Houston, TX, "Sialic acid deficiency in lectin-resistant brush border membranes from rats following the intestinal phase of trichinellosis."
- G.A. Castro, University of Texas Medical School, Houston, TX, "Intestinal epithelial changes associated with rapid, immune rejection of infective larvae of *Trichinella spiralis*."
- A.J. Piñon, J.R. Bristol and L.F. Mayberry, University of Texas, El Paso, TX, "Absorption of L-methionine from the small intestine of rats infected with *Nippostrongylus brasiliensis*."
- G. Goodman and R.O. McAlister, Southern Methodist University, Dallas, TX, "Muscular activity of *Hymenolepis diminuta* *in vitro*: A correlate to worm migration *in vivo*?"
- M.R. Kaeini and B.G. Harris, North Texas State University, Denton, and Texas College of Osteopathic Medicine, Ft. Worth, TX, "Regulation of phosphofructokinase in *Ascaris suum* muscle."
- R.A. Masaracchia, C.A. Michnoff and M.J. Donahue, North Texas State University, Denton, TX, "Intracellular regulation of muscle contraction in *Ascaris suum*."
- M.J. Donahue and R.A. Masaracchia, North Texas State University, Denton, TX, "Phosphorylation of the S6 ribosomal protein in *Ascaris suum*."
- K. Rasmussen and W.M. Kemp, Texas A&M University, College Station, TX, "Studies on the interaction of the complement system with *Schistosoma mansoni*."

- W.M. Kemp, K. Rasmussen and D.V. Devine, Texas A&M University, College Station, TX, "Specificity of adult schistosome tegument-associated Fc receptors."
- J.Y. Niederkorn, J.K. Brieland and E. Mayhew, University of Texas Southwestern Medical School, Dallas, TX, "Enhanced natural killer cell activity in experimental murine encephalitozoonosis."
- C.K. Sung and M.H. Dresden, Baylor University Medical Center, Houston, TX, "*Schistosoma mansoni* egg proteinases."
- C. Chappell and M. Dresden, Baylor University Medical Center, Houston, TX, "Cysteiny proteinases of *Schistosoma mansoni* adult: Isolation and partial characterization."
- T.P. Yoshino and W.O. Granath, Jr., University of Oklahoma, Norman, OK, "Lysosomal enzyme activities in *Biomphalaria glabrata*. I. Comparison of activities in hemocytes of schistosome-susceptible and resistant snail strains."
- W.O. Granath, Jr. and T.P. Yoshino, University of Oklahoma, Norman, OK, "Lysosomal enzyme activities in *Biomphalaria glabrata*. II. Kinetics of hemocyte and serum enzyme levels during the course of infection with *Schistosoma mansoni*."
- C.D. Davis and T.P. Yoshino, University of Oklahoma, Norman, OK, "Monoclonal antibody analysis of antigens associated with larval stages of *Schistosoma mansoni*."
- M.E. Hume, R.C. Essenberg, R.W. McNew, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Adenosine-3',5'-monophosphate in salivary glands of the lone star tick, *Amblyomma americanum* (L.) during feeding."
- S.D. Maine, J.R. Sauer, R.C. Essenberg and R.G. Darville, Oklahoma State University, Stillwater, OK, "Protein kinases from the salivary gland of the lone star tick."
- R.W. McGuire and H.B. Haines, University of Oklahoma, Norman, OK, "*Plasmodium berghei*: Plasma and blood volumes measured by Evans blue and isotope dilution."
- E. Perez, Jr. and P. Diffley, Texas Tech University, Lubbock, TX, "Resistance to *Trypanosoma gambiense* among inbred strains of mice."
- P. Diffley, Texas Tech University, Lubbock, TX, "The role of parasite surface coat in eliciting immune dysfunctions during African trypanosomiasis."
- A.A. Rege and J.R. Seed, Texas A&M University, College Station, TX, "Purification and characterization of tyrosine amino-transferase from *Critidia fasciculata*."

### Poster Presentations

- C.K. Abel and J.A. Starling, University of Missouri, St. Louis, MO, "Partial physical characterization of trehalose-6-phosphate synthase from female *Moniliformis dubius* (Acanthocephala)."
- D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Using a microcomputer simulation to teach some concepts of parasite ecology."
- J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Origin and evolution of tapeworm larvae: Evidence from their embryology."

**Saturday, 23 April 1983**

- G.W. Moore, Baylor University Medical Center, Houston, and Southern Methodist University, Dallas, TX, "Pulmonary dirofilariasis: A roentgenographic and histopathologic study of two human cases."
- T.J. George, J.C. Fox and B.L. Glenn, Oklahoma State University, Stillwater, OK, "Development of an immunoassay for *Cytauxzoon* and *Cytauxzoon*-like piroplasms."
- A.O. Adibi and J.C. Fox, Oklahoma State University, Stillwater, OK, "Monoclonal antibodies to a *Leishmania* sp."
- K.K. McKenzie, J.C. Fox, K.M. Kocan and J.A. Hair, Oklahoma State University, Stillwater, OK, "Experimental tick transmission of *Leishmania* sp. in dogs."
- J.C. Fox, Oklahoma State University, Stillwater, OK, "Pathogenicity of *Sarcocystis cruzi* of Oklahoma origin."
- B.M. Cable and D.T. John, Oral Roberts University School of Medicine, Tulsa, OK, "Amoeba to flagellate transformation in *Naegleria fowleri*."
- D.T. John, R.A. Bruner and T.B. Cole, Jr., Oral Roberts University School of Medicine, Tulsa, OK, "Presence of sucker-like structures on amoebae of *Naegleria fowleri*."
- S.B. Mullins, P.T. Fran, J.C. Fox and H.E. Jordan, Oklahoma State University, Stillwater, OK, "Canine heartworm survey comparing the modified Knotts test and immunofluorescent serology."
- M.J. Lodes, University of Oklahoma, Norman, OK, "Seasonal and spatial distribution of *Camallanus oxycephalus* Ward and Magath, 1916 and *Spinitectus carolini* Holt, 1928 (Nematoda: Spiruridae) in the striped bass of Lake Texoma."
- D.W. Reduker, The University of New Mexico, Albuquerque, NM, "Potential use of protein electrophoretic data in systematic studies of Eimeriidae."
- B.B. Parker and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The prevalence of *Eimeria* in sandhill cranes (*Grus canadensis*) wintering in south central New Mexico."
- E. Blouin and A.A. Kocan, Oklahoma State University, Stillwater, OK, "*Cytauxzoon* in free-ranging bobcats from Oklahoma."
- G. Michel and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "The biology of a new species of *Capillaria* (Nematoda: Trichurata) from sunfishes of the San Marcos River."
- M. Mathis and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Current research into the life history of *Diplostomulum schewringi* (Trematoda: Strigeoidea) in *Gambusia affinis*."
- L.A. Ahlm and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "The effects of the metacercariae of digenetic trematodes on the growth and condition of fishes: A literature review."



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MINUTES OF THE 16<sup>TH</sup> ANNUAL SWAP MEETING, APRIL 22, 1983

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Sixteenth Annual Meeting  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
University of Oklahoma Biological Station  
Lake Texoma, Oklahoma

A. Alan Kocan, Secretary-Treasurer  
Minutes of the April 22, 1983 Meeting

Call to order at 7:36 p.m. by President Larry Roberts.

Secretary's Report - Dave Huffman

Dr. Huffman indicated that copies of the minutes of the previous meeting had been distributed to all members as they entered. Dr. Huffman asked for comments on the minutes and there were none. It was moved and seconded that the minutes be approved. The motion passed unanimously.

Treasurer's Report - Dave Huffman

The treasurer's report was also distributed at the beginning of the meeting. Dr. Huffman indicated that the finances were in good shape, mostly due to changes in mailing procedures and in program format. It was moved and seconded that the report be accepted. The motion passed unanimously.

Committee Reports

1. Membership - Dave Huffman. Dr. Huffman indicated that the membership was still in good shape although the numbers indicated on his handout reflected fewer members. This reduction was due to a change in policy regarding members delinquent in paying dues and probably does not represent a real change in the actual active membership. It was moved and seconded to accept the report of the membership committee. The motion passed unanimously.
2. Auditing - Ben Harris. Dr. Harris indicated that the books, as presented by Dr. Huffman, were examined and found to be in order.
3. Representative to ASP Council - John Janovy. Dr. Janovy read a written account of ASP Council business meeting held on October 5, 1982, in Toronto, Canada. The report was filed with SWAP records. Comments of interest were that Dr. MacInnis will not seek reappointment as editor of the Journal of Parasitology. A search committee has been established to replace Dr. MacInnis but no specifics were available. Dr. Duszynski asked if any formal action had ever been taken to document the impact of the financial problems that ASP may have experienced as a result of the legal problems encountered by one of the past treasurers. Dr. Janovy said he was not aware of any formal comments at the last two ASP council meetings. Comments from the floor were presented which indicated that only minor financial discrepancies were ever documented as related to ASP.
4. Nominating Committee - J. Carl Fox. Dr. Fox indicated that the ballots had been received and checked by the Teller's Committee and that the officers for 1983-84 were: President, Dave Huffman; Vice-President, Ben Harris; Secretary-Treasurer (3 year term), A. Kocan; and ASP Council Representative, D. Duszynski.

Dr. Huffman voiced a concern that it had been difficult to get members to accept nominations for SWAP offices and encouraged all members to become more active.

Dr. Roberts asked for a round of applause for Dr. Huffman for his enthusiastic efforts as Secretary-Treasurer over the past years.

5. Resolutions - Dr. Castro (report given by Dr. Gram Bullick). A resolution thanking Dr. L. Hill and the staff of OUBS for their efforts in putting on this meeting was read and a resolution thanking Dr. Huffman for his efforts as Secretary-Treasurer was also presented. A written version of the resolutions was presented to Dr. Huffman and are on file with SWAP records.

#### Old Business

SWAP History. Dr. Duszynski indicated that the history of SWAP was now completed and read portions of the document. It was moved and seconded that the report be approved and maintained as a permanent record. The motion passed unanimously. A motion was presented to have a volume bound for the records and additional copies made available for sale to interested members. The motion passed unanimously. Dr. Duszynski agreed to maintain the records until such time as they were needed by SWAP.

#### New Business

The 1984 meeting date was announced as April 19-21. It was brought to our attention that every effort should be made by the members attending the meeting to clean up the rooms and meeting areas so as not to cause additional work for the Biological Station staff.

Dr. Huffman indicated that a new purchase of software may be necessary if SWAP records are to be maintained on microcomputer. The purchase of existing comparable software could make transfer of documents and records from one secretary to another much easier.

The possibility of an expenditure of SWAP money for student awards at the annual meeting was discussed. Expenditures of additional money for refreshments for the Altered State of Awareness period was also discussed. No formal action was taken.

Dr. Ben Harris indicated that to eliminate the problem of having to schedule the large numbers of papers in our short meeting schedule, authors should consider other options, such as the poster sessions. Other suggestions for freeing time from the formal presentation schedule to allow for more personal interaction among members were also made.

Dates for the 1985 and 1986 meeting were discussed but not finalized. Efforts will be made to plan the meeting so as not to conflict with other scheduled meetings.

Dr. Huffman indicated that he would like to make a public apology to Dr. Short for a misunderstanding concerning a statement in the ASP newsletter that had been made concerning Dr. Short's involvement in ICOPA V.

Dr. Roberts turned the gavel over to President Huffman. Having no further business, the meeting was adjourned at 8:39 p.m.

**TREASURER'S REPORT 1982-83 PRESENTED AT THE 16<sup>TH</sup> ANNUAL SWAP MEETING**

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TREASURER'S REPORT 1982-83  
DAVID G. HUFFMAN

1. RUNNING ACCOUNT SINCE 1976

YEAR	ENDING-BAL	CHANGE
1976	1038.63	N/A
1977	1040.63	2.00
1978	1144.99	104.36
1979	1122.60	- 22.39
1980	847.46	-275.14
1981	582.57	-264.89
1982	610.52	27.95
1983	1175.60	565.08

2. ANALYSIS OF MAJOR COSTS, APR 1981 - APR 1983

A. CALL FOR PAPERS, ETC.

	<u>1981</u>	<u>1982</u>	<u>1983</u>
POSTAGE	100.00	110.70	12.60
ENVELOPES	20.55	5.50	14.47
DUPLICAT.	55.78	74.35	37.66
TOTAL	<u>176.33</u>	<u>190.55</u>	<u>64.73</u>

B. PRODUCING AND MAILING PROGRAM

	<u>1981</u>	<u>1982</u>	<u>1983</u>
POSTAGE	122.21	48.00	55.50
ENVELOPES	27.09	0.00	0.00
DUPLICAT.	253.25	162.75	151.79
TOTAL	<u>402.55</u>	<u>210.75</u>	<u>207.29</u>

C. MEETING REFRESHMENTS

	<u>1981</u>	<u>1982</u>	<u>1983</u>
	??	??	82.00

D. MISCELLANEOUS (STAMPS., SER. CHG., ETC.)

	<u>1981</u>	<u>1982</u>	<u>1983</u>
	158.61	43.75	5.40

E. TOTAL DISBURSEMENTS

	<u>1981</u>	<u>1982</u>	<u>1983</u>
	737.49	445.05	359.42

3. INCOME

	<u>1981</u>	<u>1982</u>	<u>1983</u>
A. Dues	352.60	473.00	587.00
B. Registration	0.00	0.00	337.50
C. Other	120.00	0.00	0.00

D. Total Income      472.60      473.00      924.50

4. NET                      1981      1982      1983  
                               -264.89      27.95      565.08

1982-83 SWAP BOOKS  
 DAVID G. HUFFMAN, SECRETARY-TREASURER

DATE	COMMENT	DEPOSITS	CHECKS	CHARGES	BALANCE
03/31/82	BAL FORWARD				610.52
04/01/82	DUES	42.00			652.52
04/26/82	MEETING DUES	107.00			759.52
04/28/82	DUPLICATE MINUTES		4.75		754.77
	CK #130				754.77
04/30/82	SERVICE CHG			0.60	754.17
06/28/82	REFRESHMENTS		82.00		672.17
	(DEDUCTED FROM REG)				672.17
06/28/82	REGISTRATION FEES	337.50			1009.67
09/13/82	DUES	16.00			1025.67
12/10/82	DUPL. CALL FOR PAP		9.17		1016.50
	CK #132				1016.50
12/10/82	DUPL. CALL FOR PAP		14.47		1002.03
	CK #133				1002.03
12/10/82	ENV. CALL FOR PAP		24.89		977.14
	CK #131				977.14
*****					977.14
12/31/83	SERVICE CHG			0.05	977.09
01/19/83	DUPL. CALL FOR PAP		3.60		973.49
	CK #134				973.49
01/20/83	POST. CALL FOR PAP		12.60		960.89
	CK #135				960.89
02/07/83	DUES	124.00			1084.89
02/16/83	DUES (12.00 EXCESS)	44.00			1128.89
02/16/83	ERROR IN DEPOSIT			12.00	1116.89
02/16/83	DUES	76.00			1192.89
12/23/83	REFUND TO DR SELF		4.00		1188.89
	CK #136				1188.89
03/11/83	DUES	86.00			1274.89
04/01/83	DUPL. PROGRAM		151.79		1123.10
	CK #137				1123.10
04/01/83	POST. PROGRAM		55.50		1067.60
	CK #138				1067.60
04/08/83	DUES	108.00			1175.60
					1175.60
					1175.60
					1175.60
					1175.60
					1175.60
					1175.60
					1175.60
TOTALS		940.50	362.77	12.65	1175.60

SWAP MEMBERSHIP BREAKDOWN  
AS OF APRIL, 1983

AREA	STUDENT			PROFESSIONAL			TOTAL		
	81	82	83	81	82	83	81	82	83
ARK	0	0	0	2	2	4	2	2	4
ARIZ	2	1	0	2	1	0	4	2	0
LA	7	4	5	13	14	9	20	18	14
NEW MX	4	6	8	2	2	1	6	8	9
OKLA	6	13	13	15	16	19	21	29	32
TEXAS	31	30	22	50	55	44	81	85	66
SUBTOTAL	50	54	48	84	90	77	134	144	125
NON-US	0	0	0	0	2	1	0	2	1
PACIF	1	1	0	0	1	0	1	2	0
RCKY M	1	1	0	1	0	0	2	1	0
MIDWST	5	2	3	13	10	12	18	12	15
N EAST	3	0	0	6	7	4	9	7	4
S EAST	6	5	2	6	7	9	12	12	11
SUBTOTAL	16	9	5	26	27	26	42	36	31
TOTAL	66	63	53	110	117	103	176	180	156

**REPORT OF THE 1982 ASP COUNCIL MEETING AT THE 16<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by John Janovy, Jr., SWAP Representative to ASP Council**

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The University of Nebraska-Lincoln  
School of Life Sciences  
Manter Hall of the Life Sciences  
Lincoln, Nebraska 68588  
402-472-2720

April 21, 1983

TO: Members of SWAP

FROM: J. Janovy, Jr.

Report of the 1982 ASP Council Meeting

1. The 72nd ASP Council meeting took place during ICOPA V, in Toronto, on Aug. 8, 1982.
2. During the 1982 SWAP meeting, a resolution was passed stating the Association's opinion of the costs and planning of ICOPA V. That resolution was published in the ASP Newsletter shortly before ICOPA V. As a result, Drs. Fallis and Mettrick addressed ASP Council on the SWAP resolution, offering their explanations and rebuttals, as well as asking for Newsletter space to reply to the SWAP action. AMCOP also passed a resolution similar to that of SWAP, but it did not appear in the ASP Newsletter. Although by the time of the Council meeting there was nothing that could be done except talk about the problems addressed in the SWAP resolution, you should nevertheless rest assured that you can get someone's attention by passing a resolution and having it published in the ASP Newsletter. ICOPA VI will be in Australia.
3. Robert Meade is the new program officer. Since ASP did not really meet in Toronto there was no report. He did mention several proposed symposia for the San Antonio meetings: acanthocephalan biology, ectoparasites of livestock, parasites of reptiles.
4. Council did give its approval to newsletter publication of an editorial on creationism.
5. Sec'y/Tres. Gerald Schmidt reported a total membership of 1,389, approval of four lists of new members (which I've tried to get photocopied and sent to Huffman each time) and a generally deteriorating financial position. The latter can be accounted for in part by differences in number of Journal issues paid for in 1981 vs. 1980, the manner in which dues were paid, a drop in Journal subscriptions, and increases in postage. ASP's Allen Press accounts were audited and accounts found to be in order as of Dec. 31, 1981.
6. Editor Austin MacInnis reported an average of 460 new manuscripts submitted per year for the last 3.5 years, not including outright rejections which were not assigned number, nor does it count revisions. Major changes in the journal include the addition of

- the "Critical Comments" section, a books received section, and a report of an ASP committee on definitions used in ecoparasitology. The willingness of UCLA to support the Editor's office, including mailing, is decreasing. Such decreases will be, of course, reflected in Society costs and dues. MacInnis has informed the Society that he does not wish to serve a second term as editor.
7. A guide to parasite collections of the world has been published by ASP and is available from Allen Press for \$3.00. A project on preparation of illustrated glossary of morphological terminology for parasitology is being organized by the ASP Committee on terminology and nomenclature.
  8. Officers elected during 1982 include:
    - Robert Rausch - president elect
    - Lawrence Ash - vice-president
    - Roy C. Anderson and Ralph Lichtenfels - council members-at-large
 Nominating Committee for 1983:
    - Mary Hanson Pritchard (chair)
    - Ronald Fayer
    - George Healy
    - Betty June Meyers
    - Martin Young
    - David Huffman (alternate)
  9. Committee on Public Responsibilities (Kemp) addressed three issues: the creation-evolution controversy (position document drafted and sent to Council), the takeover of NAMRU facilities by the Army, and the anti-vivisectionist movement. No action was taken on the latter two items.
  10. 1983 ASP meetings will be in December at San Antonio. 1984 will be a summer meeting at Snowbird, Utah. Meeting sites committee recommended Michigan State University for 1986, Univ. of Nebraska for 1987, and Lake Forest for 1988. These will all be August meetings and dormitories will be available. 1985, Univ. of Kentucky.
  11. The ad hoc by-laws revision committee, Larry Roberts, Gilbert Castro, and Robert Short, made its recommendations and report. The recommendations were approved with modifications following discussion. This completes at least to the Council level at least 2-3 years work on by-laws revision by two different committees.

SEVENTEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      19-21 April 1984

PROGRAM

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**Friday, 20 April 1984**

- C.E. Wash and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The coccidia of *Apodemus* spp. in Japan."
- L.A. Hertel and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The incidence of *Syndesmis* sp. in sea urchins of Discovery Bay, Jamaica."
- B.B. Parker and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidiosis in sandhill cranes (*Grus canadensis*) wintering in central New Mexico."
- T.L. Vance and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidian parasites from voles (*Microtus* spp.) collected from the United States, Mexico and Japan."
- R.R. Mitschler and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Preliminary studies of the dynamics of an orthopteran host/gregarine parasite system."
- D.T. John, T.B. Cole, Jr. and R.A. Bruner, Oral Roberts University School of Medicine, Tulsa, OK, "Simulated natural infection of mice with *Naegleria fowleri*."
- T.B. Cole, Jr., R.A. Bruner and D.T. John, Oral Roberts University School of Medicine, Tulsa, OK, "Some selected electron microscopy of the pathogenic free-living amoeboflagellate *Naegleria fowleri*."
- L.F. Mayberry, J.R. Bristol, S. Sulimanovic and N. Fijan, University of Texas, El Paso, TX, and University of Zagreb, Yugoslavia, "Observations on the enigmatic parasite, *Rhabdospora thelohani*."

**Poster Presentations**

- S.D. Maine, J.R. Sauer and R.C. Essenberg, Oklahoma State University, Stillwater, OK, "Cyclic AMP dependent protein kinase from the tick salivary gland *Amblyoma americanum*."
- K.S. Shelby, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Biochemical differentiation of lone star tick salivary glands during attachment and feeding."
- S.B. Mullins, Oklahoma State University, Stillwater, OK, "Evaluation of occult heartworm disease in stray dogs."
- K.I. Adewusi and A.J. Goven, North Texas State University, Denton, TX, "Phospholipase B: Conformation of the eosinophil as the sole leukocyte source in an inflammatory reaction."
- G.S.J. Rao, P.E. Cook and B.G. Harris, North Texas State University, Denton, and Texas College of Osteopathic Medicine, Ft. Worth, TX, "NAD<sup>+</sup>-malic enzyme from *Ascaris suum*: Evidence for an arginine residue in the active site."



- A. Bagheri, J. Ubelaker and G.L. Stewart, Southern Methodist University, Dallas, and University of Texas, Arlington, TX, "Muscle fiber selectivity of *Trichinella spiralis* and *Trichinella pseudospiralis*."
- L.A. Ahlm and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "The effects of yellow grub (*Clinostomum marginatum*) on the growth and condition of largemouth bass: Preliminary results."
- G. Michel, D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Discovery of a new species of *Capillaria* (Nematoda: Capillaridae) from gas bladders of San Marcos River sun fishes."

**Saturday, 21 April 1984**

- W.O. Granath, Jr. and T.P. Yoshino, University of Oklahoma, Norman, OK, "Passive serum transfer of resistance to *Schistosoma mansoni* in the snail vector."
- S.L. Gardner, The University of New Mexico, Albuquerque, NM, "Cestodes of the genus *Hymenolepis sensu stricto* in rodents."
- K.M. Raines and G.L. Stewart, The University of Texas, Arlington, TX, "The relationship between carbohydrate reserves and infectivity in *Trichinella spiralis* isolated from carrion."
- G.L. Stewart, B.G. Wood and R.B. Boley, The University of Texas, Arlington, TX, "Suppression of host inflammatory response by *Trichinella pseudospiralis*."
- M.W. Kilgore and G.L. Stewart, The University of Texas, Arlington, TX, "Oxygen consumption by mice during infection with *Trichinella spiralis*."
- M.L. Mathis and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Studies on the life history of *Diplostomulum scheuringi* (Trematoda: Strigeiodes) from the mosquitofish, *Gambusia affinis*."

## MINUTES OF THE 17<sup>TH</sup> ANNUAL SWAP MEETING, APRIL 20, 1984

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SECRETARY REPORT  
SEVENTEENTH ANNUAL MEETING SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS  
UNIVERSITY OF OKLAHOMA BIOLOGICAL STATION  
LAKE TEXOMA, OKLAHOMA  
A. KOCAN - SECRETARY-TREASURER  
MINUTES OF THE APRIL 20, 1984 MEETING

Call to order at 7:30 P.M. on April 20, 1984 by President David Huffman.

Minutes of the 16th Annual meeting were read by Secretary A. Kocan and were approved as read.

The treasurer's report was given by Treasurer A. Kocan showing a balance of \$1,779.09 in the First National Bank of Stillwater on April 1, 1984. The treasurer's report was approved as read.

A membership committee report wasn't available.

The auditing committee report was presented by Larry Roberts and showed that the treasurers books were found to be in order.

The report by the S.W.A.P. representative to the American Society of Parasitologists was given for the 1983 ASP meeting by Don Duszynski and are on file with SWAP records.

The nominating committee report (N. Dronen) was given by Mike Kemp. The new officers for SWAP are:

President: Ben Harris  
Vice President: Jack Bristol  
Secretary-Treasurer: Alan Kocan  
A.S.P. representative: Donald Duszynski

The resolutions committee report was given by John Janovy and consisted of two resolutions.

Resolution 1 - Thanked all parties associated with the 1984 meeting, the members present and noted nearly all conceivable happenings including modern meteorologic capabilities.

Resolution 2 - noted the untimely death of Dr. Dave Becker and expressed the sorrow of the membership in his passing.

### NEW BUSINESS

Don Duszynski noted that the SWAP history was now up to date. A bound volume and a soft back volume were presented to the president. It was decided that the bound volume would be presented to the American Society of Parasitologists to be kept in the ASP archives and the Secretary of SWAP could keep the second copy. Dr. Duszynski will also have a copy made that he will keep.

Ben Harris commented on the change in format of the 1984 meeting which included an increased emphasis on poster presentations. Discussion from the floor indicated that most members favored this format and it was decided to continue the emphasis on posters next year. It was noted that 14 papers were presented along with 8 posters.

President Huffman announced the untimely death of Dr. David Becker, a long-time member of SWAP and past Secretary-Treasurer.

Dr. Kocan read a letter from Dr. Niederkorn indicating his desire to contact SWAP members to advise them of a memorial scholarship being set up at the University of Arkansas to honor Dr. Becker.

Dr. Self moved that the secretary of SWAP contact all SWAP members indicating that Dr. Becker had died and that contributions could be sent directly to the SWAP treasurer. All contributions could then be sent to a yet to be determined fund in the name of SWAP.

The motion was seconded and passed unanimously.

Numerous choices were presented from the floor as options for the contributions including the H. W. Mantor Laboratory, the University of Oklahoma Biological Station and a student award in Dr. Becker's name. An extensive discussion followed.

Dr. Self moved that the contributions collected in Dr. Becker's memory be presented to the scholarship fund being established at the University of Arkansas.

The motion was seconded and passed by voice vote.

Dr. Loren Hill addressed the meeting and indicated his willingness to provide a \$50.00 per year award to the best student presentation in Dr. Becker's honor.

Dr. Self moved that SWAP acknowledge Dr. Hill's generous gesture and a round of applause followed.

Dr. Janovy moved to accept Dr. Hill's offer. The motion was seconded. A discussion followed including a friendly amendment to have SWAP match Dr. Hill's offer (no action was taken on the amendment due to a lack of a second).

The question was called and the motion passed by voice vote.

Dr. Janovy moved that the new president, Dr. Harris, organize a committee to determine how the award would be administered. The motion was seconded and passed almost unanimously.

Additional discussion followed and Dr. Self moved that the award be left as it was, a \$50.00 gift from Dr. Hill. The motion was seconded and passed unanimously.

Dr. Tuff moved that if Dr. Hill was unable to continue to provide the award at any time that SWAP provide the funds to continue it.

The motion was seconded and passed by voice vote.

Scott Gardner moved that the ASP representative from SWAP suggest to ASP council that a student research award be established with ASP funds.

The motion was seconded and passed unanimously.

Dr. Huffman turned the gavel over to President Ben Harris. Having no further business, the meeting was adjourned at 9:03 P.M.

Respectfully submitted,

A. Kocan, Secretary-Treasurer

**REPORT OF THE 1983 ASP COUNCIL MEETING AT THE 17<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by D. Duszynski, SWAP Representative to ASP Council**

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April 17, 1984



To: David. Huffman, President, SWAP  
Alan Kocan, Secretary-Treasurer, SWAP

From: Don Duszynski, SWAP Representative to ASP Council

Subject: Report on the 73rd ASP Council Meeting held 4 December 1983  
at San Antonio TX.

Attached are copies of the agendas for the 73rd Council Meeting and the 58th Business Meeting of the American Society of Parasitologists. The items of interest to our membership include the following:

1. President Heyneman appointed Larry Ash as chairman of an ad hoc committee to study the topic "Where is Parasitology Going?" Presumably this committee will report to next year's Council Meeting.
2. Beginning 1984 subscription rates to libraries for the Journal of Parasitology will be raised from \$45 to \$90 (domestic) and \$95 (foreign).
3. David Mettrick was selected as the new Editor of the Journal.
4. As of 14 June 1983 the Society had a total membership in good standing of 1,405 (same as in 1982), of whom 1,318 are Active Members, 58 are Retired Members, 14 are Emeritus Members, and 15 are Honorary Members. In addition to members, there were 1,691 Institutional Subscribers, down 5 from 1982. Council approved 96 applications for membership in 1982 compared with 116 in 1981, 53 in 1980, 74 in 1979 and 101 in 1978.
5. A contract was signed with Allen Press for production of the Journal through 1985. The cost for producing the Journal will remain the same for 1984 as it was for 1983 but in 1985 the page rate will increase from \$39.65 to \$42.65. In June 1983, Arly Allen voluntarily reduced the current page rate for the last 5 issues of 1983 by \$4/page. This saved the Society about \$5,000. At present, the cost to produce one issue of the Journal is about \$21,000 and Austin MacInnis recommended keeping each issued at 208 pages.
6. The 58th Annual Meeting of the American Society of Parasitologists was held jointly with the American Society of Tropical Medicine and Hygiene, 4-8 December 1983 in San Antonio, Texas and consisted of 245 presentations. The 1984 meeting is scheduled to be held 5-9 August at Snowbird, Utah. The following meeting places are scheduled for the future: 1985--Lexington, KY (maybe,

see below); 1986--Denver, CO (with ASTMH); 1987--Lincoln, NE ; 1988--Wake Forest, NC; 1989--Vancouver, BC; 1990--East Lansing, MI.

Just before Council met, Gary Uglen (Univ. of Kentucky) decided he couldn't host the meeting. This may be a disaster because ASP has already signed a contract with the UK dorms. Council will try to contact others at UK to see if they will host the meeting, but Lexington may be lost. Annie K. Prestwood volunteered the Univ. of Georgia, Athens for 1985 and this will also be explored by Council.

Council also wishes to explore joint meetings with groups other than ASTMH and R.C. Anderson and A.K. Prestwood will pursue a joint meeting with the wildlife Disease Association, perhaps for 1987 (Lincoln).

7. The Business Advisory Committee (W.C. Marquardt, Chair, B. Bogitsch, L. Jacobs, M.O. Little, G.D. Schmidt, ex officio) recommended that dues should be set by Council. Currently, the membership votes on dues level and this is cumbersome at best. The Committee felt the officers of ASP are elected to manage the Society and to make certain recommendations to the membership. Individual members know little about the financial situation of the Society and would probably rely upon the judgement of Council to set dues and in other fiscal matters. They suggested the By-Laws be changed to read, "Annual dues shall be set by majority vote of the Council." Council voted to submit this recommendation to the By-Laws Committee for their consideration.
8. New officers for the Society are H. Hoogstral, President; G.A. Castro, Vice President; G.W. Esch and J.K. Frenkel, Council Members-At-Large; and P.W. Bash, C. Crandall (Chrm.), G.V. Hillyer, S.E. Maddison and K.D. Murrell. (Four of the 5 are immunologists. Does this show the future direction of the Society?) There were four strong nominees for the Henry Baldwin Ward Medal -and the recipient was another member from SWAP, Dr. W. Michael Kemp.
9. In Memoriam Committee announced the passing of Thomas W. Holbrook, Leo A. Jachowski, Barnett F. Smith, Harstry J. Dupey, Harry J. Bennett, R. Barclay McGhee and Christopher A. Wright.
10. The Committee on Education is updating the Society's publication "Opportunities for Graduate Training in Parasitology." The updated version should be available from Allen Press in the Spring 1984.
11. The revised By-Laws, approved by Council in August 1982 were submitted to the membership for approval and were overwhelmingly approved. The new By-Laws will be published in a forthcoming issue of the Journal.
12. Howard Ward, President-Elect of AIRS, spoke to Council on the benefits of ASP/AIBS association. Basically the reasons boil down to strength in numbers, sharing of information and coordination of political activities.

13. Dr. Johnson from Australia spoke to Council about ICOPA-VI which will be held in Brisbane (Queensland) which is on the east coast of Australia, the same side as the Great Barrier Reef. ICOPA-VI will be held 24-30 August 1986 and they are hoping to limit registration to less than \$100 US. There will be six separate "Streams" each with three or more separate symposia. The major Streams will include: (1) Molecules, cells and parasitism; (2) Parasites and human health; (3) The parasite assemblages; (4) Parasites in aquatic environments; (5) Productivity and animal health (heminthology); (6) Productivity and animal health (protozoa and arthropods)
14. Finally, the Harold W. Manter Laboratory, Division of Parasitology, University of Nebraska State Museum was approved by Council as the permanent repository for ASP Archives.

Respectfully submitted,

Donald W. Duszynski  
SWAP Representative to ASP Council

DWD/mw

## REPORT OF THE RESOLUTIONS COMMITTEE, 17<sup>th</sup> ANNUAL SWAP MEETING

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### 1984 SWAP RESOLUTIONS

Whereas, again in 1984, as in all previous years in which SWAP has met at UOBS, Loren Hill and his staff have provided efficient help and service beyond the call of any duty, and

Whereas, Loren is to be congratulated over his recent marriage, and

Whereas, so is Linda, and

Whereas, the possibility always exists that UOBS may not cash various random checks, and

Whereas, The UOBS cooks have again demonstrated their uncanny powers with the agricultural products of America, and

Whereas, the UOBS plumbers showed marvelous skill and grace under back pressure in handling emergencies, and

Whereas, President David Huffman has presided and is presiding with style and class appropriate for a gentleman, scholar and parasitologist, and

Whereas, Vice President Ben Harris has remained unflappable and cool in the discharge of his local committee duties, and

Whereas, Al Kocan has kept the membership records and accounts in order and has survived his annual audit, and

Whereas, there are two totally different views of the physical environment provided by the U.S. Weather Service, and

Whereas, SWAP members from the far north got their preview of Spring, Forsythia, tulips, dogwood, scissor tailed flycatchers and mockingbirds, and

Whereas, SWAP members from various south Texas and border towns got their annual severe weather, and

Whereas, those who prepared posters demonstrated inordinate graphics skills, and

Whereas, those who presented and will present papers have shown and will show dignity and presence in front of an audience, and

Whereas, the members have responded to the posters and papers by asking courteous and interesting questions, and

Whereas, the association is blessed with the attendance of some members we've not seen for some time, and

Whereas, the association is blessed with the attendance of new members as well as members we've seen year after year, and

Whereas, the late evenings have again been spent in refreshing and exciting deep considerations of the overriding parasitological questions such as (1) who is the real DNA mother in the core of the galaxy and (2) what is the true nature of the God of the Gap functions,

Be it Resolved: That the Southwestern Association of Parasitologists expresses its sincere thanks and appreciation to all persons and forces who have contributed to another grand time had by all.

AND:

Whereas, Dr. David Becker was a dedicated and vital part of this Association, its business, and the conduct of these meetings, and his wife Jeannie enjoyed participation in the Association's activities almost as much as David did,

Be it Resolved: That the Southwestern Association of Parasitologists expresses its deepest sorrow over the passing of Dr. and Mrs. Becker.

Respectfully submitted  
John Janovy, Jr., Chairman  
Brent B. Nickol  
Janine Caira

**EIGHTEENTH MEETING**  
**Southwestern Association of Parasitologists**  
**Lake Texoma, OK      11-13 April 1985**

**PROGRAM**

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**Friday, 12 April 1985**

S.J. Upton, W.L. Current and T.B. Haynes, University of Texas, El Paso, TX, Eli Lilly Research Laboratory, Greenfield, IN, and USDA Regional Parasite Research Laboratory, Auburn, AL, "Life Cycle of *Cryptosporidium* sp. in the bursa and large intestine of domestic chickens."

\* T.P. Hill and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidian parasites from sciurid rodents from the Western United States and Northern Mexico."

\* A.R. Wattam and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The coccidia of the European mole, *Talpa europea*, in England."

N.O. Dronen and J.W. Mellon, Texas A&M University, College Station, TX, "Development and proposed application of a multicompartmental model to describe the population dynamics of *Haematoloechus complexus* (Digenea: Plagiorchiidae)."

T.B. Cole, Jr. and D.T. John, Oral Roberts University School of Medicine, Tulsa, OK, "The fine structure of *Naegleria fowleri* amoebostomes."

\* S.M. Shawar and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Thiol-dependent proteinases from soluble egg antigen of *Schistosoma mansoni*: Purification and partial characterization."

\* Y. Xu, S.M. Shawar and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Biochemical studies of a leucine aminopeptidase from *Schistosoma mansoni*."

\* L.A. Hertel and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidian parasites of shrews (*Blarina* and *Sorex* spp.) collected from Canada, Japan, and the United States."

\* J.O. Scott, P. Diffley and L.S. Roberts, Texas Tech University, Lubbock, TX, "Analysis of possible virulence factors of African trypanosomes: Growth, antigen type, and morphology."

\* C.D. Wash and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidia from the harvest mouse (*Reithrodontomys megalotis*) collected in California, New Mexico, and Mexico."

\* Papers in student competition

**Poster Presentations**

D. Russell and G.A. Castro, University of Texas Medical School, Houston, TX, "Pharmacological studies of epithelial secretary responses during intestinal anaphylaxis."



- D.T. John and T.B. Cole, Jr., Oral Roberts University School of Medicine, Tulsa, OK, "Pathogenic *Naegleria australiensis* isolated from an Oklahoma lake."
- M. Sakamoto, J. Meier, D. Folsie, R. Fader and A. Ewert, Institute for Tropical Medicine, Nagasaki University, Japan, and University of Texas Medical Branch, Galveston, TX, "Perturbation of lymphatic endothelial cells by filaria."
- K.S. Shelby, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Control of protein synthesis and cell differentiation in the tick salivary gland."
- E. MacDonald, M.E. Archer, J.E. Wolf and E.B. Smith, University of Texas Medical Branch, Galveston, and Baylor University Medical Center, Houston, TX, "Caripito itch in the United States."
- S.D. Maine, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Reaction mechanism of protein phosphorylation by the catalytic subunit of the tick salivary gland cAMP-dependent protein kinase."
- B.A. Wariso, M.R. Kaeini and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, TX, "Partial purification of phosphofructokinase and determination of metabolite and regulatory enzyme levels of *Dirofilaria immitis*."
- G. Kulkarni, G.S.J. Rao and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and Northern Texas State University, Denton, TX, "Phosphorylation of phosphofructokinase."
- G.S.J. Rao, P.F. Cook and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and Northern Texas State University, Denton, TX, "Functional histidyl residues in phosphofructokinase of *Ascaris suum*: Modification by diethylpyrocarbonate."

### **Saturday, 13 April 1985**

- S.L. Gardner, The University of New Mexico, Albuquerque, NM, "Coevolution of nematodes and their rodent hosts: A proposal."
- J.H. Pruett, W.F. Fisher and J.R. DeLoach, ARS, USDA, Kerrville, and ARS, USDA, College Station, TX, "Dexamethasone-induced bovine T-lymphocyte suppression and the effect upon susceptibility of cattle to *Psoroptes ovis* infestation."
- W.F. Fisher, J.H. Pruett and J.R. DeLoach, ARS, USDA, Kerrville, and ARS, USDA, College Station, TX, "Effects of dexamethasone on serum anti-*Psoroptes ovis* IgG activity, scabies lesions, and *P. ovis* numbers in cattle."
- L.L. Hannigan, R.A. Masaracchia and M.J. Donahue, North Texas State University, Denton, and Texas College of Osteopathic Medicine, Ft. Worth, TX, "Purification and characterization of glycogen synthase from *Ascaris suum* muscle."
- Y. Harari and G.A. Castro, University Texas Medical School, Houston, TX, "Are biochemical changes in BBM a requisite for the rapid rejection of *Trichinella spiralis*?"

- R.E. Martin and M.J. Donahue, North Texas State University, Denton, TX, “*In situ* muscle response and myosin light chain phosphorylation in *Ascaris suum*.”
- J.G. Preddy, N.O. Dronen, Jr., and J. Mellen, Texas A&M University, College Station, TX, “Preliminary investigation of the bacterial flora in the gut of the pinworm *Hammerschmidtella deisingi* which parasitizes the gut of the the cockroach, *Periplantea americana*.”
- K.J. Reinhard and R.H. Hevly, Texas A&M University, College Station, TX, and Northern Arizona University, Flagstaff, AZ, “Paleoparasitology of the Colorado plateau.”

**MINUTES OF THE 18<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by A.A. Kocan, SWAP Secretary-Treasurer**

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**Minutes of 18th Annual Meeting of  
Southwestern Association of Parasitologists**

The 18th Annual Meeting of SWAP was called to order by President Ben Harris at 7:30 P.M., April 12, 1985, in the library of the University of Oklahoma Biological Station.

Minutes of the 17th Annual Meeting were read by Secretary A. Kocan and were approved as read.

The treasurer's report was presented by Treasurer A. Kocan reflecting a balance of \$2,580.05 as of April 1, 1985, in the First National Bank of Stillwater, Oklahoma.

The auditing committee (M. Donahue and D. T. John) reported that they inspected SWAP financial records and found them in order. Having done so, they moved that the treasurer's report be accepted. The motion carried unanimously.

The membership committee report was presented by Secretary-Treasurer A. Kocan indicating that 173 members were on our mailing list although only 69 members had paid for 1985 (54 full members, 15 students) representing 40% paid.

A discussion followed concerning how long non-paying members should be allowed to remain on the list. It was suggested that an updated list be brought to annual meetings for review each year and that non-paying members be removed from the list after 2 years.

Dr. Don Duszynski gave the report as SWAP representative to ASP for the 59th Annual Meeting held at Snowbird, Utah, August 5, 1984. This report is on file with SWAP records.

The nominating committee report was presented by Dave Huffman. The officers for 1985-86 are:

President - John Bristol  
Vice President - Tim Yoshino  
Secretary-Treasurer - A. Kocan  
ASP Representative - Don Duszynski

The resolutions committee report was presented by John Janovy which touch on all aspects of the 18th Annual Meeting ranging from superlatives on the picturesque shores of Lake Texoma to welcoming those back to our midst who have not been part of the proceedings for some time.

Because of his well known oratorical and literary capabilities, a motion was presented to make Dr. Janovy the official chairman of the resolutions committee.

The motion was passed unanimously.

The report of the ad-hoc committee on student awards was presented by Ben Harris. President Harris outlined the history of the award and

indicated that it had been decided to allow all students present to evaluate presentations and determine the winner of the Dave Becker Student Presentation Award.

John Bristol gave an introduction to this year's award which involved 7 student presentations.

Dr. Gil Castro presented a short history of Dr. Becker and reflected on Dr. Becker's service to SWAP and dedication to students.

Dr. Bristol announced the first recipient of the award as Mr. Jim Scott from Texas Tech University.

A discussion followed concerning the administration of the \$500.00 contribution of Dr. L. Hill toward establishing this award and the desire to allow it to generate enough interest to be self-perpetuating. John Bristol moved to have D. Duszynski look into the possibility of the Biology Department at the University of New Mexico establishing an endowment which would generate interest \$50.00 per year. If the possibility of such an endowment was real, the motion allowed for the officers of SWAP to place the money necessary into such a fund and report back to the membership at the 1986 meeting.

If financial plans could not be worked out with the University of New Mexico, efforts should be made to contact the University of Oklahoma to investigate a similar arrangement with them.

The motion passed unanimously.

A notice from Immunology Today (Elsevier Publications - Cambridge) soliciting our membership list was discussed. It was moved and seconded that our list not be provided. The motion carried unanimously.

The gavel was turned over to John Bristol from Ben Harris.

Having no further business, President Bristol adjourned the meeting at 8:30 P.M.

Respectfully submitted,

A. A. Kocun  
Secretary-Treasurer, SWAP

**REPORT OF THE 1984 ASP COUNCIL MEETING AT THE 18<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by D. Duszynski, SWAP Representative to ASP Council**

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THE UNIVERSITY OF NEW MEXICO

Date: August 21, 1984

To: Ben Harris, President, SWAP  
Alan Kocan, Secretary-Treasurer, SWAP

From: Don Duszynski, SWAP Representative to ASP Council

Subject: Report on the 74th ASP Council Meeting held 5 August 1984 at  
Snowbird UT

This was not one of the most exciting council meetings I have ever attended, nor was it one of the longest, but there were a number of significant points discussed which should be of interest to our membership.

1. President Rausch opened the meeting by thanking outgoing Council Members Gerhard Schad and John Janovy Jr. and welcoming new members Jack Frenkel and Gerald Esch. President Rausch pointed out that we have a strong tradition of parasitology in the U.S. and Canada, but that in the last decade or so we have not done a good job of maintaining that tradition. Major concerns of the Society are how to increase membership and how to make our Society and its meetings more relevant and meaningful to the membership.
2. As of July 18, 1984 the Society had a total membership in good standing of 1365 (down 40 from 1983), of whom 1076 are Active Members, 18 are Active Nonsubscribing Members, 165 are Student Members, 78 are Retired Members, 13 are Emeritus Members, 15 are Honorary Members and 1 is Retired and Honorary. In addition to members, there were 1583 Institutional Subscribers, down 11 from 1983. Council approved 101 applications for membership in 1978, 74 in 1979, 53 in 1980, 116 in 1981, 96 in 1982, 128 in 1983 and 57 as of 30 June 1984.
3. ICOPA-VI will be held 24-30 August 1986, University of Queensland, Brisbane, Australia. Travel Planners, Inc. was designated the official travel coordinator for ICOPA-VI because it operates both in the U.S. and Australia. Continental Airlines has asked to be the official airline for ICOPA-VI and those who participate will be offered reduced fare from their point of departure to the "gateway" (San Francisco) for only \$86.
4. Career booklets, "Careers in Parasitology, Medical Zoology, Tropical Medicine" have been reprinted and are now available from the Secretary-Treasurer. Also, Council authorized \$1000 to print the revised booklet, "Opportunities for Graduate Training in Parasitology," which lists all institutions in the U.S., Canada, Aus-

- tralia, England and western Europe where students can study parasitology.
5. The report of our new Editor, Dr. Mettrick was long and detailed and certain parts of his report will be read to the membership of SWAP at the annual business meeting.
  6. The 59th Annual Meeting of the American Society of Parasitologists was held 5-9 August 1984 at Snowbird UT and consisted of 138 papers. In contrast, last year's joint meeting with ASTMH in San Antonio had 245 presentations (45% drop from Dec '83 to Aug '84). Future meetings include Athens GA (4-8 Aug. '85, jointly with WDA), Denver CO (Nov. '86, jointly with ASTMH), Lincoln NE (Aug. '87), Winston-Salem NC (Aug. '88) Vancouver BC (6-10 Aug. '89) and East Lansing MI (Aug. '90).
  7. The bound copy of SWAP's 15-year history was given to M.H. Pritchard, ASP Archivist, and will be deposited in the Harold W. Manter Laboratory, at the University of Nebraska State Museum, Lincoln. Dr. Pritchard requested the cooperation of all ASP members in depositing pertinent records and reports in the Archives. Council approved reimbursement of \$600 to the former archivist for accumulated expenses and shipping charges to transfer the Archives to Lincoln, approved the purchase of 2 large metal storage cabinets (\$360) and an annual budget of \$400 for binding, framing, secretarial assistance, etc. for the Archives Office.
  8. New officers for the Society are Harry Hoogstral, President; Ray Damian, President-Elect; Larry Roberts, Vice President; Gerald Schmidt, Secretary-Treasurer; Dickson Despommier and Mike Kemp, Council Members-at-large; and Dan Colley, Phil D'Alesandro, Dennis Dwyer, John McCall (Chrm.) and Ming Wong as members of the Nominating Committee. There were only three nominees for the Henry Baldwin Ward medal and the recipient was Dr. Peter Pappas, another former member of SWAP.
  9. The In Memoriam Committee announced the passing of David A. Becker, Leroy H. Fisk, Harold L. Howes, Jr. and Marietta Voge.
  10. Considerable support has been expressed nationally for a Biological Survey of the United States (BISUS). Much of this effort is being coordinated by Michael Kosztarab, Professor of Entomology, Virginia Polytechnic Institute. The U.S. is the only major developed country today without a government-organized and funded Biological Survey to work on its native fauna and flora. The Biological Survey would (1) inventory and monitor the biota; (2) develop species catalogues, identification manuals and monographs; (3) deposit types and voucher specimens in major public collection; (4) develop and maintain a national data bank on the biota; and (5) coordinate national renewable resource data. Scientists and all scientific organizations are being asked to support BISUS. During 1982-84, 8 national and 3 regional scientific organizations representing over 200,000 members passed or supported resolutions requesting that the U.S. Government provide funds for a biological survey in the United States. Ten U.S. government agencies expressed positive response to the resolutions. The proposed bill is now

under consideration by Senator R. T. Stafford, Chairman of the Senate Committee on Environment and Public Works. The amount of \$10 million dollars/year proposed for BISUS is only 1.4% of the increase for basic research budgeted by the Administration for 1985. ASP Council voted unanimously to notify Senator Stafford of its support For BISUS.

11. A blue ribbon committee, chaired by Gil Castro, grappled with the difficult question of what are the priorities in parasitology. The conclusion was that a consensus opinion on priorities in parasitology may never be reached, but heeding a suggestion by Bill Campbell (a former committee member) Castro's Committee suggested that "making our meetings more fun scientifically" was a reasonable priority that ASP could actually begin to work on in a reasonable fashion. The topic of priorities received a great deal of discussion, but the only action taken was that Council urged the Committee to look into ways to improve our meetings scientifically.
12. This item may also have some bearing on priorities. The American Association of Veterinary Parasitology (AAVP), founded in 1956, has been affiliated with the AVMA and has held its annual meetings jointly with the AVMA. The AAVP membership has grown to over 230 persons, they publish an annual meeting program (83 papers in 1984), and a newsletter. It is the desire of AAVP to establish closer ties with ASP, to explore possible areas where the two organizations may effectively interact and to plan for future co-sponsorship of meetings, sessions or symposia of mutual interest. To coordinate communication, AAVP established the position of Representative to ASP Council (R. Fayer).
13. Under "New Business," Council (1) approved Bob Meade as Program Officer for a second term, (1985-87); (2) approved that representatives from affiliate societies must be ASP members; (3) decided to have a yard sale on back issues of JP--Jerry Schmidt and Allen Press will get together to work out the details; (4) sent a letter of support to the People's Republic of China newly-formed National Society of Parasitologists and (5) appointed Don Duszynski and Gil Castro a committee of two to present Council with a framework for setting up graduate student awards for promising young parasitologists.

Respectfully submitted,

Donald W. Duszynski  
SWAP Representative to ASP Council

DWD/mw

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REPORT OF THE RESOLUTIONS COMMITTEE, 18<sup>th</sup> ANNUAL SWAP MEETING

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1985 SWAP RESOLUTIONS

Whereas, the grand and glorious state of Oklahoma, the cultural center of The Universe, has again bestowed upon the Southwestern Association of Parasitologists these days of magnificent weather laced with the never-ending song of the mockingbird, and

Whereas, the students of SWAP have handled the resurrection of the student paper award with consummate dignity and grace, and

Whereas, all program participants have brought to us their new ideas and interpretations of their astute observations on the murky world of the parasite, and

Whereas, deep and lengthy conversations, intense, loud, pointed and carrying far into the night have brought enlightenment to all registered at these meetings, and

Whereas, all those who have made it to this evening's meeting can be said to, in fact, have completed a required ritual, and

Whereas, parasitologists' children have enjoyed the swings and inner tube on a rope, and

Whereas, numerous people have strolled their pensive ways along the picturesque and sculptured shores of beautiful Lake Texoma, and

Whereas, we welcome back to our midst those who've not been a part of our proceedings for some time, and

Whereas, we officially miss those who were not able to make it this year, and

Whereas, we thank those who have come for these sacred days, and

Whereas, the food has been great, and

Whereas, the refreshments have also been great, and

Whereas, Dr. Loren Hill and his staff again deserve our utmost appreciation for their special role in providing us this intellectual oasis and metaphorical Nirvana, and

Whereas, the officers and committee chairpersons of SWAP have, as usual, done their onerous, but educational and highly rewarding tasks, then

Be it Resolved: That the 18th Annual Meeting of the Southwestern Association of Parasitologists is hereby declared an unqualified success.

Respectfully submitted,  
John Janovy, Jr., Chairman



NINETEENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK                      3-5 April 1986

PROGRAM

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**Friday, 4 April 1986**

- S.J. Upton, J.R. Bristol, L.F. Mayberry, E.D. Rael and J. Galindo, University of Texas, El Paso, TX, "Inhibition of T-Lymphocyte blastogenesis during infection with *Eimeria nieschulzi*."
- W.C. Marquardt, B.A. Pafume and D. Bush, Colorado State University, Ft. Collins, CO, "Expose and challenge studies as a measure of immunity to *Eimeria separata* in the rat."
- \* C.G. Hazen-Karr, A.A. Kocan, K.M. Kocan and J.A. Hair, Oklahoma State University, Stillwater, OK, "Development of *Theileria cervi* sporozoites in salivary glands of *Amblyomma americanum*."
- \*T.P. Hill, T.L. Best and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidian parasites (Apicomplexa: Eimeriidae) recovered from Heteromyid rodents in the Southwestern United States, Northern Mexico, and Baja California."
- \* R. Broaddus, J.R. Bristol and L.F. Mayberry, University of Texas, El Paso, TX, "Suppression of intestinal eosinophilia by *Eimeria nieschulzi* during a infection."
- \* J.C. Petrozza, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Eosinophil chemotaxis during *Nippostrongylus brasiliensis* infection in rats."
- \* R.J. Lodes and T.P. Yoshino, University of Oklahoma, Norman, OK, "*In vitro* and *in vivo* development of cultured *Schistosoma mansoni* primary sporocysts."
- \* L.A. Hertel and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Turbellarians from North American sea urchins with the reinstatement of the genus *Syndisyrinx*."
- \* S.E. Wages and L.S. Roberts, Texas Tech University, Lubbock, TX, "Control of glycogen synthase and phosphorylase activities in *Hymenolepis diminuta* and *H. microstoma* by exogenous glucose."
- \* M.A. Worley, S.J.N. McNabb, T. Downs, M.H. Ivey and D.C. Graves, University of Oklahoma, Norman, OK, "Analysis of *Pneumocystis carinii* antigens."
- \* C.D. Wash, D.W. Duszynski and T.L. Yates, The University of New Mexico, Albuquerque, NM, "Comparison of mobilities of allozymes of *Eimeria arizonensis* from two species of *Peromyscus*."
- \* S.H. Favela, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Gama-glutamyl transpeptidase and peroxidase activities in small intestinal mucosa of parasitized and unparasitized rats."
- \* T. McGregor and J.E. Ubelaker, Southern Methodist University, Dallas, TX, "Fine structure and function of cement glands in a Jamaican umagillid, *Syndisyrinx* sp."
- M.J. Nelson and B.B. Nickol, University of Nebraska, Lincoln, NE, "Survival and histopathology of infection of *Macracanthorhynchus ingens* in swine."

- K.A. Waldrop, P.J. Holman, R.E. Droleskey and G.G. Wagner, Texas A&M University and ARS-USDA, College Station, TX, "Characterization of the cervine piroplasm, *Babesia odocoilei* (Emerson)."
- C.T. McAllister, J.E. Ubelaker and S.E. Trauth, V.A. Medical Center and Southern Methodist University, Dallas, TX, and Arkansas State University, State University, AR, "Endoparasites of the Texas spotted whiptail lizard, *Cnemidophorus gularis* (Sauria: Teiidae) from Texas."
- S.W. Mukolwe, F.N. Mwakima, J. Grootenhuis and R. Tatchell, Veterinary Research Laboratory, Kabete, Kenya, "A study of the role of wildlife and domestic livestock in the maintenance of tick populations in Kenya."
- D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Some recommendations for interpreting and reporting biological data."

\* Papers in student competition

### Poster Presentations

- D.T. Johns and K.L. Hoppe, Oral Roberts University School of Medicine, Tulsa, OK, "Isolation of *Trypanosoma cruzi* from wild raccoons in Tulsa, Oklahoma."
- G.S.J. Rao, P.F. Cook and B.G. Harris, North Texas State University, Denton, TX, "Kinetic cooperativity and hysteresis in phosphofructokinase from *Ascaris suum*."
- N.G. Srinivasan, B.A. Wariso, G.S.J. Rao and B.G. Harris, North Texas State University, Denton, and Texas College of Osteopathic Medicine, Ft. Worth, TX, "Studies on phosphofructokinase from *Dirofilaria immitis*."
- S.-H. Park, B.G. Harris and P.F. Cook, North Texas State University, Denton, and Texas College of Osteopathic Medicine, Ft. Worth, TX, "*Ascaris suum* malic enzyme: Malate analogs as a probe of the malate binding site."
- G. Kulkarni and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, "Phosphorylase kinase from *Ascaris suum*."
- R.R. Mitschler and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Gregarine population dynamics from orthopteran hosts."
- K.I. Adewusi and A.J. Goven, North Texas State University, Denton, TX, "Effect of anti-thymocyte serum on the lysophospholipase response in mice infected with *Trichinella spiralis*."
- L.F. Mayberry, S.J. Upton and J.R. Bristol, The University of Texas, El Paso, TX, "Suppression of *Nippostrongylus brasiliensis* induced eosinophilia by *Eimeria nieschulzi* in rats."
- R.L. Dotson, J. Ubelaker and J. Leveson, Southern Methodist University, Dallas, and Baylor Medical Center, Houston, TX, "Effect of *Angiostrongylus costaricensis* infection upon the hemostatic mechanism of the cotton rat, *Sigmodon hispidus*."

**Special Program** Dr. Alan Kocan, Oklahoma State University, Stillwater, OK, "Present Status of Vector-borne Diseases in East Africa."

**Saturday, 5 April 1986**

G.L. Stewart, M.A. Mann, J.E. Ubelaker and J.L. McCarthy, University of Texas, Arlington, and Southern Methodist University, Dallas, TX, "Modulation of host response by *Trichinella pseudo-spiralis*."

W.F. Fisher, J.H. Pruett and C.C. Barrett, ARS, USDA, Kerrville, TX, "Development of serum antibody to *Hypoderma lineatum* fraction 4 proteins in vaccinated and non-vaccinated cattle."

C.A. Boswell and T.P. Yoshino, University of Oklahoma, Stillwater, OK, "Autoradiographic analysis of surface proteins from *Schistosoma mansoni* primary sporocysts."

K.I. Adewusi and A.J. Goven, North Texas State University, Denton, TX, "Enhancement of lyso-phospholipase activity with *Trichinella spiralis* antigen: Evidence for cell cooperation."

J.P. Williams, J.R. Sauer, R.C. Essenberg and L.A. Claypool, Oklahoma State University, Stillwater, OK, "Protein phosphatase activity in the salivary glands of the lone star tick (*Amblyomma americanum*)."

K.S. Shelby, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Induced lone star tick, *Amblyomma americanum* (L.), salivary gland proteins: Effects of temperature and juvenile hormones, feeding, attachment and mating."

A.A. Rege, M.H. Dresden and C.Y. Song, Baylor University Medical Center, Houston, TX, "Cysteinyll proteinase activity from viviparus."

P. Herrera and M.H. Dresden, Universidad Peruana Cayetano Heredia, Lima, Peru, and Baylor University Medical Center, Houston, TX, "Proteolytic activity of *Fasciola hepatica* adult worms."

K.S. Zerda, C.L. Chappell and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Immunogenicity of a cysteinyll proteinase from adult *Schistosoma mansoni* in a primate model."

**MINUTES OF THE 19<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by L.F. Mayberry, SWAP Secretary-Treasurer**

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**Minutes of the 19th Annual Meeting  
Southwestern Association of Parasitologists**

The 19th Annual Meeting of SWAP was called to order by President Jack Bristol at 8:20 pm, April 5, 1986, in the library of the University of Oklahoma Biological Station.

Minutes of the 18th Annual Meeting were read by Secretary A. Kocan and approved as read.

The treasurer's report was presented by Treasurer Kocan reflecting a balance of \$2,180.16 as of April 1, 1986 in the First National Bank of Stillwater, Oklahoma. This is not an exact representation of the SWAP's financial status since the Association has not received monies owed it from the 1984 Annual Meeting by the UOBS. The figure will be higher when accounts with the Biology Station have been settled.

The Auditing Committee (F. Sogandares and D. Huffman) report was presented by D. Huffman who reported the SWAP financial records had been inspected and were found to be in order.

The Membership Committee report was presented by Secretary-Treasurer Kocan indicating that 153 members were on the mailing list although only 49 members had paid dues for 1986. Payment of dues was encouraged! Persons who have not paid dues for 2 years as of 1987 will be dropped from the mailing list.

The Nominating Committee report was presented by the chairman, Manus Donahue, after a few brief words stressing the importance of voting. The officers for 1986-87 are:

President	- Tim Yoshino
Vice President	- Alan Kocan
Secretary Treasurer	- Lillian Mayberry
ASP Representative	- Don Duszynski

The David A. Becker Memorial Award for an outstanding student paper presentation was presented by Vice President Tim Yoshino to M.A. Worley of The University of Oklahoma Health Sciences Center who presented a paper entitled, "Analysis of Pneumocystis carinii antigens."

President Bristol presented a report for Don Duszynski, ASP Representative, on the Annual Meeting held in Georgia, August, 1985. The report is on file with the SWAP records.

The Resolutions Committee report was presented by John Janovy whose whereas' covered all events from the biblical flood to declaring the 1986 meeting a success.

Old business was called for by President Bristol. He reported it was not possible to place the \$500 for student awards into an account in New Mexico. President Bristol recommended that the new officers arrange for the money to be deposited in an interest-bearing account.

New business was called for. Dave Huffman made a friendly motion that smoking in the library be discouraged during SWAP activities. A friendly second was given and the friendly motion was passed unanimously by the friendly members.

The gavel was turned over to Vice President Yoshino by President Bristol. Having no further business, President Yoshino adjourned the meeting at 8:50 p.m.

Respectfully submitted,

Lillian F. Mayberry  
Secretary-Treasurer, SWAP

**REPORT OF THE 1985 ASP COUNCIL MEETING AT THE 19<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by D. Duszynski, SWAP Representative to ASP Council**

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THE UNIVERSITY OF NEW MEXICO

Date: October 28, 1985

To: John Bristol, President, SWAP  
Alan Kocan, Secretary-Treasurer, SWAP

From: Don Duszynski, SWAP Representative to ASP Council

Subject: Report on the 75th ASP Council Meeting held 4 August 1985 at  
the University of Georgia, Athens

Significant points that should be of interest to our membership including at least the following:

1. President Hoogstraal opened the meeting by welcoming new council members Dickson Despommier and Mike Kemp and thanking outgoing council members Don Duszynski and Annie K. Prestwood.
2. As of 18 June 1985, the Society had a total membership in good standing of 1375 (up 10 from 1984), of whom 1057 are Active Members, 22 Active Nonsubscribing, 169 Student Members, 43 Retired Members, 56 Retired Nonsubscribing members, 13 Emeritus members, and 15 Honorary Members. In addition to members, there were 1553 Institutional Subscribers, up 26 from 1 June 1984. Council approved 53 applications for membership in 1980, 116 in 1981, 96 in 1982, 128 in 1983, 93 in 1984 and 72 through June 1985.
3. The Society's net worth at the end of June 1985 is \$302,347.42 compared with \$202,660.80 in 1981.
4. Sherwin Desser, reporting for Editor David Mettrick (on sabbatical leave), noted that beginning with the June 1985 issue the journal was back on schedule so that each issue from now on will appear in the month it is supposed to. He also noted a number of changes in Journal style including the requirement of full journal titles in the literature citations. The Editorial Board also agreed to publish invited review articles and members are invited to suggest topics suitable for review and appropriate experts who might be asked to prepare such reviews. Also, future Stoll-Stunkard lectures will be published in the journal. Finally, the backlog of papers has now been cleared and the target the editors are aiming for is an average of eight months from review to publication. About 35% of all papers submitted are from outside North America; and the Journal has an overall rejection rate of about 32% for all papers submitted.
5. The 60th Annual Meeting of ASP was held 4-8 August 1985 in Athens GA. The meeting consisted of 153 papers (up 15 from 1984). Future meetings include Denver CO (7-11 December 1986, jointly with

ASTMH), Lincoln NE (August 1987, jointly with WDA), Winston-Salem NC (August 1988), Vancouver BC (6-10 August 1989), East Lansing MI (August 1990) and Norman OK (August 1991). In addition, the Site Selection Committee recommended Nashville TN (1992), South Bend IN (1993) and Columbus OH (1994) as future meeting sites.

The convention hotel for the 1986 meeting in Denver is the city Center Marriott Hotel. At this time, the room rates are estimated to be \$74, single; \$90 double.

6. The Business Advisory Committee recommended, and Council voted unanimously, to ask the membership (mail ballot) to allow Council to have the power to make all financial decisions (e.g., dues increases, page charges, etc.) rather than having to go to the membership for each decision.
7. New officers for the Society are Ray Damien, President; Bill Campbell, President-Elect; Catherine Crandell, Vice President; Gerald Schmidt, Secretary-Treasurer; William Hanson and Raymond Kuhn, Council Members-at-large; and Wilford Bailey (Chrm.), Lyndia Slayton Blair, Robert B. Grieve, Darwin Murrall, Dick Seed and James L. Bennett (alt.) as members of next year's Nominating Committee.
8. Dr. Daniel R. Brooks was the recipient of the 1985 Henry Baldwin Ward medal. Council made two important changes regarding this award: (1) They unanimously agreed to make a \$1000 cash award to the recipient and to pay for all travel expenses from the Stoll-Stunkard Endowment; and (2) Council went on record to make the recipient of the Ward medal public before the meeting.
9. Emeritus membership is currently limited to 1% of the active membership. Council moved to change this figure to 2%.
10. The In Memorium Committee noted the passing of Ronald Elsdon-Dew, Elmer C. Herber, Vichazelhu Iralu, Michael Lavoipierre, Lucy Graves Taliaferro, Robert Stabler and Lawrence Penner.
11. Gil Castro and Don Duszynski recommended to Council that it establish two categories of awards for promising young parasitology students (attached). Council delayed action on the Research Award until it could be studied more thoroughly by the Education, Business Advisory, and Awards Committees, but it unanimously passed our recommendation to establish some Best Student Paper Awards. This information will be published in the next ASP newsletter and the call for papers for the Denver meeting in 1986 will request papers from students who wish to enter the competition.

Respectfully Submitted,

Donald W. Duszynski  
SWAP Representative to ASP Council

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## STUDENT AWARDS PROPOSED AT THE 1985 ASP COUNCIL MEETING

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### AWARDS FOR PROMISING YOUNG PARASITOLOGISTS

(D.W. DUSZYNSKI, G.A. CASTRO)

We recommend the initiation of two student awards. One would require long-term planning. The other could be initiated after critical, but not necessarily lengthy, planning. The two awards are discussed below.

#### I. Graduate Student Research Award

This award, which would support research activities, requires substantial funds for its initiation and continuance. Serious, long-term planning would be necessary to assure the viability of this program.

- A. Purpose: To support innovative/creative research by graduate students in any subspecialty in parasitology.
- B. Nature of the Award: A \$5,000 grant will be made annually to one student selected through national competition; in essence, this will be a career development award.
- C. Source of Funds for Award: A \$50,000 endowment will be put in place by ASP Council. The proceeds from the endowment will then be used to support a graduate student's research program on an annual basis.
- D. Eligibility and Limitations: Awards will be made only to Ph.D. candidates (final year?) who are members of the ASP. An individual will be eligible for the award only once in his/her lifetime.
- E. Responsibility for Student Selection: The guidelines for soliciting student applications and for selecting recipients of awards will be established by the ASP Awards Committee.

#### II. "Best Student Presentation" Award

This would be an award for the best oral presentation for a research paper by a student at the annual ASP meeting.

- A. Purpose: To recognize the research/scientific contributions made by students in parasitology.
- B. Nature of the Award: A \$250 award will be made annually to each of two students judged by a Selection Committee of ASP members as presenting the best papers at each annual meeting. The students will be selected from among their peers who submit a formal application indicating their desire to be considered for the award.
- C. Eligibility and Limitations: The awards will be given to undergraduate or graduate student members of ASP presenting a paper selected by the ASP program committee for inclusion in the official program.



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## PROPOSED STUDENT PRESENTATION EVALUATION FORM

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### AMERICAN SOCIETY OF PARASITOLOGISTS Student Presentation Evaluation Form

Student's Name: \_\_\_\_\_

Title of Research Paper: \_\_\_\_\_

Authors: \_\_\_\_\_

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Score

I. Research (50 points)

- A. Problem (10 points): The project described will be evaluated, not only on the basis of subject matter, but also on the novelty and creativity reflected in the overall approach to the specific problem under study.
- B. Experimental Design and Conduct (30 points):
  - 1. Is a hypothesis clearly stated or made intuitively obvious?
  - 2. Are specific aims stated and carried out experimentally so as to meet specific objectives?
  - 3. Are experimental techniques and methods of data analysis adequately and properly employed?
- C. Interpretation of Results (10 points): Are conclusions supported by experimental results, and interpreted so that they represent a test of the stated hypothesis or meet stated objectives?

II. Oral Presentation (50 points)

- A. Speaking Style (10 points): Was the student, through a projection of enthusiasm, speaking mannerisms, and overall style of delivery, able to attract and hold the attention of the audience?
- B. Organization (10 points):
  - 1. Was the presentation organized well scientifically?
  - 2. Was it organized for effective communication with the audience?
  - 3. Was the time used effectively?
- C. Visual Aids (20 points):
  - 1. Were slides well planned to convey the specific points intended by the speaker?
  - 2. Were they visible to the audience?
  - 3. Were they easily understood or followed?
- D. Response to Questions (10 points): Did the student respond to questions authoritatively and appropriately?

III. Degree of Student Involvement and Planning

In order for a student to be considered for an award, a letter from his sponsor or mentor must be on file acknowledging that the degree of student involvement in the project is equivalent to that expected of a graduate student in executing his/her thesis or dissertation research.

## REPORT OF THE RESOLUTIONS COMMITTEE, 19<sup>TH</sup> ANNUAL SWAP MEETING

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### 1986 SWAP RESOLUTIONS

Whereas, the 19<sup>th</sup> annual meeting of the Southwestern Association of Parasitologists opened with a re-enactment of the Biblical Flood, reminding us that Noah's Ark carried not only minimum breeding populations of all familiar animals, but also their parasites as well as the various required intermediate hosts, and

Whereas, that remarkable act of pre-sight guaranteed continuation of parasites as the most common form of life, and

Whereas, the University of Oklahoma Biological Station and its proprietors Loren and Linda Hill have provided us with not only the most idyllic, sylvan, and intellectually exhilarating evidence in the Universe to have a meeting, but also the only one with a fossil cephalopod door-stop, and

Whereas, the old timers have not only once again regaled the eager young turks sitting wide-eyed at their feet with endless tales of history, politics, success, failure, and universal timeless questions, but also shown how those same timeless questions can be answered whenever and wherever three or more parasitologists gather, and

Whereas, the eager young turks have not only blitzed the old timers with state of the art artistic powers, audio/visual technology, experimental design, graphics communication, and animal manipulation, but also given us views of the world ranging from those of the chemist to the zoogeographer, and

Whereas, all the student paper competitors were highly competitive, and

Whereas, not only the taxpayers of the beleaguered state of Oklahoma, the OK Regents for Higher Education, and various Presidents, Provosts, Vice Presidents, etc. etc. etc., but also local, dish washers, grounds keepers, food servers, etc. etc. etc., have contributed their time and talents to bringing together of this infamous society, and

Whereas, the mocking birds and crane flies sang their celebrations of this annual rite of spring, and

Whereas, the officers and committees, not only elected and constitutionally franchised, but also ad hoc have discharged their respective duties with an efficiency and dispatch heretofore unrealized since the origin of consciousness and the breakdown of the bicameral mind, and

Whereas, without respect to age, size, sex, color, religion, place of national origin, GPA, GRE, average student evaluation scores in their previous three courses, granting agency, or favorite baseball team, we have all once more made this personally allegorical journey through the back roads of Oklahoma, many of us in an all-enclosing, virtually uterine, University vehicles to the UOBS, and

Whereas, the social juices were just as great, and

Whereas, all persons both living and dead, here and throughout the Universe for all eternity, as determined by the laws and in the courts of the State of Oklahoma, who may merit recognition in this report but have been inadvertently omitted are hereby recognized,

Be it Resolved: that the 1986 meeting of the Southwestern Association of Parasitologists be declared a success!

Respectfully submitted  
John Janovy, Jr., Chairman

TWENTIETH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK                      2-4 April 1987

PROGRAM

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**Friday, 3 April 1987**

- P.L. Ford and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Coccidia from moles in the United States."
- S.M. Bandoni and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Are there any valid species of coccidia?"
- C.T. McAllister and S.J. Upton, North Texas State University, Denton, TX, and Kansas State University, Manhattan, KS, "Observations on coccidia (Apicomplexa: Eimeriidae) of selected amphibians and reptiles from Texas, with comments on four new species."
- V.A. Connors and B.B. Nickol, University of Nebraska, Lincoln, NE, "The cost of infection by the acanthocephalan *Plagiorhynchus cylindraceus* in the European starling (*Sternus vulgaris*)."
- K.A. Waldrup, J.S. Cray and G.G. Wagner, Texas A&M University, College Station, TX, and University College, Dublin, Ireland, "Comparisons of *Babesia odocoilei* and *Babesia divergens*."
- S.L. Gardner, The University of New Mexico, Albuquerque, NM, "Zoogeography of helminth parasites from rodents of the genus *Ctenomys* in Bolivia."
- J.S. Laird and A.A. Kocan, Oklahoma State University, Stillwater, OK, "Susceptibility of the lone star tick (*Amblyomma americanum*) to infection with *Theileria cervi* under natural and experimental conditions."
- S.W. Mukolwe and A.A. Kocan, Oklahoma State University, Stillwater, OK, "*Theileria cervi* in white-tailed deer (*Odocoileus virginianus*)."
- J.A. Ewald and B.B. Nickol, University of Nebraska, Lincoln, NE, "Factors contributing to the limitation of intensity of *Leptorhynchoides thecatus* in green sunfish (*Lepomis cyanellus*)."
- R.W. Stich, K.M. Kocan, S.J. Barron and J.A. Hair, Oklahoma State University, Stillwater, OK, "Morphology of colonies of *Anaplasma arginale* in adult, feeding *Dermacentor andersoni*."
- A.R. Wattam and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Cross-reactive antigens from *Schistosoma mansoni* cercariae and *Biomphalaria glabrata*: An immunoblot analysis."
- S.E. Wages and L.S. Roberts, Texas Tech University, Lubbock, TX, "*In vitro* effect of exogenous glucose on activities of glycogen synthase and phosphorylase from fasted *Hymenolepis diminuta*."
- M.R. Lopez, A.A. Rege, K.S. Zerda and M.H. Dresden, Universidad Nacional de San Marcos, Peru, and Baylor University Medical Center, Houston, TX, "Serodiagnostic potential of a cysteinyl proteinase from *Fasciola hepatica* adult worms."
- T.M. Price, C.L. Chappell and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Antibody reactivity of *Taenia* antigens in an experimental animal model."

- T.S. Dunn and T.P. Yoshino, University of Oklahoma, Norman, OK, "Origin and expression of tegumental surface antigens of *Schistosoma mansoni* primary sporocysts."
- J.P. Williams, J.R. Sauer and R. Essenberg, Oklahoma State University, Stillwater, OK, "Protein dephosphorylation in response to varying Ca<sup>2+</sup> conditions."
- C.L. Chappell, D.C. Kalter and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Hypersensitivity response of *Schistosoma mansoni*-infected mice to a proteinase isolated from the adult worm."
- W.F. Fisher, J.H. Pruett and C.C. Barrett, ARS, USDA, Kerrville, TX, "Development of serum antibodies to Hypodermin A and Hypodermin C in vaccinated and non-vaccinated cattle."
- A.S. Pirkle and A.J. Goven, North Texas State University, Denton, TX, "Phospholipase B activity as an indicator of eosinophil response in *Fasciola hepatica* infected mice."
- D.T. John, Oral Roberts University School of Medicine, Tulsa, OK, "Stages in the life cycle of *Naegleria fowleri*."
- D.W. Duszynski and A.R. Wattam, The University of New Mexico, Albuquerque, NM, "The coccidia of shrews, moles and shrew moles: Patterns of infection in ancient mammals."

#### **Saturday, 4 April 1987**

##### **Poster Presentations**

- E.N. Ahanotu, N.G. Srinivasan, P.A. Ahanotu and B.G. Harris, North Texas State University, Denton, TX, "*Ascaris suum* malic enzyme: Derivatization of the non-essential sulfhydryl group near the malate binding domain."
- P.A. Ahanotu, E.N. Ahanotu and B.G. Harris, North Texas State University, Denton, TX, "Proteolysis of phosphofructokinase from *Ascaris suum*."
- M.S. Pirkle and A.J. Goven, North Texas State University, Denton, TX, "Electron microscopic demonstration of Phospholipase B activity in eosinophils from mice infected with *Trichinella spiralis*."
- G. Kulkarni and B.G. Harris, North Texas State University, Denton, TX, "Phosphopeptide sequence from *Ascaris suum* phosphofructokinase."
- K.S. Shelby, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Endocrine control of tick salivary gland differentiation."
- N.C. Srinivasan, B.A. Wariso, G. Kulkarni, G.S.J. Rao and B.G. Harris, North Texas State University, Denton, TX, "Phosphorylation of phosphofructokinase from *Dirofilaria immitis* and *Onchocerca* spp."
- J.L. McSwain, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Mobilization of calcium during tick salivary gland function."
- T.R. Ruhnke, University of Nebraska, Lincoln, NE, "Gregarines (Apicomplexa) as ideal organisms for the study of certain correspondences between host and parasite life histories."

**MINUTES OF THE 20<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by L.F. Mayberry, SWAP Secretary-Treasurer**

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**MINUTES OF THE 20TH ANNUAL MEETING  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS**

The 20th Annual Meeting of SWAP was preceded by a tribute to Dr. and Mrs. J. Teague Self by John Janovy on behalf of the membership. Dr. Self was a charter member of SWAP and comments by John Janovy ranged from tributes to his teaching, to his unselfish devotion to students and to the impact both Dr. and Mrs. Self had on the lives of their students.

At 7:30 p.m., on 3 April 1987, the 20th Annual Meeting of SWAP was called to order by President Tim Yoshino in the library of the University of Oklahoma Biological Station.

Minutes of the 19th Annual Meeting were read by Secretary Lillian Mayberry and approved as read. This was followed by the Secretary's report to the membership. The Treasurer's report was presented by L. Mayberry reflecting a balance of \$1,602.65 in an interest bearing checking account, along with a share balance of \$103.51, in the University Credit Union, El Paso, Texas. A balance of \$810.98 was reported as present in the University of Oklahoma Foundation.

The Membership Committee report was presented by Secretary L. Mayberry indicating that prior to the meeting, SWAP had 132 active members. During the meeting, 23 non-member registrants paid dues for a total membership of 155. In addition, 95 of the 99 registrants were in attendance at the meeting.

The Auditing Committee report (E. Sam Loker and Carl Boswell) was presented by E. S. Loker who indicated the SWAP financial records had been inspected and were found to be in order.

The David A. Becker Memorial Award for an outstanding student paper presentation was made by Vice President A. Kocan to A.R. Wattam from the University of New Mexico for her presentation on "Cross-reactive antigens from *Schistosoma mansoni* cercariae and *Biomphalaria glabrata*: An immunoblot analysis" and to J. Scott Laird from Oklahoma State University for his presentation on "Susceptibility of the lone star tick (*Amblyomma americanum*) to infection with *Theileria cervi* under natural and experimental conditions."

The ASP Representative, Don Duszynski, presented a report on the actions of Council at the Annual Meeting held in Denver, Colorado, December, 1986. The report is on file with SWAP records.

The Teller's report was presented by Danny Pence, Nominating Committee Chairman. The officers for 1987-88 are:

President	- A. Alan Kocan
President-Elect	- John Janovy
Secretary Treasurer	- Lillian Mayberry
ASP Representative	- John Bristol

The Resolutions Committee report was presented by John Janovy whose 'whereas' covered everything from the scoured lavender of the Edwards Plateau, to the towering skyscrapers of oil mad Oklahoma metropoli, to declaring the 1987 meeting a success.

Old Business. None

New Business. The proposed amendments to the Constitution were discussed. It was moved, seconded and passed that we retain amendment 3 as it presently read! It was moved, seconded and passed that Article IV (Officers), Section 1, Section Section 5, Section 6 and Article V (Committees), Section 1 be amended as proposed, Secretary Mayberry indicated the amended constitution would be available at the 1988 annual meeting. The amendments, in general, included changing the office of Vice President to President Elect, elimination of student counterparts for officers and elimination of membership applications.

The next order of new business was the proposal of a Student Affairs Committee by President Yoshino. Scott Gardner spoke to the need for such a committee and presented subjects which the committee might consider such as sources of research funds, job opportunities and organizing student presentation judging. President Yoshino appointed an ad hoc committee for this year with Scott Gardner as chairman.

A third order of new business was the discussion of a letter requesting consideration of holding the annual SWAP meeting from Friday through Sunday rather than Thursday through Saturday. The membership's sentiment was to retain the present meeting schedule and for the Secretary to write the individual to explain the membership's sentiments.

The gavel was turned over to Vice President Kocan by President Yoshino.

Prior to adjournment of the meeting, President Kocan indicated that next year there would be a cash award for the best SWAP logo. President Kocan also indicated that a new tradition had been established and that a Certificate of Appreciation would be presented to the outgoing president each year. The Certificate of Appreciation for 1986-87 was given to immediate past president Yoshino and to all past presidents in the audience. Those not present will receive their certificate in the mail with a letter from the Secretary.

The meeting was adjourned by President Kocan at 8:25 p.m.

Respectfully submitted,

Lillian F. Mayberry  
Secretary-Treasurer

## SECRETARY'S REPORT AT THE 20<sup>TH</sup> ANNUAL SWAP MEETING

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### SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS SECRETARY'S REPORT TO THE MEMBERSHIP AT THE 1987 ANNUAL MEETING

At the 1986 annual meeting, the Executive Committee met and discussed revising the Constitution so that the Association's practices will be in accord with the written Constitution. The result was the suggested amendments which were mailed to the membership in late January in accordance with the Constitution which requires they be mailed a minimum of 60 days prior to the annual meeting. The Constitution was last revised in 1982.

There were two mailings associated with the 1987 annual meeting. This was necessitated by the early meeting date which required information for abstract submission be mailed prior to having information available on housing/food costs at the Biological Station.

A student award certificate was designed and duplicated during the year. Each student recipient will receive a certificate with their name in calligraphy and signed by the President presiding at the annual meeting at which the award was made. A copy is available for inspection at the end of the business meeting.

New stationery was printed using the previous design with different type. A sheet is available for inspection after the business meeting.

All SWAP records have now been computerized: financial record, mailing list, membership list, etc. On the membership listing, student members, check numbers and payment dates and offices held by members have been noted.

A notice was mailed last fall to 35 persons who had not paid dues for 1986-87. Twenty-three responded with payments.

A dues notice was sent to all members as well as five non-members who requested to be included in the mailing for a total of 134. Fifty-eight responded with dues payments prior to the annual meeting.

#### MEMBERSHIP COMMITTEE REPORT

Presently we have 132 active members. Ten of these have paid dues for 1985-86 only and will be dropped from the membership list after the annual meeting, if the dues remain unpaid. Three new members were added this year including one person from a Veterinary Faculty in Iran.

Respectfully submitted,

Lillian F. Mayberry  
Secretary-Treasurer

## PROPOSED AMENDMENTS TO THE SWAP CONSTITUTION

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### SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

The Executive Committee is proposing the following amendments to the Constitution of the Southwestern Association of Parasitologists. These will be discussed and voted on at the spring 1987 meeting. In accordance with Article IX of our Constitution, the proposed amendments are being sent to the membership at least 60 days prior to the annual meeting. Proposed amendments shall be adopted if approved with a show of hands by two-thirds of the voting members at the next annual meeting. Rationale for the changes are presented below.

#### Article IV (Officers). Section 1.

Presently reads: The officers of the Association shall be President, Vice-President, and Secretary-Treasurer.

Recommended amendment: The officers of the Association shall be, President, President-Elect, and Secretary-Treasurer.

Rationale: When an individual is elected to the office of Vice-President, he/she has automatically been nominated for President in the past. Since it has been very difficult for the Nominating Committee to find persons willing to run against the incumbent Vice-President, it is suggested that we elect a President-Elect who would then automatically serve as President.

#### Article IV (Officers). Section 2.

Presently reads: The term of office of the President and Vice-President shall be one year, beginning at the close of the annual meeting.

Recommended amendment: The term of office of the President and President-Elect shall be one (1) year beginning at the close of the annual meeting.

Rationale: To be consistent with terminology in Section 1, if the amendment is passed.

#### Article IV (Officers). Section 5.

Presently reads: Election of officers shall be by a simple majority of the members voting.

Recommended amendment: Election of the President-Elect and Secretary-Treasurer shall be by a simple majority of the members voting. The office of President shall be assumed by the President-Elect at the end of his/her term. In the case of death or resignation by the Presi-



dent-Elect, the newly elected President-Elect will assume the duties and serve out the terms of both offices.

Rationale: To be consistent with Section 1, if the amendment is passed.

#### Article IV (Officers). Section 6.

Presently reads: Each of the officers of the Association shall appoint a counterpart from the student membership for a one-year term whose duties are to assist his (or her) supervising officer in his (or her) duties.

Recommended amendment: There will be no officer counterparts appointed from the student membership.

Rationale: This has not been in practice for years (if it ever was) and is, in fact, impractical.

#### Article V (Committees). Section 1.

Presently reads: There shall be an Executive Committee of the Association composed of current officers and the student member counterparts and the President last retired. This committee shall pass on membership applications and shall be responsible for Association policy and for authorizing expenditure of Association funds by the Secretary-Treasurer.

Recommended amendment: There shall be an Executive Committee of the Association composed of current officers and the President last retired.

Rationale: We are proposing to eliminate the student counterparts of officers. We have not utilized membership applications for several years. Since, according to the Constitution all interested persons are welcome to join, unless they advocate the overthrow of the Constitution of the United States of America (Article IV), it is not necessary to use application forms. Also, it has been routinely accepted that the Secretary-Treasurer expend funds using his/her good judgment when necessary and he/she does not routinely consult the Executive Committee for approval.

#### Article V. Section 2.

Presently reads: The Vice-President shall be Chairman of the Program Committee, which shall consist of three (3) members. The two (2) members to serve with the Vice-President shall be appointed by him soon after he takes office and should come from the regional area responsible for the next meeting. One of the members from the local area shall serve as Chairman of the Subcommittee on local arrangements and shall appoint members of the Subcommittee. The Program Committee shall be responsible for local arrangements and the scientific sessions of the annual meeting.

Recommended amendment: The President-Elect shall serve as Program Chairman and appoint a committee as he/she deems necessary. The Program Chairman (and committee) shall be responsible for arrangements and scientific sessions at the annual meeting.

Rationale: The Vice-President (President-Elect) does not usually appoint a formal committee with one member from the local area since SWAP now meets annually at Lake Texoma.

#### Amendment 2.

Presently reads: Article IV, Section 1 shall be amended to read: "The officers of the Association shall be President, Vice-President, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists (hereinafter referred to as ASP Representative)."

Recommended amendment: Amendment 2 shall be amended to read: "The officers of the Association shall be President, President-Elect, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists (hereinafter referred to as ASP Representative)."

#### Amendment 3.

Presently reads: Article IV, Section 3a shall be added as follows: "The term of the ASP Representative shall be one (1) year at the close of the annual meeting. The ASP Representative may be re-elected to a maximum of two additional terms of one (1) year each."

Recommended amendment: Amendment 3 shall be amended as follows: "The term of the ASP Representative shall be one (1) year, beginning at the close of the annual meeting."

Rationale: The three consecutive year maximum for serving in this office has not been consistently adhered to in the past. This indicates the membership does not support the original amendment. Amendment 3 should either be amended or, if left unchanged, followed more strictly in the future.

## REPORT OF THE RESOLUTIONS COMMITTEE, 20<sup>TH</sup> ANNUAL SWAP MEETING

---

### 1987 SWAP RESOLUTIONS

Whereas, from the scoured lavender of the Edwards Plateau, to the chameleonic Sangre de Cristo mountains, to the towering skyscrapers of oil mad Oklahoma metropoli, to the blizzard clawed northern plains, the parasitologists have once again made their pilgrimage to the aspen urns of Burecovile Creek on the humble reddish northern shore of Lake Texoma, and

Whereas, like any population of parasites worthy of the name, this population of parasitologists is over-dispersed and highly aggregated, with the majority of the potential being distributed among those with the minority of years, and

Whereas, the cultural transmission metaphor comes to life as mimes wing their piercing ways into, out of, and sometimes like neutrinos through, the minds of these pilgrims, and

Whereas, the sun has agreed to shine, having apologized somewhat for last year, and

Whereas, a lone sandhill crane with its folded clarion trumpet called the meeting to order, and

Whereas, Loren and Linda have for one more in a long progression of years shown that no Washington, Paris, or Los Angeles host or hostess really has the mostest, because that precious commodity is concentrated mainly a couple of miles down the road off the Madill highway, and

Whereas, a proud and confident parade of student paper contestants hammered their points home to the echos of woodpeckers doing the same in the nearby wilderness, and

Whereas, the officers of the Society have discharged their awesome responsibilities with the elegance attained only by long exposure to the checkered history of humanity's struggle to direct its own fortunes, and

Whereas, the committees of the association have confirmed that five is the maximum number of humans that can work together, the *ad hoc* committees properly hocking adding, the standing committees eagerly standing, and

Whereas, any person, organization, unorganized group of persons, state agency, federal bureaucracy or world council living or dead that may have had anything at all to do with these meetings is by act of SWAP officially thanked, flattered to embarrassment, and made to feel hyper important,

Be it Resolved: that the 1987 meeting of the Southwestern Association of Parasitologists be declared a success!

Respectfully submitted,  
John Janovy, Jr., Chairman

TWENTY-FIRST MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      14-16 April 1988

PROGRAM

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**Friday, 15 April 1988**

- \* A.E. Crews and T.P. Yoshino, University of Oklahoma, Norman, OK, "Parasitic castration in *Schistosoma mansoni*-infected *Biomphalaria glabrata*."
- \* M.J. Lodes and T.P. Yoshino, University of Oklahoma, Norman, OK, "The effect of schistosome excretory–secretory products on *Biomphalaria glabrata* hemocyte motility."
- \* D.F. Cimino and E.S. Loker, The University of New Mexico, Albuquerque, NM, "An autoradiographic analysis of secretory–excretory products of sporocysts and rediae of *Echinostoma paraensei*."
- \* Y.-Z. Xu and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Localization of leucine aminopeptidase during hatching of *Schistosoma mansoni* eggs."
- \* G.W. Gearner and W.M. Kemp, Texas A&M University, College Station, TX, "Eluted host antigens of *Schistosoma mansoni* adult worms."
- \* L. Couch and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Observations on a trematode-induced agglutinin molecule from *Biomphalaria glabrata* plasma."
- \* N. G. Haghghat and L. Ruben, Southern Methodist University, Dallas, TX, "Identification and purification of calcemedins from *Trypanosoma brucei*."
- \* N.G. Haghghat and L. Ruben, Southern Methodist University, Dallas, TX, "Identification and purification of calmodulin-binding proteins in *Trypanosoma brucei*."
- \* F. Mottalei, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Digestion of antibody opsonized *Eimeria nieschulzi* by rat macrophages."
- \* M.E. Tilley and S.J. Upton, Kansas State University, Manhattan, KS, "Analysis of the antigens of *Cryptosporidium parvum* using PAGE and lectin binding."
- \* R.L. Cook and L.S. Roberts, Texas Tech University, Lubbock, TX, "*In vivo* effects of putative crowding factors on development of the rat tapeworm, *Hymenolepis diminuta*."
- \* J. Richer, J.R. Bristol, L.F. Mayberry and J.T. Ellzey, University of Texas, El Paso, TX, "Comparative ultrastructure and pathology induced in rat host cells by *Eimeria* spp."
- \* R.W. Stich, K.M. Kocan, G.H. Palmer, S.A. Ewing, J.A. Hair and S.J. Barron, Oklahoma State University, Stillwater, OK, "Transstadial and attempted transovarial transmission of *Anaplasma marginale* Theiler by *Dermacentor variabilis* (Say)."
- \* S.M. Bandoni, M. Mulvey, D.K. Koech and E.S. Loker, The University of New Mexico, Albuquerque, NM, Savannah River Ecological Laboratory, Savannah, GA, and Kenya Medical Research Institute, Nairobi, Kenya, "Electrophoretic and morphological variation in Kenyan populations of *Biomphalaria pfeifferi* (Krouse, 1848) Dunker, 1848 and *Biomphalaria sudanica* (Martins, 1870) Pfeiffer, 1870–76."

- \* T.R. Ruhnke, University of Nebraska, Lincoln, NE, “The comparative ecology of two species of *Gregarina* (Apicomplexa) in *Tenebrio molitor* larvae: Niche structure and patterns of aggregation.”
- \* C.R. Lambert, S.L. Gardner and D.W. Duszynski, The University New Mexico, Albuquerque, NM, “Coccidia from the fossorial rodent *Ctenomys opimus* Wagner (Ctenomyidae) from Bolivia, South America.”
- \* C.T. McAllister, S.J. Upton, P.S. Freed and S.M. Barnard, North Texas State University, Denton, TX, Kansas State University, Manhattan, KS, Houston Zoological Gardens, Houston, TX, and Zoo Atlanta, Atlanta, GA, “Cryptosporidiosis in wild and captive reptiles.”
- \* D.D. Waid and D.B. Pence, Texas Tech University, Lubbock, TX, “Helminths of mountain lions (*Felis concolor*) from southwestern Texas.”
- \* B.V. Hofkin, D.K. Koech and E.S. Loker, University New Mexico, Albuquerque, NM, and Kenya Medical Research Institute, Nairobi, Kenya, “Distributional patterns of freshwater snails and associated trematodes in Kenya.”
- \* J.L. Campbell and S.L. Gardner, The University of New Mexico, Albuquerque, NM, “Helminth parasites of Bolivian marsupials: Distribution and ecology.”
- \* Student Paper Competition

### Poster Presentations

- O. Gayton, I. Escudero, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, “Transfer of an *Eimeria nieschulzi* infection using liver and spleen tissue.”
- M. Ramirez, G. Sambrano, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, “Effect of *Rattus norvegicus* eimerians on nematode-induced peripheral/femoral eosinophilia.”
- P.A. Ahanotu, E.N. Ahanotu, N.G. Srinivasan and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, “Trypsin modification of ascarid phosphofructokinase.”
- G.S.J. Rao and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, “Aspartate aminotransferase from *Ascaris suum*.”
- E.N. Ahanotu, G.S.J. Rao, P.A. Ahanotu, N.G. Srinivasan, K.U. Yuksel and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, “*Ascaris suum* malic enzyme: Sequence of a peptide from the n-ethyl-maleimide derivatized enzyme.”
- N.G. Srinivasan, G.S.J. Rao and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, “The effect of fructose 2,6-biphosphate on the kinetic and regulatory properties of the phosphorylated and non-phosphorylated forms of phosphofructokinase from *Dirofilaria immitis*.”
- J.L. McSwain, R.C. Essenberg, C.W. Roddy and J.R. Sauer, Oklahoma State University, Stillwater, OK, “Brain factor induced formation of inositol phosphates in tick salivary glands.”

- K.S. Shelby, J.A. Bantle and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Effects of methoprene and 20-hydroxyecdysone on salivary gland differentiation of lone star tick."
- W.F. Fisher and J.H. Pruett, ARS, USDA, Kerrville, TX, "Development of a quantitative ELISA for the measurement of bovine anti-hypodermin A antibodies."
- J.H. Pruett, C.C. Barrett and K.B. Temeyer, ARS, USDA, Kerrville, TX, "Colostrum transfer of antibodies specific for *Hypoderma lineatum* proteins."
- K.B. Temeyer and J.H. Pruett, ARS, USDA, Kerrville, TX, "Isolation of messenger RNA from first instar larvae of the common cattle grub, *Hypoderma lineatum*."
- L. Ruben and N.G. Haghghat, Southern Methodist University, Dallas, TX, "Characterization of a novel 22 kd calcium binding protein from *Trypanosoma brucei*."
- J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Theoretical studies in parasite population and 'community' ecology."

**Friday Evening:** Panel Discussion: "The Teaching of Parasitology." Panel members: B.B. Nickol, W.M. Kemp, D.W. Duszynski, and J.R. Bristol.

### **Saturday, 16 April 1988**

- S. Monine, University of Nebraska, Lincoln, NE, "A study of the relationship between selected parameters commonly used to describe the distribution of parasite populations."
- S.J. Upton and M.E. Tilley, Kansas State University, Manhattan, KS, "Evaluation of the candle jar method for studies on the growth *Eimeria nieschulzi* *in vitro*."
- C. Chappell, K. Zerda and M. Dresden, Baylor University Medical Center, Houston, TX, "Expression and role of cysteine proteinases in developing schistosomula."
- G.A. Stryker, C.A. Dominguez, D.K. Koech and E.S. Loker, The University of New Mexico, Albuquerque, NM and Kenya Medical Research Institute, Nairobi, Kenya, "Consumption of eggs and juveniles of *Biomphalaria* by African ampullariid snails and by *Thiara granifera*: A laboratory study."
- S. Noda and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Effects of infection with *Echinostoma paraensei* on morphology phagocytic activity of hemocytes of M line *Biomphalaria glabrata*."
- D.T. John, Oral Roberts University School of Medicine, Tulsa, OK, "Resistance of mice to intranasal infection with *Naegleria fowleri*."
- D.E. Feely and M.D. Gardner, University of Nebraska, Lincoln, NE, "Excystation of *Giardia muris* induced by bicarbonate."
- M. Guerra and A.G. Canaris, University of Texas, El Paso, TX, "Helminth parasites of plovers from Zimbabwe, Southeast Africa."
- G. Stewart, J. Hiederhorn, S. Ghazizadeh, E. Mayhew, J. Ross and B. Fischer, University of Texas, Arlington, and University of Texas Southwestern Medical Center, Dallas, TX, "*Trichinella pseudospiralis* larvae express NK cell antigen and stimulate pulmonary NK cell activity."

M.R. Kasschau and D.L. Gentry, University of Houston–Clear Lake, Houston, TX, “pH influences rate of hemolysis by a lytic agent from *Schistosoma mansoni*.”

**MINUTES OF THE 21<sup>ST</sup> ANNUAL SWAP MEETING**  
**Submitted by L.F. Mayberry, Secretary-Treasurer**

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Minutes of the 21st Annual Meeting  
Southwestern Association of Parasitologists

The 21st Annual Meeting of SWAP was called to order by President Al Kocan at 8:35 p.m., April 15, 1988, in the library of the University of Oklahoma Biological Station.

Minutes of the 20th Annual Meeting were presented by Secretary-Treasurer Lil Mayberry, and approved unanimously by the membership.

The Membership Committee report was presented by Secretary-Treasurer Mayberry indicating that prior to the meeting, SWAP had 150 active members. Twenty-one will be dropped from the membership list after the annual meeting if dues remain unpaid. Twenty-six new members were added to the roster either at the 1987 annual meeting or during the year.

Secretary-Treasurer Mayberry reported that, as of 6 April, 1988, there was a balance of \$1,932.72 in an interest-bearing checking account, along with a share balance of \$108.96 in the University Credit Union, El Paso, Texas. A balance of \$852.60 was reported as present in the University of Oklahoma Foundation.

The Auditing Committee (Danny Pence and Brent Nickol) report was presented by Danny Pence, who indicated the SWAP financial records had been inspected and were found to be in order.

The David A. Becker Memorial Award for an outstanding student paper presentation was made by President Kocan to Ron Cook from Texas Tech University for his presentation on "In vivo effects of putative crowding factors on development of the rat tapeworm, Hymenolepis diminuta."

The ASP Representative, Jack Bristol, presented a report on the actions of Council at the Annual Meeting held in Lincoln, Nebraska, August 2-6, 1987. The report is on file with SWAP records.

The Teller's report was presented by David John, Nominating Committee Chairman. The officers for 1988-89 are:

President - John Janovy, Jr.  
President Elect - Marc Dresden  
Secretary-Treasurer - Lillian Mayberry  
ASP Representative - Jack Bristol

The Resolutions Committee report was presented by John Janovy whose whereas' encompassed everything from the great animal migrations, to Oklahoma weather, to declaring the 1988 meeting a success.

OLD BUSINESS

President Kocan indicated that the revised Constitution was available for members. It was amended in accordance with the membership's vote at the 1987 meeting.



Don Duszynski reported on the ad hoc Student Affairs Committee in the absence of Scott Gardner, Chairman. The Committee recommended that an unbiased five-member committee, composed of students and post-docs not giving papers, evaluate student presentations. A discussion followed after which a motion was made, seconded and passed unanimously, to retain our present system of judging student presentations.

Don Duszynski recommended that SWAP formulate a resolution, to be presented to ASP council by Jack Bristol in 1988, that money be made available for student members in the form of research grants in order to encourage student involvement in ASP. A motion was passed to instruct our ASP Representative, Jack Bristol, to reintroduce the concept of grants-in-aid of research for student members at the 1988 council meeting.

It was decided that there is a need for the continuance of the ad hoc Student Affairs Committee. The committee will stand and President Elect Janovy will appoint a new chairperson.

President Kocan announced that Gil Sambrano from U.T. El Paso was the winner of the logo competition. A discussion was held regarding the selling of t-shirts with the logo. It was suggested that the students may want to raise money by assuming this responsibility.

#### NEW BUSINESS

Don Duszynski, Program Officer for ASP, reported on the 1988 annual meeting. He expressed concern that the number of papers was low compared to the 1987 meetings and that this may reflect a general lack of interest in parasitology. An overview of the program was presented.

The gavel was turned over to President Elect Janovy by President Kocan. John Janovy thanked the students who chaired sessions and presented a Certificate of Appreciation to immediate past president Kocan.

The meeting was adjourned by President Janovy at 9:35 p.m.

Respectfully Submitted,

Lillian F. Mayberry  
Secretary-Treasurer

**AMENDED SWAP CONSTITUTION,  
Approved by Membership at 1987 Annual SWAP Meeting**

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CONSTITUTION  
of the  
SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS

ARTICLE I  
(Name)

The name of this organization shall be the Southwestern Association of Parasitologists, hereinafter referred to as the Association.

ARTICLE II  
(Objectives)

The objectives of the Association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, to provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.

ARTICLE III  
(Membership)

The Association shall be open to all interested persons, regardless of place of employment, residence, or affiliation in other recognized societies, so long as the individuals' employment or affiliation do not advocate overthrow of the Constitution of the United States of America.

1. There shall be student members, i.e., individuals who have not earned a doctorate degree and are enrolled as full-time students in a recognized educational institution.
2. There shall be full members, i.e., individuals who have terminated their studies and those who do not fall into the student member category.

ARTICLE IV  
(Officers)

1. The officers of the Association shall be President, President-Elect, Secretary-Treasurer, and Representative to the Council of the American Society of Parasitologists (hereinafter referred to as "ASP Representative").
2. The term of office of the President and President-Elect shall be one (1) year, beginning at the close of the annual meeting.
3.
  - a. The term of office of the Secretary-Treasurer shall be three years, beginning at the close of the annual meeting.
  - b. The term of the ASP Representative shall be one (1) year, beginning at the close of the annual meeting. The ASP Repre-

sentative may be reelected to a maximum of two additional terms of one (1) year each.

4. The duties of the officers shall be such as usually pertain to the offices held and also duties that may be prescribed by the Constitution.
5. Election of the President-Elect and Secretary-Treasurer shall be by a simple majority of the members voting. The office of President shall be assumed by the President-Elect at the end of his/her term. In the case of death or resignation by the President-Elect, the newly elected President-Elect will assume the duties and serve out the terms of both offices.

#### ARTICLE V (Committees)

1. There shall be an Executive Committee of the Association composed of current officers and the President last retired.
2. The President-Elect shall serve as Program Chairman and appoint a committee as he/she deems necessary. The Program Chairman (and committee) shall be responsible for arrangements and scientific sessions at the annual meeting.
3. The President shall appoint a Nominating Committee of three (3) members to nominate a candidate or candidates for each office to be filled at the next election. The Chairman of this Committee shall submit a list of nominees to the Secretary-Treasurer at least six (6) weeks prior to the date of the next annual meeting.
4. The President shall appoint any ad hoc committees which he/she or the Executive Committee deem necessary and representatives to scientific organizations other than the American Society of Parasitologists.

#### ARTICLE VI (Meetings)

1. An annual meeting shall be held in the spring of each year to provide for exchange of information pertinent to research and teaching of parasitology.
2. The annual business meeting of the Association shall be held in conjunction with the annual meeting.
3. The place of the annual meeting shall be determined by the Chairman of the Program Committee with the approval of the Executive Committee.

#### ARTICLE VII (Dues)

1. The annual membership dues for full members shall be four dollars (\$4.00) and for student members shall be two dollars (\$2.00), payable at the time of application for membership and thereafter at the time of the annual meeting.
2. Members whose dues records are delinquent for the previous two (2) years at the close of the annual meeting will be considered to

have resigned from the Association and will be dropped from the mailing list. Reinstatement will require the payment of current dues and the delinquent dues of the previous year.

3. Changes in dues shall be made by the Executive Committee, subject to approval of the membership.

ARTICLE VIII  
(Quorum)

A quorum for the transaction of business of the Association shall be those members present at the annual meeting.

ARTICLE IX  
(Amendments)

Any proposed amendment shall be sent to the membership at least sixty (60) days prior to the annual meeting. Proposed amendments shall be adopted if approved by two-thirds (2/3) of the members voting by mail ballot or by show of hands at the next annual meeting.

ARTICLE X  
(Rule of Order)

Robert's Rules of Order - Newly Revised shall govern deliberations in all cases where they are applicable and are not inconsistent with this instrument or special rules of the Association.

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REPORT OF THE RESOLUTIONS COMMITTEE, 21<sup>ST</sup> ANNUAL SWAP MEETING

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1988 SWAP RESOLUTIONS

Whereas, we have as of this evening come to either the beginning or the end of the year of the scissortail on, not the Roman Calendar, or the Aztec Calendar, or the Celestial Calendar, or the Druid Calendar, or the Seasonal Calendar, but that calendar by which the intellectual elite measure their lives—that is the SWAP Calendar, counting only two temporal subdivisions, the first being 3 days in mid-April, the second being all other days, and

Whereas, of all the great animal migrations—that of the whooping crane, the sandhill crane, the long billed dowitcher, the least tern, the caribou or the wildebeest, none matches for sheer drama a single-mindedness of that of parasitologists to the North Shore of Lake Texoma, and

Whereas, Dr. Loren Hill, cormorant-showing proprietor of the intellectual sanctuary, to which these hordes of 2 x 2 toting, paper practicing, poster preparing, worm apprehending, gill pulling outlaws turn their junked out university vehicles, has kept for another dozen moons his place at the metapinnacle of Biology Field Station Directors and has, with his wife Linda, and his third generation ranch boss, Richard Page, once again validated the only intelligent decision ever made by a group of humans, namely SWAP's decision to meet at UOBS, and

Whereas, Oklahoma weather has at last been controlled, making it possible to guarantee forever and ever days such as these, even if SWAP should decide to meet on a football Saturday, and

Whereas, the students, including if not especially the competitors, have shown us that a young mind's pursuit of answers to original questions is the most noble, most rewarding, most frustrating, most exhilarating, and most reminiscent of their own major professors' early naivete, of any human endeavor and,

Whereas, contrary to popular belief, old parasitologists do not age gracefully but instead come to serve, in their finest hours, as truck drivers to haul said young lions to Willis, Oklahoma, for three days each year lending truth to Hoyt Axton's claim that Oklahoma is the cultural Center of the Universe, and

Whereas, every mocking bird in Marshall County has learned new songs to entertain us each day, and

Whereas, the elected officers and appointed committees, both outstanding and *ad hoc*, have managed to do their business with a level of quality somewhere in between that of Edwin Meese and Pope Paul, thus we have a meeting, and

Whereas, Lil Mayberry has set an historical precedent by becoming Secretary-Treasurer of both SWAP and ASP, a feat to be remembered by all who hear these words, and

Whereas, The ideas have flown, like  
Purple martins cheering, gulping,  
twisting, turning, early morn to  
Morn upon the spacious lawns  
Where ant lions rest, museum  
Pieces, and crane flies hide  
Among the hedges, noticed,  
Appreciated, marveled at, by  
Those who know their value  
And will not soon forget  
Tho SWAP-days' end, and  
Off we go to dirty fights with dirty  
Labs with only memories of all  
That was this week, and

Whereas, within the hour I will be President of this Organization and  
hereby publicly declare an act of corruption, betrayal of the  
voting majority's trust which U.S. Grant and Herbert Hoover would  
be proud of my intent to appoint someone else to write these  
damned resolutions, therefore

Be it Resolved: that the 1988 meeting of SWAP be declared an official  
success.

Respectfully submitted  
John Janovy, Jr., Chairman

TWENTY-SECOND MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      13-15 April 1989

PROGRAM

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**Friday, 14 April 1989**

- \* C.W. Roddy, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "The role of inositol 1,4,5-trisphosphate in mobilizing calcium from intracellular stores in the salivary glands of *Amblyomma americanum* (L.)."
- \* S.E. Marley, Oklahoma State University, Stillwater, OK, "EMS: A novel and modernistic approach to record and identify the feeding processes of Ixodid ticks on bovine hosts."
- \* M.A. McDowell, M.T. Ferdig and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Fish parasite assemblage dynamics are consistent with those predicted by a null model."
- \* M.T. Ferdig, M.A. McDowell and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Variations in morphology and ecological niche in a monogenean parasitizing disjunct populations of a host fish species."
- \* L. Couch, L.A. Hertel and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Hemolymph agglutinin production in *Biomphalaria glabrata* in response to trematode infection."
- \* S. Monks and B.B. Nickol, University of Nebraska, Lincoln, NE, "The effect of parasite density within the intermediate host population on the distribution of *Moniliformis moniliformis* within the definitive host population (*Rattus norvegicus*)."
- \* Z.B. Mackey and T.J. Percival, University of Nebraska, Lincoln, NE, "A study in the density-dependent survivorship of *Leptorhynchoides thecatus* in *Micropterus salmoides*."
- \* C.C. Leadabrand, University of Nebraska, Lincoln, NE, "*Acanthatrium oligacanthum* Cheng, 1957 (Digenea: Lecithodendriidae) and a new subspecies, *Acanthatrium oligacanthum brachyacanthum*, from *Eptesicus fuscus bernardinus* Rhoads in Oregon."
- \* R.R. Kennedy, G.L. Stewart and E. Larson, University of Texas, Arlington, TX, "Alterations in the biology of *Trichinella pseudospiralis* associated with method of isolation of infective L1 larvae."
- R. Xu, W. Wang and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Proteolytic enzymes from dog heartworms."
- \* A.A. Radomski and D.B. Pence, Texas Tech University, Lubbock, TX, "Density-dependent mortality from hookworm disease in coyote neonates."
- \* Student Paper Competition

### Poster Presentations

- M.H. Pritchard and R.R. Mitschler, University of Nebraska, Lincoln, NE, and Kansas State University, Manhattan, KS, "The first parasitology collections management program: A working model."
- D.T. John and R.A. John, Oral Roberts University School of Medicine, Tulsa, OK, "*Naegleria gruberi* cytopathogenicity for mammalian cell cultures."
- G.R. Sambrano, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Effect of *Eimeria nieschulzi* on nematode-induced IgE antibody response."
- M.T. Ramirez, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Interleukin-2 activity in rats infected with *Eimeria* (protozoa) and/or *Nippostrongylus brasiliensis* (nematode)."
- M.D. Guerra, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Effect of histamine and antihistamine on parasite fecundity and self-cure during infection with *Eimeria* and/or *Nippostrongylus*."
- N.G. Srinivasan, G.L. Stewart, E.J. Ahanotu and B.G. Harris, Texas College of Osteopathic Medicine, and University of North Texas, Ft. Worth, and University of Texas, Arlington, TX, "Studies of phosphofructokinase from *Toxocara canis*."
- G.S.J. Rao, and B.G. Harris, Texas College of Osteopathic Medicine, and University of North Texas, Ft. Worth, TX, "Chemical modification of *Ascaris suum* phosphofructokinase with 2',3'-dialdehyde ATP."
- S.C. Hsu, A.J. Goven and G.L. Stewart, University of North Texas, Ft. Worth, and University of Texas, Arlington, TX, "Eosinophil response in mice infected with *Trichinella spiralis* or *Trichinella pseudospiralis* as measured by lysophospholipase activity."
- G.C. Dixon, G.L. Stewart, R.B. Boley and A. Khan, University of Texas, Arlington, and Wadley Institutes of Molecular Medicine, Dallas, TX, "Alteration of host macrophage function by *Trichinella*."

**Friday Evening:** Panel Discussion: "Parasitology: Grantsmanship in the '90s." Panel members: B.L. Daughy, B.G. Harris and W.M. Kemp.

### Saturday, 15 April 1989

- J.S. Afolabi, Obafemia Awolowo University, Ile-Ife, Nigeria, "Preliminary report on the incidence of mermithid (nematoda) infections in mosquitoes in the Ile-Ife area of Oyo State, Nigeria."
- S.J. Upton and E.C. Peters, Kansas State University, Manhattan, KS, and Smithsonian Institution, Washington, DC, "Biology of *Gemmocystis cylindrus* (Apicomplexa) infecting Caribbean scleractinian corals."
- M. Tilley and S.J. Upton, Kansas State University, Manhattan, KS, "Analysis of *Cryptosporidium parvum* using SDS PAGE, <sup>125</sup>I surface labeling, and lectin binding."
- R.D. Klann and L. Ruben, Southern Methodist University, Dallas, TX, "Evidence that African trypanosomes possess a receptor for transferrin."



A.A. Rege, S. Campbell, O. Guicherit and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Cloning and sequencing of a cysteine proteinase cDNA from adult *Schistosoma mansoni*."

S. Vega, M. Dresden, A. Rege and J. Espinoza, Baylor University Medical Center, Houston, TX, "Proteolytic enzymes of *Fasciola hepatica*."

**MINUTES OF THE 22<sup>ND</sup> ANNUAL SWAP MEETING,  
Submitted by L.F. Mayberry, Secretary-Treasurer**

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**Minutes of the 22nd Annual Meeting  
Southwestern Association of Parasitologists**

The 22nd Annual Meeting of SWAP was called to order by President John Janovy at 8:30 p.m., April 14, 1989, in the library of the University of Oklahoma Biological Station.

Minutes of the 21st Annual Meeting were presented by Secretary-Treasurer Lil Mayberry, and approved unanimously by the membership.

The Membership Committee report was presented by Secretary-Treasurer Mayberry indicating that prior to the meeting, SWAP had 148 active members. Twelve will be dropped from the membership list after the annual meeting, if dues remain unpaid. Three members were dropped because they moved and left no forwarding address. Seventeen new members were added to the roster either at the 1988 annual meeting or during the year.

Secretary-Treasurer Mayberry reported that as of 31 March, 1989 there was a balance of \$1,257.26 in an interest bearing checking account, along with a share balance of \$114.93 in the University Credit Union, El Paso, Texas. A balance of \$852.60 was reported as present in the University of Oklahoma Foundation.

The Auditing Committee (Jim Leveson and Andy Radomski) report was presented by Jim Leveson, who indicated the SWAP financial records had been inspected and were found to be in order.

The David A. Becker Memorial Award for an outstanding student paper presentation was made by President Janovy to C.C. Leadabrand for her presentation "Acanthatrium oligacanthum Cheng, 1957 (Digenea: Lecithodendriidae) and a new subspecies, Acanthatrium oligacanthum brachyacanthum, from Eptesicus fuscus bernardinus Rhoads in Oregon."

The ASP Representative, Jack Bristol, presented a report on the actions of Council at the Annual Meeting held in Winson-Salem, NC, August 1-5, 1988. The report is on file with SWAP records. Additional comments were contributed by Don Duszynski, Program Officer for ASP, regarding the 1989 meeting in Vancouver, British Columbia.

The Teller's report was presented in an entertaining manner by Ben Harris, Nominating Committee Chairman. The officers for 1989-90 are:

President - Marc Dresden  
President Elect - Lillian Mayberry  
Secretary-Treasurer - David John  
ASP Representative - Jack Bristol

The Resolutions Committee report was presented by John Janovy whose whereas' encompassed everything from fresh new faces, to the disgruntled armadillo, to the cheap dues of SWAP!

## OLD BUSINESS

President Janovy indicated that the ad hoc Student Affairs Committee had been resurrected and called on Lee Couch from the University of New Mexico to present a review of student affairs and concerns. Lee indicated a major concern is recruitment of students to be involved in activities of the American Society of Parasitologists. Lee also indicated students would like to be evaluated on individual sheets, with a comments section, that could be returned to them at the end of the day with constructive criticism. An additional item that students will need to concern themselves with is the disposition of revenue generated from T-shirt sales.

## NEW BUSINESS

Mike Kemp, President of the American Society of Parasitologists, reported to SWAP members on Society activities. Some activities are the following: Mike travels to the affiliate societies to speak and emphasizes increasing student participation; creation of a policy statement on evolution' vs. creation; preparation of a statement on animal welfare/animal use for research; joining with ASTMH to lobby for more funds to be dedicated to parasitology research; formation of a Federation of Parasitologists; and, development of computer programs for use in teaching parasitology.

President Janovy noted that the call for papers was innovative this year and called upon Don Duszynski, ASP Program Officer, to discuss the concept of the auction and efforts to promote student participation in the meeting.

A discussion of who should vote for the Dave Becker Student Award was held at the request of President-Elect Marc Dresden. It was decided to continue to have only the students vote.

Secretary-Treasurer Mayberry presented a certificate of appreciation to President Janovy on behalf of the membership after which Dr. Cynthia Chappell accepted the gavel on behalf of President-Elect Marc Dresden.

The meeting was adjourned by President Kemp at approximately 9:45 p.m.

Respectfully submitted,  
Lillian F. Mayberry  
Secretary-Treasurer

**SWAP FINANCIAL REPORT, 1988-89, PRESENTED AT 22<sup>ND</sup> ANNUAL MEETING**

**SWAP FINANCIAL REPORT 1988-89**

University Credit Union, 2208 N. Oregon, El Paso, TX 79902

CHECKING ACCOUNT #4066

ITEM	DATE	CK #	CHECK AMOUNT	DEPOSIT AMOUNT	BALANCE
Balance Forward (from 87-88)	04/06/88			1,932.72	1,932.72
Loren Hill (Food, 88 meeting)	04/15/88	535	260.97		1,671.75
Ron L. Cook (D.B. Student Award)	04/15/88	536	50.00		1,621.75
Gilbert Sambrano (Logo Competition Winner)	04/15/88	537	50.00		1,571.75
DEPOSIT (Dues)	04/18/88			142.00	1,713.75
Dividend	04/01/88			26.35	1,740.10
DEPOSIT (Dues & Beer Refund)	05/03/88			39.03	1,779.13
Diana Guerrero (Calligraphy D.B. Award)	05/10/88	538	3.00		1,776.13
Dividend	07/18/88			24.45	1,800.58
DEPOSIT (Dues)	09/02/88			6.00	1,806.58
PIP (Stationery)	09/19/88	539	40.39		1,766.19
Dividend	10/01/88			23.80	1,789.99
DEPOSIT (Dues)	10/17/88			44.00	1,833.99
DEPOSIT (Dues)	11/06/88			43.00	1,876.99
UTEP (Envelopes)	12/12/88	540	10.90		1,866.09
PIP (Printing)	12/14/88	541	117.50		1,748.59
ASP (Postage - Call for Papers)	12/23/88	543	68.92		1,679.67
Dividend	01/01/89			24.25	1,703.92
DEPOSIT (Dues)	01/19/89			96.00	1,799.92
Service Charge (Bounced Checks)	02/14/89			(29.00)	1,770.92
Walking Billboards (T-Shirts)	02/16/89	544	173.61		1,597.31
Walking Billboards (T-Shirts)	03/01/89	545	195.25		1,402.06
DEPOSIT (Dues)	03/02/89			80.00	1,482.06
J. Gallagher (Reimb: Postage to D. John)	03/27/89	547	41.60		1,440.46
Check	03/31/89	548	235.2		1,205.26
DEPOSIT (Dues)	03/31/89			52.00	1,257.26

SHARE BALANCE

ITEM	DATE	DEPOSIT AMOUNT	BALANCE
Balance Forward (from 87-88)	04/06/88	108.96	108.96
Dividend	04/01/88	1.44	110.40
Dividend	07/18/88	1.51	111.91
Dividend	10/01/88	1.51	113.42
Dividend	01/01/89	1.51	114.93

UNIVERSITY OF OKLAHOMA FOUNDATION

ITEM	DATE	DEPOSIT AMOUNT	BALANCE
Balance Forward (from 87-88)	04/06/88	852.60	852.60
			852.60

TWENTY-THIRD MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      12-14 April 1990

PROGRAM

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**Friday, 13 April 1990**

- E.S. Loker, L.A. Hertel and D.F. Cimino, The University of New Mexico, Albuquerque, NM, "Larval trematode secretory products interfere with snail hemocyte functions."
- \* M.J. Patrick, The University of New Mexico, Albuquerque, NM, "The distribution of enteric helminths of *Glaucomys volans* (Sciuridae): A test of competition."
- \* M.M. Shipley, J.W. Dillwith, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Analysis of lipid components in tick salivary glands."
- \* R.D. McKown, J.K. Veatch and L. Fox, Kansas State University, and Kansas Department of Wildlife and Parks, Manhattan, KS, "New locality record for *Heterobilharzia americana*."
- N.J. Gotelli and H.R. Spivey, University of Oklahoma, Norman, OK, and Acacia Corp., McDonald, PA, "Male parasitism and intrasexual competition in a burrowing barnacle."
- \* A.A. Rege, and C.L. Chappell, Baylor University Medical Center, Houston, TX, "Is CPI from *S. mansoni* really a cysteine proteinase?"
- J.E. Ubelaker, Southern Methodist University, Dallas, TX, "*Acanthamoeba* sp. trophozoites: *In vitro* adherence and penetration of human corneas."
- C.T. McAllister and S.J. Upton, VA Medical Center, Dallas, TX, and Kansas State University, Manhattan, KS, "First report of coccidian parasites (Apicomplexa: Eimeriidae) from harvest mice, *Reithrodontomys* spp."
- \* M. Tilley and S.J. Upton, Kansas State University, Manhattan, KS, "Characterization of some surface and endogenous proteins and glycoproteins of *Eimeria nieschulzi*."
- J.Y. Niederkorn, Y.-G. He, G.L. Stewart, D.R. Meyer and J.P. McCulley, University of Texas Southwestern Medical Center, Dallas, and University of Texas, Arlington, TX, "Role of collagenase in the pathophysiology of *Acanthamoeba* keratitis."
- EM. Monroy, C.L. Chappell and M.H. Dresden, Baylor University Medical Center, Houston, TX, "Monoclonal antibodies against cysteine proteinases from *Schistosoma mansoni* adult worms."
- G.M. Hashem, Southern Methodist University, Dallas, TX, "Lethal effect of photoactivation of DHE on *Acanthamoeba castellanii* trophozoite."

\* Student Paper Competition

**Poster Presentations**

- E. Larsen and G.L. Stewart, University of Texas, Arlington, TX, "*Trichinella pseudospiralis* overcomes innate resistance of the Chinese hamster to infection with *Trichinella spiralis*."

- D.T. John and R.A. John, Oral Roberts University School of Medicine, and Symex Corp., Tulsa, OK, "Flagella number among *Naegleria* flagellates."
- C.T. McAllister and S.J. Upton, VA Medical Center, Dallas, TX, and Kansas State University, Manhattan, KS, "The coccidia (Apicomplexa) of viperid snakes of the world."
- O. Gaytan, C. Salgado, M. Tulley and A. Valerie, University of Texas, El Paso, TX, "A comparative study of cercarial infections in three genera of snails collected from the Sea of Cortez at Puerto Peñasco, Mexico."
- G.S.J. Rao, P.F. Cook and B.G. Harris, Texas College of Osteopathic Medicine, Ft. Worth, and North Texas State University, Denton, TX, "Circular dichroism and fluorescence studies on phosphofructokinase from *Ascaris suum*."
- A.M. Shahkolahi and M.J. Donahue, University of North Texas, Ft. Worth, TX, "Bacterial effects on serotonin turnover in the intestine of *Ascaris suum*."
- W.F. Fisher, J.H. Pruett, V.M. Howard and P.J. Scholl, ARS, USDA, Kerrville, TX, "Antigen specific T-lymphocyte proliferative responses in vaccinated and *Hypoderma lineatum*-infested calves."
- J.S. Tucker and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Analysis of drug-induced saliva from female lone star ticks."
- A.E. Quershi, J.P. Williams, J.R. Sauer and R.C. Essenberg, Oklahoma State University, Stillwater, OK, and Washington University Medical School, St. Louis, MO, "Evidence of an ATPMG-requiring protein phosphatase and inhibitor phosphoprotein in tick salivary glands."

**MINUTES OF THE 23<sup>RD</sup> ANNUAL SWAP MEETING,  
Submitted by D.T. John, Secretary-Treasurer**

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**Minutes of the 23rd Annual Meeting  
Southwestern Association of Parasitologists**

The 23rd Annual Meeting of SWAP was called to order by President-Elect Lillian Mayberry at 7:00 p.m., April 13, 1990, in the Library of the University of Oklahoma Biological Station.

President-Elect Mayberry announced that the Annual Meeting was dedicated to the memory of President Marc Dresden, who passed away February 17, 1990. Past President John Janovy presented a special resolution in tribute to President Dresden. John Janovy requested a minute of standing silence in memory of Marc Dresden.

Minutes of the 22nd Annual Meeting, prepared by Lillian Mayberry, were presented by Secretary-Treasurer David John and approved by the membership.

Secretary-Treasurer John gave the Secretary's report and the Membership Committee report. The mailing for the 1990 Annual Meeting was sent to 146 members. The SWAP Constitution and a Membership Directory were included in the mailing. Of the 112 paid-up members, the state of Texas had 51, Oklahoma 14, Nebraska 11, and New Mexico 7. Fourteen other states had 1-4 members each. Canada and Iran each had one member.

The Treasurer's report, given by David John, showed a balance of \$1,948.89 on April 2, 1990, for accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation.

The report of the Auditing Committee (Michael Kemp and Richard Clopton) was presented by Michael Kemp, who indicated that SWAP financial records had been examined and found to be in order.

The David A. Becker Memorial Award for the outstanding student presentation was made by President-Elect Mayberry to Michael Shipley of the Department of Entomology, Oklahoma State University, for his paper entitled, "Analysis of lipid components in tick salivary glands."

In the absence of ASP Representative Jack Bristol, Lillian Mayberry gave the report of the actions of Council at the Annual Meeting held in Vancouver, BC, August 6-10, 1989. The report is on file with SWAP records. Additional comments were made by Michael Kemp, who described the American "umbrella" organization of parasitologists, the Federation of Parasitologists.

The Teller's report was given by Nominating Committee Chairman John Janovy. SWAP officers for 1990-91 are:

President	-	Lillian Mayberry
President-Elect	-	George Stewart
Secretary-Treasurer	-	David John
ASP Representative	-	Danny Pence

**OLD BUSINESS**

There was no unfinished old business.

## NEW BUSINESS

Station Director Loren Hill described the summer program at UOBS. Courses will be two weeks long, rather than eight weeks as they had been in the past, with four hours credit.

Lillian Mayberry recommended that the Student Fund, resulting from profits in t-shirt sales, be named the Marc Dresden Student Fund. Motion was approved unanimously by the membership.

ASP Program Officer Donald Duszynski reported on the 1990 ASP Annual Meeting to be held at the Kellogg Center, Michigan State University, East Lansing, June 26-30.

At the request of President-Elect Mayberry, Donald Duszynski described what he knew of the Biodiversity Program, with possible funding by Congress. Janice Moore and Danny Pence contributed to the discussion. ASP has endorsed the Biodiversity Bill.

Report of the Resolutions Committee was given by John Janovy, who complimented the kitchen staff on outstanding meals.

President-Elect Mayberry presented a Certificate of Appreciation for President Dresden to Ajay Rege, which is to be given to Mrs. Judith Dresden.

Acting on behalf of President Dresden, Cynthia Chappell passed the gavel to President-Elect Lillian Mayberry, who adjourned the meeting at 8:00 p.m.

Respectfully submitted,

David T. John  
Secretary-Treasurer



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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 23<sup>RD</sup> ANNUAL SWAP MEETING**

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**SWAP 1990 ANNUAL MEETING**

**SECRETARY’S REPORT**

Minutes of the 1989 annual meeting, prepared by Lillian Mayberry, were distributed.

The mailing for the 1990 annual meeting was sent to 146 members. The SWAP constitution and a membership directory were included in the mailing.

**MEMBERSHIP REPORT**

SWAP has 146 members on the rolls; 34 will be removed unless dues are paid by the end of the 1990 annual meeting. Geographic distribution of paid-up members is as follows:

Texas	- 51	Iowa	- 2
Oklahoma	- 14	Connecticut	- 1
Nebraska	- 11	Florida	- 1
New Mexico	- 7	Mississippi	- 1
Louisiana	- 4	New Jersey	- 1
Wisconsin	- 4	North Carolina	- 1
Kansas	- 3	South Carolina	- 1
Missouri	- 3	Tennessee	- 1
Arkansas	- 2	Canada	- 1
Colorado	- 2	Iran	- 1

**TREASURER'S REPORT**

**ACCOUNT WITH** Tulsa Teacher's Credit Union, 3720 East 31st Street, Tulsa, Oklahoma 74159

**BEGINNING BALANCE (8/22/89)**

Checking account	1,517.73	
Savings account	116.44	
Univ. Okla. Fdn.	<u>852.60</u>	
<b>TOTAL</b>		<b>\$2,486.77</b>

**INCOME**

Dues	224.00	
Close acct., El Paso	20.28	
T-shirt sales	14.00	
Interest/dividends	31.57	
Univ. Okla. Fdn.	<u>72.77</u>	
<b>TOTAL</b>		<b>\$ 362.62</b>

**EXPENSES**

Open accounts	13.00	
Office supplies	10.57	
Printing	114.70	
T-shirts	637.94	
Postage	<u>124.29</u>	
<b>TOTAL</b>		<b>\$ 900.50</b>

**ENDING BALANCE (4/2/90)**

Checking account	905.42	
Savings account	118.10	
Univ. Okla. Fdn.	<u>925.37</u>	
<b>TOTAL</b>		<b>\$1,948.89</b>

Respectfully submitted,

David T. John  
Secretary-Treasurer

April 13, 1990

**REPORT OF THE RESOLUTIONS COMMITTEE, 23<sup>rd</sup> ANNUAL SWAP MEETING**

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**1990 SWAP RESOLUTIONS**

Whereas, because of the February death of President Marc Dresden, the Resolutions Committee considers its normal attempts at insane hyperbole inappropriate for this year's meeting, and

Whereas, Marc Dresden's career—from his careful and focused research, to his advanced teaching, to his generous contribution of time, talent and wisdom to professional societies including this one, serve as a model for us all, and

Whereas, members of a scientific society share a special intellectual relationship with all other members by virtue of their common values, interests, and appreciation for one another's efforts,

Be it remembered, that the Southwestern Association of Parasitologists dedicated its 1990 meeting to the memory of Dr. Marc Dresden and requests that its members, wherever they may be, stand to observe a minute of silence for our departed colleague,

Whereas, the management and staff of UOBS, including the award winning kitchen crew, Richard Page, Linda Hill and especially Dr. Loren Hill, have again made it possible for all parasitologists to come together under the most idyllic and fermentive of conditions, and

Whereas, the officers and committee members of SWAP have exercised their responsibilities in a skillful manner,

Be it Resolved: that SWAP expresses not only its deepest appreciation to the aforementioned individuals, but also its eager anticipation for next year's meeting.

Respectfully submitted  
John Janovy, Jr., Chairman

TWENTY-FOURTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK                      4-6 April 1991

PROGRAM

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**Friday, 5 April 1991**

- \* D. Weston and W.M. Kemp, Texas A&M University, College Station, TX, "Cloning of an antigen shared between *Schistosoma mansoni* and its intermediate host *Biomphalaria glabrata*."
- \* C. Leadabrand, University of Nebraska, Lincoln, NE, "Suitability of largemouth bass as hosts of *Leptorhynchoides thecatus* (Acanthocephala)."
- \* M. Tilley and S. Upton, Kansas State University, Manhattan, KS, "Sporozoites and merozoites of *Cryptosporidium parvum* share an epitope recognized by hyperimmune bovine colostrum and a monoclonal antibody with partial neutralizing activity."
- \* W. Moser, University of Nebraska, Lincoln, NE, "Seasonality and preferences of feeding by the leech *Placobdella ornata*."
- \* R. Stich, J. Bantle, K. Kocan, G. Palmer and I. Eric, Oklahoma State University, Stillwater, OK, and Washington State University, Pullman, WA, "Preliminary development of a polymerase chain reaction assay for *Anaplasma marginale*."
- \* R. McKown, J. Veatch, S. Upton and D. Burkhead, Kansas State University, Manhattan, KS, "A case of baylisascariasis in a beaver."
- \* S. Mukolwe, A. Kocan, J. Wyckoff III and R. Barker, Oklahoma State University, Stillwater, OK, "A Lyme disease serological survey in Oklahoma."
- \* M. Patrick, D.W. Duszynski and W. Wilson, The University of New Mexico, Albuquerque, NM, "Ecological relationships between mesic and xeric habitats and coccidian diversity on the Sevilleta National Wildlife Refuge."
- \* R. Clopton, University of Nebraska, Lincoln, NE, "Host-species and stadia specificity in three species of *Gregarina* (Apicomplexa: Eugregarinorida) infecting *Tenebrio molitor* (Coleoptera: Tenebrionidae) and *Diabrotica undecimpunctata* (Coleoptera: Chrysomelidae)."
- \* T. Percival, University of Nebraska, Lincoln, NE, "Analysis of the host-parasite interface among the gregarines parasitizing the blue damselfly, *Enallagma civile*."
- M. Pidherney, Y. He, J. Mellon, H. Alizadeh, R. Silvany, J. McCulley and J. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "*Acanthamoeba* keratitis in the pig."
- C. McAllister, S. Upton and D. Brillhart, VA Medical Center, Dallas, TX, and Kansas State University, Manhattan, KS, "Cross-transmission studies on coccidian parasites from pigmy mice (*Baiomys taylori*), white-footed mice (*Peromyscus leucopus*) and harvest mice (*Reithrodontomys* spp.)."
- G. Hashem, Southern Methodist University, Dallas, TX, "The uptake and dark toxicity of porphyrin compounds by *Acanthamoeba castellanii*."

- R. Uchikawa and E. Loker, The University of New Mexico, Albuquerque, NM, "Phagocytosis of latex beads by hemocytes of the snail *Biomphalaria glabrata*: Effects of snail strain, plasma components and exposure to trematode infection."
- E.S. Loker and R. Uchikawa, The University of New Mexico, Albuquerque, NM, "Lectin-binding properties of the surfaces of *in-vitro* transformed *Schistosoma mansoni* and *Echinostoma paraensei* sporocysts."
- D. Huffman and M. Stacil, Southwest Texas State University, and Texas Parks and Wildlife Department, San Marcos, TX, "Photosensitivity and consequent fatal mycosis induced in channel catfish by tetracycline prophylaxis."
- L. Hertel, F. Monroy, R. Uchikawa and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Biochemical and functional properties of trematode-induced polypeptides from the hemolymph of the snail *Biomphalaria glabrata*."
- G. Oliveira and W.M. Kemp, Texas A&M University, College Station, TX, "Cloning of *Schistosoma mansoni* adult worm proteins with potential use for prepatent immunodiagnosis."

\* Student Presentations

**Saturday, 6 April 1991**

**Poster Presentations**

- M. Silva, M. Spears and L.F. Mayberry, University of Texas, El Paso, TX, "Effect of dexamethasone on *Eimeria separata* oocyst production."
- W. Fisher and L. Gershwin, ARS, USDA, Kerrville, TX, and University of California, Davis, CA, "Development of resistance to *Psoroptes* in cattle with multiple exposures to *P. ovis*."
- D. John and K. Hoppe, Oklahoma State University, Stillwater, OK, "Animals susceptible to intranasal infection by *Naegleria fowleri*."
- H. Alizadeh, J. Ubelaker, R. Silvany, Y. He, G. Stewart, J. Martin, J. Mellon and J. McCulley, University of Texas Southwestern Medical Center, Dallas, TX, "Adherence of *Acanthamoeba castellanii* on corneal epithelium of various animal species."
- K. Shupe and G. Stewart, University of Texas, Arlington, TX, "Stimulated chemotactic response in neutrophils isolated from *Trichinella pseudospiralis*-infected mice and the neutrophilotactic potential of *Trichinella* extracts."
- A. Rickert and G. Stewart, University of Texas, Arlington, TX, "Determination of myeloperoxidase levels and the percent of myeloperoxidase positive cells in neutrophils recovered from mice infected with *Trichinella spiralis* or *T. pseudospiralis*."
- G. Stewart, K. Shupe and I. Kim, University of Texas, Arlington, TX, "Homologous antibody-dependent killing of newborn larvae of *Trichinella spiralis* and *T. pseudospiralis* by neutrophils and eosinophils."
- M. Abbassi, J. Williams and M. Donahue, University of North Texas, Ft. Worth, TX, "Regulation of glycogenolysis in perfused muscle segments of *Ascaris suum* by serotonin (5-hydroxytryptamine) agonist."

- A. Shahkolahi, J. Williams and M. Donahue, University of North Texas, Ft. Worth, TX, "Initial characterization of 5-HT receptor present in *Ascaris suum* muscle."
- S. Monks, University of Nebraska, Lincoln, NE, "A study of some internal structures of *Moniliformis moniliformis* using scanning electron microscopy."
- A. Qureshi, C. Roddy, R. Mumma, R. Essenberg and J. Sauer, Oklahoma State University, Stillwater, OK, "Cyclic AMP and calcium-modulated ATPase activity in the salivary glands of the lone star tick *Amblyomma americanum* (L.)."
- M. Surdick, J. Sauer, R. Essenberg and J. Dillwith, Oklahoma State University, Stillwater, OK, "Phospholipase A<sub>2</sub> activity in salivary glands of the lone star tick *Amblyomma americanum*."
- M. Shipley, J. Dillwith, R. Essenberg and J. Sauer, Oklahoma State University, Stillwater, OK, "Occurrence of arachidonic acid in tick salivary glands."
- M. Farmer, Southern Methodist University, Dallas, TX, "Amebostome-like structures on the amoeba, *Acanthamoeba castellanii* (Acanthamoebidae: Amoebida)."

**MINUTES OF THE 24<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by D.T. John, Secretary-Treasurer**

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**Minutes of the 24th Business Meeting  
Southwestern Association of Parasitologists**

The Twenty-fourth Business Meeting was called to order by President Lillian Mayberry at 7:05 p.m., April 5, 1991, in the Library of the University of Oklahoma Biological Station.

**REPORTS**

Minutes of the 23rd Business Meeting were presented by Secretary-Treasurer David John and approved by the membership.

Secretary-Treasurer John gave the Secretary's report and the Membership report. Mailing for the 1991 Annual Meeting was sent to 163 members, 17 more than in 1990. Texas had the most members with 76, followed by Oklahoma with 26, Nebraska with 15, New Mexico with 11, and Kansas with 5. Fourteen other states had 1-4 members each. International members included two from Canada and one from Iran. The SWAP Constitution and a Membership Directory were included in the mailing.

The Treasurer's report, given by David John, showed a balance of \$3,774.62 on March 31, 1991, for accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation. Of this amount, \$316.32 was in the Marc Dresden Student Fund, a fund generated from profits in T-shirt sales.

The report of the Auditing Committee, comprised of Ralene Mitschler and Jerry Niederkorn, was presented by Ralene Mitschler who indicated that SWAP financial records had been examined and found to be in order.

The David A. Becker Memorial Award for the outstanding student presentation was made by President-Elect George Stewart to Richard Clopton of the School of Biological Sciences, University of Nebraska-Lincoln, for his paper entitled, "Host-species and stadia specificity in three species of Gregarina (Apicomplexa: Eugregarinorida) infecting *Tenebrio molitor* (Coleoptera: Tenebrionidae), and *Diadrotica undecimpunctata* (Coleoptera: Chrysomelidae)."

In the absence of ASP Representative Danny Pence, Lillian Mayberry gave a summary report of the actions of Council at the Annual Meeting held at Michigan State University, June 26-30, 1990. Significant actions of Council included: a) candidates for President-Elect must submit an agenda of objectives which they would implement as President, b) a 1-year membership in ASP for the student receiving the outstanding student paper award at each regional affiliate meeting, c) a dues increase in 1992 to \$55 for Active Members and \$30 for Student Members. The full report of the 80th Annual Council Meeting may be found on pages 761-775 of the 1990 volume of the *Journal of Parasitology*.

The Teller's report was given by Nominating Committee Chairman Sam Loker. SWAP officers for 1991-92 are:

- |                     |   |                  |
|---------------------|---|------------------|
| President           | - | George Stewart   |
| President Elect     | - | Cynthia Chappell |
| Secretary-Treasurer | - | David John       |
| ASP Representative  | - | Danny Pence      |

**OLD BUSINESS**

There was no unfinished old business.

## NEW BUSINESS

Lillian Mayberry suggested that there be a T-shirt design competition at the 1992 Annual Meeting of SWAP. A cash prize will be awarded for the winning design which will be available on T-shirts at the 1993 meeting. The competition will be announced in the January 1992 membership mailing.

ASP Program Officer Donald Duszynski reported on the 1991 ASP Annual Meeting to be held at the University of Wisconsin, Madison, August 4-8.

Acting on behalf of the student members, Michael Patrick recommended that funds from the Marc Dresden Student Fund be used to provide a 1-year membership in the ASP for the second place winner of the student paper competition. The recommendation was approved unanimously by the membership. The prize will be designated the Marc H. Dresden Memorial Award.

David John recommended that two additional membership categories be included in the SWAP Constitution: Emeritus Member for persons who have been active members of the Association and who are retired, and Life Member for individuals who have made substantial financial contributions to the Association. President Mayberry appointed David John and Alan Kocan to draft a proposed amendment to the Constitution to reflect the recommended additions, to be sent to the membership with the January 1992 mailing.

John Janovy, Association Resolutionist for many years, presented the report of the Resolutions Committee. His sagacious observations encompassed the good omens of white pelicans, halcyon days and pastel sunsets, The Great Oklahoma Wind and Rain Machine, Swapers, the prize-winning Angels of Kingston (UOBS kitchen staff), the George Stewart outdoor wine and cheese party and the efficient and accommodating duo of Linda and Loren Hill. In short, the 24th annual gathering of SWAP was declared "the mother of all regional parasitological society meetings." Lillian Mayberry announced that John Ubelaker would be assuming the duties of Association Resolutionist.

Acting on behalf of the membership of SWAP, David John presented a Certificate of Appreciation to President Mayberry.

President Mayberry passed the gavel to President-Elect Stewart, who declared the twenty-fourth Business Meeting adjourned at 7:50 p.m.

Respectfully submitted,

David T. John  
Secretary-Treasurer

April 5, 1991



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**SECRETARY-TREASURER'S REPORTS PRESENTED AT THE 24<sup>TH</sup> ANNUAL SWAP MEETING**

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**SWAP 1991 ANNUAL MEETING**

**SECRETARY'S REPORT**

Minutes of the 1990 annual meeting, prepared by David John, were distributed.

The mailing for the 1991 annual meeting was sent to 163 members; three were returned because of no forwarding addresses. They were for Sara Marley, Rex Martin and Fernando Monroy. The SWAP constitution and a membership directory were included in the mailing.

Date of next year's meeting, the 25th Annual Meeting, is April 2-4, 1992.

**MEMBERSHIP REPORT**

SWAP has 163 members on its rolls, of which 47 (29%) are paid up; 21 will be removed unless dues are paid by the end of the 1991 annual meeting. Geographic distribution of members is as follows:

U.S.A.

Texas	76	Iowa	2
Oklahoma	26	North Carolina	2
Nebraska	15	Connecticut	1
New Mexico	11	Florida	1
Kansas	5	Massachusetts	1
Louisiana	4	Mississippi	1
Wisconsin	4	New Jersey	1
Colorado	3	South Carolina	1
Missouri	3	Tennessee	1
Arkansas	2		

International

Canada	2
Iran	<u>1</u>
Total	163

**TREASURER'S REPORT**

**ACCOUNT WITH** Tulsa Teacher's Credit Union, 3720 East 31<sup>st</sup> Street, Tulsa, Oklahoma 74159

**BEGINNING BALANCE (4/2/90)**

Checking account	905.42	
Savings account	118.10	
Univ. Okla. Fdn.	<u>925.37</u>	
<b>TOTAL</b>		<b>\$1,948.89+</b>

**INCOME**

'91 mtg. registration	1,641.50	
Dues	416.00	
'88 & '89 mtg. profits	823.00	
T-shirt sales	402.00	
Interest/dividends	92.20	
Univ. Okla. Fdn.	<u>82.49</u>	
<b>TOTAL</b>		<b>\$3,457.19+</b>

**EXPENSES**

Becker award	50.00	
New checks	8.87	
Office supplies	6.00	
Printing	265.08	
T-shirts 573.00		
Postage	314.43	
'89 & '90 mtg. refrshmt.	<u>414.08</u>	
<b>TOTAL</b>		<b>\$1,631.46-</b>

**ENDING BALANCE (3/31/91)**

Checking account	2,641.07	
Savings account	125.69	
Univ. Okla. Fdn.	1,007.86	
<b>TOTAL</b>		<b>\$3,774.62*+</b>

(\*Student fund; T-shirt sales 316.32)

Respectfully submitted,

David T. John  
Secretary-Treasurer

April 5, 1991

**1991 SWAP RESOLUTIONS**

Whereas, all the good omens were, this week, in total conjunction and congruence – to wit:

117 white pelicans cut the crepuscular ribbon to officially declare the University of Oklahoma Biological Station open and receptive to the young, the eager, the competitive, the sagacious, the jaundiced fed up with rinky-dink, and the just glad as hell to get away, and

Whereas, The Great Oklahoma Wind and Rain machine ground to a surly, but resigned halt in response to our subliminal demand for halcyon days and pastel sunsets, and

Whereas, in fitting metaphor, the door to the local brewery and corn chip factory fell from its hinges, hanging crazily as state vans issued forth their thirsty streams of swappers brandishing fistfuls of American legal tender, and

Whereas, the prize winning Angels of Kingston have once more tossed the finest salad bar of the Red River Valley and given us a voyeuristic peak at the culmination of food's 3 billion year evolutionary history, and

Whereas, a small but brave army of students has, for one brief moment in a turbulent century, taken on its shoulders all the stress in the Western World while rehearsing their papers, and

Whereas, the building and grounds crew of UOBS has worked its hidden, but highly effective magic, and

Whereas, in the most remarkable stroke of good fortune to ever befall a regional society, SWAP's Secretary-Treasurer found another professional home to get away from Tulsa, and

Whereas, the rest of the officers of this most famous regional society, President Mayberry, President-Elect Stewart, ASP Representative Pence, have labored for months to make this seemingly simple meeting go stunningly smoothly, and

Whereas, once more Linda and Loren Hill have personally taken it upon themselves to see that everything from a spring-loaded laser pointer, to the spring-loaded keg nozzle, to the spring-loaded salsa is at our fingertips this spring, and

Whereas, in an unparalleled touch of class, Breck and George Stewart and graduate students Ann Rickert and Ina Kim, from the University of Texas-Arlington, did what all graduate students everywhere do, namely make their major professors crazy ideas actually work by setting up the first-ever SWAP Outdoor Wine and Cheese Party, thus

Be It Resolved: that the 1991, 24<sup>th</sup> annual gathering of the Southwestern Association of Parasitologists be declared the mother of all regional parasitological society meetings.

Respectfully submitted,

John Janovy, Jr., Chairman

TWENTY-FIFTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK                      2-4 April 1992

PROGRAM

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**Friday, 3 April 1992**

- S.J. Upton and R.D. McKown, Kansas State University, Manhattan, KS, "The red-tailed hawk, *Buteo jamaicensis*, a natural definitive host for *Frenkelia microti* in North America."
- R.R. Mitschler, R. Welti and S.J. Upton, Kansas State University, Manhattan, KS, "Membrane lipid composition of two coccidians."
- M. Tilley, S.J. Upton, R. Fayer and M.C. Jenkins, Kansas State University, Manhattan, KS, and USDA, Beltsville, MD, "Purification of the 15 kDa surface glycoprotein of *Cyptosporidium parvum* by preparative isoelectric focusing."
- S.J. Upton, D.S. Lindsay, R.R. Mitschler and B.L. Blagburn, Kansas State University, Manhattan, KS, and Auburn University, Auburn, AL, "Evidence that the cyst wall of *Toxoplasma gondii* is comprised of active respiratory membranes derived from fused host cell mitochondria."
- M. Pidherney, H. Alizadeh, J. Mellon, G. Stewart, R. Silvano, F. van Klink, J.P. McCulley and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, and University of Texas, Arlington, TX, "Characterization of an ocular isolate and a soil isolate of *Acanthamoeba castellanii*."
- C. Chappell, M. Gardner and T. Tran, Baylor University Medical Center, Houston, TX, "Detection and partial characterization of aspartic proteinase activity from *Acanthamoeba* spp."
- R.E. Clopton, University of Nebraska, Lincoln, NE, "The influence of vapor pressure deficit on gametocyst development and sporulation in the gregarine assemblage parasitizing *Tenebrio molitor*."
- D.B. Brillhart and S.J. Upton, Kansas State University, Manhattan, KS, "The prevalence of Lyme disease antibodies in several species of Kansas wildlife."
- A.S. Bowman, J.W. Dillwith, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Arachidonic acid synthesis in the lone star tick, *Amblyomma americanum*."
- F.P. Monroy, L.A. Hertel and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Characterization of lectin-like activity in hemocytes from *Echinostoma paraensei*."

**Poster Presentations**

- H. Alizadeh, R.E. Silvano, J.A. Mellon, F. van Klink, Y. He, J.P. McCulley and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "Induction *Acanthamoeba* keratitis in Chinese hamsters: Role of trauma and contaminated contact lenses."
- D.T. John, T.B. Cole, Jr. and R.A. John, Oklahoma State University, Stillwater, OK, Hiram College, Hiram, OH, and Symex Corp., Tulsa, OK, "Scanning electron microscopy of the three stages *Naegleria fowleri*."

- M.M. Shipley, J.W. Dillwith, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Modifications in fatty acid composition of tick salivary in response to feeding."
- A.E. Qureshi, R.C., Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Identification of protein phosphatase-1 and -2A activities in tick salivary glands."
- A.A. Kocan, S.W. Mukolwe, K.M. Kocan, R.W. Barker and G.L. Murphy, Oklahoma State University, Stillwater, OK, "Lyme disease in Oklahoma: Ecological approach to determining wildlife reservoirs and potential vectors."
- M. Patrick and S. Mistry, The University of New Mexico, Albuquerque, NM, "Ectoparasites of *Megachiroptera* from India."
- L.C. Miller, Bloomsburg University, Bloomsburg, PA, "Quantification of the degree of larval nematode penetration through host epithelium using solid geometrical analysis."
- W.F. Fisher and J.H. Pruett, Jr., ARS, USDA, Kerrville, TX, "Comparison of ANOVA and chi-square analysis for data from cattle vaccinated with purified *Hypoderma lineatum* proteins."
- K.B. Temeyer, M. Haufler and J.H. Pruett, ARS, USDA, Kerrville, TX, "Construction of hybridomas secreting monoclonal antibodies binding to hypodermin C and hypodermin A of *Hypoderma lineatum*."
- B. Bennett, A. Rickert, K. Shupe and G.L. Stewart, University of Texas, Arlington, TX, "Reduced oxidative burst capacity in neutrophils from *Trichinella*-infected mice and suppression of neutrophil oxidative burst by antigens of *Trichinella pseudospiralis* muscle larvae."
- I. Kim and G.L. Stewart, University of Texas, Arlington, TX, "Functional alterations in eosinophils from *Trichinella pseudospiralis*-infected mice."
- M.A. Silva and L.F. Mayberry, University of Texas, El Paso, TX, "Free radical generation during single and concurrent infections with *Nippostrongylus brasiliensis* and *Eimeia nieschulzi*."

#### **Saturday, 4 April 1992**

- S. Moderic and L.F. Mayberry, University of Texas, El Paso, TX, "Interspecific interactions between *Plasmodium berghei* (Apicomplexa) and *Nippostrongylus brasiliensis* (nematode) in the mouse, *Mus musculus*."
- C.T. McAllister, J. Riley, P.S. Freed and D.A. Freed, VA Medical Center, Dallas, TX, University of Dundee, Scotland, and Houston Zoological Gardens, Houston, TX, "Endoparasites of some Malagasy colubrid snakes, with comment on two new species of *Raillietiella* (Pentastomida)."
- T. Doigg, F. Monroy and C. Chappell, Baylor University Medical Center, Houston, TX, "Identification and characterization of glutathione s-transferase activity in *Schistoosoma mansoni* eggs."
- M.T. Suderman, S. Hagan, K. Nodland, C. Richardson, A. Ficht and B.L. Doughty, Texas A&M University, College Station, TX, "Bovine cell mediated responses to selected *Fasciola hepatica* antigens."
- C. Brook, A.C. White and C.L. Chappell, Baylor University Medical Center, Houston, TX, "Purification of a cysteine protease from *Taenia crassiceps*."

**MINUTES OF THE 25<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by D.T. John, Secretary–Treasurer**

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**Minutes of the 25th Business Meeting  
Southwestern Association of Parasitologists**

The Twenty-fifth Business Meeting was called to order by President George Stewart at 7:10 p.m., April 3, 1992, in the Library of the University of Oklahoma Biological Station.

**REPORTS**

Minutes of the 24th Business Meeting were presented by Secretary–Treasurer David John and approved by the membership.

Secretary–Treasurer John gave the Secretary's report and the Membership report. Mailing for the 1992 Annual Meeting was sent to 149 members, 14 less than in 1991. Texas had the most members with 68, followed by Oklahoma with 22, Nebraska with 13, New Mexico with 10, Kansas with 6 and Wisconsin with 5. Twelve other states had 1–4 members each. International members included 3 from Canada and 1 from Iran. The SWAP Constitution and a Membership Directory were included in the mailing.

The Treasurer's report, given by David John, showed a balance of \$3,344.04 on March 31, 1992, for accounts with the Tulsa Teacher's Credit Union and the University of Oklahoma Foundation. Of this amount, \$429.90 was in the Marc Dresden Student Fund, a fund generated by profits from T-shirt sales.

The report of the Auditing Committee, comprised of Ann Rickert and John Janovy, was presented by John Janovy who indicated that SWAP financial records had been examined and were found to be in order.

The David A. Becker Memorial Award for the outstanding student presentation was made by President-Elect Cynthia Chappell to Richard Clopton of the School of Biological Sciences, University of Nebraska–Lincoln, for his paper entitled, "The influence of vapor pressure deficit on gametocyst development and sporulation in the gregarine assemblage parasitizing *Tenebrio molitor*."

The Marc H. Dresden Memorial Award for student presentation was made by President-Elect Chappell to Ralene Mitschler of the Division of Biology, Kansas State University, for her paper entitled, "Membrane lipid composition of two coccidians."

President Stewart recognized two individuals present at the Silver Anniversary meeting who were charter members of the Association—Thomas Meade, Secretary–Treasurer, 1974–77, and Teague Self, President, 1970. The membership gave them a standing ovation.

In the absence of ASP Representative Danny Pence, Lillian Mayberry gave a summary report of the actions of Council at the Annual Meeting held at the University of Wisconsin, August 4–8, 1991. Significant actions of Council included: a) the best student paper award at affiliate society meetings would be sponsored for travel grant consideration to the national meeting, b) all nonmembers registering at the Annual Meeting would receive a 1 year membership in ASP, c) the Vice-President would become President-Elect, then President and Immediate Past-President for a 4-year commitment, d) three new awards were approved, New Investigator, Eminent Parasitologist and Mentorship, and e) Gerald Schmidt would be honored with a commemorative issue of the *Journal of Parasitology*. The full report of the 81st Annual Council Meeting may be found on pages 822–835 of the 1991 volume of the *Journal of Parasitology*.

The Teller's report was given by Nominating Committee Chairman Hassan Alizadeh. SWAP officers for 1992–93 are:

President	-	Cynthia Chappell
President-Elect	-	David John
Secretary-Treasurer	-	Sam Loker
ASP Representative	-	Danny Pence

#### OLD BUSINESS

A motion was made by David John to add two new membership categories to the SWAP Constitution: emeritus members for individuals who have been full members of the Association for at least 10 years and who are retired, and life members for individuals who have made a one-time contribution of at least \$250.00 to the Association. Such contributions shall be placed in student award accounts. The motion was seconded and passed by the membership.

#### NEW BUSINESS

Michael Patrick of the University of New Mexico won the T-shirt design competition and received a \$50.00 cash prize for his entry. The design will be reproduced on T-shirts at the 1993 meeting.

John Janovy pointed out the ASP offices held by members of SWAP, namely President Richard Seed, Secretary–Treasurer Lillian Mayberry, Council Members-at-Large Janice Moore and John Oaks, Editor Brent Nichol and Program Officer Donald Duszynski.

Program Officer Duszynski reported on the 1992 Annual Meeting of the ASP to be held August 5–8 in Philadelphia, Pennsylvania. Jay Farrell is Chair of the Local Organizing Committee.

Jack Bristol gave the report of the Resolutions Committee acknowledging the past contributions of Resolutionist John Janovy, the hospitality of Loren and Linda Hill and the cafeteria staff, the wine and cheese reception, the presence of two charter members of SWAP, Dr. Self and Dr. Meade and declared the 25<sup>th</sup> annual meeting to be a super success.

Acting on behalf of the membership of SWAP, David John presented a Certificate of Appreciation to President Stewart. He also expressed appreciation to Breck Stewart for organizing two years of wine and cheese festivity.

President Stewart passed the gavel to President-Elect Chappell, who declared the twenty-fifth Business Meeting adjourned at 8:05 p.m.

Respectfully submitted,

David T. John  
Secretary–Treasurer

April 16, 1992

## PROPOSED SWAP CONSTITUTION AMENDMENT

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### AMENDMENT TO CONSTITUTION

Proposed amendment to the Constitution to be discussed and voted on at the Business Meeting, April 3, 1992.

Present Statement

#### ARTICLE III. MEMBERSHIP

The Association shall be open to all interested persons, regardless of place of employment, residence, or affiliation in other recognized societies, so long as the individuals' employment or affiliation do not advocate overthrow of the Constitution of the United States of America.

1. There shall be student members, i.e., individuals who have not earned a doctorate degree and are enrolled as full-time students in a recognized educational institution.
2. There shall be full members, i.e., individuals who have terminated their studies and those who do not fall into the student member category.

#### **Proposed Amendment**

(addition of two new membership categories)

3. There shall be emeritus members, i.e., individuals who have retired from active professional work and who have been full members for at least 10 years. Emeritus status is granted upon written request to the Secretary-Treasurer. Emeritus members shall not pay dues but shall be accorded all rights and privileges of full members.
4. There shall be life members, i.e., individuals who have made a one-time contribution of at least \$250.00 to the Association. Life members shall be exempt from payment of dues and shall exercise all rights of full members.



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## SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 25<sup>TH</sup> ANNUAL SWAP MEETING

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### SWAP 1992 Annual Meeting

#### SECRETARY’S REPORT

Minutes of the 1991 annual meeting, prepared by David John, were distributed.

The mailing for the 1992 annual meeting was sent to 149 members, 14 less than in 1991. Five were returned because of no forwarding addresses. They were for Michael Ferdig, Shing-Chien Hsu, Sara Marley, Ajay Rege and James Scott. The SWAP Constitution and a Membership Directory were included in the mailing.

Date of next year’s meeting, the 26th Annual Meeting, is April 15–17, 1993.

#### MEMBERSHIP REPORT

SWAP has 149 members on its rolls, of which 54 (36%) are paid up; 30 will be removed unless dues are paid by the end of the 1992 annual meeting. Geographic distribution of members is as follows:

##### U.S.A.

Texas	68	Colorado	2
Oklahoma	22	Iowa	2
Nebraska	13	North Carolina	2
New Mexico	10	Connecticut	1
Kansas	6	Florida	1
Wisconsin	5	Mississippi	1
Louisiana	4	New Jersey	1
Missouri	3	South Carolina	1
Arkansas	2	Tennessee	1

##### International

Canada	3
Iran	<u>1</u>
<b>Total</b>	<b>149</b>

## TREASURER'S REPORT

**Account With** Tulsa Teacher's Credit Union, 3720 East 31<sup>st</sup> Street, Tulsa, Oklahoma 74159

**Beginning Balance (3/31/91)**

Checking Account	\$2,641.07	
Savings Account	125.69	
University of Oklahoma Foundation	<u>1,007.86</u>	
<b>Total</b>		<b>\$3,774.62+</b>

**Income**

'91 Meeting Registration	\$2,620.00	
Dues	364.50	
T-Shirt Sales	298.00	
Interest/Dividends	150.23	
University of Oklahoma Foundation	<u>59.86</u>	
<b>Total</b>		<b>\$3,492.59+</b>

**Expenses**

Becker Award	\$50.00	
'91 Meeting Refund	80.50	
'91 Meeting Refreshments	206.96	
Printing	159.65	
Postage	221.81	
'91 Meeting Cost	<u>3,204.25</u>	
<b>Total</b>		<b>\$3,923.17-</b>

**Ending Balance (3/31/92)**

Checking Account	\$2,143.61	
Savings Account	132.71	
University of Oklahoma Foundation	<u>1,067.72</u>	
<b>Total</b>		<b>\$3,344.04*+</b>

(\*Student Fund from T-shirt Sales \$429.90)

Respectfully submitted,

David T. John  
Secretary-Treasurer  
April 3, 1992

1992 SWAP RESOLUTIONS

Whereas, a group of 69 bright, bubbly and even brilliant biologists, more specifically parasitologists, met for two glorious days in April of 1992 at the University of Oklahoma Biological Station to discuss, dissect and even disagree on issues related to worms, germs and apicomplexans, and

Whereas, this was the 25<sup>th</sup> Annual and, as usual, very successful meeting of the Southwestern Association of Parasitologists, and

Whereas, we enjoyed the 2<sup>nd</sup> Annual Wine and Cheese Reception, which we hope will be instituted always, and

Whereas, we gave special recognition to Charter SWAP members, Drs. J. Teague Self and Thomas Meade, and

Whereas, we enjoyed Loren and Linda Hill's excellent hospitality and the culinary achievements of the UOBS kitchen staff (aka, Angels of Kingston),

Be It Resolved: that the 25<sup>th</sup> Silver Anniversary Meeting of the Southwestern Association of Parasitologists is declared a glorious success.

Respectfully submitted,

John R. Bristol, Chairman

TWENTY-SIXTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      15-17 April 1993

PROGRAM

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**Friday, 16 April 1993**

- \* T.G. Boyce, E.S. Loker and D.D. Rizzor, The University of New Mexico, Albuquerque, NM, "The use of a geographic information system (GIS) to study the distribution of the schistosom-transmitting snails in Kenya."
  - \* A.A. Efting, University of Nebraska, Lincoln, NE, "A life history for gregarines of damselfly naiads *Enallagma civile* and *Ischnura verticalis*."
  - \* J.A. Hnida, The University of New Mexico, Albuquerque, NM, "Sampling scale effects on bimodal patterns of parasite prevalence."
  - \* L.J. Krebs, University of Nebraska, Lincoln, NE, "Variation in parasite population and assemblage structure of two congeneric host-species: *Notropis dorsalis* and *Notropis stramineus* (Cyprinidae)."
  - \* P.D. Olson, University of Nebraska, Lincoln, NE, "Comparison of the transmission of *Leptorhynchoides thecatus* through experimentally infected bass and green sunfish populations."
  - \* M.J. Patrick, P.G. Wilber and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The use of single point versus multiple capture estimates of parasite prevalence and diversity."
  - \* D.J. Richardson, University of Nebraska, Lincoln, NE, "Environment of *Leptorhynchoides thecatus* (Acanthocephala) in the green sunfish (*Lepomis cyanellus*)."
  - \* S.D. Snyder, University of Nebraska, Lincoln, NE, "Host specificity in two species of *Haemato-loechus*."
  - \* P.G. Wilber, B. Hanelt and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Temporal changes in the prevalence of eimerians in a free-living population of Townsend's ground squirrels (*Spermophilus townsendii*)."
  - \* W.D. Wilson and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "The prevalence of the rodent bot fly (*Cuterebra* sp.) on the Sevilleta National Wildlife Refuge."
  - \* L. Dionne and C. Chappell, Baylor University Medical Center, Houston, TX, "Soluble LAP from *Schistosoma mansoni* eggs: Initial characterization of epitopes using monoclonal antibodies."
- C.T. McAllister, S.J. Upton and S.E. Trauth, VA Medical Center, Dallas, TX, Kansas State University, Manhattan, KS, and Arkansas State University, State University, AR, "Using coccidians (Apicomplexa) to corroborate known phylogenetic relations of turtles."

\*Student Paper Competition

### Poster Presentations

- N.L. Hollebeke and L.F. Mayberry, University of Texas, El Paso, TX, "Taxonomic status of *Blastocystis* spp. (Protozoa: Sarcodina)."
- N.L. Hollebeke and L.F. Mayberry, University of Texas, El Paso, TX, "Mitochondrial activity in *Blastocystis hominis*."
- D.T. John and M.J. Howard, Oklahoma State University, Stillwater, OK, "*Naegleria fowleri* virulence affected by axenic cultivation and mouse passage."
- M.J. Howard and D.T. John, Oklahoma State University, Stillwater, OK, "Isolation of disease-causing amoebae from ponds in Oklahoma."
- P.A. Morawiecki, L.F. Mayberry and J.R. Bristol, University of Texas, El Paso, TX, "Enteric mastocytosis in self-curing vs. non-self-curing mice infected with *Nippostrongylus brasiliensis*."
- M.A. Silva and L.F. Mayberry, University of Texas, El Paso, TX, "Free radical production during infection with *Nippostrongylus brasiliensis* and/or *Eimeria nieschulzi*."
- A.S. Bowman, J.W. Dillwith and J. R. Sauer, Oklahoma State University, Stillwater, OK, "Tick salivary prostaglandins: Their precursors and biosynthesis in the lone star tick, *Amblyomma americanum*."
- C.L. Gengler, J.R. Sauer, R.C. Essenberg and J.W. Dillwith, Oklahoma State University, Stillwater, OK, "Evidence for an orally secreted PLA<sub>2</sub> in the lone star tick."

### Saturday, 17 April 1993

- H. Alizadeh, Y.G. He, D. Ma, M. Via, J. Mellon, M. Pidhemey, R. Silvany, G.L. Stewart, J.P. McCulley and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas and University of Texas, Arlington, TX, "Ocular immunity to *Acanthamoeba* keratitis in the pig."
- L. Couch, D.W. Duszynski and E. Nevo, The University of New Mexico, Albuquerque, NM, and University of Haifa, Israel, "Coccidia, genetic diversity, and environmental unpredictability in *Spalax ehrenbergi* (mole-rats) of Israel."
- R.E. Clopton, University of Nebraska, Lincoln, NE, "A synthesis of specificity in the gregarine assemblage parasitizing *Tenebrio molitor*."
- G. DeGaffe and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Mechanisms of parasite-induced immunosuppression in an invertebrate host."
- J.Y. Niederkorn, M.S. Pidhemey, H. Alizadeh and G.L. Stewart, University of Texas Southwestern Medical Center, Dallas, and University of Texas, Arlington, TX, "*In vitro* and *in vivo* tumoricidal activity of *Acanthamoeba castellanii*."
- J.D. Swim and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "Internal parasites of *Etheostoma lepidum* and the endangered *Etheostoma fonticola* from the Comal River, Texas."
- T. Newman and C. Chappell, Baylor University Medical Center, Houston, TX, "Serodiagnosis of *Schistosoma mansoni* infection using an adult worm cysteine proteinase."

**MINUTES OF THE 26<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by E.S. Loker, Secretary–Treasurer**

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**Minutes of the 26<sup>th</sup> Business Meeting Southwestern Association of Parasitologists**

The 26<sup>th</sup> Business Meeting was called to order by President Cynthia Chappell at 7:06 p.m., 16 April 1993, in the Library of the University of Oklahoma Biological Station.

**Reports**

Minutes of the 25<sup>th</sup> Business Meeting, prepared by last year's Secretary–Treasurer David John, were presented and approved.

The Secretary's Report was presented by the newly-elected Secretary–Treasurer, Sam Loker. The mailing for the 1993 annual meeting was sent to 137 members, 12 less than in 1992. Texas had the most members with 56, followed by Oklahoma with 21, Nebraska with 15, New Mexico with 10, and Kansas with 5. Seventeen other states had 1–4 members each. International members included 3 from Canada and one from Iran. The SWAP Membership Directory was included with the mailing. Copies of the Constitution were made available at the Business Meeting.

The Treasurer's Report was presented by Sam Loker. A balance of \$3,287.42 was available on 31 March 1993, for our account held at the Sunwest Bank, Albuquerque. Additionally, a balance of \$1,133.81 was present in the David A. Becker endowment fund held at the University of Oklahoma Foundation Account.

The report of the Auditing Committee, consisting of Todd Doig and Lillian Mayberry, was presented. It indicated that SWAP financial records had been examined and were found to be in order. A motion to approve the Auditor's committee report was made, seconded and passed by the membership.

President Chappell presented Dr. Loren Hill a sweatshirt denoting honorary life membership to SWAP for Dr. Hill. Dr. Hill then made a few comments which included mention of his intention to increase the amount of the David A. Becker endowment, presently held at the University of Oklahoma Foundation, to \$5,000.

President-Elect Dr. David John then presented the outstanding student presentation awards, as follows:

The David A. Becker Award - Scott D. Snyder, University of Nebraska-Lincoln, for a presentation entitled, "Host specificity in two species of *Haematoloechus*."

The Marc H. Dresden Award - Peter D. Olson, University of Nebraska-Lincoln, for a presentation entitled, "Comparison of the transmission of *Leptorhynchoides thecatus* through experimentally infected bass and green sunfish populations."

In place of Dr. Danny Pence, our elected representative to the American Society of Parasitologists' council meetings, Dr. Jack Bristol informed the membership of the ASP Council's recent actions.

Among the items mentioned by Dr. Bristol was a new ASP policy to make available the amount of \$500 per annum to the affiliate societies for bringing in keynote speakers to their respective meetings.

Also, three new ASP awards were mentioned: a distinguished service award, an eminent parasitologist award, and a mentorship award.

An ASP by-law change has occurred such that the ASP Newsletter Editor and Program Officers are now recognized as voting members of Council.

The location for ASP meetings for the coming years is as follows:

1993 - Oct. 30 - 3 Nov., Atlanta, Georgia (joint meeting with the American Society of Tropical Medicine and Hygiene)

1994 - Ft. Collins

1995 - Pittsburgh, Pa. (joint meeting with the Veterinary Parasitologists)

1996 - Tucson, AZ. (joint meeting with the American Society of Protozoologists)

Present officers for ASP are as follows: President - Dr. K. Darwin Murrell; Vice President - Dr. Gerald W. Esch; President-Elect: Dr. J. Ralph Lichtenfels; Secretary-Treasurer - Dr. Lillian F. Mayberry; Editor: Dr. Brent B. Nickol; Program Officer - Dr. Donald W. Duszynski.

The 1992 ASP auction raised \$4,200 for the Student Travel Fund.

The net worth of the American Society of Parasitologists is \$581,000.

A motion to accept Dr. Bristol's report was made, seconded, and passed unanimously.

Dr. Donald Duszynski then gave the Teller's Report. A total of 43 valid ballots were cast. The results were as follows:

President - Dr. David John

President Elect - Dr. Jerry Niederkorn

Representative to Council - Ms. Lynn Hertel

Secretary-Treasurer - Sam Loker (elected in previous year)

### **Old Business**

There was none.

### **New Business**

Dr. John Janovy discussed his teaching of "The Zoology of Parasitology," which is to be taught at the UOBS for the first time in the summer of 1993. He made an appeal to encourage our students to sign up for the course.

Dr. Duszynski, program chairperson of the annual ASP meeting, then briefed the membership regarding the meeting coming up in Atlanta. He indicated that about 800-1,000 papers were expected and stressed that it would be the first truly joint meeting with the American Society of Tropical Medicine and Hygiene. He mentioned that attempts were being made to keep room and registration expenses low for students and that the banquet would be held at the Carter Center. He mentioned that a joint presidential symposium would be held, that the ASP auction would again be held, and that abstracts would have to be submitted on computer diskette.

Dr. Michael Kemp reported on the Federation of Societies of Parasitologists comprised of 10 professional parasitology societies. The federation will eventually have 10,000 members. He mentioned that networking among these societies was extensive and that legislative bills pertaining to tropical medicine can be efficiently supported through the federation. The topics of biodiversity is being actively supported by the federation, a development that could be helpful to some SWAP members.

A suggestion was made by Dr. George Stewart that we apply for funds from ASP to invite a keynote speaker. Dr. Stewart suggested that incoming SWAP President David John look into this.

There was some discussion about the need to make a new evaluation form available to the students for judging student presentations.

Acting on behalf of the membership, Sam Loker presented a Certificate of Appreciation to President Chappell.

President Chappell passed the SWAP gavel to President-Elect John, who declared the 26<sup>th</sup> Business Meeting adjourned.

Respectfully submitted,

Eric Samuel Loker  
Secretary-Treasurer  
15 April 1994



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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 26<sup>TH</sup> ANNUAL SWAP MEETING**

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**SWAP 1993 ANNUAL MEETING**

**SECRETARY’S REPORT**

Minutes of the 1992 annual meeting, prepared by David John, were distributed.

The mailing for the 1993 annual meeting was sent to 137 members, 12 less than in 1992. Four were returned because of no forwarding address. They were for Catherine Leadabrand, Scott Monks, Cynthia Salgado, and Becky Spawn. The SWAP Membership Directory was included in the mailing.

The date of next year’s meeting, the 27<sup>th</sup> Annual Meeting, is April 14-16, 1994.

**MEMBERSHIP REPORT**

SWAP has 137 members on its rolls, of which 52 (38%) are paid up as of just prior to the annual meeting; 33 will be removed unless dues are paid by the end of the 1993 annual meeting. Geographic distribution of members is as follows:

**U.S.A.**

Texas	56	Indiana	1
Oklahoma	21	Washington	1
Nebraska	15	Iowa	1
New Mexico	10	Connecticut	1
Kansas	5	Florida	1
Wisconsin	4	Mississippi	1
Louisiana	3	New Jersey	1
Missouri	2	South Carolina	1
Arkansas	2	Tennessee	1
Colorado	2	Nevada	1
North Carolina	2	Michigan	1

**International**

Canada	3
Iran	1

**TOTAL**                    **137**

## TREASURER'S REPORT

**Account With:** Sunwest Bank  
P. O. Box 25500  
Albuquerque, New Mexico 87125-0500

**Beginning Balance (3/31/92):**

Checking Account	\$2,143.61	
Savings Account	132.71	
University of Oklahoma Foundation	<u>1,067.72</u>	
<b>Total</b>		<b>\$3,344.04+</b>

**Income:**

'92 Meeting Registration	\$4,116.50	
'90 Meeting Profits	315.00	
Dues	332.00	
T-shirt sales	308.00	
Interest/Dividends	84.79	
University of Oklahoma Foundation	<u>66.09</u>	
<b>Total</b>		<b>\$5,222.38+</b>

**Expenses:**

Becker Award	\$50.00	
ASP-Dresden Award	30.00	
Michael Patrick T-shirt design	50.00	
'92 Meeting Refreshments	256.42	
'92 Meeting Cost	3,101.00	
Mailing	35.27	
New T-shirt expenses	<u>622.50</u>	
<b>Total</b>		<b>\$4,145.19-</b>

**Ending Balance (3/31/93):**

Checking Account	\$3,287.42	
University of Oklahoma Foundation	<u>1,133.81</u>	
<b>Total</b>		<b>\$4,421.23* +</b>

(\* Student Fund from T-shirts)                      \$737.90)

Respectfully submitted,

Eric S. Loker  
Secretary-Treasurer  
13 April 1993

TWENTY-SEVENTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      14-16 April 1994

PROGRAM

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**Friday, 15 April 1994**

- C. Chappell, C. Sterling, J. Rose, W. Jakubowski and H. DuPont, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium parvum*: The human model of infection."
- \* N. Siytangco-Johnson, P. Nguyen, J. Jackson, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium parvum* oocyst shedding patterns in the human model of infection."
- \* J. Jackson and N. Johnson, University of Texas School of Public Health, Houston, TX, "Serum antibody response in volunteers challenged with *Cryptosporidium parvum*."
- \* B. Salameh, P. Okhuysen; University of Texas School of Public Health, Houston, TX, "The fecal IGA response to *Cryptosporidium parvum* in challenged volunteers."
- P.C. Okhuysen, The University of Texas School of Public Health, Houston, TX, "Arginine aminopeptidase, an integral membrane protein of *C. parvum* sporozoites."
- S.J. Upton, M. Tilley, M.V. Nesterenko, Kansas State University, Manhattan, KS, "Development of a simple and reliable method for studying *Cryptosporidium parvum in vitro*."
- \* D.J. Richardson, University of Nebraska, Lincoln, NE, "The genus *Centrorhynchus* in North America."
- \* M.A. Barger, University of Nebraska, Lincoln, NE, "Life cycle and host specificity of *Rhabdochona canadensis*."
- \* Student Paper Competition

**Poster Presentations**

- A.P. Wasp and H. P. Brown, University of Oklahoma, Norman, OK, "Parasitoid upon parasite: The neuropteran insect (*Climacia*) that parasitizes freshwater sponges is victim to *Sisyridivora*."
- R.D. McKown, D.S. Lindsay, S.J. Upton, C.T. McAllister, Texas A&M University, College Station, TX, Auburn University, Auburn, AL, Kansas State University, Manhattan, KS, and VA Medical Center, Dallas, TX, "*Sarcocystis dasypi*-like (Apicomplexa) organisms in tongues of nine-branded armadillos, *Dasyus novemcinctus* (Mammalia: Xenarthra), in the United States."
- N. Khramtsov, M. Tilley, B. Montelo, D. Blunt and S.J. Upton, Kansas State University, Manhattan, KS, "Cloning and characterization of the acetyl-coenzyme a synthetase gene of *Cryptosporidium parvum*."
- M. Nesterenko, M. Tilley and S.J. Upton, Kansas State University, Manhattan, KS, "Isolation of membrane fractions from sporozoites of *Cryptosporidium parvum*."

- C.M. Wayne and L.F. Mayberry, University of Texas, El Paso, TX, "Absence of *Rhabdospora thelohani*-like cells in *Catostomus commersoni* fry suggest that the cell is an apicomplexan parasite."
- S.J. Upton, G.R. Gardner, M. Stephenson and R.J. Cawthorn, Kansas State University, Manhattan, KS, U.S. EPA, Narragansett, RI, California Department of Fish and Game, Moss Landing, CA, and University of Prince Edward Island, Prince Edward Island, Canada, "A new species of *Pseudoklossia* from the renal tissue of the California black abalone *Haliotis cracherodii*."
- M.J. Howard and D.T. John, Oklahoma State University, Stillwater, OK, "Pathogenic leptomyxid amoebae from the environment."
- H. Alizadeh, MS. Pidherney, J.P. McCulley and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "Apoptosis as a mechanism of cytolysis of tumor cells by a pathogenic free-living amoebae."
- D.T. John and M.J. Howard; Oklahoma State University, Stillwater, OK, "Survey of pathogenic amoebae in the environment."
- M.G. Castillo and L.F. Mayberry, University of Texas, El Paso, TX, "Cholera toxin affect on intestinal fluid secretion in rats infected with *Nippostrongylus brasiliensis*."
- A.W. Kalled and L.F. Mayberry, University of Texas, El Paso, TX, "Serial transfer of *Nippostrongylus brasiliensis* in C3H and putative Balb/c mice."
- E. Haehling, J.Y. Niederkorn and G.L. Stewart, University of Texas, Arlington, and University of Texas Southwestern Medical Center, Dallas, TX, "*Trichinella* induces collagen synthesis by host fibroblasts *in vivo* and *in vitro*."
- K. Alford and G.L. Stewart, University of Texas, Arlington, TX, "Down-regulation in host response to *Trichinella pseudospiralis* infection in pregnant and lactating mice."
- A. Feldman, J. Montgomery, E. Haehling, D.D. Despommier and G.L. Stewart, University of Texas, Arlington, TX, and Columbia University, New York, NY, "An apparatus for isolation of large quantities of *Trichinella spiralis* nurse cells."

#### Saturday, 16 April 1994

- C.M. Adema, D.F. Arguello II, S.A. Stricker and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Trematode-mediated interference towards snail hemocytes."
- W.E. Moser and S.S. Desser, University of Toronto, Toronto, Canada, "Morphological, histochemical, and ultrastructural characterization of the salivary glands and proboscis of three species of glossiphoniid leeches (Clitellata: Rhynchobdellida).
- S.D. Snyder, University of Nebraska, Lincoln, NE, "Behavioral basis of host-specificity among species of *Haematoloechus*."
- C.T. McAllister, B.L.J. Delvinquier and S.E. Trauth, VA Medical Center, Dallas, TX, University of Witwatersrand, Johannesburg, South Africa, and Arkansas State University, State University, AR, "Ultrastructure of *Myxidium serotinum* (Protozoa: Myxozoa) from the gallbladder of a Texas toad, *Bufo speciosus* (Amphibia: Anura)."

R.D. McKown and R.L. Rausch, Texas A&M University, College Station, TX, and University of Washington, Seattle, WA, "A new *Choanotaenia* sp. (Cestoda: Dilepididae) from a domestic house cat in Kansas."

**MINUTES OF THE 27<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by E.S. Loker, Secretary–Treasurer**

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**Minutes of the 27<sup>th</sup> Business Meeting  
Southwestern Association of Parasitologists**

The 27<sup>th</sup> Business Meeting was called to order by President David T. John at 7:10 p.m, 15 April 1994, in the Library of the University of Oklahoma Biological Station. Reports

Minutes of the 26<sup>th</sup> Business Meeting, prepared by Secretary–Treasurer Sam Loker, were presented and approved.

The Secretary's Report was presented by Secretary–Treasurer, Sam Loker. The mailing for the 1993 annual meeting was sent to 134 members, 3 less than in 1993. Texas had the most members with 55 followed by Oklahoma with 20, Nebraska with 16, New Mexico with 12, and Kansas with 5. Seventeen other states had 1–4 members each. International members included 2 from Canada. The SWAP Membership Directory was included with the mailing. Copies of the Constitution were made available at the Business Meeting.

The Treasurer's Report was presented by Sam Loker. A balance of \$3,594.74 was available on 31 March 1994, for our account held at the Sunwest Bank, Albuquerque. Additionally, a balance of \$5,018.96 was present in the David A. Becker endowment fund held at the University of Oklahoma Foundation Account. This sum is significantly higher than last year, reflecting a generous supplemental endowment to the foundation provided by Dr. Loren Hill. Dr. Hill's intention is to keep the principal in the account at a sum in excess of \$5,000 so that each year's interest payments would fully fund both the Becker and Dresden student awards. Dr. Hill also generously contributed \$80.00 to fund the winners of the 1994 student awards to insure that the principal in the endowment remained above \$5,000.

The report of the Auditing Committee, consisting of Steve Upton and Maria Castillo, was presented. It indicated that SWAP financial records had been examined and were found to be in order. A motion to approve the Auditor's committee report was made, seconded and passed by the membership.

President–Elect Dr. Jerry Niederkorn then presented the outstanding student presentation awards, as follows:

The David A. Becker Award - B. Salameh, University of Texas School of Public Health, for a presentation entitled, "The fecal IgA response to *Cryptosporidium parvum*."

The Marc H. Dresden Award - M. A. Barger, University of Nebraska-Lincoln, for a presentation entitled, "Life cycle and host specificity of *Rhabdochona canadensis*."

Our elected representative to the American Society of Parasitologists' council meetings, Ms. Lynn A. Hertel, informed the membership of the ASP Council's recent actions.

Among the items mentioned by Ms. Hertel was the net worth of ASP which was estimated at over \$525,000.

Also, Council approved a motion for ASP to join the Federation of Societies for Parasitology. Benefits would include improved public relations, better communication between societies, and more voice in developing policies such as animal care and use.

The motion to limit ASP student travel grants to ASP members was rejected. These travel awards are to be renamed the "Marc Dresden Student Travel Grants."

An ASP by-law change has occurred such that the ASP Newsletter Editor and Program Officers are now recognized as voting members of Council.

The location for ASP meetings for the coming years is as follows:

- 1995 - Pittsburgh, Pa.
- 1996 - Tucson, AZ (joint meeting with the American Society of Protozoologists)
- 1997 - Vanderbilt University
- 1998 - Cleveland State University
- 1999 - University of California, San Francisco
- 2000 - San Juan, Puerto Rico (jointly with the American Society of Protozoologists)

A motion was passed to approve the Clark Read New Investigator Award, presented to a new investigator for research accomplishments.

A motion was passed to approve the ASP Distinguished Service Award for a member who has distinguished him/herself through service to the society.

A motion was passed to elect a voting student member to ASP Council.

Present Officers for ASP are as follows: President - Dr. J. Ralph Lichtenfels; Vice President - Dr. Lillian F. Mayberry ; President-Elect - Dr. Sherwin S. Desser; Secretary-Treasurer - Dr. Daniel R. Brooks; Editor - Dr. Gerald W. Esch; Program Officer - Dr. Donald W. Duszynski

Dr. Coen Adema then gave the Teller's Report. This year's chairman of the Nominating Committee was Dr. Glen Dappen. A total of 29 valid ballots were cast. The results were as follows:

- President - Dr. Jerry Niederkorn
- President-Elect - Ms. Lee Couch
- Representative to Council - Ms. Lynn Hertel
- Secretary-Treasurer - Dr. Sam Loker (elected in 1992)

### **Old Business**

The subject of the evaluation form used by students to judge papers entered in the student paper competition was again raised. A decision was made to have the students present at the meeting meet after the meeting to decide on whether they would use the old form, or if they preferred a new form prepared by Dr. Loker with input from students. (The students met immediately after the business meeting was concluded and agreed to use the new form.)

### **New Business**

Dr. Loren Hill was to have been present to inform us of the summer courses offered at the University of Oklahoma Biological Station. Although he was not present at this time, he did inform us later at our informal social gathering of the course offerings for the summer. It was noted that parasitology was not offered in 1993 because insufficient numbers of students signed up for the course. Dr. Hill expressed his enthusiasm for trying to teach parasitology in a future summer.

Dr. Duszynski, program chairperson of the annual ASP meeting, then briefed the membership regarding the meeting coming up in Ft. Collins, Colorado, from 9-13 August 1994. He indicated that rooms would be made available both at a Holiday Inn near campus and in student dormitories. He mentioned that attempts were being made to keep room and registration expenses low for students. April 22<sup>nd</sup> is the deadline for receipt of abstracts which can be submitted on computer diskettes. Several workshops will be presented at the meeting and the time and location of the meeting should encourage a good turnout.

President John brought up the issue of ASP-sponsored keynote speakers for SWAP and explained his reasons for deciding not to invite an outside speaker. He was of the opinion that bringing in an outside speaker would make the meeting seem more like a national meeting and would work against the student-oriented atmosphere that SWAP has cultivated over the years. He invited comments regarding this issue from the membership. Others supported the idea of bringing in outside speakers and a decision was made by the membership that we should retain flexibility on this issue. Basically it was decided that it would be up to the president-elect, the person in charge of preparing the program for the annual meeting, to make a decision regarding this point.

Acting on behalf of the membership, Sam Loker presented a Certificate of Appreciation to President John.

Dr. Lillian Mayberry presented the Resolutions Committee report.

President John passed the SWAP gavel to President-Elect Niederkorn, who declared the 27<sup>th</sup> Business Meeting adjourned at 8:02 p.m.

Respectfully submitted,

Eric Samuel Loker,  
Secretary-Treasurer,  
21 April 1995



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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 27<sup>TH</sup> ANNUAL SWAP MEETING**

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SWAP 1994 ANNUAL MEETING

**SECRETARY’S REPORT**

Minutes of the 1993 annual meeting, prepared by Sam Loker, were distributed.

The mailing for the 1994 annual meeting was sent to 134 members, 3 less than in 1993. Three were returned because of no forwarding address. They were for Catherine Leadabrand, Scott Monks, and Becky Spawn. The SWAP Membership Directory was included in the mailing.

The date of next year’s meeting, 28<sup>th</sup> Annual Meeting, is April 20–22, 1995.

**MEMBERSHIP REPORT**

SWAP has 134 members on its rolls, of which 47 (35%) are paid up as of just prior to the annual meeting; 17 will be removed unless dues are paid by the end of the 1994 annual meeting. Geographic distribution of members is as follows:

**U.S.A.**

Texas	55	Indiana	1
Oklahoma	20	Washington	1
Nebraska	16	Iowa	1
New Mexico	12	Connecticut	1
Kansas	5	Florida	1
Wisconsin	2	Mississippi	1
Louisiana	3	New Jersey	1
Missouri	2	South Carolina	1
Arkansas	2	Tennessee	1
Colorado	2	Nevada	1
North Carolina	2	Michigan	1

**International**

Canada	2
<b>TOTAL</b>	<b>134</b>

## TREASURER'S REPORT

**Account With:** Sunwest Bank  
P. O. Box 25500  
Albuquerque, New Mexico 87125-0500

**Beginning Balance (3/31/93):**

Checking Account	\$3,287.42	
University of Oklahoma Foundation	<u>1,133.81</u>	
<b>Total</b>		<b>\$4,421.23+</b>

**Income:**

'93 Meeting Registration	\$4,284.00	
Dues	306.00	
T-shirt sales	622.00	
Interest/Dividends	111.66	
University of Oklahoma Foundation*	<u>3,885.15</u>	
<b>Total</b>		<b>\$9,208.81+</b>

**Expenses:**

Returned Checks	\$87.75	
Becker Award	50.00	
ASP-Dresden Award	30.00	
Mailing Costs	269.67	
'92 Meeting Refreshments	239.37	
'92 Meeting Cost	3,534.00	
Printing for 1993 Meeting	261.41	
New T-shirt expenses	<u>544.14</u>	
<b>Total</b>		<b>\$5,016.34-</b>

**Ending Balance (3/31/94):**

Checking Account	\$3,594.74	
University of Oklahoma Foundation	<u>5,018.96</u>	
<b>Total</b>		<b>\$8,613.70+</b>

(\* This sum reflects a recent generous supplemental endowment to the foundation fund by Dr. Loren Hill)

Respectfully submitted,  
Eric S. Loker  
Secretary-Treasurer  
13 April 1994

**1994 SWAP RESOLUTIONS**

Be it known to all that:

Whereas, we the participants in the 27<sup>th</sup> annual meeting of the Southwestern Association of Parasitologists extend sincere appreciation once again to Loren and Linda Hill for their hospitality, to the University of Oklahoma for maintaining the Biological Station for our benefit and pleasure, and to the cooks, one and all, for their excellent meals of “hips in the larval stage,” and

Whereas, our grateful appreciation is extended to Loren Hill for fulfilling the establishment of the Becker Endowment and to SWAP Program Chair, Jerry Niederkorn, for organizing this year’s excellent meetings as well as the presenters of intellectually stimulating papers and posters, and

Whereas, to the current President of SWAP, David John, for carrying on the work of the much appreciated tradition of the Presidential Wine and Cheese Reception, established by past President George Stewart, and to the other SWAP officers, Sam Loker and Lynn Hertel, for so ably carrying out their duties,

Be It Resolved: that the 27<sup>th</sup> Annual Meeting of the Southwestern Association of parasitologists is declared an unmitigated, unambiguous, and unchallenged success.

Respectfully submitted  
John R. Bristol, Chairman

TWENTY-EIGHTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      20-22 April 1995

PROGRAM

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**Friday, 21 April 1995**

- \* J. Montgomery and G.L. Stewart, University of Texas, Arlington, TX, "Longevity and nutrient acquisition in isolated nurse cells of *Trichinella spiralis*."
  - \* J.S. Mathew, S.A. Ewing, K.M. Kocan, G.L. Murphy, J.C. Fox, R.E. Corstvet and E.F. Blouin, Oklahoma State University, Stillwater, OK, and Louisiana State University, Baton Rouge, LA, "Unidentified inclusions resembling *Ehrlichia platys* in dog platelets."
  - \* K.E. Richardson, University of Nebraska, Lincoln, NE, "Emigration of *Leptorhynchoides thecatus* in green sunfish (*Lepomis cyanellus*).
  - C. Chappell, P. Okhuysen and R. DuPont, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium* infectivity and excretion patterns in IgG-negative volunteers."
  - \* H. Dang, P. Nguyen, P. Okhuysen, H. DuPont and C. Chappell, University of Texas School of Public Health, Houston, TX, "Serum antibody response in volunteers challenged with *Cryptosporidium parvum*."
  - B. Salameh, P. Okhuysen and C. Chappell, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium parvum*-specific sIgA response in challenged volunteers."
  - P. Okhuysen, S. Chrakavarthy, C. Chappell and C. Kettner, University of Texas School of Public Health, Houston, TX, and DuPont/Merck, Inc., Wilmington, DE, "Alpha-aminoboronic acid, an inhibitor of *C. parvum* aminopeptidase (AP) prevents *in vitro* excystation."
  - \* K. Alford, D.L. Obendorf, T.M. Fredeking, E. Haehling and G.L. Stewart, University of Texas, Arlington, TX, Animal Health Laboratory, Tasmania, Australia, and Antibody Systems, Inc., Bedford, TX, "Immune response in mice infected with a Tasmanian devil isolate *Trichinella pseudospiralis*."
  - \* S.V. Brant and S.L. Gardner, University of Nebraska, Lincoln, NE, "Systematics of the genus *Litomosoides*—Host–parasite coevolution or parasite transfer?"
  - \* D.J. Richardson, University of Nebraska, Lincoln, NE, "Experimental manipulation of physiological factors which may influence preferential site selection of *Leptorhynchoides thecatus* (Acanthocephala) in green sunfish (*Lepomis cyanellus*)."
- Guest Presentation**    J.K. Moore, Colorado State University, Ft. Collins, CO, "Altered behavior in parasitized animals."
- \* S.M. Martin, N.O. Dronen and W.E. Grant, Texas A&M University, College Station, TX, "Simulation of the population dynamics of *Haematoloechus coloradensis* (Digenea: Haematolochidae) in its three host species: Effects of the abundance of the molluscan intermediate host."

- \* J.K. Martens, University of Nebraska, Lincoln, NE, "Fate of *Leptorhynchoides thecatus* comprising secondary infection in green sunfish, *Lepomis cyanellus*."
- \* C.K. Blend and N.O. Dronen, Texas A&M University, College Station, TX, "Digenetic trematodes from deep-sea macrourid fishes from the Gulf of Mexico including a new opecoelid and fellodistomid."
- C.T. McCallister, S.R. Goldberg and C.R. Bursey, Cedar Valley College, Lancaster, TX, Whittier College, Whittier, CA, and Pennsylvania State University, Shenango Valley Campus, Sharon, PA, "Ecology of heiminth parasites in nine species of lizards of the genus *Sceloporus* (Sauria: Phrynomatidae), from Texas."
- R.E. Clopton, Texas A&M University, College Station, TX, "Realized niche structure and autecological community structuring mechanisms in the gregarine assemblage parasitizing *Tenebrio molitor*."

### Poster Presentations

- H. Alizadeh, W. Taylor, J.P. McCulley, G.L. Stewart, E. Haehling, F. van Klink and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, University of Texas, Arlington, TX, and University Hospital Leiden, Leiden, The Netherlands, "Successful immunization against *Acanthamoeba keratidis* in a Chinese hamster model."
- R. Flores, S. Das and T. Thomas, University of Texas, El Paso, TX, "Evidence of PI-PLC/GPI-PLC in *Giardia lamblia*."
- D.T. John and C.V. McCutchen, Oklahoma State University, Stillwater, and Oral Roberts University School of Medicine, Tulsa, OK, "Cholesterol affecting the growth and virulence of *Naegleria fowleri*."

### \* Student Paper Competition

### Saturday, 22 April 1995

- C.T. McCallister and C.R. Bursey, Cedar Valley College, Lancaster, TX, and Pennsylvania State University, Shenango Valley Campus, Sharon, PA, "Helminths of the ground snake, *Sonora semiannulata* (Reptilia: Colubridae), from New Mexico and Texas."
- S.J. Upton, Kansas State University, Manhattan, KS, "Development, infection dynamics, and use of ICR outbred suckling mouse model of cryptosporidiosis."
- K.M. Woods, M.V. Nesterenko and S.J. Upton, Kansas State University, Manhattan, KS, "Development of a 96-well microliter ELISA to quantitative growth of *Cryptosporidium parvum* *in vitro*."
- J.L. Dietz, University of Nebraska, Lincoln, NE, "The role of the tenebrionid beetle, *Eleodes* species, in the life cycle of *Mediorhynchus grandis* (Acanthocephala)."
- K. Snowden, J.L. Buback, K.S. Schultz and M.A. Walker, Texas A& M University, College Station, TX, "Antemortem diagnosis and treatment of neurocysticercosis in a dog."

**MINUTES OF THE 28<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by E.S. Loker, Secretary–Treasurer**

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**Minutes of the 28th Business Meeting  
Southwestern Association of Parasitologists**

The 28th Business Meeting was called to order by President Jerry Niederkorn at 7:05 p.m., 21 April, 1995, in the Library of the University of Oklahoma Biological Station.

**Reports**

Minutes of the 27th Business Meeting, prepared by Secretary–Treasurer Sam Loker, were presented and approved.

The Secretary's Report was presented by Secretary–Treasurer, Sam Loker. The mailing for the 1995 annual meeting was sent to 141 members, 7 more than in 1994. Texas had the most members with 65 followed by Oklahoma with 20, Nebraska with 16, New Mexico with 12, and Kansas with 4. Fifteen other states had 1–3 members each. International members included 2 from Canada and 1 from Iran. The SWAP Membership Directory was included with the mailing. Copies of the Constitution were made available at the Business Meeting.

The Treasurer's Report was presented by Sam Loker. A balance of \$3,777.81 was available on 18 April 1995, for our account held at the Sunwest Bank, Albuquerque. Additionally, a balance of \$5,418.39 was present in the David A. Becker endowment fund held at the University of Oklahoma Foundation Account. This latter sum is significantly higher than last year, reflecting a generous supplemental endowment to the foundation provided by Dr. Loren Hill.

The report of the Auditing Committee, consisting of Steve Upton and Dennis Richardson, was presented. It indicated that SWAP financial records had been examined and were found to be in order. A motion to approve the Auditor's committee report was made, seconded and passed by the membership.

President Dr. Jerry Niederkorn received the results of student balloting from Mr. B. Salameh and then presented the outstanding student presentation awards, as follows:

The David A. Becker Award - Dennis J. Richardson, School of Biological Sciences, University of Nebraska, for a presentation entitled, "Experimental manipulation of physiological factors which may influence preferential site selection of *Leptorhynchoides thecatus* (Acanthocephala) in green sunfish (*Leomis cvanellus*)."

The Marc H. Dresden Award - Joe Montgomery, University of Texas at Arlington, for a presentation entitled, "Longevity and nutrient acquisition in isolated nurse cells of *Trichinella spiralis*."

President Niederkorn also presented Dr. Don Duszynski with a T-shirt indicating the latter's superior point total in the mythical "nude bowling contest."

Our elected representative to the American Society of Parasitologists' council meetings, Ms. Lynn A. Hertel, informed the membership of the ASP Council's recent actions from the Ft. Collins meeting. Here are some of the highlights of that report:

Among the items mentioned by Ms. Hertel was the net worth of ASP which was estimated at over \$540,000.

Present Officers for ASP are as follows: President: Dr. Sherwin S. Desser; President–Elect - Dr. Lillian F. Mayberry ; Vice President - Dr. Robert Grieve; Secretary–Treasurer - Dr. Daniel R. Brooks; Editor: Dr. Gerald W. Esch; Program Officer - Dr. Donald W. Duszynski.

Email access to the Secretary–Treasurer’s office was implemented.

A 7% reduction in production charges for the *Journal of Parasitology* was given the Society. The format of the *Journal* was changed allowing the further reduction in cost for 1996.

Allen Press will print a revised ASP directory that will include email addresses. The renewal form should include a space for members to write their email addresses.

VISA and MASTERCARD payment of dues will be implemented.

Student Awards Committee: A new format for the competing papers was implemented at the 1994 meeting. Competing were integrated into the Scientific Program and placed in sessions based on sub-discipline.

Marc Dresden Student Travel Award: Last year there were 32 applications for the ASP travel grants, of which 20 were funded. Only one winner of a student paper competition from an Affiliate Society submitted an application for a travel award from ASP. It should be emphasized that students that have won regional paper competitions need to be encouraged to apply for ASP travel funds because winners of the regional competitions are guaranteed travel support. They do, however, need to apply.

This topic sparked a discussion among SWAP membership as to how to facilitate the process whereby our student paper winners receive ASP travel grants. As our annual meeting date is typically after the ASP deadline, our award winners are at a disadvantage. The membership instructed our representative to request from council that our award winners from one year be guaranteed a travel grant the following year. If this approach does not work, then we agreed to request Council to set aside two such travel grants each year to accommodate our student award winners.

A motion was passed to provide each Affiliate Society with \$250 per year. A written request must be submitted by the affiliate society detailing the intended use for the funds. The affiliate society must also acknowledge ASP for providing the funds.

Sites of upcoming ASP meetings are:

- 1995 Pittsburgh, Pennsylvania July 6-10 (Joint meeting AAVP)
- 1996 Tuscon, Arizona June (Joint meeting Society of Protozoologists)
- 1997 Nashville, Tennessee
- 1998 Cleveland, Ohio
- 1999 San Francisco, California (Joint meeting Society of Nematologists)
- 2000 San Juan, Puerto Rico (Joint meeting Society of Protozoologists)

President–Elect Lee Couch then gave the Teller’s Report. This year’s chairman of the Nominating Committee was Dr. John Janovy. A total of 35 valid ballots were cast. The results were as follows:

- President - Ms. Lee Couch
- President–Elect - Dr. Steve Upton
- Representative to Council - Ms. Lynn Hertel
- Secretary–Treasurer - Dr. John Janovy

## **Old Business**

There was none.

## **New Business**

A motion was presented, seconded and passed by the membership to provide in our annual mailing a short biographical sketch of Dr. David Becker and Dr. Marc Dresden. The purpose of this information is to inform new members of the SWAP, particularly students, about the individuals for whom student awards are named. This will help students better relate to these individuals who played an important role in our Society's history.

A motion was presented by Dr. Mayberry, and was seconded and passed to allow a member to provide an informal oral history about either Dr. Dresden or Dr. Becker at the time these awards are presented at the business meeting, if they so desire.

Dr. John Ubelaker announced the impending retirement of one of SWAP's charter members, Dr. Franklin Sogandares-Bernal, and requested letters from the membership that could be presented to Dr. Sogandares at his retirement party.

Dr. Norm Dronen requested that SWAP members supply their email addresses so they can be added to the membership list.

Dr. Duszynski, program chairperson of the annual ASP meeting, then briefed the membership regarding the meeting coming up in Pittsburgh, PA., from 6-10 July, 1995. The meeting will be in the Hyatt Regency Hotel and will be held jointly with the American Association of Veterinary Parasitologists. He indicated that some rooms would be made available to students at lower prices. He distributed a preliminary schedule for the meeting and briefed the membership of highlights of the meeting.

Dr. Jack Bristol presented the whereas's and wherefore's of the Resolution Committee Report.

We are especially grateful to Dr. Janice Moore, Department of Biology, Colorado State University, Ft. Collins, for her guest presentation entitled, "Altered behavior in parasitized animals." SWAP gratefully acknowledges the support of ASP for providing funds to invite Dr. Moore's participation in our meeting.

Acting on behalf of the membership, Sam Loker presented a Certificate of Appreciation to President Niederkorn.

President Niederkorn passed the SWAP gavel to President-Elect Couch, who declared the 28<sup>th</sup> Business Meeting adjourned at 8:05 p.m.

Respectfully submitted,

Eric Samuel Loker  
Secretary-Treasurer  
26 April 1995



TWENTY-NINTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      18-20 April 1996

PROGRAM

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**Friday, 19 April 1996**

J.A. Oaks, University of Wisconsin, Madison, WI, "Address to SWAP from ASP."

- \* S.L. Watwood and E.L. Peterson, University of Nebraska, Lincoln, NE, "The septate eugregarine parasites of *Tribolium* spp.: Resolution of a confused taxonomic history."
- \* E.L. Peterson and S.L. Watwood, University of Nebraska, Lincoln, NE, "Parasite assemblages of the freshwater minnow, *Cyprinella lutrensis*—Ecological influences on distribution structuring."
- \* K. Sapp, K. Meyer and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Discovery of a unique, precocious mother redia during the intramolluscan development of *Echinostoma paraensei*."
- \* A.B. Goudy and S.L. Gardner, University of Nebraska, Lincoln, NE, "Helminths of the rodent *Oxymycterus* in Bolivia."
- \* K.W. Pratt, J.S. Mathew, R.W. Barker and S.A. Ewing, Oklahoma State University, Stillwater, OK, "Persistence of *Ehrlichia canis* infection in brown dog tick, *Rhipicephalus sanguineus*."
- \* J.S. Mathew, S.A. Ewing, J.C. Fox, R.W. Barker, C.K. Warner, J.E. Dawson, G.L. Murphy and K.M. Kocan, Oklahoma State University, Stillwater, OK, and Centers for Disease Control and Prevention, Atlanta, GA, "Failed transmission of *Ehrlichia canis* by *Rhipicephalus sanguineus* after passage in tissue culture."
- \* S.V. Brant and S.L. Gardner, University of Nebraska, Lincoln, NE, "Helminths of bats in the family Phyllostomatidae in Bolivia."
- \* S.S. Rathe, University of Nebraska, Lincoln, NE, "The role of acanthocephalan egg membranes in microhabitat partitioning."
- \* B. Hanelt, C.M. Adema, M.H. Mansour and E.S. Loker, The University of New Mexico, Albuquerque, NM, and Cairo University, Cairo, Egypt, "A nested PCR-based method for detection of *Schistosoma mansoni* infection in the snail host *Biomphalaria*."
- \* B. Adams, A.M. Burnell and T.O. Powers, University of Nebraska, Lincoln, NE, "A ribosomal RNA gene phylogeny of insect parasitic nematodes in the genus *Heterorhabditis*."
- \* M.J. Jones, C.T. McAllister and L.A. Durden, Texas Wesleyan University, Ft. Worth, TX, and Georgia Southern College, Statesboro, GA, "Coccidian parasites (Apicomplexa: Eimeriidae) of the cotton mouse, *Peromyscus gossypinus* from Georgia."
- \* T.O. Nguyen, C.T. McAllister and J.E. Cordes, Texas Wesleyan University, Ft. Worth, TX, and Louisiana State University, Baton Rouge, LA, "Helminth parasites of the marbled whiptail, *Cnemidophorus marmoratus* (Sauria: Teiidae), from southwestern Texas."
- \* M.L. Steinauer, University of Nebraska, Lincoln, NE, "Life cycle of *Neoechinorhynchus prolixus*."

- J.A. Oaks, M.B. Dwinell, R.M. Wise and P. Bass, University of Wisconsin, Madison, WI, "Adult *Hymenolepis diminuta* and the rat: An apparently benign relationship, but who is in charge?"
- S.A. Ewing, J.E. Dawson, R.J. Panciera, J.S. Mathew, R.E. Corstvet and S. Telford, Oklahoma State University, Stillwater, OK, Centers for Disease Control, Atlanta, GA, Louisiana State University, Baton Rouge, LA, and Harvard University, Cambridge, MA, "Experimental infection of dogs with human granulocytic *Ehrlichia* spp."
- C. Chappell, P. Okhuysen and H. DuPont, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium* volunteer study revisited."

\* Student Presentation

### Poster Presentations

- J.A. Hnida, The University of New Mexico, Albuquerque, NM, "Interspecific variation in the first transcribed spacer of eimerians."
- W.D. Wilson and J.A. Hnida, The University of New Mexico, Albuquerque, NM, "Prevalence of the rodent bot fly *Cuterebra* spp. on the Sevilleta National Wildlife Refuge."
- K. Alford, T.M. Fredeking and G.L. Stewart, University of Texas, Arlington, and Antibody Systems Inc., Bedford, TX, "The effects of parasite antigens on antibody and cellular responses in mice."
- K. Adams, L. Boles, T. Smith and G.L. Stewart, University of Texas, Arlington, TX, "Myocarditis, myositis and plasma creatine phosphokinase activity during infection with different species of *Trichinella*."
- A. Brandish and G.L. Stewart, University of Texas, Arlington, TX, "The effects of parasite antigens on platelet aggregation."
- J. Montgomery, L. Boles, M. Mann and G.L. Stewart, University of Texas, Arlington, TX, "Infection with *Trichinella pseudospiralis* inhibits development of chemically induced multiple sclerosis in rats."
- R. Ursone, D. Whitmore and G.L. Stewart, University of Texas, Arlington, TX, "Protease activity in the excretory–secretory products of muscle, newborn larval and adult stages of *Trichinella* sp."
- K.E. Barber, G. Mkoji and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Comparison of the internal transcribed spacer of the ribosomal DNA (rDNA) of *Schistosoma haematobium* and *S. bovis* from Kenya."
- P.M. Leonard, C.M. Adema and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Molecular characterization of possible defense proteins in infected *Biomphalaria glabrata*, the snail intermediate host of the digenetic trematode *Echinostoma paraensei*."
- N.V. Khrantsov, C.A. Zien, M.V. Nesterenko, B.A. Montelone and S.J. Upton, Kansas State University, Manhattan, KS, "Identification of double-stranded RNAs associated with sporozoites of *Cryptosporidium parvum*."
- K.M. Woods, N.V. Nesterenko and S.J. Upton, Kansas State University, Manhattan, KS, "Efficacy of >100 antimicrobials and other compounds against *Cryptosporidium parvum* *in vitro*."

- B.M. Salameh, P.C. Okhuysen, H.L. DuPont and C.L. Chappell, University of Texas School of Public Health, Houston, TX, "The specific fecal IgA response in *Cryptosporidium parvum*-challenged volunteers."
- H. Dang, C. Wang, P. Nguyen, P. Okhuysen, H. DuPont and C. Chappell, University of Texas School of Public Health, Houston, TX, "Serum antibody response of volunteers after primary and secondary challenge with *Cryptosporidium parvum*."
- C. DeSantos, L.F. Mayberry, E.D. Rael and J.R. Bristol, University of Texas, El Paso, TX, "Immunoglobulin G levels in parasitized rats infected with *Nippostrongylus braziliensis* and/or *Eimeria nieschulzi*."
- Z. Al-Dahwi, L.F. Mayberry, J.R. Bristol, C. Mackenzie and G. Conder, University of Texas, El Paso, TX, and Pfizer Inc., Groton, CT, "Peripheral blood eosinophils in August vs. Sprague Dawley rats infected with *Nippostrongylus braziliensis* and/or *Eimeria nieschulzi*."
- C. Carranza, J.R. Bristol, L.F. Mayberry and C.S. Lieb, University of Texas, El Paso, TX, "Parasites of the lizards in the genus *Cnemidophorus* collected in west Texas and southern New Mexico."

**Special Presentation:** J.R. Sauer, Oklahoma State University, Stillwater, OK, "The Biology of Ticks."

#### **Saturday, 20 April 1996**

- S.S. Gould, S. Sianongo, E.M. Chomba, K.S. Baboo, C. Chintu and J.R. Murphy, University Teaching Hospital, Lusaka, Zambia, and University of Texas School of Public Health, Houston, TX, "Prevalence of enteric parasites encountered during an HIV study in Zambia."
- C.T. McAllister and S.E. Trauth, Texas Wesleyan University, Ft. Worth, TX, and Arkansas State University, State University, AR, "Ultrastructure of *Cepedietta virginensis* (Protista: Haptophrynidiae), from the gall bladder of the Pickerel frog, *Rana palustris* in Arkansas."
- D.T. John and D.A. Henderson, Oklahoma State University, Stillwater, OK, "*Dermatobia* myiasis in a resident of Tulsa, Oklahoma."
- S.A. Adeogba, M. Teng, C.L. Chappell and P.C. Okhuysen, University of Texas School of Public Health, Houston, TX, "Molecular approach to the characterization and purification of *Cryptosporidium* aminopeptidase."
- A.M. Stazzo, M.T. Kleinosky, A. Hebert, A.S. Mourad, R.R. Watson and J.R. Murphy, University of Arizona, Tucson, AZ, U.S. Medical Research Unit Three, Cairo, Egypt, Alexandria University, Alexandria, Egypt, and University of Texas School of Public Health, Houston, TX, "Frequency of *Giardia* and *Cryptosporidium* infections in Egyptian children as determined by conventional and Merifluor® methods."

MINUTES OF THE 29<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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**Minutes of the 29th Annual Business Meeting  
Southwestern Association of Parasitologists**

The 29th annual business meeting was called to order by President Lee Couch at 7:10 p.m., April 19, 1996, in the UOBS library. SWAP officers were introduced (President–Elect Steve Upton, Secretary–Treasurer John Janovy, Jr., ASP Council Representative, Lynn Hertel).

- (1) President Couch called for a motion to approve the minutes of the 28th SWAP meeting. John Ubelaker so moved; Lillian Mayberry seconded; the motion passed unanimously without discussion.
- (2) Secretary Janovy presented the secretary's report, which included a call for Emeritus Members nominations. SWAP members present observed a moment of silence for Dr. J. Teague Self, deceased.
- (3) Treasurer Janovy presented the Treasurer's report.
- (4) The Auditing Committee consisting of Zaineda AI-Dawi and Lillian Mayberry presented its report, noting that the Association books were in order. Scott Gardner moved acceptance of the report, Don Duszynski seconded, and the motion passed.
- (5) Patty Wilber reported on the balloting for best student paper; the following awards were presented:

**David A. Becker Award:** Ben Hanelt, The University of New Mexico, for his paper entitled, "A nested PCR-based method for detection of *Schistosoma mansoni* infections in the snail host *Biomphalaria*."

**Marc H. Dresden Award:** Kelli Sapp, The University of New Mexico, for her paper entitled, "Discovery of a unique, precocious mother redia during the intramolluscan development of *Echinostoma paraensei*."

Steve Upton read a paragraph written by Jerry Niederkorn regarding the Becker Award, and Cynthia Chappell composed and read a similar paragraph regarding the Dresden Award.

- (6) Lynn Hertel presented an extensive written report on the previous ASP Council meeting. Council actions of note included a decision that beginning with the 1996 meeting, affiliate society student paper winners who received notification of their awards too late to make plans for attending the next ASP meeting could delay their guaranteed travel award until the following year; alternatively, such students' papers could be fit into the current year meeting schedule even though the abstract would be submitted late. In response to questions about student travel awards, there was some discussion of the need for graduate students to be members of ASP and attend affiliate society meetings. Scott Gardner recommended the ASP web page as a source of information (<http://www-museum.unl.edu/ASP>).
- (7) The Teller's Committee report was presented by David John. Officers for 1997 are: President–Elect, Chris McAllister; ASP Representative, Cynthia Chappell; Secretary–Treasurer, John Janovy, Jr.

- (8) Old business: Bassam Salameh asked why faculty members did not participate in student paper judging. The question stimulated a lively discussion of the history of the SWAP student-paper awards, including the rationale for either involving or excluding faculty members. No motions were made, but the general conclusion from this discussion was that if the students wanted the system for selecting student paper winners changed, then the association could easily change it. Student comments indicated support for the current system of student voting on the awards.
- (9) New business: There were several items of new business:
  - (a) Mike Kemp moved that SWAP increase its dues for full members to \$10; Jack Bristol seconded. Following some discussion, the motion passed on a voice vote. Don Duszynski moved to table the motion; Scott Gardner seconded; Lee Couch ruled that a motion could not be tabled after its passage.
  - (b) Lee Couch asked SWAP members to consider a joint meeting with SWAN, perhaps at UOBS, during the 75<sup>th</sup> anniversary meeting of SWAN (in 2003). There was considerable discussion of the logistics of conducting such a meeting, and opinions (on both sides) of the value of joint meetings, especially this one, were expressed.
  - (c) Don Duszynski reported on the plans for the Tucson ASP meeting and encouraged students to attend, mentioning the spectacular reception and a workshop on opportunistic protists. He also mentioned notable national-level events of interest to SWAP members including past H. B. Ward Medals to Mike Kemp and Frank Sogandares, and the 1996 Bueding Von Brand Award to Ben Harris. Lee Couch added comments about the remarkable number of former and current ASP officers and Ward Medalists who were also SWAP members.
- (10) Special business: Dr. Frank Sogandares, one of the founding members of SWAP, was in attendance and was given a standing ovation in recognition. Mike Kemp gave a short speech in Frank's honor, recounting both the "Frank Sogandares Memorial Gavel" and the "Tulane bullbat" stories. There were several additional rounds of applause in response to both the telling and the subject of these stories.
- (11) Jack Bristol composed and delivered the Resolutions Committee report, praising all those who contributed to the success of the annual meeting.
- (12) Lee Couch turned over the gavel to Steve Upton. Upton accepted and adjourned the meeting.
- (13) The business meeting was followed by a presentation by John Sauer, entitled, "The biology of ticks."

Respectfully submitted,

John Janovy, Jr.  
SWAP Secretary–Treasurer

**SECRETARY’S REPORT**

Most SWAP records and files were transferred from Eric S. Loker to John Janovy, Jr., at the 1995 meeting. The New Mexico SWAP checking account was closed in October, 1995, and a cashier’s check mailed to J.J. Jr., who opened the society’s checking account at the National Bank of Commerce, Lincoln, NE. Not being an accountant or secretary either by trade or disposition, the new Secretary–Treasurer has taken some time to learn the duties, practices, and skills of his position. If this meeting, therefore, seems a little ragged, please rest assured that the next one will run quite smoothly.

Minutes of the 1995 meeting, prepared by Eric Loker, were distributed.

Call for papers announcement was mailed to the 1995 members list. Programs were mailed to 134 individuals, including a few that were re-mailed after returns with new address labels. Dues notices were inserted into the programs. UNL paid the costs of mailing both the call for papers and the programs.

**MEMBERSHIP REPORT**

SWAP has 132 members who were current as of 1993. With one exception, those who had not paid dues in 1993 or subsequent years were dropped from the mailing and membership list. The exception was a former President and HB Ward Medalist who the Secretary–Treasurer felt should be invited to join again.

<u>Membership by State:</u>		<u>Foreign Members:</u>			
Texas	56	California	1	Canada	3
Nebraska	21	Connecticut	1	Iran	1
Oklahoma	17	Florida	1		
New Mexico	12	Iowa	1		
Arkansas	3	Indiana	1		
Colorado	2	Michigan	1		
Louisiana	2	Mississippi	1		
Missouri	2	N. Carolina	1		
Wisconsin	2	Pennsylvania	1		

Membership by Category:

Full members	84
Student members	44
Emeritus members	2
Life members	1

Insofar as is known, only one member (J. T. Self) died since the 1995 meeting.

## TREASURER'S REPORT

**Checking account with:** National Bank of Commerce, 1248 "O" Street, Lincoln, NE 68508

<b><u>Cash Accounts:</u></b>	<b><u>Balance</u></b>
April 18, 1995 Final cash balance for 1995 meeting:	\$3,777.81

<b><u>Income:</u></b>		
'95 meeting registration	\$3,180.75	
Dues	314.00	
T-Shirt sales	364.00	
Interest	<u>91.52</u>	
<b>Total</b>	<b>\$3,910.27</b>	<b>\$7,728.08</b>

<b><u>Expenses:</u></b>		
UOBS Facilities use	\$1,045.00	
UOBS Food costs	2,200.00	
UOBS hospitality	450.67	
Program printing	212.85	
Awards	80.00	
Banking costs (cashier's check, check printing)	<u>52.37</u>	
<b>Total</b>	<b>\$4,040.89</b>	<b>\$3,687.19</b>

**Endowment Accounts (University of Oklahoma Foundation):**

Becker-Hill Endowment Principle: April 15, 1996 =	\$5,215.19
Becker-Hill Endowment Available: April 15, 1996 =	\$616.22
(Univ. of Oklahoma Foundation, telephone report April 15, 1996)	

<b><u>Total Assets:</u></b>	
Checking account	\$3,687.19
Endowment principle	5,215.19
Endowment fund (held by OU Foundation)	<u>616.22</u>
Total	\$9,518.60

Respectfully submitted,

John Janovy, Jr.  
Secretary-Treasurer  
April 19, 1996

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REPORT OF THE RESOLUTIONS COMMITTEE, 29<sup>TH</sup> ANNUAL SWAP MEETING

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**1996 SWAP RESOLUTIONS**

Whereas, the Southwestern Association of Parasitologists met April 18-20, 1996 for the 29<sup>th</sup> annual gathering, and

Whereas, the University of Oklahoma Biological Station provided excellent shelter, weather and food, through the guidance of Loren and Linda Hill, and

Whereas, the student presentations and posters were truly outstanding, and

Whereas, we were delighted to welcome back to SWAP one of the Charter Members, friend, colleague, Henry Baldwin Ward medalist, and former SWAP President (1971), Dr. Frank Sogendares-Bernal (stand and applause!!), and

Whereas, Lee Couch has provided us with an excellent 29<sup>th</sup> meeting and President's reception,

We Declare: this meeting an outstanding success.

Respectfully submitted,  
John R. Bristol, Chairman



THIRTIETH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      10-12 April 1997

PROGRAM

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Friday, 11 April 1997

**Student Paper Competition**

- M.S. Pidherney, K.M. Kocan, E.F. Blouin, M. Samish and I. Glazer, Oklahoma State University, Stillwater, OK, Kimron Veterinary Institute, and Volcani Center ARO Institute, Israel, "A feint within a feint: Use of entomopathogenic nematodes as a potential biological control method for ticks."
- M.A. Barger, University of Nebraska Lincoln, NE, "The role of egg structure of *Leptorhynchoides thecatus* and *Pomphorhynchus bulbocollis* (Acanthocephala) in habitat partitioning, transmission and host use."
- C.K. Blend, N.O. Dronen and H.W. Armstrong, University of Southern Mississippi, Ocean Springs, MS, and Texas A&M University, College Station, TX, "Systematics of the genus *Lepidapedon* Stafford, 1904 (Digenea: Lepocreadiidae) in deep-sea macrourid fishes from the Gulf of Mexico."
- J. Miralles-Salazar and E.S. Loker, The University of New Mexico, Albuquerque, NM, "Comparison of the relative susceptibility to digenean infection of a field-derived and two laboratory strains of *Biomphalaria glabrata*."
- A.M. Loeb, University of Nebraska, Lincoln, NE, "The biology of a leidyid species from the foreign grain beetle, *Ahasverus advena* (Waltl)."
- R. Stockland, University of Nebraska, Lincoln, NE, "Experimental gregarine infections in early instar *Tenebrio molitor* larvae."
- C. Carranza, J.R. Bristol, L.F. Mayberry and C.S. Lieb, University of Texas, El Paso, TX, "Parasites of *Cnemidophorus* spp. (Reptilia: Sauria) from west Texas and southern New Mexico."
- H.F. Leher, H. Alizadeh and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "Induction of specific tear secretory IgA after oral immunization and protection against *Acanthamoeba* keratitis."
- G. Zamora, P. Kalamegham and S.B. Aley, University of Texas, El Paso, TX, "Genomic organization of developmental genes of the primitive protozoan *Giardia lamblia*."
- J.A. Hnida, The University of New Mexico, Albuquerque, NM, "Using ITS1 sequencing and cross-transmission studies to examine the relationships of cryptic species of *Eimeria*."

**Regular Paper Presentations**

- K.J. Reinhard, University of Nebraska, Lincoln, NE, "Paleoparasitology—A history and prospectus."

- B. Hanelt, W.M. El Mazny, M.H. Mansour and E.S. Loker, The University of New Mexico, Albuquerque, NM, and Cairo University, Cairo, Egypt, "Investigating the fate of *Schistosoma mansoni* in susceptible and resistant laboratory populations of *Biomphalaria glabrata*, using nested PCR."
- D.T. John and R.A. John, Oklahoma State University, Stillwater, and Chapman Institute of Medical Genetics, Tulsa, OK, "Long-term cryopreservation of opportunistic amebae."
- C.T. McAllister, C.R. Burse and P.S. Freed, Tarrant County Junior College–Southeast Campus, Arlington, TX, Pennsylvania State University, Shenango Valley Campus, Sharon, PA, and Houston Zoological Gardens, Houston, TX, "Helminth fauna of neotropical herpetofauna: New host and distributional records for Ecuador, Guyana, Paraguay and Peru."

### Poster Presentations

- N.V. Khramtsov, M.V. Nesterenko, C.C. Dykstra and S.J. Upton, Kansas State University, Manhattan, KS, and Auburn University, Auburn, AL, "Two extra chromosomal double-stranded RNAs specific for *Cryptosporidium parvum* are good targets for developing specific detection assays."
- R.D. McKown, J. Wojcieszyn, C.D. Richardson and A.R. Ficht, Texas A&M University, College Station, TX, "Localization of thioredoxin in *Fasciola hepatica* and *Fascioloides magna*."
- J. Montgomery, P. Sastrawan, D. Gillespie, K. Adams, T.M. Fredeking and G.L. Stewart, University of Texas, Arlington, TX, University of Udayana, Bali, Indonesia, Kansas City Zoo, Kansas City, MO, and Antibody Systems, Inc., Bedford, TX, "The potential of bacteria from the saliva of the Komodo dragon to induce septicemia in prey."
- J.K. Glover, M.A. Silva and L.F. Mayberry, University of Texas, and El Paso Community College, El Paso, TX, "*Eimeria nieschulzi*: Transfer of protection to F<sub>1</sub> from immunized parental stock."
- A. Subrainanian, R.A. Carrasco, M. Allison–Ennis and S. Das, University of Texas, El Paso, TX, "Sugar and inositol analogs block fatty acylation of GP49, a GPI-anchored protein of *Giardia lamblia*."
- G. Gibson, T. Stevens, D. Ramirez, J. Maier and S. Das, University of Texas, El Paso, TX, "*Giardia lamblia*: Transesterification of cellular phospholipids by exogenous fatty acids."

### Saturday, 12 April 1997

There were no papers scheduled for Saturday morning. The officers of SWAP decided to ask the faculty members and recent graduates in attendance to be present for an open forum to answer student questions about various aspects of parasitology, e.g. teaching techniques, research opportunities, job prospects, grant writing, etc. SWAP has a distinguished list of alums and current members, including presidents, vice-presidents, program officers, and council members of ASP, editor of the *Journal*, H.B. Ward Medalists, and faculty members who have served on hiring and promotion committees and in other administration positions. SWAP also has a tradition of being one of, if not the, most student-oriented of all professional societies. Thus, it seems natural to take advantage of this free time to make our rich supply of human resources available to the students present.

MINUTES OF THE 30<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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**Minutes of the 30<sup>th</sup> Annual Business Meeting  
Southwestern Association of Parasitologists**

The 30<sup>th</sup> annual business meeting was called to order by President Steve Upton at 7:13 p.m. on April 10, 1997, in the UOBS library. SWAP officers were introduced (President–Elect Chris McAllister, Secretary–Treasurer, John Janovy, Jr., ASP Council Representative, Cynthia Chappell).

- (1) Jack Bristol moved approval of the minutes of the 29<sup>th</sup> annual meeting; Scott Gardner seconded. Gardner indicated the web site as listed in the minutes should be corrected to read: <http://www-museum.unl.edu/asp>. Rich Clopton raised the issue of the previous year's [questionably tabled] vote on a dues increase. Janovy left at 7:25 to get his original notes from 1996. During the break there was "lots of discussion" [substitute secretary's notes]. Following Janovy's return and reading of the original notes, Upton suggested approving the minutes, Bristol called for the question, and the minutes were approved on a voice vote.
- (2) Secretary Janovy presented the Secretary's report, correcting the Connecticut members to 3 instead of 1, and asked for address changes.
- (3) Treasurer Janovy presented the Treasurer's report.
- (4) The Auditing Committee (membership not recorded) presented its report and concluded that the books were in order. Lillian Mayberry moved acceptance; Bristol seconded. During the discussion, Gardner noted a general drop in assets, stimulating some discussion of SWAP's financial condition. The question was called and the motion passed on a voice vote.
- (5) Chris McAllister presented the results of the balloting for best student paper; the following awards were presented:
  - David A. Becker Award:** H. F. Leher, University of Texas SW Medical Center, Dallas, TX, for his paper, "Induction of specific tear secretory IgA after oral immunization and protection against *Acanthamoeba* keratitis."
  - Marc H. Dresden Award:** Charles K. Blend, Gulf Coast Research Laboratory, Ocean Springs, MS, for his paper, "Systematics of the genus *Lepidapedon* Stafford, 1904 (Digenea: Lepocreadiidae) in deep-sea macrourid fishes from the Gulf of Mexico."
- (6) Steve Upton read Cynthia Chappell's report from ASP Council, which included the current ASP officers and information about the Nashville meetings.
- (7) The Teller's Committee reported on the annual elections, with Patty Wilber being chosen as President–Elect and Cynthia Chappell remaining as ASP representative.
- (8) There was no Old Business.
- (9) There were several items of New Business.
  - (a) Don Tuff suggested adding phone numbers and e-mail addresses to the membership list and moved that the next call for papers include a request for this information. Don Duszynski seconded and the motion passed. Janovy volunteered to add the information if people would provide it.

- (b) Don Duszynski, ASP program officer, reviewed plans for the Nashville meeting, promoted the Student Travel Award auction, and called for volunteers to be paper session chairs. There was considerable discussion of the Hawaii meetings, and particularly the effect of cost and dates on some members' ability to attend.
  - (c) Lee Couch mentioned the possibility of a joint meeting with SWAN in Albuquerque, suggested that SWAP would benefit from such a meeting, and moved that SWAP meet with SWAN in April, 1998. Larry Roberts seconded. The discussion was spirited and multi-faceted, with tradition and the benefits of a joint meeting both being considered. Loren Hill indicated that the decision was SWAP's to make. Mayberry called for the question, Bristol seconded. Scott Snyder raised the issue of costs again. The call for the question passed by show of hands; the main motion failed (8 in favor, 28 opposed, 4 abstained). Loren Hill thanked SWAP for its long tradition of meeting at UOBS.
  - (d) Rich Clopton suggested, then moved, that the SWAP representative to ASP introduce a motion in ASP Council meeting to appoint a new site selection committee and poll the membership regarding the times and places of meetings. Scott Snyder seconded. In the discussion, it was pointed out that the ASP President appoints the site selection committee. The motion passed on a voice vote.
- (10) The Resolutions Committee report was read by Jack Bristol; a written copy was deposited in the files.
  - (11) Steve Upton turned the gavel over to Chris McAllister, who thanked all the people who helped with the meeting, then adjourned the meeting.
  - (12) Following the business meeting, Larry Roberts gave a remarkable multi-media presentation of underwater photography.

Respectfully submitted,

John Janovy, Jr.  
SWAP Secretary–Treasurer

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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 30<sup>TH</sup> ANNUAL SWAP MEETING**

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**SECRETARY’S REPORT**

Minutes of the 1996 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers and dues notice was mailed to the 1996 members list. Programs were mailed to 147 individuals, including a few that were re-mailed after returns with new address labels. After that mailing, SWAP was notified of a food-cost change, and an insert informing members of that change was inserted into the program mailed on March 31, 1997. UNL paid the costs of mailing both the call for papers and the programs.

**MEMBERSHIP REPORT**

SWAP has 147 members who were current as of 1994. With one exception, those who had not paid dues in 1993 or subsequent years were dropped from the mailing and membership list. The exception was a former President and HB Ward Medalist who the Secretary–Treasurer felt should be invited to join again. Membership figures are somewhat inflated due to retention of individuals on the mailing list for three years.

Membership by State:

Texas	60	California	1
Nebraska	20	Florida	1
Oklahoma	18	Iowa	1
New Mexico	16	Indiana	1
Arkansas	1	Michigan	1
Colorado	2	Mississippi	3
Louisiana	3	N. Carolina	2
Missouri	2	Pennsylvania	1
Wisconsin	3	So. Carolina	1
Connecticut	3	Wash., DC	1
Tennessee	1	Kansas	1

Foreign Members:

Canada	2
Iran	1

Membership by Category:

Regular members	84
Student members	60
Emeritus members	1
Life members	1

Insofar as is known, only one member (Betty June Myers) died since the 1996 meeting.

John Janovy, Jr.  
Secretary

## TREASURER'S REPORT

Checking account with: National Bank of Commerce, 1248 "O" Street, Lincoln, NE 68508

### Cash Accounts:

April 8, 1997 Final Cash Balance for 1997 Meeting	<u>Balance</u> \$3,687.19
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### Income:

'96 meeting registration	\$4,517.60	
Dues	376.00	
T-Shirt sales	340.00	
Deposit correction	<u>4.00</u>	
<b>Total</b>	<b>\$5,237.60</b>	<b>\$8,924.79</b>

### Expenses:

UOBS charges ('96 meeting)	\$4,432.50	
UOBS hospitality	253.387	
'97 Meeting miscellaneous	25.00	
Printing and photocopying	461.83	
Awards	175.00	
T-shirt purchases	560.84	
Banking costs (JJ's error)	<u>14.60</u>	
<b>Total</b>	<b>\$5,923.15</b>	<b>\$3,001.64</b>

### Endowment Accounts (University of Oklahoma Foundation):

Becker-Hill Endowment Principle: April 8, 1997 =	\$5,258.10
Becker-Hill Endowment Available: April 8, 1997 =	\$1,002.37
(Univ of Oklahoma Foundation, telephone report April 8, 1997)	

### Total Assets:

Checking account	\$3,001.64
Endowment principle	5,258.10
Endowment fund (held by OU Foundation)	<u>1,002.37</u>
Total	\$9,262.11

Respectfully submitted,

John Janovy, Jr.  
Secretary-Treasurer  
April 11, 1997

**REPORT OF THE RESOLUTIONS COMMITTEE, 30<sup>TH</sup> ANNUAL SWAP MEETING**

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**1997 SWAP RESOLUTIONS**

Whereas, a call went out to all those interested in the premiere scientific endeavor of Parasitology to assemble at beautiful Lake Texoma for the 30<sup>th</sup> Spring Fecal Festival, and

Whereas, 76 dedicated faculty and students met on April 10-12, 1997 to present their recent findings on the wonderful world of parasites, and

Whereas, the food was great, the student papers superb, the Upton reception superior (with Delectable Duszynski margaritas), and

Whereas, Loren and Linda Hill gave us their usual wonderful support,

We declare: this meeting of the Southwestern Association of Parasitologists an unqualified success.

Respectfully submitted,

John R. Bristol, Chairman

THIRTY-FIRST MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      9-11 April 1998

PROGRAM

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Friday, 10 April 1998

**Oral Presentations**

- C.L. Chappell, P. Okhuysen, C. Sterling, W. Jakubowski and H. Dupont, University of Texas School of Public Health, Houston, TX, University of Arizona, Tucson, AZ, and U.S. EPA, Houston, TX, "*Cryptosporidium* volunteer studies."
- \* T.O. Kumenda, M. Marshall, C.R. Sterling and C.L. Chappell, The University of Texas School of Public Health, Houston, TX, and University of Arizona, Tucson, AZ, "Infectivity of geographically diverse *C. parvum* isolates."
- \* S.M. Dann, B.M. Salameh, P.C. Okhuysen, H.L. Dupont and C.L. Chappell, University of Texas School of Public Health, Houston, University of Texas Medical School, Houston, and St. Luke's Episcopal Hospital, Houston, TX, "Antigen specificity of fecal IgA from *Cryptosporidium parvum*-challenged volunteers."
- C.L. Chappell, P.C. Okhuysen, C.R. Sterling and H.L. Dupont, The University of Texas School of Public Health, Houston, TX, and University of Arizona, Tucson, AZ, "Virulence of geographically-diverse *C. parvum* isolates in healthy adults."
- \* C. Wang, K. Goodman, F. Bakht and C.L. Chappell, University of Texas School of Public Health, Houston, TX, "*Cryptosporidium* and *Toxoplasma*: Antigen specificity of two related pathogens."
- A.A. Kocan and S.A. Ewing, Oklahoma State University, Stillwater, OK, "Ecological factors affecting *Ixodes* spp. and diseases transmitted by these ticks to human beings and other animals in North America."
- \* S.K. Hecksher, B.A. Wicksberg, D.W. Duszynski and S.L. Gardner, The University of New Mexico, Albuquerque, NM, and University of Nebraska, Lincoln, NE, "Three new species of *Eimeria* (Apicomplexa: Eimeriidae) from Bolivian marsupials (Didelphimorpha: Didelphidae)."
- \* J.A. Hnida and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Cross-transmission studies with *Eimeria* species of some murid rodents."
- R.R. Kula and R.E. Clopton, Peru State College, Peru, NE, "Unlocking taxonomic resolution of the generic complex *Gregarina*."
- \* T.L. Keber, University of Nebraska, Lincoln, NE, "A comparative study of gametocyst development in gregarine spp. (Apicomplexa: Eugregarinida)."
- \* J. Schawang, University of Nebraska, Lincoln, NE, "The effect of host starvation on gregarine gametocyst formation in the adult flour beetle, *Tenebrio molitor*."
- \* M.R. Wise, University of Nebraska, Lincoln, NE, "*Metamera* sp. (Eugregarinida: Metameridae) in glossiphonid leeches: Host specificity and host ecology."



- \* S.V. Brant and G. Orti, University of Nebraska, Lincoln, NE, "Parasites in a host hybrid zone: A proposal."
- \* N. Al-Rashid and D.G. Huffman, Southwest Texas State University, San Marcos, TX, "A survey of blood parasites of turtles from central Texas."
- N.R. Coady and B.B. Nickol, University of Nebraska, Lincoln, NE, "Evaluation of *Plagiorhynchus cylindraceus* in the viscera of Nebraska shrews."
- \* B. Hanelt, University of Nebraska, Lincoln, NE, "A preliminary investigation into the life history of the hair worm, *Gordius robustus* (Nematomorpha: Gordioidae)."
- \* F.R. Reyda, University of Nebraska, Lincoln, NE, "A comparison of biological performances between a laboratory-isolated population of two wild populations of *Moniliformis moniliformis* (Acanthocephala)."
- \* Z. Al-Dahwi, L.F. Mayberry, J.R. Bristol, G.A. Conder and C.D. Makenzie, University of Texas, El Paso, TX, Pfizer, Inc., Groton, CT, and Michigan State University, East Lansing, MI, "Suppression of *Nippostrongylus brasiliensis*-induced systemic eosinophilia by *Eimeria nieschulzi* in two rat strains."
- R.E. Clopton, Peru State College, Peru, NE, "The evolution of sexual congress: A unifying concept in parasite evolution."
- \* L.M. Duclos, A.A. White, D.J. Richardson and R.E. Clopton, Quinnipiac College, Hamden, CT, and Peru State College, Peru, NE, "Aggregation of intestinal heiminths within their fundamental niche of individual hosts."
- \* A.A. White, L.M. Duclos, D.J. Richardson and R.E. Clopton, Quinnipiac College, Hamden, CT, and Peru State College, Peru, NE, "Aggregation of *Hymenolepis diminuta* in the rat intestine."
- \* M.K. Cox and D. Huffman, Southwest Texas State University, San Marcos, TX, "The distribution and life cycle of *Huffmanella huffmanii* (Nematoda: Trichosomoididae)."
- M. Marti, M. Cutter, S.B. Aley and S. Das, University of Texas, El Paso, TX, "Cloning and sequencing of GP49, a GPI-anchored surface protein of *Giardia*."

\* Student Presentation

### **Saturday, 11 April 1998**

#### **Poster Presentations**

- K. Adams and G.L. Stewart, University of Texas, Arlington, TX, "Enteric cues for biochemical development in *Trichinella pseudospiralis*."
- M.J. Shannon, T.M. Brandt and D.G. Huffman, San Marcos National Fish Hatchery and Technology Center and Southwest Texas State University, San Marcos, TX, "Lethal heterophyid infections in an endangered fish in central Texas: The snail host."

- C.A. Kaczmarek, J.N. Fries and D.G. Huffman, San Marcos National Fish Hatchery and Technology Center and Southwest Texas State University, San Marcos, TX, "A survey of the San Marcos salamander (*Eurycea nana*) for a parasitology study."
- H. Alizadeh, H.F. Leher and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "Oral immunization and the mechanisms of protection against *Acanthamoeba* keratitis."
- C.E. Snider, Texas Department of Health, Dallas, TX, "Refugee screening in Texas 1994–1998: A summary of results."
- D.T. John and M.J. Howard, Oklahoma State University, Stillwater, OK, "Thermotolerant amebae from Lake Tenkiller, Oklahoma."
- K.M. Garcia and L.F. Mayberry, University of Texas, El Paso, TX, "Primary and challenge infections of ICR and BALB/C variant mice with *Eimeria papillata*."

MINUTES OF THE 31<sup>ST</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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**Minutes of the 31<sup>st</sup> Annual Business Meeting  
Southwestern Association of Parasitologists**

The 31<sup>st</sup> annual SWAP business meeting was called to order by President Chris McAllister at 7:11 p.m. on April 10, 1998, in the UOBS library. President McAllister promptly declared that the meeting would not be two hours long.

- (1) Scott Gardner moved approval of the 30<sup>th</sup> annual meeting minutes and Jack Bristol seconded the motion. Teller's Committee membership was added; the committee consisted of Chris McAllister and two students. Lil Mayberry called for the question; the motion passed on voice vote.
- (2) Secretary Janovy presented the Secretary's Report; there was no discussion.
- (3) Treasurer Janovy presented the Treasurer's Report. Rich Clopton moved acceptance and Lil Mayberry seconded the motion. The motion passed on a voice vote.
- (4) The Auditing Committee (Scott Gardner and Noura Al-Rashid) reported that the committee had examined the books and found them in order.
- (5) Patty Wilber presented the results of balloting for the Best Student Paper; the following awards were presented:
  - The **David A. Becker Award** was won by Ben Hanelt, School of Biological Sciences, University of Nebraska Lincoln, for his paper, "A preliminary investigation into the life history of the hair worm, *Gordius robustus* (Nematomorpha: Gordioidae)."
  - The **Marc H. Dresden Award** was won by R. R. (Bob) Kula, Department of Biology, Peru State College, Peru, NE, for his paper, "Unlocking taxonomic resolution of the generic complex *Gregarina*."
- (6) Cynthia Chappell presented the ASP Council Representative report on the 1997 Nashville meeting. She reviewed a number of Council actions of potential interest to students, especially ones involving sources of funding. Gerald Esch was appointed editor of the Journal for an additional three years; George Stewart was named the newsletter editor. ASP officers were announced as John Oaks (President), Larry Roberts (President-Elect), Ron Fayer (Vice President), and George Cain (Secretary/Treasurer). There was some discussion about the ASP directory, and especially the matter of whether a hard copy directory would be issued. Lil Mayberry moved that Cynthia Chappell contact George Cain and inform him that SWAP wanted Council to consider issuing a hard copy directory; Lee Couch seconded; the motion passed on voice vote.
- (7) The Teller's Committee (Patty Wilber, John Hnida, Megan Wise) reported that Rich Clopton was chosen the new President-Elect.
- (8) There was no Old Business.
- (9) There were several items of New Business:
  - (a) Don Duszynski made some comments on the 1998 ASP meetings in Hawaii, with special reference to the student workshop, the large number of papers, the Australian parasitologists,

and the Gulf of California Symposium. He also announced the locations for the 1999 and 2000 (Monterey, CA and Puerto Rico, respectively).

- (b) Lil Mayberry was introduced as chair of the ASP Membership Committee and she asked for ideas about ways to encourage young people to join ASP and remain members; e-mail responses were welcome (mayberry@utep.edu).
  - (c) Don Duszynski made additional comments about the Great Smoky Mountains All Taxa Biological Inventory (ATBI) Project, and the value of parasitology in biodiversity studies. He called for a SWAP resolution to endorse the ATBI. Rich Clopton moved that SWAP support the project through the ASP representative and Jack Bristol seconded. Motion passed by voice vote.
- (10) Jack Bristol gave the Resolutions Committee Report, with additions by Lil Mayberry, and included some comments about the careers of Dave Becker and Marc Dresden and their contributions to SWAP and reemphasized the support of students by SWAP. Lee Couch announced Jack Bristol's birthday.
  - (11) Chris McAllister acknowledged the assistance of those who had helped during his term as President and turned the gavel over to Patty Wilber.
  - (12) The meeting adjourned at 8:04 p.m.

Respectively submitted,  
John Janovy, Jr.  
Secretary

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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 31<sup>ST</sup> ANNUAL SWAP MEETING**

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**SECRETARY’S REPORT 1998**

Minutes of the 1997 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers, dues notice, and programs were mailed to the 1997 members list, consisting of 146 individuals; 3 programs were returned; a new address has been obtained for 1 of the 3 returned. UNL paid the costs of mailing both the call for papers and the programs.

**MEMBERSHIP REPORT**

SWAP has 146 members who were current as of 1995. With one exception, those who had not paid dues in 1995 or subsequent years were dropped from the mailing and membership list. The exception was a former President and HB Ward Medalist who the Secretary/Treasurer felt should be invited to join again. Membership figures are somewhat inflated due to retention of individuals on the mailing list for 3 years.

Membership by State:

Texas	64
New Mexico	19
Oklahoma	17
Nebraska	16
Wash. DC	1
Arkansas	1
Colorado	2
Louisiana	3
Missouri	3
Wisconsin	2
Connecticut	3
Tennessee	1
Kansas	1

Foreign Members:

California	1	Iran	1
So. Carolina	1		
Pennsylvania	1		
Florida	1		
Iowa	1		
N. Carolina	2		
Michigan	1		
Mississippi	3		
Maryland	1		

Membership by Category:

Regular members	85
Student members	59
Emeritus members	1
Life members	1

I have not learned of the death of any SWAP members since the 1997 meeting.

John Janovy, Jr.  
Secretary

## TREASURER'S REPORT

Checking account with: National Bank of Commerce, 1248 "O" Street, Lincoln, NE 68508

<u>Cash Accounts:</u>	<u>Balance</u>
Mar. 29, 1997 Final Cash Balance for 1997 Meeting:	\$3,001.64

<u>Income:</u>	
'97 meeting registration	\$3,912.25
Dues	429.00
T-Shirt sales	520.00
'97 Meeting miscell return	<u>25.00</u>
Total	\$4,886.25
	\$7,887.89

<u>Expenses:</u>	
UOBS charges ('97 meeting)	\$3,759.50
UOBS hospitality	225.07
Printing & photocopying	457.10
Awards	175.00
Bad debts (uncollectable returned checks)	<u>88.00</u>
Total	\$4,704.67
	\$3,183.22

### Endowment accounts (University of Oklahoma Foundation):

Becker-Hill Endowment Principle: April 7, 1998 =	\$5,311.09
Becker-Hill Endowment Income: April 7, 1998 =	\$1,479.19
(Univ. of Oklahoma Foundation, telephone report April 7, 1998)	

<u>Total Assets:</u>	
Checking account	\$3,183.22
Endowment principle	5,311.09
Endowment fund (held by OU Foundation)	<u>1,479.19</u>
Total	\$9,973.50

Respectfully submitted,  
John Janovy, Jr.  
Secretary-Treasurer  
April 10, 1998

## REPORT OF THE RESOLUTIONS COMMITTEE, 31<sup>ST</sup> ANNUAL SWAP MEETING

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### 1998 SWAP RESOLUTIONS

Whereas, the Southwestern Association of Parasitologists met on April 9<sup>th</sup>, 10<sup>th</sup>, and 11<sup>th</sup>, 1998, for the 31<sup>st</sup> Annual Meeting at beautiful Lake Texoma, and

Whereas, the student papers were outstanding and often embellished by Power Point technology as well as ticks, fleas, flies, snails and puppy dog tails, and

Whereas, the food was fantastic, and

Whereas, Loren and Linda Hill provided the usual warm, reception and outstanding facilities, and

Whereas, the McAllister Presidential Reception was resplendent with Boone's Farm champagne, and

Whereas, Patricia Wilber assembled a perfect program, and

Whereas, we assembled three academic generations of parasitologists at this 31<sup>st</sup> annual Spring Fecal Festival,

We Declare: this meeting of the Southwestern Association of Parasitologists an unqualified success.

Respectfully submitted,  
John R. Bristol, Chairman

THIRTY-SECOND MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      15-17 April 1999

PROGRAM

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Friday, 16 April 1999

Oral Presentations

- \* I.M. Asmundsson, J.A. Campbell and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, and University of Texas, Arlington, TX, "A new coccidian from the Mexican caecilian *Dermophis mexicanus* (Amphibia: Gymnophiona) from Volcán Tajumulco, Department of San Marcos, Guatemala."
- \* M.A. Weichman, University of Nebraska, Lincoln, NE, "Parasite community structure in *Pimephales promelas* (Pisces: Cyprinidae) from two converging streams."
- \* J.S. Mathew, S.A. Ewing, R.J. Panciera and K.M. Kocan, Oklahoma State University, Stillwater, OK, "Sporogonic development of *Hepatozoon americanum* in its invertebrate host, *Amblyomma maculatum*, the gulf coast tick."
- \* D.A. Dixon and G.L. Stewart, University of Texas, Arlington, TX, "Changes in activity levels of seven enzymes during development of *Taenia crassiceps* cysticerci in mice."
- \* M.L. Steinauer and W.F. Font, University of Nebraska, Lincoln, NE, and Southeastern Louisiana University, Hammond, LA, "Seasonal dynamics of the helminths of the bluegill sunfish (*Lepomis macrochirus*)."
- \* J.M. Montgomery, D. Nolen, D. Hunter and G.L. Stewart, University of Texas, Arlington, TX, "Uptake and incorporation of <sup>14</sup>C labeled glucose, glycine and proline by *in vitro*-maintained *Trichinella spiralis* nurse cells."
- C.T. McAllister and D.B. Conn, Collin County Community College, Plano, GA, and Berry College, Mount Berry, GA, "The biology of the enigmatic tapeworm, *Mesocestoides*."
- \* J. Yuan and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Phospholipase C and prostaglandin E<sub>2</sub>-stimulated exocytosis in salivary glands of *Amblyomma americanum* (L.)."
- J. Glass, A.M. Fedynich, M.F. Small and S. Benn, Texas A&M University, Kingsville, Sul Ross State University, Alpine, and Texas Parks and Wildlife Department, Edinburg, TX, "Survey of blood parasites in the eastern subpopulation of white-winged doves."
- \* M. Hurt, H. Alizadeh, H. Leher, K. Howard, S. Taherzadeh and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "The role of neutrophils in *Acanthamoeba keratitis*."
- M.M. Ryan, K.H. Decker and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "*Eimeria* (Apicomplexa: Eimeridae) prevalence change in reintroduced Gunnison's prairie dogs (*Cynomys gunnisoni*)."
- A.A. Kocan, Oklahoma State University, Stillwater, OK, "Wildlife as reservoirs for tick-borne diseases. An expanding problem?"



\* Student Presentations

**Saturday, 17 April 1999**

**Poster Presentations**

- C.L. Chappell, M.A. Coletta, A. Newsome and L.Y. Hwang, University of Texas School of Public Health, Houston, TX, and Middle Tennessee State University, Murfreesboro, TN, "Serological reactivity to *Acanthamoeba* spp. in selected populations."
- S.M. Dann, P.C. Okhuysen, B.L. Doughty and C.L. Chappell, University of Texas School of Public Health, Houston, and University of Texas Medical Branch, Galveston, TX, "Use of anti-GST antibodies to detect *C. parvum* infection."
- H. Alizadeh, H. Leher, F. Zaragoza, S. Taherzadeh and J.Y. Niederkorn, University of Texas Southwestern Medical Center, Dallas, TX, "Protection against *Acanthamoeba* keratitis with anti-*Acanthamoeba* IGA antibodies."
- J. Hoffmann and G.L. Stewart, University of Texas, Arlington, TX, "Proliferation of myloid stem cells induced by parasite extracts."
- K.L. Jarolim, J.K. McCosh, M.J. Howard and D.T. John, Oklahoma State University, Stillwater, OK, "Migration of *Naegleria fowleri* from the nasal mucosa to the central nervous system in mice."
- K. Katz, S. Fernandez and S.B. Aley, University of Texas, El Paso, TX, "Use of atomic force microscopy to directly visualize DNA for assembly of contigs of *Giardia lamblia* genomic DNA."
- D.T. John and M.J. Howard, Oklahoma State University, Stillwater, OK, "The first confirmed case of *Naegleria fowleri* infection in Oklahoma."
- A.D. Bior, R.C. Essenberg and J.R. Sauer, Oklahoma State University, Stillwater, OK, "Differentially expressed genes in tick salivary glands."
- G. Young and A.M. Fedynich, Texas A&M University, Kingsville, TX, "Helminth parasites of northern bobwhites from the King ranch."
- J. Glass, A.M. Fedynich, M.F. Small and S. Benn, Texas A&M University, Kingsville, Sul Ross State University, Alpine, Texas Parks and Wildlife Department, Edinburg, TX, "Survey for *Trichomonas gallinae* in the eastern subpopulation of white-winged doves."

MINUTES OF THE 32<sup>ND</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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**Minutes of the 32<sup>nd</sup> Annual Business Meeting  
Southwestern Association of Parasitologists**

- (1) The 32<sup>nd</sup> annual SWAP business meeting was called to order by President Patty Wilber at 7:06 p.m. on April 16, 1999, in the UOBS library.
- (2) Anne Marie, UOBS kitchen staff, requested a few moments of meeting time, in which she thanked us for coming.
- (3) Lillian Mayberry moved approval of the 31" annual meeting minutes and Cynthia Chappell seconded the motion. The motion passed unanimously on a voice vote.
- (4) Secretary Janovy presented the Secretary's Report. Al Kocan asked if SWAP was Y2K compliant. Secretary Janovy replied that SWAP records were in standard EXCEL and WORD formats, duplicated on two different computers, one of which was Y2K compliant, and on at least two different discs, so that he didn't anticipate much of a problem with the files. Lillian Mayberry moved acceptance of both Secretary's and Treasurer's reports; Lee Couch seconded, and the motion passed on a voice vote.
- (5) The Auditing Committee, consisting of Marsha Howard and Thomas Kumenda presented their report, finding that the books were in order. Cynthia Chappell moved acceptance; Lillian Mayberry seconded, and the motion passed on a voice vote.
- (6) President-elect Richard Clopton announced the winners of the student paper competition. The committee tallying the votes consisted of Terri Parrish, Celeste Nolte, Jennifer Schawang, and Miriam Martinez. **The Becker Award** was won by Michelle Steinauer for her paper, "Seasonal dynamics of the helminths of the bluegill sunfish (*Lepomis macrochirus*)." Joel Montgomery won **the Dresden award** with his paper, "Uptake and incorporation of 14C labeled glucose, glycine and proline by in-vitro maintained *Trichinella spiralis* nurse cells."
- (7) ASP Representative's report was given by Cynthia Chappell, who passed out a written version and reviewed it briefly. Lillian Mayberry moved acceptance; Lee Couch seconded; the motion was passed on a voice vote.
- (8) President-elect Clopton gave the report of the Teller's Committee, consisting of Aaron McCormick and Karl Reinhard. Brent Nickol was chosen President-elect for 2000, and Lee Couch was chosen as the ASP Representative.
- (9) There was no old business.
- (10) During new business, Lillian Mayberry moved that up to \$150 be budgeted for the President's Reception, the money to be used for whatever the President deems appropriate in order to conduct the reception. Marsha Howard seconded. During the discussion, Mayberry suggested that because the event was a fairly recent one, some discussion of its funding was in order. Don Duszynski pointed out that we'd been doing it for 8 years (George Stewart started it). Steve Upton commented that there were occasionally quite a few undergraduates who attended the reception. The motion passed on a voice vote.

There was also some discussion of the social arrangements at the annual meeting. Duszynski moved that the President, Secretary/Treasurer, and President-elect appoint an ad hoc Hospitality Committee to plan social events at the meetings. Mayberry seconded and the motion passed on a voice vote. There was additional discussion, led by Steve Upton, encouraging faculty members to take the lead in ensuring that UOBS policies be followed at meetings. There was general agreement that this leadership role was desirable when appropriate.

Don Duszynski, ASP Program Officer, reminded members of the 1999 meeting in Monterey, handed out a graphic summary of the program, and gave some very favorable comments about the meeting and the site. He also pointed out that the 2000 meeting in San Juan, with the Society of Protozoologists, would be the ASP 75<sup>th</sup> anniversary meeting. Joel Montgomery reviewed the plans for the 1999 ASP student workshop.

Lillian Mayberry made a presentation on the National Conference on Undergraduate Research (NCUR); she had attended the 1<sup>st</sup> meeting in Rochester. All disciplines were represented, including the humanities and arts, with 1,800 papers and posters of all descriptions. The 2000 meetings will be in Missoula, MT; Mayberry offered to send members a call for papers and she encouraged SWAP members to attend and take their students.

- (11) Lillian Mayberry delivered the Resolutions Committee report because Jack Bristol, committee chair, was not feeling well. A written version of the report was filed with the Secretary.
- (12) Secretary Janovy presented the Certificate of Appreciation to Patty Wilber for her service as President.
- (13) President Wilber presented the gavel to Rich Clopton, who accepted, and immediately appointed a hospitality committee consisting of volunteers Karl Reinhard, Marsha Howard, and Lee Couch.
- (14) Lillian Mayberry moved adjournment; the motion passed unanimously.

Respectfully submitted,  
John Janovy, Jr.  
Secretary

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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 32<sup>ND</sup> ANNUAL SWAP MEETING**

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**SECRETARY’S REPORT**

Minutes of the 1998 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers, abstract form, and dues notice were mailed to the 1998 members list, consisting of 93 individuals who had paid dues in either 1997 or 1998, or who were life or emeritus members; 5 calls for papers were returned; a new address was obtained for 1 of those returned and the call was re-mailed. Programs were mailed to 103 individuals, the 93 on the first mailing plus new members who sent dues with meeting registration. UNL paid the costs of mailing both the call for papers and the programs.

**MEMBERSHIP REPORT**

There are 130 individuals on the SWAP roster who either paid dues in any of the last four years (1996, 1997, 1998, or 1999), or were life or emeritus members. With one exception, those who had not paid dues in 1997 or subsequent years were dropped from the mailing and membership list. The exception was a former President and HB Ward Medalist who the Secretary/Treasurer felt should be invited to join again. Membership figures have always been somewhat inflated due to retention of individuals on the mailing list for 3 years.

Membership by State:

Texas	54
Nebraska	21
Oklahoma	15
New Mexico	9
Kansas	7
Connecticut	4
Colorado	2
Louisiana	2
Missouri	2
North Carolina	2
Arkansas	1
Arizona	1

Foreign Members:

California	1	Iran	1
Florida	1		
Michigan	1		
Wisconsin	1		
Wash., DC	1		
Mississippi	3		

Membership by Category:

Regular members	71
Student members	56
Emeritus members	1
Life members	1

I have not been notified of any deaths.

John Janovy, Jr.  
Secretary

## TREASURER'S REPORT

Checking account with: National Bank of Commerce, 1248 "O" Street, Lincoln, NE 68508

<u>Cash Accounts:</u>	<u>Balance</u>
Apr 7, 1998 Final cash balance for 1998 meeting:	\$3,183.22

<u>Income:</u>		
'98 meeting registration	\$4,200.75	
'99 meeting registration	2,702.65	
Dues	514.00	
T-Shirt sales	<u>360.00</u>	
Total	\$7,777.40	\$10,960.62

<u>Expenses:</u>		
UOBS charges ('98 meeting)	\$3,495.00	
UOBS hospitality	430.56	
Printing and photocopying	358.31	
Awards	175.00	
Bad debts (uncollectable returned checks)	<u>29.00</u>	
Total	\$4,487.87	\$6,622.75 *

\* Includes one \$29 unposted returned check (1999)

<u>Endowment Accounts</u> (University of Oklahoma Foundation):	
Becker-Hill Endowment Principle: April 6, 1999 =	\$5,367.51
Becker-Hill Endowment Income: April 6, 1999 =	\$1,896.97
(Univ of Oklahoma Foundation, telephone report April 6, 1999)	

<u>Total Assets:</u>	
Checking account	\$6,651.75
Endowment principle	5,367.51
Endowment fund (held by OU Foundation)	<u>1,896.97</u>
Total	\$13,916.23

Respectfully submitted,  
John Janovy, Jr.  
Secretary-Treasurer  
April 6, 1999

**REPORT ON 1998 ASP ANNUAL COUNCIL MEETING,  
Submitted by C.L. Chappell**

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**SOUTHWESTERN ASSOCIATION OF PARASITOLOGISTS, 1999  
Report on The American Society of Parasitologists, 88<sup>th</sup> Annual Council Meeting**

The ASP Council meeting was held on August 16, 1998 in Kona, Hawaii, during the annual meeting and was chaired by Dr. John Oaks, president of the Society.

The issues of immediate interest included:

- annual meetings,
- financial health of the Society
- journal,
- membership

The annual meeting in Kona had record-breaking attendance and number of scientific papers presented. The electronic abstract submission was widely utilized (70%) and considered successful. Recommendations by and to the Scientific Program Committee included the following: 1) meeting site choices should give consideration to selecting different parts of the country in successive years to promote attendance of members living in different parts of the country; 2) an operational planning process should be devised in order to facilitate local committees and to aid in projecting and controlling costs; and 3) planning should be done 2-3 years in advance.

The 1999 meeting will be in Monterey, CA, on July 5-8 and will be held jointly with the Society of Nematologists. Room rates are \$125.135 per night, and no special student rates will be available. Thus, travel grants will be increased to defray a portion of the cost. The ASP meeting in 2000 will be held on June 24-28 at the Caribe Hilton in San Juan, Puerto Rico. This will mark ASP's 75<sup>th</sup> anniversary.

The financial aspects of the Society are divided into endowments and operating expenses. Endowments have increased dramatically due to the performance of the stock market, are on sound financial footing, and are being used to support student travel and other special activities. The council voted to use some endowment funds to help support symposia for the upcoming annual meeting. In contrast, the operational budget is facing serious difficulties. The Society has been in a pattern of deficit spending since 1992 and has come dangerously close to depleting all operational funds. Efforts to correct this pattern instituted within the last 2-3 years has stemmed the tide, but has not reversed the trend. Council approved the following recommendations: 1) to increase institutional subscription rates by just under 10% for the next five years, 2) to increase dues every other year by \$5, 3) to cover minimal annual meeting costs from the operating budget, 4) to fully cover annual meeting expenses through registration fees and contributions, and 5) to institute page charges for the "Research Notes" section of the Journal.

The Journal was the subject of much discussion since this is the major expense of the Society. Investigation of electronic publishing capabilities are underway. The Latin American involvement in the Journal is increasing; nearly 50% of all papers published were non-North American. The Journal will initiate a new feature called "Defining the Field." This will consist of a commentary of a historically significant paper. The Journal will also invite review articles.

Renewed efforts to increase membership are being pursued by Dr. Mayberry and committee. The following initiatives were instituted:

Letters were sent to lapsed members and to non-members submitting articles to the Journal.

Personal letters were sent to new members from the Secretary-Treasurer.

Letters of invitation were sent to the Brazilian and Mexican Societies of Parasitology. The development of a brochure and other incentives are being planned. Offering of CME credit for the annual meeting was proposed.

A special rate for the Journal was proposed for retired members.

The motion from SWAP to provide a hard copy of the Society directory was put forth. The Society intends to continue offering the directory to members in this form. Additional Society information can be found on the web page.

New officers for 1998–99:

President	Larry Roberts
President-Elect	Ron Fayer
Vice-President	Phil LoVerde
Secretary–Treasurer	George Cain

The full agenda and reports for the Council meeting are available for review.

Respectfully submitted,  
Cynthia L. Chappell, Ph.D.

**REPORT OF THE RESOLUTIONS COMMITTEE, 32<sup>ND</sup> ANNUAL SWAP MEETING**

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**1999 SWAP RESOLUTIONS**

Whereas, students and faculty have once again gathered for the Annual Southwest Spring Fecal Festival,  
and

Whereas, the student papers were of superior quality, and

Whereas the Secretary–Treasurer through Janovian efforts skillfully provided for beds, board and a  
smattering of beer, and

Whereas, the Vice President using Cloptonian techniques tickled interests with a superior scientific  
program complete with cartographic quizzes, and

Whereas, President Patti treated all assembled to an enophilic delight,

The 32<sup>nd</sup> Annual Meeting of the southwestern Association of Parasitologists is declared an unconditional  
success!

Respectfully submitted,  
John R. Bristol, Chairman



**THIRTY-THIRD MEETING**  
**Southwestern Association of Parasitologists**  
**Lake Texoma, OK            13-15 April 2000**

**PROGRAM**

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**Friday, 14 April 2000**

**Oral Presentations**

- \* D. Hanna and R.E. Clopton, Peru State College, Peru, NE, "Platyhelminth parasites of muskrat (*Ondatra zibethica*) populations in the central Nebraska sandhills and the Missouri River valley."
- \* S.R. Slater and R.E. Clopton, Peru State College, Peru, NE, "Platyhelminth and nematode parasites of wild house mice, *Mus musculus*, in southeastern Nebraska."
- \* L.M. Duclos, Quinnipiac College, Hamden, CT, "*Hymenolepis nana* in pet store rodents."
- \* M.L. Steinauer, and B.D. Home, University of Nebraska, Lincoln, NE, and Southeastern Louisiana University, Hammond, LA, "Enteric helminths of *Graptemys flavimaculata* Cagle, 1954, a threatened chelonian species."
- \* D.M. Holiday, Quinnipiac College, Hamden, CT, "Archaeoparasitology of the Chiribaya of southern Peru."
- \* L.E. Grother, B. Hanelt and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "A fine-grained distribution of nematomorph larval parasites."
- \* J.E. Schawang, University of Nebraska, Lincoln, NE, "Gregarine life cycle responses in starved and fed *Tenebrio molitor*."
- \* M.J. Salmon, D.G. Huffman, A.J. Mitchell and T.M. Brandt, Southwest Texas State University, San Marcos, TX, National Aquaculture Research Center, Stuttgart, AR, and USFWS, NFHTC, San Marcos, TX, "Impact of an unnamed heterophyid trematode on the endangered fountain darter in Comal River, Texas."
- \* M.P. Collins, University of Nebraska, Lincoln, NE, "Host specificity among Monogenea of Centrarchidae species."
- \* A.L. McConnick, University of Nebraska, Lincoln, NE, "Post-cyclic transmission and its effect on the distribution of *Paulisentis missouriensis* (Acanthocephala) in the definitive host *Semotilus atromaculatus* (Cyprinidae)."

**Poster Presentation**

- M.M. Reimer, D.G. Huffman and T.M. Brandt, Southwest Texas State University, San Marcos, and USFWS, NFHTC, San Marcos, TX, "Investigation of piscivorous bird and aquatic snail interaction with an undescribed heterophyid trematode in the headwaters of the Comal and San Marcos rivers in central Texas."

### Oral Presentations

- \* X. Zhao and D.W. Duszynski, The University of New Mexico, Albuquerque, NM, "Plastid DNA in gregarine and *Perkinsus* lineages."
- \* G. Zamora and S.B. Aley, University of Texas, El Paso, TX, "Cloning and sequencing a TOR gene homologue in *Giardia lamblia*, an early-diverging eukaryote."
- \* K.C. Cornforth, R.J. Archuleta and L.F. Mayberry, University of Texas, El Paso, TX, "Suppression of *Nippostrongylus brasiliensis* self-cure by *Eimena papillata*: A hypothesis tested."
- \* D.S. Lopez, N. Whitfield and L.F. Mayberry, University of Texas, El Paso, TX, "Leukocyte and ova quantification during primary (single or trickle) and challenge infections with *Nippostrongylus brasiliensis* and/or *Eimeria nieschulzi*."
- \* S. Shadomy, C.L. Chappell and S. Waring, University of Texas School of Public Health, Houston, TX, "Seroprevalence of *Trypanosoma cruzi* in domestic canines in Harris County, TX."
- \* J.A. Wright, M.A. Coletta, A.L. Newsome and C.L. Chappell, University of Texas School of Public Health, Houston, TX, and Middle Tennessee State University, Murfreesboro, TN, "Development of an ELISA for detecting *Acanthamoeba* antibodies (IgG) in human sera."
- \* S.A. Baker, J. McDowell and C.L. Chappell, University of Texas School of Public Health, Houston, TX, "Serum antibodies to *Cryptosporidium*: Do they change over time?"
- \* C.E. Barton, D.N. Phalen and K.F. Snowden, Texas A&M University, College Station, TX, "Epidemiology and diagnosis of microsporidia in psittacine birds."
- \* Student presentations

**Keynote Address** A.L. Newsome, Middle Tennessee State University, Murfreesboro, TN, "Free-living amoebae: A potential host cell for intracellular parasites."

### Saturday, 15 April 2000

#### Oral Presentations

- K. Nayame and R.D. Cummings, University of Oklahoma Health Science Center, Oklahoma City, OK, "Immunity to the novel lactinac (LDN) and fucosylated lactinac (LDNF) glycan antigens of *Schistosoma mansoni*."
- J.A.T. Morgan, A.S. Grutter and R.D. Adlard, The University of New Mexico, Albuquerque, NM, University of Queensland, Australia, and Queensland Museum, Brisbane, Australia, "Characterising parasitic gnathiid isopod species and matching life stages with ribosomal DNA ITS2 sequences."
- B. Hanelt and J. Janovy, Jr., University of Nebraska, Lincoln, NE, "Variation in egg string, egg, larvae and cyst morphology and oviposition behavior of three species of hair worms (Nematomorpha: Gordioidae)."
- D.T. John and M.J. Howard, Oklahoma State University College of Osteopathic Medicine, Tulsa, OK, "*Naegleria fowleri* in the waters of Taylor Ferry, Oklahoma."

J.A. Hnida and R.E. Clopton, Peru State College, Peru, NE, "Survey for *Salmonella* in painted turtles and plains leopard frogs from Peru, Nebraska."

C.T. McAllister, G. Haas and N. Wilson, Tarrant County College, South Campus, Fort Worth, TX, Boulder City, NV, University of Northern Iowa, Cedar Falls, IA, "Fleas from some rodents of five southwestern states."

MINUTES OF THE 33<sup>RD</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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Minutes of the 33<sup>rd</sup> Annual Business Meeting  
Southwestern Association of Parasitologists

Prior to the business meeting, Anthony Newsome, Middle Tennessee State University, delivered the Keynote Address entitled, “Free-living amoebae: A potential host cell for intracellular parasites.” The talk was enthusiastically received, generated much discussion, and as a result the business meeting did not start until after 8:30 p.m.

- (1) The 33<sup>rd</sup> annual SWAP business meeting was called to order by President Richard E. Clopton at about 8:40 p.m., April 14, 2000, in the UOBS library.
- (2) President Clopton called for a motion to approve the 1999 meeting minutes. Cynthia Chappell so moved, Lynn Hertel seconded, and the motion passed on a voice vote.
- (3) Secretary/Treasurer Janovy presented the Secretary’s Report, in the process reviewing UOBS administrative changes and how those changes affected the SWAP meeting. Alternative dates for the 2001 meeting were presented, and the members presented suggested April 26-28, 2001, as their preference. [Janovy also afterwards scheduled the 2002 meetings for April 18-20 after the business meeting.] See files for 2000 Secretary’s report.
- (4) Secretary/Treasurer Janovy presented the Treasurer’s report [see files for report.] Al Kocan moved acceptance of the report, Lillian Mayberry seconded, and the motion passed with a voice vote.
- (5) The Auditing Committee, consisting of John Hnida and Xiaomin Zhao, reported that it had examined the books and found them to be in order.
- (6) The Student Paper Awards were presented by Brent Nickol, who reviewed both the Becker and Dresden Award histories, and talked briefly about David Becker and Marc Dresden. Lynn Hertel, chair of the ad hoc Ballot-counting Committee (Hertel, Natalie Whitfield, Miguel Rodriguez), announced the winners. There was a tie for first place, and after discussing the situation with the SWAP officers, President Clopton made an executive decision that both students would receive the full prize money of \$100 and that SWAP would make up the difference in ASP travel awards if both winners wanted to attend the national meeting. The co-winners of the Becker Award were Michelle Steinauer for her paper, “Enteric helminths of *Graptemys flavimaculata* Cagle, 1954, a threatened chelonian species,” and David Lopez for his paper (with Natalie Whitfield and L. F. Mayberry), “Leukocyte and ova quantification during primary (single or trickle) and challenge infections with *Nippostrongylus brasiliensis* and/or *Eimeria nieschulzi*.” The Dresden Award was won by Aaron McCormick for his paper, “Postcyclic transmission and its effect on the distribution of *Paulisentis missouriensis* (Acanthocephala) in the definitive host *Semotilus atromaculatus* (Cyprinidae).”

- (7) Lee Couch delivered a written ASP Representative's report and asked for questions. There were none. Jack Bristol moved acceptance of the report, Al Kocan seconded, and the motion passed with a voice vote.
- (8) The Teller's Committee (Glenn Dappen and Wilbur Owen) presented the results of the 2000 election. Dennis Richardson was named the new President-Elect and Scott Gardner was named the ASP Representative.
- (9) There was no Old Business.
- (10) During New Business, Don Duszynski made comments about the ASP/SOP meeting in San Juan, P.R. in June, 2000, indicating that the program was in press and would be mailed the first week in May. He also announced the 2001 meeting in Albuquerque (June 28–July 3), the 2002 joint meeting with ICOPA in Vancouver, and the 2003 meeting in Halifax. Duszynski also indicated that ASP was looking for sites for meetings after 2003.
- (10.1) Secretary/Treasurer Janovy briefly reviewed SWAP finances as summarized on page 2 of the Secretary/Treasurer's report, and suggested that the society begin considering ways to spend some of its money in the not-too-distant future. Jack Bristol moved to table the discussion until 2001, John Hnida seconded, and the motion passed on a voice vote.
- (10.2) Don Duszynski continued the New Business discussion with some reflections on SWAP history, how many distinguished parasitologists, Ward medalists, etc., had been members, and made a suggestion that we consider having a symposium and inviting older members back home for presentations.
- (11) Jack Bristol delivered the Resolutions Committee report, concluding that the 33<sup>rd</sup> annual meeting had been a super success!
- (12) President Clopton then passed the gavel to President-Elect Brent Nickol who moved adjournment; the motion passed unanimously.

Respectfully submitted,  
John Janovy, Jr.  
Secretary

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**SECRETARY–TREASURER’S REPORTS PRESENTED AT THE 33<sup>RD</sup> ANNUAL SWAP MEETING**

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**SECRETARY’S REPORT 2000**

Minutes of the 1999 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers, abstract form, registration information, ballot, candidate profiles, and dues notices were mailed to the 1999 members list, consisting of 153 individuals who had paid dues in either 1998 or 1999, or who were life or emeritus members; 6 calls for papers were returned. Programs were mailed to 154 individuals, including those on the first mailing, minus those who returned dues notices asking to be removed from the list, plus new members who sent dues with meeting registration prior to the program mailing. UNL paid the costs of mailing both the call for papers and the programs.

**MEMBERSHIP REPORT**

There are 196 individuals on the SWAP roster who either paid dues in any of the last three years (1998, or 1999), or paid new member dues in 2000 prior to the preparation of this report, or were life or emeritus members. Those who had not paid dues in 1998 or subsequent years were dropped from the mailing and membership list. Membership figures have always been somewhat inflated due to retention of individuals on the mailing list for 3 years.

Membership by State:

Texas	98
Nebraska	30
Oklahoma	17
Kansas	17
New Mexico	12
Connecticut	3
Mississippi	3
Missouri	3
Colorado	2
North Carolina	2
Arkansas	2
Arizona	1

Foreign Members:

California	1	Iran	1
Florida	1		
New York	1		
Wisconsin	1		
Pennsylvania	1 *		

Membership by Category:

Regular members	71
Student members	123
Emeritus members	1
Life members	1

I was notified of one death, Michael Patrick (indicated by \* above).

John Janovy, Jr.  
Secretary

## TREASURER'S REPORT

Checking account with: National Bank of Commerce, 1248 "O" Street, Lincoln, NE 68508

<u>Cash Accounts:</u>	<u>Balance</u>	
April 6, 1999 Final Cash Balance for 1999 meeting:		\$6,622.75

<u>Income:</u>		
'99 and '00 meeting receipts	\$5,116.95	
Dues	666.00	
T-Shirt sales	300.00	
Gifts	<u>40.00</u>	
Total	\$6,122.95	\$12,745.70

<u>Expenses:</u>		
UOBS charges ('99 meeting)	\$3,662.25	
UOBS hospitality	248.89	
Office supplies	36.17	
Printing and photocopying	394.50	
Awards	175.00	
T-shirt purchases	748.73	
Refund	56.50	
Change cash	<u>50.00</u>	
Total	\$5,372.04	\$7,373.66 *

Endowment Accounts (University of Oklahoma Foundation):

Becker-Hill Endowment Principle: April 10, 2000 =	\$5,386.30
Becker-Hill Endowment Available: April 10, 2000 =	\$2,421.36

(Univ of Oklahoma Foundation, telephone report April 10, 2000)

<u>Total Assets:</u>	
Checking account	\$7,374.20
Endowment principle	5,386.30
Endowment fund (held by OU Foundation)	<u>2,421.36</u>
Total	\$15,181.32

Respectfully submitted,  
John Janovy, Jr.  
Secretary-Treasurer  
April 14, 2000

\* I'm off \$0.54 and gave up trying to find the problem.

Summary of the general financial health of SWAP:

October balances for the past five years:

Oct 95	\$3,647.44
Oct 96	\$3,689.79
Oct 97	\$3,192.66
Oct 98	\$3,961.41
Oct 99	\$4,973.98

In my opinion, the October cash balances are a pretty good indicator of the overall financial health of the organization, mainly because by that time all the bills for the program year are paid, most if not all the dues have been paid, and no checking account activity occurs until January (usually). I don't believe the "extra" thousand dollars came from dues increase; I have no idea where it came from.

UOBS meeting bills plus hospitality costs for the past five years:

1995	\$3,695.67
1996	\$4,685.88
1997	\$3,984.57
1998	\$3,775.56
1999	\$3,911.84

The meeting bills for 2000 are likely to be quite a bit higher than in the past, however, members attending the meeting have also paid quite a bit more for meals and housing, so our overall financial position should not change very much over the next year.

My personal recommendation is that SWAP give some thought to spending enough of its resources so that our October balances remain around \$3000. These resources should be spent on something that promotes the interests of the society and are within the objectives outlined in Article II of the Constitution:

#### ARTICLE II: OBJECTIVES

The objectives of the association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.



REPORT ON THE 89<sup>TH</sup> COUNCIL MEETING OF THE AMERICAN SOCIETY OF PARASITOLOGISTS  
Submitted by L. Couch, April 5, 2000

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April, 2000

Report on the 89<sup>th</sup> Council Meeting of the American Society of Parasitologists

The 74<sup>th</sup> Annual meeting of ASP was held July 6-9, 1999 in Monterey, California at the Monterey Marriot Hotel. The annual Council Meeting was held the first day, with the following topics discussed and, in some cases, submitted for a vote.

1. After an introduction of the council members, the minutes of the 88<sup>th</sup> Council meeting were read and accepted unanimously.
2. It was found that there were 86 new ASP members since the 1998 ASP meeting, and again they were approved for inclusion in our membership.
3. A motion was put forth to discuss the inclusion in the *Journal of Parasitology* the Presidential Address, Ward Medal and Mentor Award speeches, and a financial status of the society. After much discussion, about taking these items OUT of the Journal and putting them somewhere else (the newsletter or directory), the motion was rejected and things will stay as they are for now. In addition, the possibility of the ASP and the Heminthological Society joining journals was discussed, but not met with good feelings.
4. An invitation to the editorial assistant of ASP Journal editor, Gerry Esch, to attend the ASP meeting in San Juan, Puerto Rico this summer 2000 was issued with the provision that the ASP would pay for airfare and hotel accommodations and that an award would be given for exceptional service.
5. A motion to hold the 2001 annual ASP meeting in Albuquerque, NM June 30–July 3, and the 2003 meeting in Halifax, Nova Scotia was passed.
6. A discussion ensued regarding what parasitological items were archived and how they were stored. It was determined that boxes of information and parasite samples were sent to Marylou Pritchard for inclusion in the collection of the Manter Museum at the Univ. of Nebraska, Lincoln.
7. Because Roy Anderson was involved in a recent car accident, the Eminent Parasitologist Lecture was postponed until the Puerto Rico meeting in 2000.
8. A discussion was held on trying to get a mailing out to the membership at least once a year a number of months in advance of the Call for Papers re: nominations for medals/awards and for more advertisement of meetings.
9. A motion was made by John Oaks to change the bylaws regarding the Distinguished Service Award to include not just ASP members, but anyone who has provided exceptional service to the society. After rereading the bylaws, it was decided that they would have to be completely rewritten; thus, the motion was rejected.
10. A motion by John Oaks to give a special award at the annual 2000 meeting to Gene and Juanita Foor for their contribution to the society was passed.
11. A motion was made by Mike Hildreth to give a maximum of \$500 for travel grants to students for the Puerto Rico 2000 meeting to help defray the costs of “international” travel. The motion was passed.

12. The Student Awards committee was advised to take into consideration a special Student Travel Award for foreign students and/or a special award for research for all students.
13. Richard O'Grady from AIBS presented information on his society as a way to recruit member societies such as the ASP. Some of the benefits offered with membership were a free subscription to BioScience, free V2 page advertising, membership lists and directories, meeting and management services and free web exposure. A motion was made for the ASP to join AIBS and was passed.
14. Marylou Pritchard proposed an ad hoc committee on "advertising" for ASP and parasitology in general. She proposed a "traveling exhibit" for museums or use of the WWW as an interactive site. A progress report will be given at the next Council meeting in 2000.
15. The New England Assoc. of Parasitologists presented a petition to become affiliated with the ASP. A motion was made for affiliation and passed.
16. President-elect Ron Fayer was asked to select a new chair for the Meeting Site Selection Committee by the time of the Puerto Rico meeting.
17. President Larry Roberts moved to have regional high school and community/junior college teachers included as guests at ASP meetings in the future. This would include paid registration fees. It was thought that this would help increase awareness of our field of study and entice these professionals to continue with their involvement in the sciences. The motion passed unanimously.
18. A motion to approve the membership nomination form and guidelines as they are now written was made and approved.
19. Finally, a new category of active membership was established starting in January 2000 that will allow increased numbers of scientists in developing countries to access membership to ASP. A reduced membership fee of \$90 for up to 6 people will include a copy of the *Journal of Parasitology*, annual call for papers, newsletter, program and abstracts, etc. A motion to make this a standard ASP practice was made and passed.
20. Larry Roberts passed the presidential "gavel" to Ron Fayer and the Council meeting was adjourned at 1 p.m.

Respectfully Submitted,

Lee Couch  
April 5, 2000

**REPORT OF THE RESOLUTIONS COMMITTEE, 33<sup>RD</sup> ANNUAL SWAP MEETING**

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**2000 SWAP RESOLUTIONS**

Whereas, the 33<sup>rd</sup> Annual Meeting of the Southwestern Association of Parasitologists was convened on the sunless shores of beautiful Lake Texoma, April 13–15, 2000, and

Whereas, the assembled bright-eyed and bushy-tailed assemblage of future parasitologists delivered 18 outstanding presentations and one poster (courtesy of Fed Ex) to the gathered ancient flati, and

Whereas, the newly established OUBS rules and regulations led to the isolation of certain senior members of the society from their domiciles, and

Whereas, the University of Nebraska motor pool attempted to provide one-way transportation for the Cornhusker parasitologists, and

Whereas, Anthony Newsom gave a scintillating evening presentation,

We declare this 33<sup>rd</sup> Annual Spring Fecal Festival to be a super success.

Respectfully submitted,  
John R. Bristol, Chairman

THIRTY-FOURTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      26-28 April 2001

PROGRAM

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**Friday, 27 April 2001**

- K. Howard, K. McClellan, J.Y. Niederkorn and H. Alizadah, University of Texas Southwestern Medical Center, Dallas, TX, "The effect of corticosteroid on *Acanthamoeba* cysts and trophozoites."
- N. Garg, K. Bhopal, R.L. Tarleton, A. Shiflett and I. Rombel, University of Texas Medical Branch, Galveston, TX, University of Georgia, Athens, GA, and University of Texas Southwestern Medical Center, Dallas, TX, "Vaccine discovery for control of *Trypanosoma cruzi* infection: A genetic approach."
- D.J. Richardson and J.A. Gauthier, Quinnipiac University, Hamden, and Yale University, New Haven, CT, "Assessment of attitudes and knowledge of pediatricians and veterinarians concerning zoonotic helminthiases."
- \* A. Smith and R.E. Clopton, Peru State College, Peru, NE, "Efficacy of sulfadimethoxine as a gregarinostat."
- \* J. Detwiler, University of Nebraska, Lincoln, NE, "Developmental polysaccharide accumulation and its implications for functional differences between *Gregarina* spp."
- D.J. Richardson, M.C. Brady, T. Santiago, D.M. Holiday and D.J. Clark, Quinnipiac University, Hamden, CT, "Development of an ELISA for detection of *Hymenolepis diminuta* infection in laboratory rats: A teaching model."
- T.J. Cook, Sam Houston State University, Huntsville, TX, "Effect of a microsporidian parasite on weight and reproductive status of imported fire ant, *Solenopsis invicta*, female alates."
- J.L. Cook, Sam Houston State University, Huntsville, TX, "Larval development of the twisted wing parasites (Hexapoda: Strepsiptera)."
- R.E. Clopton, Peru State College, Peru, NE, "Gregarines parasitizing insects in the Nebraska sandhills."
- \* R.J. Spurgin and J.A. Hnida, Peru State College, Peru, NE, "*Eimeria* spp. from fox squirrels in southeast Nebraska."
- C.T. McAllister, S.J. Upton, S.E. Trauth and D.W. Allard, Texas A&M University, Texarkana, TX, Kansas State University, Manhattan, KS, and Arkansas State University, State University, AR, "A redescription of *Eimeria macyi* (Apicomplexa: Eimeriidae) from the eastern pipistrelle, *Pipistrellus subflavus* (Chiroptera: Phyllostomatidae), from Arkansas."

\* Student Presentation

### Oral Presentations

- A. Jimenez–Ruiz and S.L. Gardner, University of Nebraska, Lincoln, NE, “Systematics of the neotropical family Aspidoderidae Skrjabin & Schikhobalova, 1947 (Nemata: Heterakoidea).”
- R.A. Jackson, C.T. McAllister, C.R. Bursley and H.M. Smith, Texas A&M University, Texarkana, TX, Pennsylvania State University–Shenango Valley Campus, Sharon, PA, and University of Colorado, Boulder, CO, “Helminth parasites of Cope’s earth snake, *Adelphicos quadrivirgatus visoninus* (Serpentes: Colubridae), from Guatemala.”
- \* J. Helt, University of Nebraska, Lincoln, NE, “Natural host specificity and description of a possible new species of *Phyllodistomum* (Trematoda: Gorgoderidae).”
- \* L.M. Duclos and D.J. Richardson, Quinnipiac University, Hamden, CT, “The pinworm *Aspicularis tetraptera* in wild house mice (*Mus musculus*): A model to address the negative binomial distribution.”
- \* S. Stater and R.E. Clopton, Peru State College, Peru, NE, “Effects of stream order on endoparasitic communities in creek chubs (*Semotilus atromaculatus*).”
- \* M.G. Bolek, Purdue University, West Lafayette, IN, “Parasites as indicators of *Ambystoma* salamander natural history, habitat use, and predator–prey relationships.”
- \* M.G. Bolek, A.R. Irizarry and A. Wolf, Purdue University, West Lafayette, and Avian and Exotic Animal Clinic, Indianapolis, IN, “The Madagascar express: Subcutaneous filariasis in the panther chameleon, *Furcifer pardalis* by *Foleyella furcata* (Onchocercidae: Dirofilarinae) in Indiana.”

### Poster Presentations

- J.E. Schawang, M.V. Reichard, A.A. Kocan, C.R. Clarke and R.W. Barker, Oklahoma State University, Tulsa, OK, “Efficacy of select macrocyclic lactones against experimental infestations with nymphal *Dechagethoc variabilis* and endoparasitic communities in cotton rats, *Sigmodon hispidus*.”
- Z. Al-Dahwi and L.F. Mayberry, University of Texas, El Paso, TX, “Comparison of suppressive effects by rodent *Eimeria* spp. on *Nippostrongylus brasiliensis*-induced peripheral blood eosinophilia.”
- K. Franco and L.F. Mayberry, University of Texas, El Paso, TX, “Transfer of *Eimeria separata* using extraintestinal tissue: An investigation to determine parasite presence in the lung, liver, and spleen.”
- N. Whitfield and L.F. Mayberry, University of Texas, El Paso, TX, “*Eimeria papillata*: Oocyst size during primary and challenge infections in *Mus musculus*.”

MINUTES OF THE 34<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by J.J. Janovy, Jr., Secretary–Treasurer

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**Minutes of the 34<sup>th</sup> Annual Business Meeting  
Southwestern Association of Parasitologists**

The 34<sup>th</sup> annual SWAP meeting took place April 26-28, 2001, at the University of Oklahoma Biological Station, Willis, OK. Prior to President Brent Nickol calling the meeting to order, Chris McAllister requested we gather for a group photograph. He took two digital pictures and indicated he was going to post them on his web site.

- (1) Brent Nickol called the meeting to order at 7:10 p.m. on April 27, 2001.
- (2) During discussion of the minutes, Don Duszynski explained his intent of last year to invite more senior members back for a 35<sup>th</sup> anniversary celebration. There was one correction to the 2000 minutes: SWAP held a moment of silence for Mike Patrick (not indicated in the distributed minutes). Lil Mayberry moved acceptance of the minutes as amended; Scott Gardner seconded; the motion passed on a voice vote.
- (3) Secretary Janovy presented the Secretary's report. There was little or no discussion; Al Kocan moved approval; John Hnida seconded; the motion passed on a voice vote.
- (4) Treasurer Janovy presented the Treasurer's report, recommending that half of the Becker-Hill Endowment earnings be put into principle. There was a little bit of discussion but no substantive actions. Jack Bristol moved acceptance; Don Duszynski seconded; the motion passed on a voice vote.
- (5) The Audit Committee, consisting of Ann Adams and Shawn Slater, reported that the books were in order. Adams delivered a poem; attendees laughed. There was a request to enter the poem into the minutes (*Listen colleagues and you shall hear/Of the banking activity of your treasurear [sic]; He dutifully deposited your money with care/And wrote the checks with balances clear; The bank statements all tallied/and the spread sheet agreed; That Dr. JJ has proceeded/As if accounting degreed.*). The report was accepted on a voice vote.
- (6) Brent Nickol announced the presentation of the awards and explained who David Becker and Marc Dresden were, and told something about their careers. Lil Mayberry and Megan Collins were the ad hoc committee to tally student scores; Megan Collins gave the report. **The Becker award** went to Matt Bolek for his paper, "The Madagascar Express: Subcutaneous filariasis in the panther chameleon, *Furcifer pardalis* by *Foleyella furcata* (Onchocercidae: Dirofilarinae)." **The Dresden award** went to Jillian Detwiler for her paper, "Developmental polysaccharide accumulation and its implications for functional differences between *Gregarina* spp."
- (7) Under ASP Representative's report, Program Officer Duszynski reviewed the plans for the 2001 ASP meeting in Albuquerque, calling special attention to the symposia, and noting that the 2001 Mentorship Award will be given to SWAP President Nickol.
- (8) Scott Gardner gave the real ASP Representative's report, reminding the membership of the web site, informing us of a gift to ASP from the Cuckler estate and the journal paper backlog, and indicating that he (SLG) is now newsletter editor (so that items can be sent to him any time).
- (9) Laura Duclos delivered the Teller's Committee report. The new Secretary/Treasurer is John Hnida, the new ASP Representative is Richard Clopton, and the President-Elect is Sidney Ewing.

- (10) During Old Business, there was a lengthy discussion of what to do about the 35<sup>th</sup> anniversary meeting in 2002. Duszynski suggested a symposium to celebrate the distinguished SWAP history, an attempt to get the Ward Medalists who were also SWAP members to come back for this meeting, and an effort to put together the history of SWAP in a document. Al Kocan moved that the next president should appoint a committee to design the celebration; Andrew Lynch seconded. Scott Gardner reminded the participants that the committee needed a budget. Brent Nickol said he would work with the new Secretary/Treasurer. The motion passed on a voice vote.
- (11) Brent Nickol brought up the matter of Jack Bristol's 2000 motion to table discussion of budget until this year. Rich Clopton moved to move half the endowment earnings to principle, John Hnida seconded. Denise Hill-Hollyday suggested spending some of our money not only to bring in speakers, but also to defray registration expenses for those presenting papers. Clopton moved to amend the motion to require that the new treasurer wait to see if the October checking balance is over \$5,000, and if it is, then budget \$2,000 for the 35<sup>th</sup> anniversary meeting; Hnida seconded. Duszynski argued against the motion. Bristol called the question; the amendment passed on a voice vote, but the main motion failed on a show of hands vote. The new president will need to appoint a 35<sup>th</sup> anniversary committee. Duclos reminded us that SWAP is about informal getting together, so that we should preserve that aspect of the meeting regardless of whatever else happens; Ewing spoke on behalf of a history; Hill-Hollyday spoke in favor of student support.
- (12) During New Business, Clopton announced that Helm Soc t-shirts would be for sale. Richardson also announced that the Federation of Societies of Parasitology also had ceased to exist.
- (13) President Nickol thanked out-going Secretary/Treasurer Janovy for his service.
- (14) Richard Clopton delivered the Resolutions Committee report, concluding that the meetings had been a success.
- (15) Brent Nickol passed the gavel to Dennis Richardson, who promptly declared the meeting adjourned.

Respectfully submitted,  
John Janovy, Jr.  
Secretary-Treasurer

**SECRETARY'S REPORT 2001**

Minutes of the 2000 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers, abstract form, registration information, ballot, candidate profiles, and dues notices were mailed to the 2001 members list, consisting of 135 individuals who had paid dues in either 1999 or 2000, or who were life or emeritus members; 21 of the mailings were returned, and one individual asked to be removed from the list. Programs were mailed to the same list minus those whose first mailing was returned or who asked to be removed from the list, plus people who sent dues with meeting registration, or registered, prior to the program mailing. UNL paid the costs of mailing the call for papers.

**MEMBERSHIP REPORT**

There are 134 individuals on the SWAP roster who either paid dues in any of the last three years (1999 or 2000), or paid new member dues in 2001 prior to the preparation of this report, or were life or emeritus members. Membership figures have always been somewhat inflated due to retention of individuals on the mailing list for 3 years, and I culled pretty heavily this year.

Membership by State:

Texas	60
Nebraska	24
Oklahoma	15
New Mexico	10
Kansas	4
Colorado	4
Connecticut	3
Mississippi	3
Arkansas	3
Missouri	2
North Carolina	1
Arizona	1

Foreign Members:

Florida	1	Iran	1
Louisiana	1		
Wisconsin	1		

Membership by Category:

Regular members	61
Student members	71
Emeritus members	1
Life members	1

I have not been notified of the death of any member.

John Janovy, Jr.  
Secretary



## TREASURER'S REPORT

Checking account with: Wells Fargo Bank (National Bank of Commerce), 1248 "O" Street,  
Lincoln, NE 68508

<u>Cash Accounts:</u>	<u>Balance</u>
April 9 Final Cash Balance for 2000 meeting:	\$7,373.66

Income:

'00 and '01 meeting receipts	\$6,324.60	
Dues	468.00	
T-Shirt sales	460.00	
Gifts	<u>40.00</u>	
Total	\$7,202.60	\$14,576.26

Expenses:

UOBS charges ('00 meeting)	\$5196.50	
UOBS hospitality	331.23	
Office supplies	59.40	
Printing and photocopying	175.25	
Awards	275.00	
T-shirt purchases	369.04	
Refund	<u>337.00</u>	
Total	\$6743.42	\$7,832.84 *

Endowment Accounts (University of Oklahoma Foundation):

Becker-Hill Endowment Principle: April 23, 2001 =	\$5,386.30
Becker-Hill Endowment Available: April 23, 2001 =	\$3,031.89
(Univ. of Oklahoma Foundation, telephone report April 23, 2001)	

Total Assets:

Checking account	\$7,833.38
Endowment principle	5,386.30
Endowment fund (held by OU Foundation)	<u>3,031.89</u>
Total	\$16,251.57

\* I'm still off \$0.54 [same \$0.54 as last year] and didn't try to find the problem this year.

Respectfully submitted,  
John Janovy, Jr.  
Secretary-Treasurer  
April 23, 2001

Summary of the general financial health of SWAP:

October checking account balances for the past six years:

Oct 95	\$3,647.44
Oct 96	\$3,689.79
Oct 97	\$3,192.66
Oct 98	\$3,961.41
Oct 99	\$4,973.98
Oct 00	\$5,294.52

In my opinion, the October cash balances are a pretty good indicator of the overall financial health of the organization, mainly because by that time all the bills for the program year are paid, most if not all the dues have been paid, and no checking account activity occurs until January (usually).

UOBS meeting bills plus hospitality costs for the past six years:

1995	\$3,695.67
1996	\$4,685.88
1997	\$3,984.57
1998	\$3,775.56
1999	\$3,911.84
2000	\$5,527.73

The meeting bill for 2000 was quite a bit higher than in past years, however, members attending the meeting also paid quite a bit more for meals and housing, so our overall financial position did not really change very much over the past year.

My personal recommendation is that SWAP move some of the endowment income over to principle, and give some thought to spending enough of our cash resources so that our October balances remain around \$3,000. These resources should be spent on something that promotes the interests of the society and are within the objectives outlined in Article II of the Constitution:

## ARTICLE II: OBJECTIVES

The objectives of the association shall be the advancement of the disciplines of parasitology, promotion of parasitological research and teaching, provide for informal discussions of research and teaching of parasitology, and fellowship among workers in parasitology and allied fields.

THIRTY-FIFTH MEETING  
Southwestern Association of Parasitologists  
Lake Texoma, OK      18-20 April 2002

PROGRAM

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**Friday, 19 April 2002**

- C.T. McAllister, C.R. Bursey and S.E. Trauth, Texas A&M University, Texarkana, TX, Pennsylvania State University–Shenango Valley Campus, Sharon, PA, and Arkansas State University, State University, AR, “Parasites of endemic *Plethodon* spp. (Amphibia: Caudata) from Arkansas and Oklahoma.”
- \* M.G. Bolek and J. Janovy, Jr., University of Nebraska, Lincoln, NE, “The role of second intermediate arthropod hosts in the transmission of frog lung flukes (*Haematoloechus* spp.).”
  - \* A.B. Brosz, University of Nebraska, Lincoln, NE, “Site specificity of Ancyrocephaline monogeneans on Large Mouth Bass (*Micropterus salmoides*).”
  - \* J.M. Helt, University of Nebraska, Lincoln, NE, “‘Pathology’ of an undescribed species of Phyllostomum to the urinary bladder of of *Fundulus sciadicus*.”
  - \* M. Bhuthimethee, N.O. Dronen and W.H. Neill, Texas A&M University, College Station, TX, “Metazoan parasite community structure in Bluegill (*Lepomis macrochirus*) as an indicator of the impact of urbanization on two streams in San Antonio, Texas.”
  - \* L. Knight and D. Zelmer, Emporia State University, Emporia, KS, “Evaluating the potential for an ‘edge-effect’ in parasite communities of lotic fishes.”
  - \* J.E. Kessler and C.T. McAllister, Texas A&M University, Texarkana, TX, “Coccidian parasites (Apicomplexa: Eimeriidae) of select rodents from western and southwestern Arkansas and Northeastern Texas.”
  - \* R.J. Spurgin and J.A. Hnida, Peru State College, Peru, NE, “*Eimeria iowaensis* from Red-sided Garter Snakes (*Thamnophis sirtalis parietalis*) in southeast Nebraska.”
  - \* B. Lowery and T.J. Cook, Sam Houston State University, Huntsville, TX, “Eugregarine diversity of *Corydalus* sp. (Megaloptera: Corydalidae) in East Texas streams.”
  - \* H. Baumert, University of Nebraska, Lincoln, NE, “The effects of geography on gregarine parasite communities in Damselflies.”
  - \* A. Smith and R.E. Clopton, Peru State College, Peru, NE, “Efficacy of oral Metronidazole and potassium sorbate against two gregarine parasites (*Protomagalhaensia granulosa* and *Gregarina cubensis* (Apicomplexa: Eugregarinida) infecting the Death’s Head Cockroach, *Blaberus discoidalis*.”
  - \* T. Haverkost, University of Nebraska, Lincoln, NE, “The effect of age on infectivity on *Moniliformis moniliformis* eggs to the intermediate host, *Periplaneta americana*.”
  - \* M.L. Steinauer, University of Nebraska, Lincoln, NE, “The effect of cystacanth size on adult success.”

- \* L.M. Duclos, University of Nebraska, Lincoln, NE, “Density-dependent host–parasite relationships of *Corynosoma constrictum* (Van Cleave, 1918), Acanthocephala, within its intermediate host.”
- \* H.-W. Chen and N.O. Dronen, Texas A&M University, College Station, TX, “Community structure of helminth parasites from pocket gophers.”
- \* J. McJunkin and D. Zelmer, Emporia State University, Emporia, KS, “Evaluating wild turkeys (*Meleagris gallapavo*) as a model system for investigating the Hamilton–Zuk hypothesis.”
- \* R.A. Murray, N.O. Dronen and C.K. Blend, Texas A&M University, College Station, TX, “Endohelminths of six species of vulnerable and endangered turtles confiscated by international authorities in Hong Kong.”
- \* J.M. Garvon and J. Bird, Northern Michigan University, Marquette, MI, “Effects of *Parelaphostrongylus tenuis* larvae on *Anguispira alternata* feeding preference of White-tailed Deer (*Odocoileus virginianus*) feces.”
- \* M. Wise and J.K. Moore, Colorado State University, Ft. Collins, CO, “Parasite-induced behavioral alterations of mosquito larvae infected with a mermithid nematode.”
- \* H.V. Evers, A.A. Kocan and J.H. Meinkoth, Oklahoma State University, Stillwater, OK, “Coyotes (*Canis latrans*) as an experimental host for the Oklahoma isolate of *Babesia gibsoni*.”
- \* M. Reichard, A. Kocan and R. Van Den Bussche, Oklahoma State University, Stillwater, OK, “Sequence variation of the Internal Transcribed Spacer 2 rRNA gene of two spatially and temporally distinct ‘populations’ of *Amblyomma americanum* (Acari: Ixodidae).”
- \* M.S. Brain and T.J. Cook, Sam Houston State University, Huntsville, TX, “Relationship between *Thelohania solenopsae*-infected fire ants and the abundance and diversity of other ants and arthropods.”
- \* Student presentations

### Saturday, 20 April 2002

- D.J. Richardson, J.A. Gauthier and J.A. Koritko, Quinnipiac University, Hamden, and Yale University, New Haven, CT, “Parasitology education in North America.”
- M.S. Ewing, Oklahoma State University, Stillwater, OK, “*Ichthyophthirius*: History of an everyday parasite.”
- J.A. Hnida, Peru State College, Peru, NE, “*Eimeria* spp. from *Peromyscus* and *Reithrodontomys* in southeast Nebraska.”
- C.K. Blend, R.M. Overstreet and S.S. Curran, University of Southern Mississippi, Ocean Springs, MS, “Life history information on *Austrodiplostomum compactum*, *Bursacetabulus pelecanus* and *Bursatintinnabulus macrobursus* (Digenea: Diplostomidae) parasitizing birds and pond-raised catfish in Louisiana: A synergism of morphology and molecules.”
- M.A. Barger, Peru State College, Peru, NE, “Life cycle and transmission of *Plagioporus sinitsini*.”

**Poster**

Z. Al-Dahwi, L.F. Mayberry and J.R. Bristol, The University of Texas, El Paso, TX, “Comparison of rodent *Eimeria* spp. effects on *Nippostrongylus brasiliensis* fecundity.”

**MINUTES OF THE 35<sup>TH</sup> ANNUAL SWAP MEETING,  
Submitted by J. Hnida, Secretary–Treasurer**

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**Minutes of the 35<sup>th</sup> Annual Business Meeting  
Southwestern Association of Parasitologists**

The 35<sup>th</sup> annual SWAP meeting took place April 18-20, 2002, at the University of Oklahoma Biological Station, Willis, OK.

- (1) Dennis Richardson called the meeting to order at 19:18 on April 19, 2002 and welcomed Sharon Patton (President of ASP) to SWAP.
- (2) Sharon Patton extended her greetings to SWAP, exhorted non-members of ASP to join, told some stories, praised SWAP and other regional parasitological societies, and thanked SWAP for the invitation and warm reception.
- (3) Minutes of the 34<sup>th</sup> Annual Meeting: Mike Barger moved acceptance; Larry Roberts seconded; motion passed on a voice vote.
- (4) John Hnida presented the Secretary's Report.
- (5) John Hnida presented the Treasurer's Report. John Janovy suggested that SWAP spend enough cash reserves to keep the October balance around \$3,000. Al Kocan moved to accept the Secretary's and Treasurer's reports; Don Duszynski seconded; motion carried on a voice vote.
- (6) The Audit Committee (Laura Duclos and Mary Bhuthimethee) reported, in rhyme, that the books were in order. After some laughter and applause, the report was accepted on a voice vote along with a request to include the rhyme in the minutes: *Despite our mathematical incompetence, and reliance on computational devices; The books all checked out, the budget's all balanced; This audit committee thus surmises: That the Association has, without a doubt, met with financial compliance.*
- (7) Student Presentation Awards: Dennis Richardson announced that Wilbur Owen added \$50 to the Becker Award this year, and would continue to do so for the next 10 years. Dennis also announced this was the first year for Honorable Mention Awards (1 undergraduate award for \$50, 1 graduate student award for \$50). Lillian Mayberry gave historical information about David Becker and Marc Dresden and reported the recipients of this year's awards. **The Becker Award** went to Matt Bolek for his paper, "The role of second intermediate arthropod hosts in the transmission of frog lung flukes (*Haematoloechus* spp.)"; **the Dresden Award** went to Mason Reichard for his paper, "Sequence variation of the ITS-2 rRNA gene of two spatially and temporally distinct 'populations' of *Amblyomma americanum* (Acari: Ixodidae)"; the Honorable Mention, Graduate Student Award went to Michelle Steinauer for her paper, "The effect of cystacanth size on adult success"; the Honorable Mention, Undergraduate Student Award went to Terry Haverkost for his paper, "The effect of age on the infectivity of *Moniliformis moniliformis* eggs to the intermediate host, *Periplaneta imericana*."
- (8) The ASP Representative's Report was given by Dennis Richardson, who reported on: student concerns over the affordability of meeting sites, ASP's attempts to lower costs to the students, and the recommendation that students apply for travel awards. Don Duszynski spoke about the project that he and Lillian Mayberry were pursuing on the history of SWAP; Don asked members to contribute their more memorable personal experiences. He also encouraged attendance to the upcoming

ing ASP/ICOPA meeting. Lee Couch reported there would be an educational workshop on “Targeting and Teaching Parasitology” (for middle school, high school and undergraduate teaching) at the ASP/ICOPA meeting.

- (9) Al Kocan delivered the Teller’s Committee report, announcing that the new ASP Representative would be Scott Gardner, and the President-Elect would be Scott Snyder.
- (10) Old Business—none.
- (11) New Business: John Janovy moved, Don Duszynski seconded that the Honorable Mention Awards (Graduate and Undergraduate) be officially instated; motion carried by a voice vote. John Janovy moved, Don Duszynski seconded that SWAP buy a new portable PA system; motion carried by a voice vote. Michelle Steinauer moved that, beginning this year and effective thereafter, SWAP provide each student presenter with a free SWAP tee shirt; John Janovy seconded; motion carried by voice vote. Rich Clopton moved and John Janovy seconded that:  
a) SWAP transfer the Becker-Hill endowment from the U. of Oklahoma Foundation to an account that would be more accessible to the Secretary–Treasurer, and b) once the transfer was done, we consider moving one half of the October SWAP checking account balance into this new account. Motion carried by a voice vote. Sidney Ewing noted that 23 of 28 abstracts were submitted electronically this year and suggested that Scott Snyder amend the abstract submission form to encourage electronic submission. He also suggested that Scott amend the form so that students can indicate if they are undergraduate or graduate students.
- (12) Mike Kemp and Wilbur Owen delivered the Resolutions Committee report, concluding that the meeting had been a success.
- (13) Dennis Richardson passed the gavel to Sidney Ewing, who thanked Dennis and promptly declared the meeting adjourned at 20:49.

Respectfully submitted,

John Hnida  
Secretary–Treasurer

**SECRETARY’S REPORT 2002**

Minutes of the 2001 meeting, prepared by John Janovy, Jr., were distributed.

Call for papers, abstract form, registration information, ballot, candidate profiles, and dues notices were mailed to 165 individuals who had paid dues in either 2000 or 2001, or who were life or emeritus members; 21 of the mailings were returned. Programs were mailed to the same list minus those whose first mailing was returned, plus people who sent dues with meeting registration, or registered, prior to the program mailing. SWAP paid the cost of mailing the call for papers.

**MEMBERSHIP REPORT**

There are 160 individuals on the SWAP roster who either paid dues in 2000 or 2001, or paid new member dues in 2002 prior to the preparation of this report, or were life or emeritus members.

Membership by State:

Texas	72
Nebraska	30
Oklahoma	17
New Mexico	10
Kansas	8
Colorado	4
Connecticut	3
Arkansas	3
Mississippi	2
Missouri	2
North Carolina	1
Arizona	1

Foreign Members:

Florida	1	Iran	1
Louisiana	1		
Wisconsin	1		
Oregon	1		
Illinois	1		
California	1		

Membership by Category:

Regular members	71
Student members	87
Emeritus members	1
Life members	1

John Hnida  
Secretary–Treasurer



## TREASURER'S REPORT

Checking account with: Tier One Bank, 1301 J Street, Auburn, NE 68305

<u>Cash Accounts:</u>	<u>Balance</u>
April 23, 2001 cash balance for 2001 meeting:	\$7833.38

<u>Income:</u>		
'01 and '02 meeting receipts	\$5,313.50	
Dues	470.00	
T-Shirt sales	280.00	
Gift	<u>40.00</u>	
Total	\$6,103.50	\$13,936.88

<u>Expenses:</u>		
UOBS charges ('01 meeting)	\$3,603.50	
UOBS hospitality	311.47	
Office supplies	16.00	
Printing and photocopying	341.92	
Awards	175.00	
Check Order	52.84	
Returned check & bank charge	20.00	
Mailing ('02 meeting)	99.71	
T-shirts	<u>238.50</u>	
Total	\$4,858.94	\$9,077.94

Endowment Accounts (University of Oklahoma Foundation):

Becker-Hill Endowment Principle: April 6, 2002 =	\$5,386.30
Becker-Hill Endowment Available: April 6, 2002 =	\$3,428.98

(Univ. of Oklahoma Foundation, telephone report April 6, 2002)

<u>Total Assets:</u>	
Checking account	\$9,077.94
Endowment principle	5,386.30
Endowment fund (held by OU Foundation)	<u>3,428.98</u>
Total	\$17,893.22

Respectfully submitted,

John Hnida  
Secretary-Treasurer  
April 14, 2002

**2002 SWAP RESOLUTIONS**

Whereas, the Southwestern Association of Parasitologists have convened for its 35<sup>th</sup> Annual Meeting once again on the luscious, verdant and fecund shores of Lake Texoma in the Grand and Glorious State of Oklahoma, and

Whereas, once again the University of Oklahoma Biological Station had provided resources, context, environment and facilities for migrating and grazing parasitologists, and

Whereas, Larry Weidner, Director of UOBS, Frank Henry, Supervisor from Norman, OK, and Richard Page, Manager of the Physical Plant for UOBS, have lent their considerable collective talents and skills to provide a supportive, safe and conducive environment for the spirited exchange of scientific knowledge, and

Whereas, Lisa Reed, Kitchen Manager, Connie Mayans and Penny Dutton have once again manifested their gustatory magic with a series of delectable delights that make the Saucieys of New Orleans salivate with salubrious envy, and

Whereas, John Hnida, Secretary–Treasurer, has duely collected all funds due, Sidney Ewing, President–Elect and Program Chair, has assembled and organized a virtual orgy of intellectual stimulations and Dennis Richardson, President, has bravely and forthrightly established and maintained the lofty standards of collegial interaction for the meeting and provided Connecticut spirits, and

Whereas, Jill Detweiler, Jennifer Schawang, and Lara Donnally have sat and assiduously evaluated all presenters and scored the student presentations with incisive judgement, and

Whereas, Don Duszynski, Lillian Mayberry and Karl Reinhard have wisely and sagely evaluated the results of the student judges, and

Whereas, Holly Evers, Mason Reichard, Jennifer Schawang, Andrea Schank, Autum Smith, Rebecca Spurgin, Matthew Bolek, Jill Detwiler and Jason Garvan have co-chaired the sessions with firmness and fairness and an eye on the clock, and

Whereas, Sharon Patton, President of ASP, brought SWAP greetings from the mother society and urged SWAP members to join ASP in the most compelling terms, and

Whereas, the scientific presentations have stimulated much scholarly interaction representing studies from several States of SWAP including: Nebraskan bladder flukes (and why do fish have bladders, anyway?), the bathroom habits of Texas pocket gophers, Kansan wild turkey snoods, Oklahoma wiley coyotes, Michigander white-tailed deer poop gourmets, moody Coloradan mosquito larvae, Louisianan catfish brain hiccoughs, and a Connecticut assessment with parasitologists as an endangered species, and

Whereas, the Southwestern Association of Parasitologists saw fit to recognize 10 Henry Baldwin Ward Medalists who are or were members of SWAP, Clark Read, Richard Lumsden, Frank Sogandares-Bernal, Richard Seed, Raymond Damian and Calvin Beams in absentia and Larry Roberts, Gil Castro, Steve Upton and Mike Kemp present to receive recognition as Old Past Ward Medalists, and

Whereas, the Spirits of all SWAP members from 35 years of consecutive meetings visited the current meeting and found the quality of scholarship, the professionalism evinced by the presentations, the

congeniality of the attendees, and the general ambiance of the meeting to be consistent with the highest standards ever set forth by the Southwestern Association of Parasitologists, then

Be it therefore resolved that on this 19<sup>th</sup> day of April, 2002, the 35<sup>th</sup> meeting of the Southwestern Association of Parasitologists be declared an unqualified success and that these resolutions be spread upon the minutes and recorded for posterity.

Respectfully submitted,  
Will Owen  
Mike Kemp