

## ASSOCIATION NEWS

The final meeting of the 1981-2 Board of Directors was held on Sunday, April 18, 1982; the Annual Business Meeting of the Association was held on Wednesday, April 21 and the first meeting of the 1982-3 Board of Directors was held on April 21. All meetings were conducted in the Capitol Plaza Holiday Inn, Sacramento, California. In accordance with instructions of the Board of Directors, the reports of these meetings have been condensed for printing in *Mosquito News*, to permanently record significant developments while keeping publication expenses to the minimum. Complete records and the committee reports are available at the Central Office in Fresno, California.

CONDENSED MINUTES, FINAL  
MEETING OF THE 1981-2 BOARD OF  
DIRECTORS, AMCA, APRIL 18, 1982

Call to order: President Claude Schmidt called the meeting to order at 9:10 am.

Attendance: Present: Claude H. Schmidt, President; Richard C. Axtell, President-Elect; Jimmy K. Olson, Vice President; Robert K. Washino, James R. Caton, John C. Kuschke, Brandt Watson, Robert D. Sjogren, Max V. Meisch, William F. Rapp, Jr., Peter Belton, Don Womeldorf, Thomas D. Mulhern, Linda G. Raiche. Others present were: Gilbert L. Challet, Mark Dawson, Mel Boreham, Wayne Crans, Glen Collett, Oscar Fultz, Steve Romney, A. W. Morrill, Lewis T. Nielsen, Ronald A. Ward, W. M. Visser, Don Pletsch, Allen Hubbard, Richard Morton, Stuart McCausland, Gene Gerberg, Marco Giglioli, Lamar Meek, Don Sutherland, Wayne Miller and wife Mavis, Edgar A. Smith and Richard F. Peters.

Parliamentarian: President Claude Schmidt appointed Marvin Kramer as Parliamentarian for this meeting.

Minutes: Report of the Interim Board Meeting, held October 5, 1981 in Medford OR was approved as distributed. Motion by Dom Womeldorf, seconded by Jimmy Olson, approved unanimously.

President's Introductory Remarks, by Claude H. Schmidt: "1981 has been a very busy and productive year for AMCA, and it has been a privilege and a rewarding experience to serve as president. I want to thank all who have contributed time and energy for AMCA this past year, including the officers, directors, central office staff, committee workers, and

members. I am especially grateful for the help provided me by our Executive Director, Tommy Mulhern.

"The Interim Board Meeting was helpful and this society has so much business to conduct that we could hardly do without the mid-term meeting. I participated in four regional and state meetings. We ended the 1981 fiscal year in the black. Treasurer Jim Caton will provide more information on that. Membership as of the end of December 1981 was only 2191, down by nearly 90. To help turn this around we have a nice brochure which Dick Axtell composed. For *Mosquito News*, this was a year in transition with Ron Ward replacing Bill Bickley as the Editor and James Nelson replacing Hugo Jamnback, one of two associate editors. During 1981, the Darsie/Ward Key and the Directory of Mosquito Control Agencies were published. Bulletin #1, revised is nearly ready to go to press. Other bulletins are 'in the works'. During the year I had correspondence with government agencies and members of Congress to express concern or to express thanks for what they have done for AMCA. Letters were sent to Congressmen and women and to heads of several agencies, including the Department of Health and Human Services, and the US Department of Agriculture. We need to provide feedback representing mosquito workers at the national level and at the regional, state and local operating levels. We certainly need good communications".

Report of the Executive Director, by T. D. Mulhern (Attachment #1): This lengthy report, containing numerous recommendations, distributed and read. It was accepted on motion by Jimmy Olson, seconded by Peter Belton, approved unanimously, the recommendations to be acted upon separately after due consideration.

Recommendation that incentives be offered for early payment of dues. Referred to incoming Board of Directors. Motion by Don Womeldorf, seconded by William Rapp, carried.

Recommendation that LECO (Lowndes Engineering Co.) be classified as "Benefactor" for 1982. Motion by Jimmy Olson that LECO (Lowndes Engineering Company) be designated as a "Benefactor" for 1982 in appreciation for their 1982 grant of \$1000 to underwrite costs of the Memorial Lecture Program, and that a special certificate suitable for framing be provided LECO indicating that for 1982

it is a Benefactor and Sponsor of the Memorial Lecture. Seconded by Peter Belton, carried unanimously.

Motion that the classification of "Benefactor" be referred to the Policy Committee for review and establishment of guidelines specifying how "Benefactors" are designated, who are so classified, how "Benefactors" can be established in the future, and how they can be properly acknowledged. Seconded by William Rapp, carried unanimously.

Recommendation that insurance requirements of AMCA be studied. Motion by William Rapp that insurance requirements for AMCA be studied by the Central Office Committee and Executive Director. Seconded by Don Womeldorf, carried unanimously.

Recommendations relative to proposed guidelines: Motion by Don Womeldorf that recommendations related to revised guidelines be referred to incoming Board of Directors. Seconded by Jimmy Olson, carried unanimously.

EPA guidelines for pesticide devices: Motion by Richard C. Axtell that proposed EPA guidelines be referred to the Legislative Committee and Scientific and Regulatory Liaison Committee for study and recommendations as early as possible to the Board of Directors to allow early action. Seconded by William Rapp, carried unanimously.

Recommendation that a complete set of *Mosquito News* be presented to the Library of the University of South Carolina Vector Control Training Center in accordance with the request of Edgar A. Smith. Motion by Robert K. Washino that the request and recommendation be approved. Seconded by James Caton, carried unanimously.

Treasurer's report, by James Caton: The Auditor's Report for 1981 (Attachment #2) shows that gains have been made in AMCA finances, with total assets on December 31, 1981 of \$134,117.62,\* compared to the figure at the end of 1980 in the amount of \$106,002.35, for a gain of \$35,220.46. One major factor must be taken into account: billing in the amount of \$29,500 for printing the Darsie/Ward Key was delayed until February 1982, but even if that invoice had been presented on time and paid as budgeted, the gain for the year would still show about \$6000. After thorough explanation of various items in the 1981 Treasurer's Report and in the 1982 Budget, which shows, subject to revision, projected re-

ceipts of \$158,421 and expenditures \$159,061, the Auditor's Report for 1981 and the Treasurer's Report were approved, and the revised 1982 budget accepted subject to revision by the incoming Board of Directors. Motion by Jimmy Olson, Don Womeldorf seconded, carried unanimously.

Motion that the stocks held by AMCA be sold as early as the value of the stocks reaches at least 85% of the original cost, the final decision left to the judgment of the Treasurer and the Finance Committee. Motion by Richard C. Axtell, seconded by William Rapp, carried unanimously. Robert Washino complimented the Treasurer on his explanation of the financial condition of AMCA, and the manner in which the budget and financial matters are handled.

Report of the Finance Committee by Gilbert Challet: After discussing the factors and the careful management of AMCA funds that have increased the financial stability of AMCA, Mr. Challet called attention to the substantial income from interest earnings, and proposed that a recommendation be adopted calling for AMCA to set as a target for the future the establishment of earning reserves of \$200,000, to assist in the funding of AMCA projects and to prepare for any major emergencies. Don Womeldorf moved acceptance of the report of the Finance Committee and approval of the recommendation. Seconded by Robert Washino, carried unanimously.

Report of Business Manager: Motion to approve by Jimmy Olson, seconded by William Rapp, carried unanimously.

Report of Publications Committee by Don Sutherland: This report contained recommendations relating to publication charges on invitational papers, and upon the style to be adopted for future bulletins. After lengthy discussion, President Schmidt requested Don Sutherland to meet with the Editor of *Mosquito News* and the Treasurer, and then present the recommendations relating to page charges, with any revision that may be made to the incoming Board of Directors. Don Womeldorf moved acceptance of Recommendation #2 relating to format of publications. Seconded by Jimmy Olson, carried unanimously.

1983 Annual Meeting: T. Wayne Miller provided a very detailed and clear explanation of the arrangements for the 1983 joint meeting to be held at the Contemporary Hotel, Lake Buena Vista on February 27-March 3, 1983. Florida Anti-Mosquito Association will seek to print the papers in the Florida journal. A general mailing will be sent by FAMA in July, including reservations and registration cards.

\* Excluding Fund Balance—Univ: State of New York, \$253.33 and equipment \$6,851.86.

The Florida Association has agreed to a contract similar to the one accepted by the California Association, and has signed it, contingent upon signature for AMCA. Delegates are cautioned to make reservations early, since the hotel will not hold rooms past the cut-off date. Richard C. Axtell moved approval of the agreement for services for the 1983 Annual Meeting and directed the Executive Director to sign on behalf of AMCA. Seconded by Brandt Watson, carried unanimously.

*Mosquito News*, Report of the Editor: Ronald Ward presented the report, including a recommendation that the page size be changed. Motion to approve the Editor's report by William Rapp, seconded by Jimmy Olson, carried unanimously.

Report of the Editorial Board: Submitted by Harold Newson, accepted as an informational report.

Report of the Chairman of the Index Committee: Submitted by David E. Reed, Chairman, accepted as an informational report.

Report of Operational Articles Committee: Presented by Steven Romney, Chairman, including recommendations for future activity. Accepted on motion by Robert Washino, seconded by Bill Rapp, carried unanimously. (Subsequently the functions of the Committee were merged into the Publications Committee).

Report of the Editor, *Mosquito Systematics*: Presented by Lewis T. Nielsen. During 1981 there were only sufficient manuscripts submitted to publish two numbers. Therefore, it is recommended that the first 1982 issue be volume 14, #1, and that 1981 subscribers be given a credit of \$5.00 to compensate for the 2 numbers that were not published. Richard Axtell moved that *Mosquito Systematics* proceed to volume 14 for 1982, and that an automatic credit of \$5.00 be extended to 1981 subscribers. Seconded by Jimmy Olson, carried unanimously.

Recommendation that page charges be increased to compensate for increased costs, and reprint and page charges also be increased. Richard C. Axtell moved that page charges for *Mosquito Systematics* be \$15.00 per page effective for papers submitted after July 1, and the recommended increases be made in reprint charges and plate charges. Seconded by William Rapp, carried unanimously.

Report of AMCA Newsletter Committee, by Don Womeldorf, Chairman: Accepted as an informational report.

Report on publication, "Identification and Geographical Distribution of the Mosquitoes of North America, North of Mexico": Informational report presented by the Executive Director. Investment in this excellent book has

totalled about \$44,000, of which nearly \$27,000 has been recovered in income. Every possible practicable effort must be made to continue to sell copies, in order that the income may be devoted to publishing other bulletins, etc.

Report on Bulletin #1, presented by T. D. Mulhern, Executive Director. This publication was withdrawn from the original printer, and it was then discovered that captions had not been furnished for the illustrations. These have finally been received, and when the clerical aftermath of this meeting has been cleared away, a printing agreement can be negotiated with another printer. Reports on the Key and on Bulletin #1 were accepted as informational reports, on motion by William Rapp, seconded by Jimmy Olson, carried unanimously.

Report on Bulletin #2, submitted by Carl Rathburn, and read in his absence. Jimmy K. Olson moved that the report be accepted, and the recommendation for funding illustrations be approved. Seconded by Brandt Watson, carried unanimously.

Report on Bulletin #6, submitted by H. C. Chapman, and read in his absence. Don Womeldorf moved that the report be accepted, and that Dr. Chapman be asked to write the authors for a deadline on the two sections still pending, and to expedite completion as early as possible. Motion seconded by Robert Sjogren, and carried unanimously.

AMCA Librarian and Custodian of Publications: Don Merritt was not present. Motion made by Jimmy Olson that a letter be sent to the Board of Trustees of Consolidated Mosquito Abatement District, expressing appreciation for storing AMCA publications, and for services provided by Don Merritt. Seconded by William Rapp, carried unanimously.

Program evaluation of the 1981 Meeting, San Antonio: Jimmy Olson submitted the report at the last Interim Meeting of the Board of Directors.

Program Committee report, 1982 meeting, Sacramento: Presented by Jimmy Olson, Chairman. Written report has been distributed. There were 203 papers listed. Particular thanks were extended to Embree Mezger and Allen Hubbard for cooperation. Richard Axtell moved to accept the report, seconded by Brandt Watson, approved unanimously.

Report of the Policy Committee, presented by Oscar Fultz: Motion by Don Womeldorf to accept report as informational, seconded by Robert Washino, approved unanimously. Nomination procedures as provided in bylaws: After lengthy discussion it was the consensus that this procedure should be reviewed. Mo-

tion by John Kuschke that a questionnaire be placed in the *Newsletter* to obtain responses as to whether the bylaws provisions for nominations should be changed, and that an affirmative argument for changing the bylaws, and negative argument opposing the change be developed. Seconded by Jimmy Olson, carried unanimously.

Report of Financial Support Committee: No report. Reed Roberts has implied that he would like to be relieved from the chairmanship.

Report of the AMCA Foundation Fund Advisory Board: Robert Sjogren, Chairman, reported that the committee has been inactive, and suggested that this chairmanship be passed on to someone else. Richard C. Axtell indicated that the use of the word "Foundation" may be inappropriate. Motion by Richard C. Axtell, that the title be changed to "AMCA Special Fund," with no changes in guidelines or procedures. Seconded by Brandt Watson, carried unanimously.

Report of the John N. Belkin Memorial Fund: Eugene Gerberg reported on the work of the committee, and identified several problems relating to eligibility of individuals to receive this award. It was the consensus that the guidelines for these funds should be reviewed. Motion that the report on the John N. Belkin Memorial Fund be accepted. Seconded by Jimmy Olson, carried unanimously.

Report of the World-wide Committee, by Eugene Gerberg: Reported that the new "World Wide Directory of Vector Research and Control Specialists" has been completed and is on display. A revised edition will be compiled next year. A limited number of copies have been provided AMCA for distribution. It may be distributed free or sold at \$25.00 per copy. After discussion, Peter Belton moved that it be distributed free, but that recipients be invited to contribute a dollar or two to cover costs of packing and shipping. Seconded by Don Womeldorf, approved unanimously.

Report of Membership Committee: Presented by Richard C. Axtell, including recommendation that the Regional Directors or persons designated in the director's absence, speak on behalf of AMCA and distribute membership brochures at all local, state, and regional meetings related to mosquito control, and that membership brochure be improved to show that memberships are for individuals, and subscriptions for non-individuals. Don Womeldorf moved acceptance of the recom-

mendations, seconded by William Rapp, approved unanimously.

Commercial logo: A member protested the use of the AMCA logo in advertising by a commercial firm. It was suggested that in lieu, a special logo might be developed. This matter was referred to the incoming Board of Directors.

Report of the Central Office Committee: Richard C. Axtell, Chairman, reported at length upon the evolution of the Central Office Committee, and the consideration given to the needs of the Central Office for updated equipment, probably a computer and related items. James Caton outlined the experience of California MADs with computers, and the review of available brands that had been carried out by the Central Office Staff. To have a good local service and supply is very important, and applicable software is a further important consideration, and these factors influenced the choice of computers by districts in California. Many companies can supply satisfactory hardware, but few have good variety in their own software, designed especially to run on their computers. Dr. Axtell proposed that the Central Office Committee review the information available at this meeting, and provide a subsequent recommendation to the Board of Directors. This procedure was accepted, and action deferred until the meeting of the incoming Board of Directors.

Photo Salon Committee: John Barber reported a successful salon, and recommended that for 1983 the mosquito salon be combined with the insect salon. The recommendation was deferred to the incoming Board for consideration.

Report of the Scientific and Regulatory Liaison Committee: President Schmidt presented a letter from Chairman H.C. Chapman. Richard C. Axtell moved that beginning with 1982 the functions of the Legislative Committee be assigned to the Scientific and Regulatory Liaison Committee. Seconded by Don Womeldorf, approved unanimously.

Report of the Public Information Committee: Chairman Russell E. Fontaine provided a report which was read in his absence. The committee is continuing to seek a sponsor to fund a film on mosquito control.

Report of the Nominations Committee by Robert K. Washino, Chairman: This informational report was distributed previously by the chairman.

Report of the Awards Committee by Robert K. Washino, Chairman: After considerable

discussion, Jimmy Olson moved that the Photo Salon and John N. Belkin Memorial Fund be made sub-committees of the standing Awards Committee. Seconded by Brandt Watson, approved unanimously. It was the consensus that both awards and nominations should be determined by the time of the Interim Meeting of the Board of Directors, to allow ample time for the Board to act on recommendations relating to awards, and to leave time for the preparation of awards, conduct of an election, etc.

**Report of the Ethics Committee:** Keith Wagstaff presented the report in the absence of Chairman Jay Graham. Richard C. Axtell moved that the recommendation of the committee be accepted, to the effect that AMCA has no need for an ethics committee. Seconded by Robert K. Washino, approved unanimously.

**Report of the Bylaws Committee:** Report submitted by Mir Mulla, Chairman, was read in his absence by President Schmidt. The committee had considered the possibility of establishing regional directors for areas not yet included within established regions. Jimmy Olson moved that the report be accepted, and that action be deferred until a further meeting of the committee. Seconded by Don Womeldorf, carried unanimously.

**Historical Records Committee:** Lamar Meek reported upon the activity of this committee and expressed appreciation to the individuals who had provided material. He further recommended that the function of the committee be combined with that of the Historical Museum. Motion by Jimmy Olson to accept the recommendation that Historical Records be combined with the Historical Museum. Seconded by Don Womeldorf, approved unanimously.

**Historical Museum Committee:** In the absence of the chairman, Robert Ostergaard, John Kuschke remarked that the project is going forward in collaboration with the "Archives and Artifacts in Mosquito Control Technology" established at Rutgers University in the room which was occupied by D. M. Jobbins, former head of the laboratory, with limited financial support from the Experiment Station and from the NJMCA. A representative display is planned for the 1985 joint meeting in Atlantic City.

**Report of the Automated Data Processing Committee:** Ray Russo, Chairman, was not present and there were no recommendations in his report. Jimmy Olson moved acceptance of the report, seconded by Don Womeldorf, carried unanimously.

**Report of the National Mosquito Control, Fish and Wildlife Coordination Committee:** Wayne Crans, Chairman, presented an informational report. Motion by Jimmy Olson to accept the report, seconded by Robert Washino, carried unanimously.

**Report of the Training Committee for annual meetings:** Report submitted by D. Bruce Francy, Chairman, was reviewed by President Schmidt. Motion by William Rapp to accept report, seconded by Robert Sjogren, approved unanimously.

**1985 Annual Meeting:** John Kuschke reported that the Resorts International Hotel has been completely refurbished, a new tower section will be added before 1985, and the proposed meeting and exhibits areas are excellent. All systems are "go" for 1985.

**1986 Annual Meeting:** Robert Sjogren reported that Minneapolis has excellent hotels and indicated that greater economy in room rates could be had by beginning the meeting on Thursday, going through the weekend and terminating on Monday. It was the consensus that Thursday through Monday would be quite satisfactory. Motion by James Caton to approve the report, seconded by William Rapp, carried unanimously.

**Extension Representative position:** President Schmidt reported that this had been discussed at the Interim Board Meeting in Medford, and he had provided feedback to Mr. Peters. Mr. Peters was invited to address the board, and did so, giving his views about the position of Extension Representative. New business: Deferred to the meeting of the incoming Board of Directors. Adjournment: By President Schmidt at 4:40 pm.

#### CONDENSED MINUTES, AMCA GENERAL BUSINESS MEETING, APRIL 21, 1982

Call to order: By President Claude H. Schmidt, 10:20 am.

**Parliamentarian:** Marvin Kramer appointed by President Schmidt to serve for this meeting. **Necrology:** The following members were taken from this life during the past year, and were honored and commemorated by a moment of silence: William P. Clark, Morris Plains, NJ; Fred A. Compiano, Stockton, CA; Lee Kay, Salt Lake City, UT; Cornelius W. Kruse, Baltimore, MD; William Schmidt, Del Valle, TX; Harry L. Stevens, Sr., Richmond Hill, GA and W. Leo West, Brea, CA.

Minutes, 1981 Annual Business Meeting: Printed in *Mosquito News*, Vol. 41 #3, page 574.

Motion to approve as printed by W. E. Bickley, seconded by T. Wayne Miller, approved unanimously.

Review of year since 1981 Annual Meeting: To save time, President Schmidt summarized various highlight items of the year as follows, and subsequently called upon Executive Director Mulhern to present additional information. The delegates were invited to call for a separate vote on any item that appeared to require separate action, but voting upon routine matters reported was deferred until the end of the meeting.

a. Expression of appreciation: President Schmidt expressed deep appreciation to all who have helped to make the 1982 meeting a huge success, including particularly the CMVCA local arrangements committee headed by Allen Hubbard, the Program Committee headed by Jimmy K. Olson, and the Central Office staff, T. D. Mulhern and Linda Raiche.

b. Membership: Inflation and reduced funding has unfavorably affected membership which is down by 61 from 1981, as of December 31. Every member should try to enlist his co-workers to strengthen AMCA.

c. Photo Salon: This has been a great success due to the untiring efforts of Dr. John Barber.

d. Publications: Dr. Ronald A. Ward has replaced Dr. William E. Bickley, retired by his request, and the transition has been made very smoothly with no loss of the continuing excellence of *Mosquito News* as the principal AMCA journal. Also, James Nelson agreed to replace Associate Editor Hugo Jannback who retired.

Because it now costs more to print and mail *Mosquito News* than the amount paid for dues, it has been necessary to suspend mailing when dues are not paid by the time of publication of the first number (March) for the year. Members who do not receive their March number at the normal time should check to be sure that they have not overlooked payment of dues. Various proposals to allow discounts for early payment are under consideration.

e. Contact with federal agencies: The president has had an active correspondence with various federal agencies, representing mosquito control on matters that may affect organized mosquito control agencies. This correspondence has included various congressmen and women, the Department of Health and Human Services, EPA, and the USDA. These communications and the responses have been positive, and we believe progress is being made in presenting the views of AMCA for organized mosquito control.

f. Committee organization: Progress has been made in consolidating committees where overlaps have occurred, and some titles have been changed to better describe the committee function. The legislative, regulatory, and extension activities have been merged into the Scientific and Regulatory Liaison Committee; and the AMCA Historical Records Committee functions have merged into the Historical Museum Committee. Most committees have found the new standardized format for reporting to be beneficial.

g. Special AMCA funds: The title "AMCA Special Fund Advisory Board" has been substituted for the previous "AMCA Foundation Fund" and the "John N. Belkin Memorial Fund" has been included, although the funding and purposes are kept separate. Continuing tax-deductible contributions and support for these funds is encouraged.

h. Training: The ad-hoc AMCA Training Committee has suggested consideration of two types of training to be sponsored by AMCA and one or more federal agencies: first, a two- or three-hour seminar or workshop to be held in connection with an annual meeting, and second, a one- or two-week session at the regional level on all aspects of mosquito control, patterned after the highly successful CDC annual courses at Savannah.

i. Policies: The Policy Committee has been working on housekeeping details, as well as considering policy changes that have been suggested for incorporation in the bylaws, which have been under intensive study by Dick Roberts, Parliamentarian, who has identified a number of inconsistencies in the present document.

Executive Director's Report, condensed: 1981 was an exceptionally busy and productive year, and AMCA has completed the year with greater financial stability, as illustrated by the Treasurer's and Auditor's reports.

a. Publications: Sales and distribution of the new key, "Identification and Geographical Distribution of the Mosquitoes of North America" by Richard F. Darsie, Jr., and Ronald A. Ward is well under way, but it will require much more sales effort to recoup the initial investment of about \$44,000 by AMCA in this excellent book. Every member can encourage his agency and the local libraries in his area to obtain copies to advance taxonomic accuracy, with incidental financial benefit to AMCA. When initial investment has been recovered, AMCA can use the income for publishing other special bulletins and books.

Four issues each of *Mosquito News* and the

AMCA Newsletter have been sent to members and subscribers in 93 countries.

Manuscripts for *Mosquito Systematics* have been in short supply, so only two 1981 numbers were published. Accordingly, a credit adjustment will be made when invoices are sent for 1983 subscriptions.

The "1981 Directory of Mosquito Control Agencies in the US and Canada" lists about 50% more agencies than the former directory. It is priced at \$20.00/copy, but with a 50% discount to members, whose cooperation in providing the data made this directory possible.

The new "World Directory of Vector Research & Control Specialists" compiled by the AMCA World Wide Committee headed by Eugene Gerberg is available. No charge is made, but a contribution of \$1 or \$2 to cover shipping costs would be appreciated. There are only a limited number of copies. Specialists interested in having their names included in the next directory should write for a form to be filled out and sent to Dr. Gerberg.

Other publications on which progress has been reported are the special bulletins on Ground Spraying and Equipment, Biological Control, Source Reduction and Water Management, and the complete Index of *Mosquito News*.

Commercial suppliers have cooperated strongly by advertising in AMCA publications and by exhibiting, as well as by improving the products needed for mosquito control.

b. Memorial Lecture: Special thanks go to Dave Waldron, Dan Boyd, and LECO (Lowndes Engineering Company) for providing sponsorship for the past 4 years, to help make possible the funding of the costs of the Memorial Lectureship program.

c. Tax Deductible Contributions: AMCA has a special Sustaining Membership class available to commercial suppliers, and others, and it also can receive contributions in any amount, all of which are tax deductible by the donor. A number of contributions have been received, and this kind of cooperation and help should be encouraged.

d. Convention Photograph: For the first time in several years, a commercial photographer has been authorized to take a group photo of delegates attending the meeting. The photos are on display and may be purchased.

e. Sales Items: Attractive new AMCA Uniform Caps have been obtained on special order: these have red visors, white fronts adorned with the image of an adult mosquito and the word "American Mosquito Control As-

sociation," with blue top and back. These are for sale at the meeting and by mail order. There are also available AMCA Uniform Shirts, (T-shirts, with an adult mosquito and name of the association in large letters on the front). Other items include two different sets of photographs of mosquitoes, attractive tie tacs or lapel pins, the *National Geographic* number containing an excellent article by Dr. Lew Nielsen, and the "1981 Directory of Mosquito Control Agencies in the US and Canada." Also available is a goodly supply of back issues of *Mosquito News*. Prices can be obtained from the central office.

- f. Future scheduled meetings are as follows:
- 1983—February 27—March 3, hosted by Florida Anti-Mosquito Association.
  - 1984—March 18—22, Toronto, Canada.
  - 1985—March 17—21, (50th Anniversary of AMCA) hosted by New Jersey MCA.
  - 1986—No dates yet. Minneapolis, MN. (This meeting may break with tradition by starting on Thursday, running through the weekend, and ending on Monday).

Auditor's Report: Treasurer James Caton presented the Auditor's Report for 1981, (Attachment #2) together with detailed explanatory comments as follows: the 1981 budget adopted at the beginning of the year showed an apparent deficit of projected expenditures over receipts of about \$5000. However, by practicing rigid economies and extraordinary efforts to increase income, the year ended with a favorable balance of receipts over disbursements of \$34,672.51, as shown in the auditor's report. However, by the end of the period covered by this report, the invoice for printing the Darsie/Ward Key in the amount of \$29,500 was not received until February, but even after paying this amount, the favorable balance was \$5172. During the year reserves have been increased, and the fund balance has been increased. However, inflationary pressure continues to increase, and there can be no relaxation of the continuing effort to improve the financial stability of AMCA. Motion to approve the Audit Report and Treasurer's supplementary explanation, by Gilbert Challet, seconded by Lewis T. Nielsen, passed unanimously.

Resolutions: Howard Greenfield, Committee Chairman, presented resolutions #1 and #2 (Attachment 3). Motion to adopt Resolutions #1 and #2 by Paul Hunt, seconded by

Jeff Moore, approved unanimously. The Chairman of the Resolutions Committee recommended that in lieu of resolutions, a letter signed by the presidents of the two associations be sent to each exhibitor and to sustaining members. Resolution #3 (Attachment 4) was offered by Chairman Greenfield. Motion to adopt by Gilbert Challet, seconded by Max Meisch, approved unanimously.

An interesting and important proposal calling for AMCA to discontinue printing *Mosquito News* papers on vectors other than mosquitoes was received too late for committee study, and will be referred to the incoming resolutions committee for study and recommendation.

1983 Annual Meeting: T. Wayne Miller, Local Arrangements Chairman outlined the plans for the meeting to be held February 27-March 3, 1983 at Contemporary Hotel, Lake Buena Vista, hosted by Florida Anti-Mosquito Association. Usually the Florida association meets after Easter when rates are lower, but this meeting will occur during the busy resort season, and delegates are encouraged to make hotel and airline reservations early, to insure getting the accommodations desired. The air terminal is Orlando, which has many additional hotels, but none nearby the Contemporary Hotel.

Approval motion: Glen Collett offered a motion approving all actions taken by the Board of Directors during the past year and not otherwise acted upon. Seconded by T. Wayne Miller, and approved unanimously.

Future meeting invitations: President Schmidt noted that AMCA has scheduled meetings through 1986, and invited members to offer suggestions for future scheduling. Edgar Smith invited the association to hold a future meeting in Charleston, SC. Another invitation had been extended to the Board of Directors by the Government of Aruba, extended through Regional Director Visser. These invitations will be referred to the incoming Board of Directors, in accordance with accepted policy.

Nominations: Committee Chairman Robert Washino explained in detail the procedure that had been followed in selecting the nominees whose names appeared on the ballot, in every case with space for write-in candidates. Only one candidate accepted the nomination for Vice President.

Election: President Schmidt announced that there had been 520 ballots cast; newly elected officers to serve until the 1983 annual business meeting are President—Richard C. Axtell,

President-elect—Jimmy K. Olson, and Vice President—Gilbert Challet. Newly elected Regional Directors are as follows: West Central—William Rapp, 2nd term; South Atlantic—Brandt Watson, 1st term; and Latin America-Caribbean, Dr. W. M. Visser, 1st term. The new officers were escorted to the podium and installed.

Dr. Schmidt stated that it was a very pleasant task to turn over the gavel of presidential authority to Dick Axtell, with his congratulations.

President Axtell as his first official act presented to Dr. Claude H. Schmidt the AMCA Past President's Pin.

He then accepted his new duties as President of AMCA with a gracious speech, quoted in part as follows: "To accept the duties of President of AMCA is humbling and challenging. It is difficult to step into this position that has been held by so many distinguished people in the field of mosquito control. I intend to do my very best to advance the association a step closer to its long term goal. AMCA is a unique organization: one reason is that it is an association with a mixture of different kinds of workers: operational people, policy people, researchers (both applied and basic) and commercial people. All of us have joined together around a common goal: the best vector control possible for the enhancement of the quality of human life, while at the same time wisely managing the environmental resources. All of these people contribute their particular talents so that collectively the welfare of people is improved.

"AMCA is a splendid example of people joining together and putting aside minor differences in order to accomplish a common goal. I hope that my diverse background will enable me to be sensitive to all facets of the diversity in AMCA. I am a New Yorker who has lived for 20 years in North Carolina so I have experienced and appreciate differing viewpoints. I have been in mosquito control field and development research for many years in North Carolina and much earlier in the 1950's in the army in Maryland. I spent time in screening and testing insecticides as an employee of a chemical company. In my younger more carefree days I taught and did applied field research in insect control in the Philippines. In the years at NC State University I have taught medical and veterinary entomology and conducted applied and basic research, in a variety of pest problems including mosquitoes. I must admit however that I have never done any taxonomic work in mosquitoes; and have never revised a group or described a



new species. For this I am sure that our taxonomic members are grateful.

"Another reason that AMCA is unique is that it is both a national and international organization. AMCA works with and through state and regional associations in many ways and most conspicuous is our annual meeting held traditionally with a host association. We help each other and together we provide a national strength for the field of mosquito control. We have members outside of North America and we are looked to for leadership in mosquito and vector control. In the coming months I hope to promote in my term the strength and strengthen the international aspects of the AMCA. This will be a mutual benefit for all concerned. I had the opportunity recently to participate in a Regional WHO Seminar on integrated vector control in Adana, Turkey. We found that there was a great desire and need for closer international ties. We all share common goals in technology regardless of regional or national loyalties. We are living in rapidly changing times. Human population growth explosion and economic development are basic world-wide problems.

"Mosquito control is becoming increasingly complicated and sophisticated. It is understating the case to say that we are just in the business of killing mosquitoes; more and more we are dealing with a triad of mosquitoes, humans, and the environment. The members of AMCA are concerned with all three elements. Human behavior and economic development are rapidly changing, the environment and threatening people with increased populations of mosquitoes. People are simply spoiling the environment in which they dwell. You all know the world-wide examples: irrigated crop land, massive reservoir projects, problems in organic waste disposal and sewage contamination of water systems, added to solid waste disposal programs. I happen to be involved in problems of organic pollution in *Culex quinquefasciatus* production and problems of *Aedes* produced man-made dredge spoil areas in the coastal zone. We have members here who are tackling the difficult problem of mosquito production in irrigated riceland and pastures. So human behavior and economic development are creating problems faster than our technology and financial resources can solve them. At the same time there seems to be a decline in interest in funding of operational and research work on mosquito control. The true cost of economic development is simply being underestimated because the ultimate cause of human disease and needed mosquito control are not

properly recognized. AMCA and its members are facing a real challenge in conveying to the citizens and the policy makers that we don't just deal with killing mosquitoes, rather we deal with the triad of mosquitoes, humans and the environment. As a corollary we have to increase our professionalism, our training and our sophistication. The old traditional allied fields of water management, agriculture production, wildlife and fisheries still are important along with sociology, psychology, political science and economics. We have members in this room who are experts in the latter areas. As mentioned by Claude, we hope that AMCA can move rapidly with some reasonable training programs to help meet these challenging new diverse needs. AMCA recognizes the problems and will deal with them, and I will do the best I can in the few months that I have. AMCA has a very illustrious past and a bright future if we will all promote the AMCA at every opportunity and bring in new national and international members, then we will be stronger. Together we will flourish and better serve mankind.

"I am very grateful for this opportunity to serve you and the AMCA in the coming year."

President Axtell adjourned the meeting at 11:41 am.

#### CONDENSED MINUTES, FIRST MEETING OF THE 1982-3 BOARD OF DIRECTORS, AMCA, APRIL 21, 1982

Call to order: By President Richard C. Axtell, 3:30 pm.

Roll call: By Linda Raiche. Members Present: Richard Axtell, President; Jimmy K. Olson, President-Elect; Gilbert L. Challet, Vice President; Claude H. Schmidt, Robert K. Washino, John Kuschke, Stuart McCausland, Brandt Watson, Max Meisch, William Rapp, Richard Morton, Don Womeldorf, W. M. Visser, James R. Caton, Linda Raiche, Thomas D. Mulhern and Robert D. Sjogren. Others present: Peter Belton, Lamar Meek, Lewis T. Nielsen and Ronald A. Ward.

President's Opening Remarks: President Axtell welcomed new members Richard Morton, William Visser, Stuart McCausland and Brandt Watson. He accepted from Director W. M. Visser, Senior Public Health Advisor of Aruba a flag of the Government of Aruba and directed that the Executive Director express the appreciation of AMCA to the Government of Aruba for its interest in AMCA.

President Axtell then appointed Lamar

Meek to serve as parliamentarian, and presented for action various items of old business deferred to this meeting including:

1. Membership: recommendation of the Executive Director for increasing membership by various means, including (a) requesting payment of dues for up to 3 years in advance, thereby guaranteeing members no increase in dues for the period paid in advance and allowing immediate deduction on income tax returns; (b) a discount on early payment of dues; (c) a possible surcharge on dues paid late; (d) a credit of \$5.00 to any regular member for every new regular member recruited. Recommendation referred to Membership Committee for study and report at the next Interim Meeting of the Board; motion by Jimmy K. Olson, seconded by Gilbert L. Challet, passed.

2. Guidelines: various guidelines have been proposed for conducting AMCA affairs. Motion—Guidelines for committees and committee chairmen, for documenting business meetings, for awards, and for special publications referred to Central Office Committee and the Policy Committee if appropriate; for study and revision as necessary, to be presented at the Interim Board Meeting for action. Motion by Don Womeldorf, seconded by Robert Washino, adopted.

Guidelines for John N. Belkin Award: Motion—The Belkin Award Guidelines to be revised by the Awards Committee, with input as appropriate from the Belkin Award Subcommittee, and presented for action at the Interim Board Meeting, with recommendations of the Awards Committee. Motion by Claude H. Schmidt, seconded by Max Meisch, adopted.

3. *Mosquito News*, Invitational Papers: The Publications Committee recommends that special invitational papers such as the Presidential address, the Memorial Lecture, and presentations at the Plenary Session should be offered publication in *Mosquito News* without charge. Pages should not exceed about 20, with approval of the quality and length the responsibility of the Editor. The Program Chairperson and Program Committee members should be aware of this policy and at the time of invitations should specifically inform the speaker if there is to be free publication. Motion to adopt the recommendation by Gilbert L. Challet, seconded by James R. Caton, passed.

4. Special Case: Editor Ronald A. Ward presented a request from Dr. Pal for a waiver of charges on a paper on China, 8 or 9 printed pages. The Board considered this a special

case, not covered by the general policy of not allowing waivers. Jimmy Olson moved that a special waiver be granted this paper, not to establish a precedent; seconded by Don Womeldorf, approved.

5. *Mosquito News* Format: Editor Ronald A. Ward presented a special report relating to the format of *Mosquito News*, and including a recommendation that page size be changed to 7 × 10, beginning with the new volume. He also suggested consideration of a new cover design. Jimmy Olson moved that *Mosquito News* be printed in the 7 × 10 format, seconded by William Rapp, approved.

6. *Mosquito News*, Page Charges: Robert Washino moved that the page charges be adjusted to correspond with the new page size. Seconded by Claude Schmidt, approved.

7. Competitive Bids for Printing *Mosquito News*: President Axtell referred to previous discussion relating to competitive bids for printing, and recommended that the Publications Committee, working with the Editor, develop specifications to be presented to the Board at the Interim Meeting, for subsequent use in soliciting competitive bids. Max Meisch moved the recommendation, seconded by Gilbert Challet, approved unanimously. Editor Ward requested that William Rapp be made an ad-hoc member of the committee in view of his knowledge of printing.

8. Committee Appointments: President Axtell recommended changes as follows for 1982-83 committees: Editor of the *Newsletter*—John Combs. Motion to appoint John Combs by Claude Schmidt, seconded by Gilbert Challet, approved unanimously. Chairman of the *Newsletter* Committee—Charles Myers. Operational Articles to be merged into the Publications Committee. Legislative Committee to be merged into the Scientific and Regulatory Liaison Committee. Financial Support Advisory Committee to combine the functions of the former Financial Support Committee and the former Foundation Advisory Board. This committee to deal with obtaining contributions, sustaining memberships, grants, and other special income sources; and to function by making recommendations to the Board of Directors on uses and handling of these funds. The Museum and Historical Records Committees to be combined. The Annual Meeting Steering Committee be requested to present a final report not later than September 1 for action at the Interim Board Meeting, the committee then to be dissolved. Jimmy Olson moved the recommendation, seconded by William Rapp, ap-

proved unanimously. The Belkin Award Committee and the Photo Salon Committees are sub-committees of the Awards Committee. The Training Committee is not a standing committee, but will be renewed, for the specific task of developing a specific training course plan for a cooperative AMCA/CDC training session.

The Board considered the continuation of the inactive New Jersey Incorporation. John Kuschke indicated that he thought it was unnecessary to be incorporated in two states. The Board concurred. Gilbert L. Challet moved that the committees as outlined be adopted as proposed; seconded by William Rapp, approved.

9. Regions of AMCA as provided in the Bylaws: Mel Boreham reviewed the recommendation that there be established an "international regional director" to act as a center for communication with persons in areas not now served by a regional director, Gilbert Challet moved the recommendation; seconded by Don Womeldorf, approved.

10. President Axtell reviewed the proposal that the Board appoint certain persons to be called AMCA International Directors for their respective regions not now served by a regional director, these persons to be non-voting members of the AMCA Board of Directors, to set up these lines of communication, hopefully to evolve into regional appointments. Jimmy Olson moved that this recommendation be tabled to allow further consideration of this and other alternatives. Seconded by Claude Schmidt. Passed with one no vote.

11. Cover of *Mosquito News*: It was the consensus that no change should be made until a specific proposal has been fully considered; and the Editor was invited to present this and any other *Mosquito News* problems at the Interim Board Meeting.

12. *AMCA Newsletter*: It is recommended by the Newsletter Committee that page size be reduced by  $\frac{1}{2}$ " in the vertical and  $\frac{1}{2}$ " in the horizontal dimension to allow using standard size paper, which will contribute to economy. William Rapp moved the recommendation, seconded by Robert Sjogren, approved.

13. Interim Board Meeting: Invitations were received from the Utah and Louisiana Mosquito Control Associations. Jimmy Olson moved that the Louisiana Association invitation be accepted, since the meeting will celebrate the 25th Anniversary of LMCA. The meeting will begin at noon on Tuesday Oct. 26, and terminate at noon, Thursday, Oct. 28. Jefferson Parish Mosquito Control District is the

host, and the meeting will take place at Metairie (New Orleans), seconded by Robert Washino, approved.

14. 1983 Interim Board Meeting: Mr. W. M. Visser extended an invitation on behalf of the Government of Aruba to hold the 1983 meeting in Aruba, only 2 hours flight time from Miami. President Axtell thanked Mr. Visser and the Government of Aruba, and suggested that the invitation be re-extended in 1983 to the next Board of Directors.

15. Commercial Advertisers: It had been suggested that commercial advertisers be permitted to use a special logo, or some other recognition. President Axtell recommended that Sustaining Members be permitted to use with their advertisement the expression "(year) Sustaining Member of AMCA" in any year in which they had paid the fee for this classification \$250 or more per year). Jimmy Olson moved the recommendation, seconded by Gilbert Challet, adopted.

16. Computer: The Central Office Committee recommended that the Central Office Purchase a computer system for the Central Office, with a total cost of not to exceed \$10,000, and that these funds come from the reserve and to the extent possible from the operating budget. Motion to adopt the recommendation by Claude Schmidt, seconded by Jimmy Olson, approved unanimously.

17. Photo Salon: John Barber as chairman of the Photo Salon Committee recommended that an expenditure by AMCA, not to exceed \$200 be authorized for the 1983 salon. Recommendation moved by Don Womeldorf, seconded by William Rapp, approved.

18. 1984 Annual Meeting, Toronto: Blair Helson was not present, but has reported good progress. The dates will be March 18-22, 1984.

19. Committee Reports Policy: President Axtell recommended that a policy be established to require that committees be notified when they are appointed that committee reports must be received in the Central Office 30 days prior to meetings to be put on the agenda and acted upon at Interim Board Meetings and Annual Meetings. It was also recommended that the Central Office group the reports after receipt and send one packet to each member of the Board. Recommendation moved by Jimmy Olson, seconded by Gilbert Challet, approved.

20. Page Charge Waivers: William Rapp noted that the present policy on page charges may be unsatisfactory in some cases, and suggested that there be a special fund for special cases where an author is unable to fund publi-

cation of a good paper. Robert Sjogren moved that the Publications Committee study and re-examine the present policy of allowing no waivers of page charges for *Mosquito News*, and make recommendations at the Interim Board Meeting. Seconded by Robert Washino, adopted.

21. Computer Articles: Claude Schmidt commented that Robert Russo in connection with the work of the Automatic Data Processing Committee is planning to publish a series of articles about use of computers for mosquito research, but he has no grants to support this project which may be of immense benefit to the whole membership. It was the consensus that the Publications Committee should carefully review this problem, and report its recommendations to the Board.

22. Motion Tabled Earlier: President Axtell recommended that the Board of Directors refer to the Policy and World-Wide Committees a proposal that the Board appoint persons with titles such as "AMCA International Director for — Region or Country," such persons to be non-voting members of the Board, with a 2-year appointment. The Committees should suggest a title, what regions to consider, and what persons to recommend for appointment.

The recommendations to be presented at the Interim Board Meeting. Robert Sjogren moved acceptance of the proposal. Seconded by Jimmy Olson, approved.

23. Executive Director Mulhern requested that the budget be modified to accommodate the already authorized purchase of the computer/word processor for the central office. Jimmy Olson moved that the 1982 budget be so modified. Robert Washino seconded, approved unanimously.

24. Taxonomist's Glossary: Gene Gerberg has suggested that AMCA might purchase and sell the new "Taxonomist's Glossary of Mosquito Anatomy" at a profit. This proposal was received at too short notice for due consideration. President Axtell therefore suggested that Gene Gerberg be requested to write President Axtell outlining his proposal, which would then be referred to the appropriate committee for study and recommendation.

25. Agency Sales of Darsie/Ward Key: Executive Director Mulhern reported that BioQuip would like to list and sell the key, among other entomological books that it markets. It was the consensus that action be deferred until the Interim Board Meeting.

Adjournment at 5:45 pm.

#### ATTACHMENT #1

#### REPORT OF THE EXECUTIVE DIRECTOR TO THE BOARD OF DIRECTORS, AMCA, APRIL 18, 1982

**DECEASED:** Since the last meeting, word has reached us that the following members have been called from this earth: William P. Clark, Morris Plains, NJ; Fred A. Compiano, Stockton, CA; Lee Key, Salt Lake City, UT; Harry L. Stevens, Sr., Richmond Hill, GA; W. Leo West, Brea, CA; Cornelius W. Kruse, Baltimore, MD and William Schmidt, Del Valle, TX.

May we suggest a moment of silence, devoted to kind thoughts of their contributions to AMCA, to mosquito control and to good fellowship.

**MINUTES:** The minutes of the last meeting, held October 5, 1981 at Medford, OR, were processed and sent to the members of the Board within a few weeks after the meeting. No corrections have been reported to the central office. Publication in the February *Newsletter* was planned, but has been deferred to the May 1982 number because the February (Program) issue was oversize. Action on the min-

utes is in order if there are no changes offered at this time.

**GENERAL:** 1981 was a year of exceptional accomplishment for AMCA, highlighted by the publication of the Darsie/Ward Key, the new Directory, continuing excellence of *Mosquito News*, an excellent meeting in San Antonio, progress on a uniform pattern of agreement for joint meetings, progress toward the publication of Bulletins #1, #2, #6 (biocontrol), #7 (index), an increase in the bibliography grant for direct costs of page charges, plus 15% indirect costs; receipt of \$12,000 from the Army contract, and collection of the balance due from the GNMA account. Increased financial stability has resulted from balancing the budget, which showed a deficit at the beginning of the year, but an actual excess of receipts over expenditures by year's end. This was accomplished by rigid economies, and an unprecedented sales effort.

Throughout the year the Central Office with

active cooperation from the President, the Treasurer, and the Finance Committee has focused on the long term future, looking 5 to 10 years ahead, and planning toward even greater validity of scientific and practical service programs, with corresponding greater financial stability.

There were severe accompanying problems and frustrations, which generated an enormous communications work-load which often sorely tried the patience of AMCA personnel and our correspondents alike! The Darsie/Ward Key was completed months later than projected, thus overlapping the end of the fiscal year and complicating orders and payments. The crunch of inflation plus cut-backs in funding of federal, state, and local governmental agencies has been apparent in reluctance to continue memberships and subscriptions. The subsequent reduction in paid memberships and subscriptions was anticipated, but can be overcome only by determined recruiting and sales of AMCA products. Note that the unit costs of publications decrease as the total number of paid subscriptions increases. It has been suggested that incentives be offered on a trial basis for early payment of dues and charges, and additional incentives be offered for recruiting new members. Also, late payment of dues constitutes an important added cost in loss of time and added correspondence. The incoming Board of Directors, with advice from this Board, might consider and perhaps authorize a trial of one or all of the following which have been helpful in other associations:

a. By notice in the May *Newsletter*, offer a 10% discount to any regular member who pays his 1983 dues before September 30, 1982 so as to save the cost of billing (in November).

b. Offer to accept as payment in full for 1983, 1984, and 1985 the 1982 rate, not subject to subsequent increases that may become necessary if inflation continues.

c. Offer to all members in good standing a premium of \$5.00 credit toward their future dues, for every new regular member they enlist (with payment). Other associations have found this an effective device for increasing membership—in one case as much as 50%.

The intensive sales program and extraordinary economies carried on by the central office resulted in a substantially better financial report at the end of the year than was anticipated when a deficit budget was adopted at the beginning of the year. It is the policy of the Treasurer, with advice and agreement of the Executive Director and the Finance Committee

to be conservative in preparing budget estimates, subsequently striving in all practical ways to improve each year the financial stability of the association, so that it may continually have the resources necessary to continue its primary scientific, technical, and educational missions (see attachment).<sup>1</sup>

Much more general information might be provided in this report, but to reduce repetition of information that may come out in committee reports, the Executive Director requests permission to defer such comments until the appropriate time during committee reports. However, certain specifics deserve your attention:

*Membership.* Figures for 1981 are disappointing. Although hundreds of the attractive new circular application blank have been sent to prospects, membership is down. The table as of January 1 to allow comparison with former years does not reflect members suspended for non-payment, as of February 10, when mailing of the March *Mosquito News* was authorized. At that time 407 members had to be suspended. Since then, 153 late paying or new memberships have come in, leaving a loss of 254 as of April 1. More will probably reinstate later as they realize that they are not now receiving *Mosquito News*. May I emphasize that I believe these members do not realize how much extra time and expense is involved in record keeping when dues are so late as to require suspensions (see attachment). The problem is increased by reason of the fact that the central office is operating with archaic manually operated mailing list equipment that is slow, noisy, and requiring considerable physical force. When it is possible to obtain modern office machines, it will be possible to eliminate some of the lost time, and expedite routine operations (see attachment).

*Sponsorship for Memorial Lecture.* In response to a contact with Mr. Dave Waldron and Mr. Dan Boyd of Lowndes Engineering Company, that company, LECO, applied for contributing membership as a "Benefactor" with the understanding that their contribution would be applied to help underwrite the costs of the Memorial Lecture program. May I recommend that the Board authorize us to send a special certificate suitable for framing to LECO indicating that for 1982 it is a "Benefactor," and sponsor of the Memorial Lecture?

*NIH Grant.* Negotiations with NIH have re-

<sup>1</sup> Attachments to this report are available at the Central Office.

sulted in approval of the grant for the year ending March 31, 1983 with a "direct cost" allowance for page charges to publish in *Mosquito News*, and a 15% "indirect cost" allowance to AMCA for handling the grant.

*Army Contract.* The Army contract for assistance to the NIH Grant and for 200 copies of the Darsie/Ward Key could not be completed on time due to delays in publishing. An extension was negotiated, but this required a renewal of the liability policy that was a contract requirement. This policy was renewed for a year, and was not cancelled when the payment from the Army was received. It is recommended that a study be authorized of insurance requirements of AMCA, for the protection of this Board of Directors, the officers and employees, and the associations financial structure.

*Workman's Compensation Claim.* Mrs. Suzanne Davis, part-time employee, has reported impairment of her right hand, wrist and elbow, alleged to be due to using the hand-operated addressograph machine in the office. Since she reported the injury, she has not operated the machine. Her attorney has referred the claim to the Workman's Compensation Appeals Board. This report is provided for your information. The matter is evidently now out of our hands, except that we may be called upon for further details when a hearing is called.

*Guidelines.* Numerous questions have been received from committee chairmen and others relative to the responsibilities and functions of committees, some general and some specific. The bylaws give only relatively little specific information, but the Board of Directors has the prerogative of defining the role of the committees. Accordingly, gleaning the information from all sources available, a first draft of "proposed guidelines" was prepared and circulated to all committee chairmen for their information and comments, none of which have been received. Also, a proposed draft "protocol for documenting business meetings" was developed, Joint Meeting Guidelines have been considered by the Annual Meeting Steering Committee, and a first draft of proposed "guidelines for special publications" has been developed. In 1978 proposed guidelines for the Permanent AMCA Foundation were developed; in 1980 Guidelines for the Dr. John N. Belkin Memorial Fund were prepared, Awards guidelines have been in effect for several years, and there have been prepared "suggested additions or changes to guidelines for awards." Also, there has been confusion relating to the time-frame for nominations and for

award proposals and it is evident that standard guidelines should be developed to aid in eliminating such confusion. Accordingly it is recommended that the incoming Board of Directors authorize use of the most up-to-date guidelines for the immediate future, with the added proviso that appropriate committees review and revise the guidelines in accordance with current needs prior to the Interim Meeting of the 1982 Board, at which time the revised guidelines can be finalized and adopted for use until further changes become necessary. This recommendation is made in the interest of better defining functions to eliminate confusion.

*EPA Guide Lines for Pesticide Devices.* EPA has proposed the adoption of labeling requirement for pesticides and devices that might seriously impair or make entirely illegal devices that have been developed or modified for mosquito control (and other) purposes. Various other associations and insecticide using organizations have directed communications to EPA objecting to the proposals as unrealistic and not in the public interest. Included are the American Society of Agricultural Engineers, the Delavan Corporation, National Fertilizer Solutions Association, and the National Agricultural Aviation Association. We have copies of some of these documents, some of which cite and give details of the objectionable portions of the proposed guidelines. We have requested of EPA copies of the proposed guidelines in sufficient number to circularize the AMCA Board of Directors but have not received them. Accordingly, it is recommended that this Board direct an appropriate committee to review the matter, and prepare for signature by the President an appropriate communication directed to EPA, voicing the objections of AMCA, if any. An appropriate resolution might also be prepared for submission to the general membership at this meeting, asking for opportunity to represent the views of AMCA.

Since the beginning of December, this office has been deluged with mail, averaging 44 incoming pieces per day, with a high of 176; over 2300 items in 3 months! As a result, replies to a number of queries have been delayed, and various other chores have been left undone, as preparations for the annual meeting demanded a major portion of our work time. We regret that we have not been able to respond adequately in some cases, but believe that the work load is now slightly diminished so that we may be able to "catch up."

Respectfully submitted,

Thomas D. Mulhern, Executive Director

## ATTACHMENT #2

## REPORT OF AUDITOR, 1981

**LOWELL D. SMITH**

ACCOUNTANCY CORPORATION

LOWELL D. SMITH, CPA  
STEPHEN A. SMITH, CPA  
TIMOTHY W. BAKER, CPA

625 NORTH FULTON STREET  
P.O. BOX 4062  
FRESNO, CALIFORNIA 93744  
TELEPHONE 266-0788

April 12, 1982

Board of Directors  
American Mosquito Control  
Association, Inc.  
5545 E. Shields Avenue  
Fresno, California

We have examined the accompanying statement of assets and liabilities resulting from the recorded cash transactions of the American Mosquito Control Association, Inc. treasurer's account as of December 31, 1981, and the related statement of cash receipts and cash expenditures with budget comparisons for the year then ended. Our examination was made in accordance with generally accepted auditing standards and accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances, which included the assembling of the accounting data into proper financial statement form.

The aforementioned statements do not give effect to accounts receivable, accounts payable and accrued items. Accordingly, the statements do not present the financial position and results of operations in conformity with generally accepted accounting principles.

In our opinion, the accompanying statements present fairly the assets and liabilities of the American Mosquito Control Association, Inc. at December 31, 1981, arising from cash transactions and its revenues collected and expenditures paid during the year then ended on a basis consistent with that of the preceding year.

*Timothy W. Baker*

Timothy W. Baker  
Certified Public Accountant

AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
STATEMENT OF ASSETS AND LIABILITIES  
DECEMBER 31, 1981

Cash in Bank—Commercial	\$ 6,428.45
Cash in Bank Savings	95,145.97
Investments—Cost	32,543.20
Fund Balance—University State of New York	253.33
Equipment	6,851.86
<b>TOTAL ASSETS</b>	<u><u>\$141,222.81</u></u>
<b>LIABILITIES AND FUND BALANCE</b>	
Payroll Taxes Withheld	\$ 1,140.14
Fund Balance	140,082.67
<b>TOTAL LIABILITIES AND FUND BALANCE</b>	<u><u>\$141,222.81</u></u>

AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS  
WITH BUDGET COMPARISONS  
FOR THE CALENDAR YEAR ENDED DECEMBER 31, 1981

	Actual	Budgeted	Over (Under)
<b>RECEIPTS</b>			
Dues	\$ 34,770.32	\$ 30,000.00	\$ 4,770.32
Subscriptions	18,054.10	12,000.00	6,054.10
Advertising <i>Mosquito News</i>	16,818.09	17,000.00	( 181.91)
Advertising Miscellaneous	4,337.54	5,300.00	( 962.46)
Reprints	10,600.86	9,000.00	1,600.86
Back Issues <i>Mosquito News</i>	1,539.89	800.00	739.89
NIH Grant	25,681.00	21,700.00	3,981.00
Miscellaneous	1,485.00	300.00	1,185.08
Annual Meeting	5,060.00	9,000.00	( 3,940.00)
Bulletins	637.29	2,000.00	( 1,362.71)
Page Charges	17,486.25	14,000.00	3,486.25
Dividends and Interest	11,755.69	5,500.00	6,255.69
Return of Investment	175.30	5,000.00	( 4,824.70)
<i>Mosquito Systematics</i>	6,553.94	6,000.00	553.94
Supplement No. 1	17,864.75	10,000.00	7,864.75
Sales Tax	23.94	35.00	( 11.06)
Sale Miscellaneous Publications	1,443.35	2,000.00	( 556.65)
Tax Exempt Grants (Agencies)	1,900.00	800.00	1,100.00
Tax Exempt Foundation (Individuals)	235.00	800.00	( 565.00)
John N. Belkin Memorial Fund	982.50	500.00	482.50
Agency Income	768.00	250.00	518.00
<b>TOTAL RECEIPTS</b>	<u><u>\$178,172.89</u></u>	<u><u>\$151,985.00</u></u>	<u><u>\$ 26,187.89</u></u>



## DISBURSEMENTS

*Publication Expenses*

<i>Mosquito News</i> Printing	\$ 44,059.72	\$ 43,000.00	\$ 1,059.72
<i>Mosquito News</i> Mailing	2,914.69	2,400.00	514.69
<i>Mosquito News</i> Reprints	7,351.84	8,000.00	( 648.16)
Editor, Communications & Supply	983.34	600.00	383.34
Editor, Clerical	2,842.06	2,000.00	842.06
Editor, Travel	698.25	1,200.00	( 501.75)
Editor, News and Notes, Travel	465.46	500.00	( 34.54)
Editor, Remuneration	1,000.00	1,000.00	-0-
Bulletins	11.00	4,100.00	( 4,089.00)
<i>Mosquito Systematics</i>	4,893.61	7,500.00	( 2,606.39)
Darsie Key	273.70	30,000.00	(29,726.30)
Newsletter	3,008.96	2,500.00	508.96
Directory	1,133.69	750.00	383.69

Total	\$ 69,636.32	\$103,550.00	\$(33,913.68)
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*Executive Office Expenses*

Postage and Telephone	\$ 6,844.91	\$ 6,000.00	\$ 844.91
Forms and Printing	1,430.95	1,000.00	430.95
Office Supplies	925.79	1,500.00	( 574.21)
Staff Travel	3,240.70	5,000.00	( 1,759.30)
Car Allowance	827.68	1,000.00	( 172.32)
Clerical	24,237.23	23,000.00	1,237.23
Executive Director Remuneration	6,000.00	6,000.00	-0-
Capital	49.79	400.00	( 350.21)

Total	\$ 43,557.05	\$ 43,900.00	\$( 342.95)
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*Treasurer's Office Expenses*

Audit	\$ 610.00	\$ 560.00	\$ 50.00
Travel	560.00	500.00	60.00
Fidelity Bond	50.00	50.00	-0-

Total	\$ 1,220.00	\$ 1,110.00	\$ 110.00
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*General Expenses*

Committee Expenses	\$ 1,479.08	\$ 1,865.00	\$( 385.92)
NIH Grant	20,407.07	21,700.00	( 1,292.93)
President's Office	1,992.64	1,500.00	492.64
Miscellaneous Expenses	1,705.00	250.00	1,455.91
Payroll Taxes	1,790.96	1,900.00	( 109.04)
Extension Representative	-0-	850.00	( 850.00)
Sales Tax	76.76	70.00	6.76
Memorial Lecturer	1,000.00	1,000.00	-0-
Agency Costs	634.59	250.00	384.59

Total	\$ 29,087.01	\$ 29,385.00	\$( 297.99)
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TOTAL EXPENSES	\$143,500.38	\$177,945.00	\$(34,444.62)
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Fund Balance—1/1/81	\$105,535.67
Add: Excess Receipts over Disbursements	34,672.51
Equipment	49.79
Less: Return of Principal	175.30
Fund Balance—12/31/81	<u>\$140,082.67</u>

## ATTACHMENT #3

## RESOLUTION 1

WHEREAS, The privilege has been extended to the American Mosquito Control Association to meet in joint session with the California Mosquito and Vector Control Association to commemorate their 50th (anniversary) meeting and,

WHEREAS, The California Mosquito and Vector Control Association officers and the Local Arrangements Committee have provided a most instructive and interesting program, as well as, excellent accommodations, therefore,

BE IT RESOLVED, That the American Mosquito Control Association expresses its appreciation to the California Mosquito and Vector Association for the many courtesies and friendly spirit of cooperation extended during this joint conference.

## RESOLUTION 2

WHEREAS, The contribution by Drs. Darsie and Ward, entitled, *Identification and Geographical Distribution of the Mosquitoes of North America, North of Mexico*, recently published by the American Mosquito Control Association, will enhance the interests of mosquito control throughout the country and significantly benefit the members and objectives of this association,

THEREFORE BE IT RESOLVED, That the members and officers of this Association do herewith extend to Richard F. Darsie and Ronald A. Ward, appreciation and commen-

datation for their contribution to the advancement of mosquito control in the United States, and,

BE IT FURTHER RESOLVED, That the Association extends to Lewis T. Nielsen their appreciation and commendation for the unstinting time and effort given to the production of the "Darsie-Ward Key."

## ATTACHMENT #3

## RESOLUTION 3

WHEREAS, The American Mosquito Control Association is a professional organization composed of representatives of such occupations as mosquito control, education, industry, business, and governmental agencies of public health and agriculture, and,

WHEREAS, The American Mosquito Control Association includes representatives of such professions as medical and veterinary entomology, toxicology, biology, microbiology, chemistry, medicine, and engineering, and,

WHEREAS, The American Mosquito Control Association is dedicated to the prevention and control of arthropod-borne diseases of humans and animals, and,

WHEREAS, The American Mosquito Control Association has an extensive pool of knowledge and expertise in the control of arthropod-borne diseases of humans and animals,

THEREFORE, BE IT RESOLVED, That the American Mosquito Control Association offers to extend its pool of knowledge and expertise to those interested agencies and organizations upon request.

- Hegazi, M. M. and Abo-Shady, A. F. 1981. Malarial antibodies and parasitaemias in immunosuppressed mice. *J. Egypt. Soc. Parasitol.* 11(2):399-403.
- Heumann, A. M. and Stiffel, C. 1980. The role of antibodies in the protective immunity against *Plasmodium berghei*. *Les Colloques de l'Inserm* 97:365-374.
- Khusmith, S., Druilhe, P. and Gentilini, M. 1982. Enhanced *Plasmodium falciparum* merozoite phagocytosis by monocytes from immune individuals. *Infect. and Immunity* 35(3):874-879.
- Lefrancois, G. and Coauthors. 1982. Anti-erythrocyte autoimmunisation during chronic falciparum malaria. *Lancet* 8266:280-281.
- Mackey, L. J., McGregor, I. A., Paounova, N. and Lambert, P. H. 1982. Diagnosis of *Plasmodium falciparum* infection in man: detection of parasite antigens by ELISA. *Bul. WHO* 60(1):69-75.
- McGhee, R. B. 1981. The relation of dosages of antigen on the course of infection and immunity of chicks to *Plasmodium galinaceum*. In *Parasitological topics*. A presentation volume to P.C.C. Garnham, F.R.S. on the occasion of his 80th birthday 1981. (Edited by Canning, E. U.), pp. 184-190.
- Miller, L. H. 1981. Multifaceted research approaches to malaria vaccine. *Pub. Health Rpts.* 96(6):524-526.
- Mohammed, I. 1982. The role of immune complexes in human malaria and some of its complications. *J. Infection* 4(2):97-104.
- Myler, P. and Coauthors. 1982. Immunoprecipitation of biosynthetically labelled, stage-specific proteins from cultured *Plasmodium falciparum* using inhibitory human sera. *Austral. J. Expt. Biol. and Med. Sci.* 60(1):91-96.
- Myler, P., Saul, A., Mangan, T. and Kidson, C. 1982. An automated assay of merozoite invasion of erythrocytes using highly synchronized *Plasmodium falciparum* cultures. *Austral. J. Expt. Biol. and Med. Sci.* 60(1):83-89.
- Neva, F. A. 1981. Vaccines against malaria and schistosomiasis: a conference report. *Pub. Health Rpts.* 96(6):523-524.
- Perrin, L. H. and Dayal, R. 1982. Immunity to asexual erythrocytic stages of *Plasmodium falciparum*: role of defined antigens in the humoral response. *Immunolog. Rev.* 61:245-269.
- Playfair, J. H. L. and Coauthors. 1980. Blood-stage malaria vaccination: what can be learned from mouse experiments? *Les Colloques de l'Inserm* 97:375-382.
- Schmidt-Ulrich, R., Miller, L. H., Wallach, D. F. H. and Lightholder, J. 1982. Immunogenic antigens common to *Plasmodium knowlesi* and *Plasmodium falciparum* are expressed on the surface of infected erythrocytes. *J. Parasitol.* 68(2):185-193.
- Sedegah, M., Tosta, C. E., Henderson, D. C. and Wedderburn, N. 1982. Cross-reactivity and cross-protection in murine malaria. *Ann. Trop. Med. and Parasitol.* 76(2):219-221.
- Tharavanij, S. and Prasertsitiroj, V. 1981. Simultaneous preparation of merozoites and concentrated schizonts of *Plasmodium falciparum*. *Southeast Asian J. Trop. Med. and Pub. Health* 12(4):518-524.

#### Malaria—Parasites

- Al Rifai, W., Maurois, P., Fruchart, J. C. and Charet, P. 1982. Adipose tissue lipoprotein lipase activity in *Plasmodium chabaudi* and *Plasmodium vinckei* rodent malaria. *Biochimie* 64(2):127-132.
- Bird, R. G. 1981. Protozoa and viruses human Cryptosporidiosis and concomitant viral enteritis. In *Parasitological topics*. A presentation volume to P.C.C. Garnham, F.R.S. on the occasion of his 80th birthday 1981. (Edited by Canning, E. U.), pp. 39. [*Plasmodium* included.]
- Bradley, D. J. 1982. Host genetics and tropical disease. *Trans. Roy. Soc. Trop. Med. and Hyg.* 76(2):155-156. [*Plasmodium* spp. included.]
- Bray, R. S. 1981. Travellers in peril: the promastigote and the sporozoite. In *Parasitological topics*. A presentation volume to P.C.C. Garnham, F.R.S. on the occasion of his 80th birthday 1981. (Edited by Canning, E. U.), pp. 48-53. [*Plasmodium falciparum*.]
- Brown, G. V. and Coauthors. 1982. *Plasmodium falciparum*: comparative analysis of erythrocyte stage-dependent protein antigens. *Expt. Parasitol.* 53(2):279-284.
- Clyde, D. F. 1981. In search of *Plasmodium cephalophi*. In *Parasitological topics*. A presentation volume to P.C.C. Garnham, F.R.S. on the occasion of his 80th birthday 1981. (Edited by Canning, E. U.), pp. 65.
- David, P. H., Hommel, M. and Oligino, L. D. 1981. Interactions of *Plasmodium falciparum* infected erythrocytes with ligand-coated agarose beads. *Molecular and Biochem. Parasitol.* 4(3-4): 195-204.
- Elliott, S., Long, E. G., Truant, A. I. and Smith, J. H. 1981. Parasitic infections en-



Upper left—William C. Reeves, Univ. of California, receives AMCA Medal of Honor Award plaque, AMCA's top award, for lifelong outstanding work with arthropod borne encephalitis.

Upper right—Dr. Carlos Juan Finlay of Havana, who related *Ae. aegypti* to the transmission of yellow fever nearly 20 years before proof was established by the Walter Reed Commission. Was memorialized together with Walter Reed and Col. William Gorgas by the AMCA Memorial Lecture, presented by Dr. William C. Reeves.

Center left—Kenneth G. Nolan of American Cyanamid Co. (Retired) receives the Presidential Citation Award from Ex. Dir. Thomas D. Mulhern, on behalf of AMCA, acknowledging his many contributions to mosquito control and his noted good-fellowship, while CMVCA President Don Merritt listens intently.

Center right—Youngest delegates enjoyed Sacramento—particularly historic Old Sacramento!  
Will they become entomologists?

Lower left—Jimmy K. Olson, new 1982–83 Vice President of AMCA chats with Lewis T. Nielsen, hard-working editor of MOSQUITO SYSTEMATICS.

Lower right—Past President D. Bruce Francy (L) smiles with satisfaction, as he presents the AMCA Meritorious Service Award to James V. (Jim) Smith of USPHS.