

## ASSOCIATION NEWS

MINUTES OF THE FINAL MEETING OF THE 1977-78 BOARD OF DIRECTORS OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION HELD AT THE PICK-CONGRESS HOTEL, CHICAGO, ILL., APRIL 17, 1978.<sup>1</sup>

The meeting was called to order at 9 a.m. by President Lewis T. Nielsen.

Roll Call: President Lewis T. Nielsen, President-Elect Paul J. Hunt, Vice President Glenn M. Stokes, D. Bruce Francy, Harold C. Chapman, W. D. Murray, Thomas D. Mulhern, Linda Shields, R. A. Costello, Frederick H. Lesser, Richard C. Axtell, James D. Gorman, E. E. Fetzer, Edgar S. Bordes, Louis J. Ogden, Peter Belton, Gilbert L. Challet, M.E.C. Giglioli. Others present were Khian K. Liem, Henry Rupp, Glen C. Collett, Lewis E. Fronk, Howard R. Greenfield, Marvin Kramer, Robert K. Washino, Richard F. Darsie, T. Oscar Fultz, Jr., Brandt G. Watson, Jack Lloyd, Richard F. Peters, Wm. E. Bickley.

President Nielsen—An interim board meeting was held in Provo, Utah on September 25. The minutes have been distributed and will appear in *Mosquito News*. On motion by Glenn Stokes, seconded by Fred Lesser, they were approved.

The agenda was distributed and various changes noted.

President Nielsen—"During the year I attended the Northwest Mosquito and Vector Control Association meeting in Calgary, California Mosquito Control Association meeting in Yosemite, and the meeting of the Mid-Atlantic Mosquito Control Association in Wrightsville Beach. I also had opportunity to visit the central office in Fresno, and met with Don Murray, Tommy, and Linda to discuss AMCA business. The central office is a fantastic going concern; Tommy and Linda have 30 or more items of correspondence every day to take care of. Last

year postage expenses for the regular correspondence not including the routine mailing of *Mosquito News* or *Mosquito Systematics* was \$3000, which gives you some idea of the magnitude of the outstanding job that is being done there to keep our association functioning, and to maintain the stability and continuity that is essential. It has been a very rewarding year, and I appreciate the support and encouragement that I have received from Board members and the excellent responses that we have had. Now we will hear the reports of committees."

Bruce Francy—"The Nominations Committee received a list of very fine nominees proposed by the Regional Directors, and the two individuals receiving the greatest number of votes were selected to appear on the ballot for the office of Vice President, to be voted on by the general membership. Dr. Robert Washino was elected as the new Vice President, and Glenn Stokes was advanced to President-Elect."

The candidates for Regional Directors in the different regions for the next two-year terms beginning at this annual meeting were announced: Richard Axtell, Mid-Atlantic;; Frank Wilson, South Atlantic; Jack Lloyd, West Central; Peter Belton, North Pacific; and Marco Giglioli, Latin American Caribbean region. Paul Hunt presented the list of proposed committee appointments for review and invited comment and suggestions, prior to taking final action. President Nielsen explained that official action of these appointments would be taken at the last board meeting.

The Executive Director announced the names of those members deceased since the last annual meeting, as follows: "Sadly we must report that we have record of the following members deceased in 1977:

<sup>1</sup> Minutes edited to eliminate extraneous discussion for economy in printing and distributing.

Harry Batt, Sr. (Louisiana), W. C. Benson, (Florida), Arthur E. MacNamara, (Florida), Maurice F. Morris, (Colorado), Dr. Maurice M. Provost, (Florida), and Dr. Mohammad G. Rabbani, (Brazil). May we take a silent moment to recall our respect for them and for their accomplishments. Should anyone know of any others please provide the names so they can be commemorated on this somber list."

Report of the Executive Director (Attachment # 1). The cover page for the color brochure written by Harry Pratt was exhibited, with a striking full color large photograph of an adult mosquito covering the entire upper portion of the page. The balance of the booklet remains to be printed. Initial printing is to be subsidized by a grant of \$5000 from Chevron Chemical Company.

On motion by E. S. Bordes, seconded by L. Ogden, authorization was granted to hold a "bargain sale" to reduce the inventory of excess copies of certain publications in stock, as follows: certain numbers of *Mosquito News* and other publications at \$1.50 per copy; the Directory at \$5.00 a copy, for orders received between June 1 and September 30, 1978, after which the regular price would be resumed. "Excess" copies are those over 100 of the recent numbers, and 50 of the older numbers. The sale will be on a "first come, first served" basis. On motion by Dan Gorman, seconded by L. Ogden, authorization was granted to publish an updated membership list as a supplement of the AMCA News Letter, to be sent free to members only on request, and to be sold to others at \$5.00 a copy.

President Nielsen: "Item #12 is a recommendation that the price of the Cartoon Booklet be established at \$250.00 per thousand, and smaller numbers, \$30.00 per hundred." On motion by Paul Hunt, seconded by Dan Gorman and adopted, distribution and sale of the Cartoon Booklet initially financed by a grant from Zoecon Corporation was authorized. The price was set at \$250.00 per 1,000 copies, or \$30.00 per 100 copies for smaller quantities. The imprint of the

purchaser on the front cover is included, but not shipping charges.

On motion by Glenn Stokes, seconded by Bruce Francy, and duly adopted, authorization was granted to the Executive Director, Treasurer and President to establish the price of the color brochure within a range that would allow a mark-up of 60% to 100% profit. This action was taken to allow the sale to go forward as rapidly as possible. The initial cost will be funded by a grant of \$5000 from Chevron Chemical Company. Mr. Mulhern explained that the grant of \$5,000 from Chevron and \$1,500 from Zoecon are considered as grants for revolving funds for use with these and other publications.

The Executive Director had reported receiving and responding to a request for information about mosquito control, for use in connection with a statement being prepared by the Council of Environmental Quality of the Executive Office of the President of the United States. One chapter will be devoted to public health and will contain a section dealing with the prospects of integrated pest management in mosquito control. It is therefore desirable that the initial contact be followed up in an effort to insure that the section of the report dealing with mosquito control be adequate and representative of mosquito control practice in the various sections of the country.

On motion by Louis Ogden, seconded by Gilbert Challet and approved unanimously, the Executive Director and President were authorized to follow up the initial contact, including an offer to the Council on Environmental Quality to meet with the Council to assist in the preparation of the report, provided the Council could provide funds for necessary travel.

On a motion by Dan Gorman, seconded by Louis Ogden and passed unanimously, authorization was granted to use AMCA funds to support necessary travel in following up this matter of the Executive Director and of the President if he cannot obtain travel funding, in case the U.S. Government does not fund travel for this

purpose. This motion was passed to insure that AMCA will not be hampered in its effort to satisfactorily represent mosquito control in this important function.

There was discussion relating to extending the annual meetings from 2½ days of paper reading sessions to 3½ days, and decision was referred to the first meeting of the incoming Board of Directors.

Executive Director—in regard to the security of the central office, I have first of all recruited a secretary who is far more than a secretary. Someone who knows not only how to do the operations that we must do but who knows about everything that goes on in AMCA because I have taken the time and trouble to tell her about the problems that occur and the strengths and weaknesses of the operations. Also, I have made it a very particular point to bring to the attention of presidents the details about which I think they should be informed. With Don Murray nearby, I feel that you are assured that we have protected the association to the very greatest extent.

Glenn Stokes—I would like to recommend that we bring Tommy's remuneration to \$4000 per year and also provide a car allowance. This would be an additional \$235 per month for the Executive Director and this would include a car allowance. Also that a committee be set up to work out the details, the committee being T. D. Mulhern, W. D. Murray, President and Immediate Past President. Gil Challet seconded the recommendation and it was passed unanimously to be approved at the final Board of Directors meeting.

President Nielsen—I would like to recommend consideration of Linda's position as a Business Manager and get more specific details as to what this involves in terms of duties and finances. It should be financially rewarding as well.

Paul Hunt—I think that in conjunction with Glenn's motion and with your report on that motion to the business meeting it would be in order for this Board if it so feels to express a vote of confidence in the

way in which the central office is being currently operated and administered, so if it is in order I would like to offer it as a motion that this board express confidence in the way that the central office is currently being administered. Bruce Francy seconded, and approved unanimously.

Dr. Axtell stated that in the future a letter of personal items be brought to the attention of the Board ahead of time so that the Board would be ready to act upon these at the annual meeting.

The Treasurer's Report was presented by W. D. Murray (Attachment #2).

Glenn Stokes presented the Program Committee Report (Attachment #3).

As Don Micks was not present at the meeting President Nielsen read the report of the News Letter Committee (Attachment #4).

President Nielsen then read the report of the Editorial Board of *Mosquito Systematics* (Attachment #5) and the report by the editor of *Mosquito Systematics*, Ken Knight (Attachment #6).

Dr. Wm. E. Bickley then presented the report as Editor of *Mosquito News* (Attachment #7).

President Nielsen—Ralph Barr took over the job as Chairman of the Editorial Board for *Mosquito News* and he did send me some correspondence on this. It is not an official report but I will read his very short letter. "I have solicited information from the members of the Editorial Board about activities during the past year. Only two of the board members responded and they did not report pertinent activity during the year. Perhaps the only thing that needs to be said is to convey our deep sense of loss at the passing of Maurice Provost. Maurice was of course the chairman of the Editorial Board at the time of his death.

The report of the Publications Committee was read by Mel Boreham (Attachment #8).

President Nielsen—Henry Rupp was appointed with your approval at the last board meeting as the new Chairman of the Publications Committee.

President Nielsen—I would like to rec-

commend to Paul that I think there is a need for Bulletin #2 to be revised and I think that the recommendations that an Editorial Board be appointed for that should be undertaken and perhaps presented at the next board meeting. The report and comments were taken under advisement for future action. Dick Darsie then commented that Bulletin #7 was not a complete revision of Carpenter and La Casse, and that it was a complete revision of the keys only.

T. D. Mulhern—Norman Akesson has condensed his earlier manuscript of Bulletin #1 and will present it later at this meeting.

Harold Chapman presented his report on Bulletin #6, Biocontrol of Mosquitoes (Attachment #9), and reported that progress was being made on this bulletin.

T. D. Mulhern—The cartoon booklet is finished and we are ready to take orders. The price will be \$250/1,000 or \$30/100. The royalty we pay the author will be 25% for the first lot, 15% for the second lot and 10% for any additional copies sold. We have a grant which will cover the immediate printing. The color brochure is in the process of completion. The front cover is here for exhibit. We have received a grant of \$5000 from Chevron for this bulletin. Jack Shanafelt is helping with the printing and the price has not yet been established. Dick Axtell suggested that we make the cover picture available for sale to members for a nominal charge.

Henry Rupp then presented his report on Bulletin #8, the Index to *Mosquito News* (Attachment #10).

Steele Lunt presented the report of the Financial Support Committee (Attachment #11).

Dick Darsie presented his report on Bulletin #7, "The Identification and Geographical Distribution of Mosquitoes of North America." He stated that the key for the adult females and the larvae of the 165 species is completed. The literature review is completed with 423 items in the bibliography. Distribution maps for 123 of the 165 species have been completed and the state records have been

catalogued and are ready to be added. The original manuscript is nearing completion, and what remains is principally the illustrations, since the lady who had initially agreed to do the work was now moving to another state. There was a lengthy discussion of the problems involved, resolved later, as reported in the tape transcript of the meetings. Subsequently, Dick Darsie was authorized to go ahead with the illustrations, which he estimates to cost not more than \$5000 total, having the artist bill AMCA for the drawings as they are completed, in accordance with previously agreed to estimates. When the manuscript complete with drawings is ready for printing, AMCA will fund the printing costs while attempting to underwrite the total costs by advance sales. Meanwhile, several local/state/regional mosquito control associations have pledged funds to underwrite the costs of the drawings, provided that AMCA cannot obtain a grant from another source for this purpose.

The report on the "Catalog of Equipment, Supplies, and Manufacturers" was presented informally by Gilbert Challet and Marco Giglioli, who are working on it together. Many initial contacts with suppliers have been made, and consideration is now being given to the format that will be followed in presenting the information. The report was accepted with thanks, and referred back to the committee for further implementation of the project. Dr. Giglioli also remarked that there was urgent need for the expertise of AMCA members in providing consultation and training for malaria control and other mosquito workers throughout the world, as these programs progress toward "comprehensive mosquito control" to overcome rapidly developing resistance by the vector species to formerly effective residual chemicals. President Nielsen concurred, and indicated that he would stress these needs in his Presidential Address at the General Business Meeting, and would urge that AMCA give more attention to these urgent problems in the upcoming year.

A map indicating countries outside of USA where AMCA members have performed services in the control of mosquitoes and/or mosquito-borne diseases was exhibited by Marco Giglioli. This was based upon responses to a query sent out via the AMCA News Letter, and is incomplete, because many members known to have performed such services did not report.

President Nielsen had previously pointed out that about 25% of the members and subscribers to *Mosquito News* are in countries other than USA so that AMCA is truly an international association; and that the evolution of mosquito borne disease control programs based upon a broader attack against the mosquitoes has enhanced the value to the international programs of the technology and information possessed by members of AMCA. It would appear that the changing emphasis in world-wide control of malaria and other mosquito-borne diseases has made it timely for increased participation of AMCA members in the world-wide effort, as consultants, resident technical experts, and particularly in training in effective mosquito control techniques since such training could be carried out either in the USA where there is opportunity to observe the successes obtained in operational programs, or in the countries where the unsolved problems exist so that they could be used as "demonstration areas." He proposed that the incoming President and Board of Directors consider how AMCA can best participate in the international programs.

The report of the Operational Articles Committee prepared by Louis Fronk, Chairman, (Attachment #12) was abstracted by President Nielsen. He said that the committee has been successful in obtaining increased numbers of operational articles, but that the offer to help workers not skilled in writing to prepare papers had created problems in a few cases where workers had sent in data that were insufficient as a basis for a significant paper, and then were disappointed to find that it was impractical to publish

the material. It was suggested that the committee function be modified to serve also as a "sifting" committee to pass upon the significance or value of submitted material, as well as encouraging publication of operational papers, and providing practical assistance in their preparation.

The Membership Committee Report of Chairman Steve Romney was abstracted in his absence by President Nielsen. It is a very long report, which for reasons of economy in printing had to be condensed (Attachment #13). President Nielsen was loud in his praise of Dr. Romney, who has been very thorough and complete in soliciting potential members, and whose efforts are reflected in the steadily increasing membership to a total of 2384. There are a considerable number of persons who derive considerable income from work with mosquitoes, and who do benefit from AMCA and particularly from its publications, who have not become members. A continuing effort must be made to enlist these workers.

The report of the Legislative Committee was presented by Mr. Richard F. Peters, Chairman. He commented that the primary legislative matter of importance to mosquito control agencies has been the unwillingness of CDC and of Mr. Califano, Secretary of DHEW, to recommend passage of the Federal Aid to Mosquito Control Bill, known as the "Boggs Bill," formerly HR12376 but in 1978 renumbered HR4261. It appears that Mr. Califano will not recommend for passage because DHEW considers mosquito control to be primarily a local matter, normally to be handled by local or state agencies, but that DHEW would continue to engage in surveillance of the distribution of mosquito borne diseases, would attempt to provide technical advice as educational material, and in epidemics of mosquito borne disease would provide emergency control assistance. It was the consensus of the Board of Directors that HR4261 is urgently needed in many parts of the country, and that an appropriate resolution should be prepared to so inform the authors, the DHEW, and others.

President Nielsen indicated that he had discussed with the Executive Director the functioning of various regulatory bodies, and it is suggested that AMCA needs a continuing "Governmental Relations Representative," to keep federal elected and administrative officials aware of the needs of mosquito control and of the problems that are generated by adoption of unnecessary or impractical regulatory laws and regulations. He suggested that Dick Peters be asked to take on this task on a volunteer basis after his retirement from the California SHD (which Mr. Peters has announced will take place at the end of 1978). When asked if he would do so, Mr. Peters indicated that he would consider it, but pointed out that there necessarily would be moderate expenses for travel, etc., and that he could not become involved until after his retirement. In the lengthy discussion that followed, it was the consensus that this would be a useful function, and that the position should be provided for now, and that Dick Peters who has had several years of service on the Legislative Committee be invited to accept this responsibility after he retires from the California SHD. Paul Hunt indicated that he would regard the proposed position as that of "an alerter, to feed back information about what is going on in government," so that official agencies might make their views known, and so that "grass roots support" for desirable activities might be expressed. After considerable discussion, Glenn Stokes made the motion to create the government liaison position or lobbyist whatever it is called and that Dick Peters be named to that position and that the scope of the position and its budget be determined later before the 1979 meeting. Louis Ogden seconded the motion and it was approved unanimously.

At this point President Nielsen reported that Dick Darsie had learned by phone that the original artist for Bulletin #7 was moving to the University of Kansas in June 1978. She is still willing to work on our project but will need microscope and other equipment and supplies

which could be arranged with the Kansas State University, Department of Entomology. Ken Knight thinks that Mrs. Chieng will still be willing to accept the project on a piece work arrangement of \$5.00 per illustration. Her supervision would be provided by Dr. Ward who would receive Xerox copies of the illustrations and either approve them or send them back for correction. She would be paid monthly for the number of illustrations she has completed for that month.

Glenn Stokes then presented his report for the Public Relations Film. Following the establishment of the committee last year by the Board of Directors at the Annual Meeting in New Orleans, all the questionnaires supplied by Chevron Chemical Company were completed, there was a total of 14. These were then summarized and a summarized questionnaire was then submitted to all members of the committee and this included Dr. Di Edwardo, the Directors, Tommy Mulhern, Dick Peters, Harry Pratt, Jack Rogers and they were unanimous. Although they had different comments to make regarding different public relations possibilities they were unanimous in agreeing that the movie presentation would be the most desirable. And so then we supplied this information to Chevron, to Bob Rice with Gibbs and Soell their public relations firm and they said they didn't have the money to make this film, it had been cut out of the budget and then that left us in kind of an embarrassing position and so Tommy was able to pick up the strings by getting them to agree to fund the brochure of \$5000. So we were in a position of taking half a loaf instead of the full loaf and there wasn't much we could do. I did, after that phone Bob Rice on two separate occasions to see if there is a possibility that we reactivate the project and he said there was but he couldn't offer any hope so far as getting the entire funding because it is definitely not put in Chevron's budget at this time.

Jack Lloyd presented the Public Relations Committee Report (Attachment #14).

Bob Shelton reported progress in assembling a series of slides and commented that some were available for exhibit. President Nielsen stated that he felt the project was a very viable one and we should continue.

Marvin Kramer then presented the report of the Information Coordination Committee (Attachment #15). President Nielsen stated his feelings in the importance of this committee and felt we would be getting some feed back and that it should help.

Robert M. Altman presented his report on the 1979 annual meeting. (Attachment #16). The location for the meeting will be the Capital Hilton, 16th and K Streets, the date April 8-12, 1979. We are grateful to the Board of Directors for advancing us \$1000 to help us get started. The committees have been selected and there is a list of the various committees attached to the report. I am especially pleased that the members of the Mid-Atlantic Mosquito Control Association have decided to come in with us and make it a joint meeting.

President Nielsen—thanks for an excellent job. It is obvious that everything is going well for Washington. The 1980 meetings will be held in Salt Lake City and I am the local arrangements committee chairman for that meeting. Glen Collett and the other Managers in Utah are also members and we will hold the meeting during the first week in April, the precise dates we will give you later. The Hotel Utah will be the site, where we have held two previous meetings. The 1981 meeting will be held in San Antonio, Texas and the 1982 meeting will be in California at Monterey, and the meeting is being considered for the second week of April. The 1983 meetings will be in Florida. Dan Gorman stated that the only comments that he has had is that it will be in Lake Buena Vista, Florida in the Contemporary Hotel.

Oscar Fultz, Chairman of the Finance & Policy Committee requested Dick Axtell to present the preliminary draft of the AMCA Policy Statement in advance of the

main Finance & Policy Committee report (Attachment #17). Don Murray moved that the AMCA Policy Statement as presented be adopted in principle with provision for final editing at some other time. Bruce Francy seconded the motion and it was approved unanimously.

Oscar Fultz reported for the Finance & Policy Committee (Attachment #18).

President Nielsen commented there were several items that would indicate that some recommendations of the committee would have to be acted upon by this Board; mainly, one item of putting a moratorium on any new projects sponsored by AMCA, and a policy that all invited speakers should pay their own expenses. It was the consensus of the Board that these items be referred to the final board meeting.

Harold Chapman presented the report of the Central Office Planning Committee stating that the committee was relatively inactive this year and that no written or formal report would be dispersed. Discussion by committee members have continued regarding our excellent central office and staff.

Bob Washino presented the report of the Bylaws Committee (Attachment #19). There were two proposed changes in the Bylaws that the Bylaws Committee was asked to take under advisement. The first involves changes in the selection of procedures for regional director, and the other was for rates of membership dues. There was another item, and that was a proposal for student rates.

President Nielsen—the item on having the board set the dues has been circulated and can be acted upon at the Wednesday afternoon business meeting. If it is passed there, then on Thursday we can recommend the dues increase if we wish. Tommy informs me that in order to pass this on to the Business Meeting Wednesday, we should as a board approve the Bylaws change which we then would submit to the Board on Thursday to set the dues. Bruce Francy so moved, Harold Chapman seconded and it was approved unanimously.

Much discussion was held concerning the opinion that we could prepare a new publication on the order of the News Letter to be distributed at certain intervals, a title such as "Policy Makers News Letter" for mosquito control, which would contain items of particular interest to policy boards and boards of trustees, at a price of \$10 instead of \$20 and discussion also concerned student members being allowed to vote.

President Nielsen suggested the present News Letter should contain more things of interest to trustees and commissioners and be offered to students, trustees and commissioners at a half price full membership. It was suggested that one member of the News Letter Committee be designated to prepare or obtain news material that would be of particular interest to commissioners and trustees, and then submit these for the News Letter. Dan Gorman suggested that this be deferred to the incoming officers and the Bylaws Committee. President Nielsen stated that this had been originally planned as a major item of business for the interim board meeting sometime next October, or delay it for the President to present at the next board meeting.

Jay Graham presented the World-Wide Committee Report (Attachment #20).

Fred Lesser stated that The Fish & Wildlife Committee did meet in Midland, Michigan last year, but there was no formal report to be given and no future meeting planned.

Bruce Francy reported that the Awards Committee was active this year and deliberated on names of individuals submitted. The recipients of the AMCA awards will be announced at the appropriate time. There is still some confusion about the nature of awards, therefore the committee recommends that general qualifications be developed for AMCA awards to establish a specific guideline. (Attachment #21)

President Nielsen referred this item for study and action on Thursday at the final board meeting. Gil Challet proposed that the committee publish in *Mosquito News* or

the News Letter a list of the past recipients of awards and possibly prepare a plaque listing the names. Mr. Mulhern stated that we hope to get a complete list of all awards that have ever been given for a report in the News Letter or *Mosquito News*.

President Nielsen proposed that action be taken to establish an annual AMCA Memorial Lecture. This would be to bring a speaker of international stature such as Dr. Gillett whose book on mosquitoes is a beautiful publication. Acceptance for this is held up because of the expenses involved for most participants. Bruce Francy—there have been several meetings with a discussion of an Endowment Fund. Would it be possible for a Lecturer Endowment Fund be established? One could be used to finance an international lecturer and the other could be set up as a memorial to a departed outstanding member.

Gil Challet moved that the recommendation in Lew Nielsen's letter of January 27, 1978 be accepted, that we establish it and an outstanding speaker be selected, committee be appointed and it go forward. Bruce Francy seconded the motion and it was approved unanimously. (Attachment #22)

At this time there was considerable discussion on charging for reprints of obituaries which appear in *Mosquito News* and it was the consensus of the Board of Directors that this decision should be made by Dr. Bickley, Editor of *Mosquito News*, since there was already a procedure whereby items such as this were to be handled by the Editor.

Thomas D. Mulhern suggested that consideration be given to establishing an honor roll to select one person each year who had done something outstanding in mosquito control. The name would appear in *Mosquito News*, with a new name to be added each year. This could be called the Memorial Honor Roll, and is only presented to the Board at this time for thought.

Thomas D. Mulhern suggested that AMCA consider establishing a Permanent



Memorial Foundation fund. He presented a draft of a sample resolution (Attachment #23). Much background work is needed to assure a legal and secure program, but the present information sets up a basis for establishing the foundation and soliciting contributions. T. D. Mulhern urged that this Foundation be established, with an advisory committee to polish up the details. The Bylaws do not prohibit this kind of program.

President Nielsen noted that AMCA is a tax-free organization and can receive donations that are tax deductible, so this could be a considerable source of income for the Association. This fund may be used for anything which the advisory committee recommends to the Board of Directors and which the Board approves. It would be a permanent foundation in principle except if the donor did not specify a special purpose then the principle would not be used.

Gilbert Challet moved that the resolu-

tion be accepted, seconded by Fred Lesser, and approved unanimously.

Thomas D. Mulhern then discussed the idea of a Training Program coordinated by AMCA. He encouraged the Board to give consideration to a training program for mosquito control workers. AMCA would not actually provide the training but would arrange for it. For example, the U.S. Public Health Service has professional people who could provide educational sessions, hold panels, and conduct seminars. There could be a summertime traveling seminar which could be opened up on the basis that one pays as he goes, for perhaps six or eight weeks, with different kinds of training given in different parts of the country. Some of the training sessions could be in conjunction with the Annual Meetings.

Dr. Khian K. Liem then presented the report of the Resolutions Committee (Attachment #24).

Meeting was adjourned at 6:00 pm.

**MINUTES OF THE ANNUAL BUSINESS MEETING OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION, PICK-CONGRESS HOTEL, CHICAGO, ILL., APRIL 19, 1978, 3:15 p.m.**

\*(Report condensed for economy in publication)

President Nielsen called the meeting to order and appointed Don Murray as Parliamentarian. The minutes of the 1977 meetings appeared in *Mosquito News*, Volume 37 #3, September 1977. These minutes were approved unanimously.

President Nielsen presented an informal report, summarized as follows: "It has been a great privilege to serve as president during 1977, which was a good year for AMCA. Our first interim board meeting was held in Provo, Utah, September 25, 1977. The minutes were published in the March 1978 issue of *Mosquito News*.

"The main problem facing AMCA at the present time concerns its financial stability. Although financially healthy now, AMCA may not remain so unless we have a considerable increase in funds. This means that an increase in dues is necessary for 1979. The workload of the central office continues to increase. Tommy and Linda put in a long day every day. I think that we cannot reward them simply by giving them a pat on the back. The Board meeting held on Monday was a very long meeting. We considered over 45 items and it took us from 9:00 am to 6:00 pm, and I am supposed to summarize all that took place in the next hour and a half, which means that we have to move rapidly. I will summarize

\* Complete tape transcript filed in AMCA central office—Fresno, CA.

the reports given by the various committees, and if there are additional remarks from the committees or members, they can interrupt and add to the summary.

"First item will be the report of the Executive Director." T. D. Mulhern (Attachment #1).

"It is right and proper at the beginning of our meeting to take notice of the fact that during the year some of our respected colleagues passed away. Harry Batt Sr. of Louisiana, W. C. Benson of Florida, Arthur B. MacIntire of Florida, Maurice F. Morris of Colorado, Dr. Maurice Provost of Florida and Dr. Mohammad G. Rabbani of Brazil. May we take a silent moment to recall our respect for these people and for their accomplishments.

"Since the last meeting, four numbers of the AMCA News Letter were issued. We have to regard the News Letter as our only opportunity for a personal letter to each of our members; we can't possibly write you separate letters. The News Letter gives the President a chance to talk with you about things that are happening that otherwise you might not know.

"The membership list is being updated and will probably be distributed as a supplement to the News Letter, sent to any member who asks for it. The Directory of Agencies sold 139 copies in 1977 for a profit of \$835.00. Now we especially want to express thanks for some of the grants that we have received. The NIH Grant to support Helen Sollers-Riedel's project was renewed to extend for 2 years; 1 year has been funded. To the Chevron Chemical Company goes our thanks for a grant of \$5000.00 to a revolving fund to allow AMCA to float the Color Brochure by Harry Pratt. The very attractive cover for this is on display. The income from this project should help to fund additional publications, notably Bulletin #1. A draft has been supplied by Professor Norman Akesson.

"The Zoecon Corporation provided a grant of \$1500.00 for a revolving fund to get out the Cartoon Booklet for primary schools, and we are now taking orders.

Space is provided on the cover for the imprint of the agencies that purchase copies.

"The staff work necessary to set up an endowment or permanent fund has been done, and the Board of Directors has asked the Resolutions Committee to draft a resolution to effect this, and I certainly hope that you will see fit to approve. It has taken about four years since the first proposal, and it is time to go forward.

"A memorial honor roll has been proposed. Each issue of *Mosquito News* would honor one retired or deceased member of our association, with a little write-up and picture, as a record about a distinguished person."

"AMCA has been unable to fund the Darsie Key. Now a number of mosquito control associations have pledged sufficient grants so that we can now recommend that AMCA go ahead with this promptly and Dick Darsie has made satisfactory arrangements with the artist, so this can go ahead. We shall still do everything possible to obtain a grant to fund this, in which case it will not be necessary to call in the pledges.

"We have a large number of excess publications in stock. There are more than 14,000 copies of *Mosquito News*, requiring about 400 linear feet of shelf space and we propose a sale for a limited period of time to sell off the excess for \$1.50 a copy including postage, and at the end of that time to destroy the remaining excess copies, retaining only a reasonable reserve supply.

"Advertising has been increased from 71¼ pages in 1976 to 82¾ pages in 1977, a gain of about 16%, which equates to about \$2,200.00. That's good but not good enough. We need a lot of help in the sale of advertising. AMCA also needs more members and more subscribers, and certainly needs all the help possible in selling publications. When you are billed for dues, please pay promptly because by doing so you can improve our cash flow position, and save a great deal of time in bookkeeping and writing dunning notices.

"We have taken a number of steps to insure the security of the association. We are hoping that we can retain office space where we are, but if we should have to move, we can rent suitable space in Fresno and could move and be operating in three days. I have also considerably advanced the development of an Executive Director's Manual, including a lot of the procedures and statistics that we have worked up, and Linda Shields has become thoroughly trained as an excellent Administrative Assistant. Don Murray has also been kept fully aware of the problems that we are meeting, and I endeavor to keep the President fully informed, even though many items do not require action by him, so the office is very secure. Although funding is such that we cannot undertake some project because of cost, we have been able in the last four years to operate without having to actually draw any of our reserve funds. This may come as a surprise, because each year our projected budgets have shown deficits, but by hard work and the fact that certain spending projects were not attempted, not necessarily because of funding, we have been able to complete each year with a balanced budget, and with even a little increase last year. You must understand that we don't budget on the basis that a government agency budgets. When a government agency has its budget approved, it is sure to get the funds but AMCA's budget represents only a conservative estimate of anticipated income, but it takes a lot of voluntary participation by members and customers to make it come about.

"I believe that we are all disturbed there has not been more dependence by the regulatory agencies, particularly at the federal level, on the technology that exists among the members of our association. However, I am hopeful that an occurrence of last week may be a good sign. We received a letter from the Council on Environmental Quality of the Executive Officer of the President of the United States, as follows: 'The Council on Environmental Quality is preparing a

report on the status and prospects of integrated pest management in the United States. One chapter of the report will be devoted to public health pests. In this chapter, we want to summarize the status of organized mosquito control activities in the US, including information on the states that have organized control districts, the size of the districts, and the general control approach taken by the various states (ditching, biological control, insecticides, etc.

Any of the above information that you can supply to the Council for our use in preparing this report will be greatly appreciated'.

"I sent statistical data about the agencies in the USA, and some commentary about mosquito control, pointing out that local mosquito control from the start generally utilized what now is commonly called integrated control. I also offered the services of AMCA in providing additional help in producing the chapter relating to mosquito control. Dr. Hazeltine obtained for us a copy of the draft of the report upon which we were invited to comment, so we are trying to arrange for reviews by a few key mosquito workers, as a basis for our next approach to the Presidents Council."

Dr. Nielsen: "Dr. Murray will now summarize the auditor's report for 1977 and our budget for the current year."

Don Murray: "Last year we budgeted with approval of the Finance Committee receipts of \$87,600.00, a deficit of \$10,405.00. This was amended at the board meeting to increase the deficit by \$13,524.00. Actually, we ended the year with expenditures of \$101,000.00, and receipts of about \$104,000.00, or \$2,778.00 to the good. However, the auditor noted that returns from one of our investments included both earnings and return of capital, so our income was only \$696.00 more than we spent. Our initial budget estimate for 1978 included receipts \$101,000.00 and expenditures \$121,000.00 or \$19,720.00 over-budgeted. At the meeting of our Board on Monday, other items were added so

that the budget might be \$25,000.00 to \$30,000.00 overspent. But don't get too excited about this. As Tommy said, some things that we dream about are not done, but if we stop striving we are certainly going to stop progress, so we must aim high, but be realistic about spending, and I hope that we can maintain this philosophy. I don't want anyone to think of me as a stopper of any project that is approved. Projects make this organization go, but the money has to come from somewhere, and I might say that through the extraordinary efforts of several persons, more money came in and is coming in than we anticipated. This is the way we like it, because then we can do things."

Ernie Fetzter presented a report on Local Arrangements: "Four hundred and four delegates registered, and we have 100 ladies, and 30 exhibitors. This morning we had 45 at the managers' breakfast and 73 at the trustees' breakfast. There are 12 representatives from foreign countries. Glenn Stokes gave a short report on the program: There are 11 invitational papers this morning, there was a directors'/managers' breakfast, and trustees'/commissioners' breakfast: there will be an exhibitors' breakfast tomorrow morning. There were 105 papers on the program. I would particularly like to thank the invitational speakers and the session chairmen and past chairmen."

Dr. Bickley presented a report as Editor of *Mosquito News*: "We had a spectacular increase in the number of articles and the number of pages printed in 1977: about 200 pages; and of course this cost more money. However, over the past five years, we underspent about \$8,000.00 of budgeted funds so that the 1977 deficit of \$7,000.00 is compensated for by the earlier savings. The September 1977 number was very large. The main reason for the deficit is early publication. The point is that if you get acceptable papers and can't get them published in less than nine months, the knowledge of this gets around and authors will not submit their best papers to *Mosquito News*, so we tried

to get the papers published as quickly as possible. Also part of the cost is offset by income from page charges, reprints, advertising, and subscriptions.

"I would like to emphasize the severe loss to *Mosquito News* due to the death of Dr. Maurice Provost. He was a very effective member on the Editorial Board. May I publicly thank the members of the Editorial Board and the members of the Editorial Staff and the members of the Operational Articles Committee for fine support. The Boyd Printing Company is also very cooperative. There has been a change in the copyright law so when you submit a paper you will be asked to give publication rights to the association. Other major scientific journals are doing the same thing, and we keep the releases on file to avoid possible lawsuits in the future. Also, we now have an ISSN number (The International Standard Serial Number) which makes it easier for librarians and cataloguers to keep up with the publication.

"I represented the association at the meeting of the Council of Biology Editors, and this is a good thing because it makes it possible to keep up with things like this copyright law. We have been getting *Mosquito News* out on time. It leaves Albany soon after the 20th of the month, but it takes about two weeks in the mail to get around the country."

Dr. Nielsen: "To save some time, I shall summarize most of the other reports, which will be published in *Mosquito News*. Most of them require no action from the general assembly, but are presented here to keep you informed of activities of our committees that are doing such outstanding work for the association. After Maurice Provost died, Ralph Barr accepted the job as Chairman of the Editorial Board. Dr. Ken Knight, Editor of *Mosquito Systematics*, sent a short summarized report as follows: During 1977 *Mosquito Systematics* published four numbers, including 25 articles and 548 pages. There are 292 subscriptions. He wished to commend Tommy and Linda for their cooperation in helping to make this jour-

nal go. The Editorial Board for *Mosquito Systematics*, chaired by Jim Kitzmiller was particularly active this year. *Mosquito Systematics* has not been self-supporting and to overcome that we were forced to increase the subscription price to \$10.00. Until this year there had been no page charges, but in the face of rising costs, the Editorial Board recommended charges of \$12.00 per page for each page over 20, beginning in June 1978. The size of the journal will also be restricted. However, any author by paying full page charges can get his article in the next issue. The Editorial Board wishes to commend Ken for his superb work and service as editor of this journal. Don Micks, chairman, writes that the AMCA News Letter is continuing to be an unparalleled method of informing the members rapidly of association affairs and activities. With the March 1978 issue, we have received and published well over 100 separate items and the effort and commitment of Tommy and his staff has been very great. Don feels that the News Letter is still greatly underused and recommends further and increasing use by members of the association.

"The Publications Committee was chaired by Gary Mount. He is not here but I have his report. The committee was disappointed that we were unable to finance the Identification Key by Dick Darsie, and has recommended that we make every effort to go ahead with this. Tommy has told you we now have pledges totaling almost \$6,000.00 and should be able to proceed with this bulletin now. Another recommendation by the committee was that Bulletin #2, "Ground Equipment and Insecticides for Mosquito Control," be revised. It is now 10 years old and out of date. Professor Akesson has provided a draft for Bulletin #1, Revised, on "Aircraft Spraying for Mosquito Control." With some editing this should be ready for publication within a year. Bulletin #6, "Biological Control," with Harold Chapman as Editor, has made great strides in the last year. It now has a

full editorial board, and Harold has been establishing the format and making assignments for the parts to be written. Hopefully this bulletin will be ready sometime within the next year. We have mentioned that Bulletin #7 by Dick Darsie, "Identification Key of North American Mosquitos," now appears cleared to go ahead. Bulletin #8 is an index to all past issues of *Mosquito News*, to be edited by Henry Rupp. He has been working hard on this and has a total of about 15 or 20 typed pages, representing progress, and it may come out in three volumes, the first to cover the first 15 years, with two additional, each covering a 10-year period. Compilation has been begun of a catalog of equipment, materials, and services, to be edited by Dr. Giglioli and Gil Challet.

"The Operational Articles Committee headed by Lou Fronk has been very active attempting to obtain more operational papers and notes for *Mosquito News*. Unfortunately some of these are beyond editing help, and Henry Rupp has done some ghost writing for us. The Operational Articles Committee recommended that we appoint a sub-committee to sift and select suitable articles, and this will be implemented during the coming year. The Membership Committee headed by Steve Romney has submitted to us a 15 page report. Steve is one of our most energetic members, his committee has been extremely active. Steve took over in January 1976 at which time the membership was 2323, in the last two years the membership has grown to almost 2500, just a few short. Steve reported that 92 new members and subscribers have come in since January of this year. This kind of activity we greatly appreciate.

"The Legislative Committee chaired by Dick Peters has presented a short report. The committee is concerned that because of excess precipitation during early 1978 there may be a major threat of encephalitis, and they want to make a special effort to get the Boggs Bill enacted during 1978, and they are trying to get strong

CDC support. Dick has scheduled an appointment immediately following this meeting with Lindy Boggs. I would like to mention that at our last Board meeting, Dick was appointed as AMCA Extension Representative. This title means that Dick is going to help us in dealing with regulatory agencies and other groups which have been inhibiting or in some way constraining our activities. The duties will be rather broad and Dick will need to talk to a lot of different people. Dick still is not retired, but he will not retire from his present position until the end of this year and will assume this new position effective after his retirement.

"The Public Relations Committee chaired by Jack Lloyd has been very active during the past two years, and because of their activity we now have the color brochure on mosquito control in the US by Harry Pratt which is virtually completed, and copies of which should be ready soon. They also have Bob Shelton working on a 35mm slide series. He has developed an outstanding slide series on mosquito control in Texas and Louisiana, and is seeking slides from other parts of the country, and preparing other series which will be available for other regions. The committee is also assembling or preparing to assemble a bibliography of audio visual materials on mosquitoes and mosquito control. There is no time schedule for completion of this but it should be very useful when completed. The committee is also preparing or trying to get together some short articles of a few hundred words which deal with public relations, and these articles may be placed in the AMCA News Letter, so that the News Letter will begin to contain public relations material. Of course Tommy mentioned the mosquito control cartoon pamphlet which is now available upon order. This resulted mainly from the efforts of Tommy Mulhern and Steve Silveira. The California Association and Kathy Moore did the work on this. The Information Coordination Committee was established to document examples of

restraints that are placed upon our association and mosquito and vector control agencies. An outstanding report was prepared last year by Howard Greenfield, as Chairman of the committee and Marv Kramer as current Chairman has summarized that report. It is an excellent summary, which we have already sent with a cover letter to all mosquito and vector control agencies in the US asking them to supply us with documented instances of government or state regulatory interference. We are getting some returns and hope that more will come in as time goes by, to give us information needed to deal more effectively with the regulatory agencies.

"The Finance and Policy Committee report was not acted upon by the Board on Monday and was deferred until the meeting tomorrow. I therefore will not discuss it in much detail. However, the Committee has recommended approval of the 1978 budget as presented by the Treasurer and has suggested that AMCA entertain suggestions to look for ways of gaining more funds in terms of endowments and other possible ways. The Financial Support Committee chaired by Dr. Steele Lunt has been very active. It was formed last year when we realized that our budget expenditures were exceeding our income, and we felt that there were ways in which the associations might be able to obtain additional income. The committee has been studying this problem and has made excellent suggestions for strengthened financial structure. The committee recommended that the membership dues be increased, and that subscription rates be increased, and that the kinds of memberships be studied and changed to provide more income. The Board will consider tomorrow some additional forms of membership such as student membership, trustee membership, and various types of contributing and sustaining memberships, all of which can increase our income in the form of tax free contributions. They also recommended that page charges for *Mosquito*

*News* be increased, that additional advertising and increase in rates for advertising be considered, and that active solicitation and donations from individuals and organizations be undertaken.

"At this time I would like to have Bob Washino give us a report of the Bylaws Committee, because this group needs to take action." Bob Washino: "There are two main items that the Bylaws Committee took under advisement. The second item will be considered at the next Board meeting, so I am going to bypass that item. The first item involves proposed changes in the AMCA Bylaws, Article 3, section 1. The 2nd and 3rd paragraphs should be changed to read as follows: *"Members shall pay annual dues as set by the Board of Directors, shall receive Mosquito News and shall be entitled to hold office, serve as members of standing committees, serve as delegates to conferences, and to propose motions and participate in discussions. Life Member—Any member may become a life member of the Association upon payment in lump sum to the Executive Director a sum set by the Board of Directors, and thereafter shall be exempt from further payment of dues."*

President Nielsen: "The change in the Bylaws permits annual dues to be set by the Board of Directors as discussed, and needs to be acted upon by this group. Before we discuss this may we have a motion and a second?" Fred Lesser moved to adopt the change in the Bylaws as read, and Bruce Francy seconded. Dr. Nielsen commented: "The purpose of this was to facilitate income for the association. Sometimes it takes a year or more to adjust our dues because we have to wait for an annual meeting to change the Bylaws. Remember that the Board of Directors are members and pay dues too, and are concerned about keeping them at a low level, but we want you to know that if approved, we will recommend tomorrow that our dues be increased to \$20.00 a year. Although *Mosquito News* is bringing in considerable income, the fact remains that last year it cost us \$16.00 per member to print and mail *Mosquito News* and it just doesn't seem good business to publish a

journal at a cost greater than the membership dues, and in addition, the various project costs and the central office expenses and all the other budgeted items make it absolutely essential that we have a more secure source of income. An increase in dues to \$20.00 a year should take care of our financial needs for several years, and you can be assured that the Board has no intention of raising the dues at regular intervals. In my presidential address, I pointed out that the association dues have increased only \$11.00 since 1935 and for the past few years, even with the increase to \$15.00, Don and Tommy have been working very hard and the Board has worked very hard to just try and make things come out even. The staff has done a pretty good job and we were dismayed when we had to delay or table action on the Dick Darsie Key, something we wanted to see very much, and yet we could not do this without deficit spending, so we feel there is a strong need for a dues increase and we would like to act on this, effective for 1979." A motion to adopt the Bylaws change was made by Fred Lesser seconded by Bruce Francy and passed unanimously.

Dr. Nielsen stated that "The World-Wide Committee is one of our most important committees, because it deals with AMCA on an international basis. The chairman is Jay Graham and he has presented an excellent report, of great merit. The committee recommended a revision of Bulletin #2 on Ground Equipment. This was also recommended by the Publications Committee. They would also like to compile a list of members who wish to serve as consultants to organizations such as WHO, AID, and PAHO, and have it on file in Tommy's office. The world-wide Committee feels that it should make every effort to obtain more articles from people outside the US. The AMCA Awards Committee should give awards to workers in vector control from various parts of the world. Perhaps we are too provincial in making awards. There are outstanding mosquito control workers in many other countries, many of

them members of our association. The AMCA News Letter should contain an international listing of meetings related to vector control. Although the cost of *Mosquito News* is minimal in the US, there are areas in the world where the rate of exchange makes the cost very high, and the association should search for ways to finance and distribute *Mosquito News* where it is needed and where people don't have money to obtain it. Another excellent suggestion was that surplus proceedings of state and regional meetings should be collected by AMCA and made available free of charge to those around the world who would like to have them.

"The Awards Committee has selected three individuals to be recognized but the names will be kept a secret until the banquet. There are two Medal of Honor awards to be given and one Distinguished Service award. The awards committee suggested guidelines to be followed in future selections. Another suggestion is that a permanent record be made of all past award recipients, with an award plaque with names of past awardees to be affixed, and displayed at each annual meeting.

"Dr. Liem will now present the report for the Resolutions Committee." Dr. Liem read the resolutions, printed elsewhere. Dr. William Hazeltine moved to accept, Don Johnson seconded, and the resolutions were approved.

Dr. Altman presented a report on the 1979 meeting plans. Dr. Altman: "The 1979 meeting of the association will be a joint meeting with the Mid-Atlantic Mosquito Control Association, April 8-11 or 12. The Board of Directors meeting will be held on Sunday, and the regular sessions will begin on Monday. It will be held in the Capital Hilton Hotel which is downtown in Washington, DC. It is an excellent location for our people to visit the capitol. It is a fine hotel with excellent meeting facilities. April is a delightful time to be in Washington, DC. We are going to do all we can to give you a fine meeting and hope that all of you can come." President Nielsen: "The 1980

meetings will be held in the Hotel Utah, Salt Lake City, on April 11-16. This will be our 3rd annual convention with AMCA. The 1981 meeting will be held March 14-18 in San Antonio Texas, with the Texas association as the host. The 1982 meeting will be held in Monterey California hosted by the California association. In 1983 the meeting will be held in Florida at Lake Buena Vista.

"It is now time for me to become a has been. Will Dick Peters escort Bob Washino our new Vice President, to the podium. Will George Carmichael please bring Glenn Stokes to the podium. Harold Chapman, will you please bring Mr. Paul Hunt to the podium?"

President Nielsen: "Paul, it gives me great pleasure to present you this engraved gavel. It states *Paul J. Hunt, President 1978, AMCA*. It's all yours! Paul Hunt: "Thank you Lew, but before you go too far, as an expression from the association for the fine way that you have conducted the association business this past year, we want Tommy to come forward and pin you with the Past Presidents pin."

Mr. Mulhern: "In an association like this with such widely diversified people from such widely separated places, and with the President 800 miles away from the Executive Director, it is inevitable that during the year a great many frustrations and annoyances and problems arise, so at the end of a year like that, with the greatest continuing respect and friendship, it's a great pleasure to me to be granted the privilege of pinning the retiring officer as he graduates to the ranks of Past-President, and a tremendous personal pleasure to pin Lewis T. Nielsen and to offer him congratulations for a superb presidency."

Paul Hunt: "Standing in front of you is a real greenhorn, and I just want briefly to say that as I approach this job with which you have honored me, I do so with great awe for the confidence that you have expressed. But the honor in serving is not enough. As the other officers and Board of Directors, I know that you ex-



pect things to happen. We promise you that we will be working very hard for AMCA and will be giving our best efforts in the coming year. There are no less than 150 people designated formally to voluntarily contribute their time and talents to make this organization function. Included are the officers and Board members, the editors and the editorial boards and staffs of publications, committee chairmen, committee members, and others serving general appointments. In addition, the central office in Fresno is ably operated as you well know by Tommy and our Administrative Assistant Linda Shields. And of course there is Don Murray who keeps our money safe and releases it carefully. We want to thank all of these good people in advance for their services in the coming year. I hope that our interest this year can be in strengthening the services which will be of universal benefit to our members world-wide. I also hope that we stand ready to direct our efforts toward specific needs as you members make them known. It is highly important that we directly relate ourselves to your needs and to others. Encouragement of AMCA sponsored training programs is one example. The AMCA News Letter provides communication between the

membership and the officers and committees, and should be used more and more in the future. The Executive Director invites new information and input for all the activities of the association, and you are asked to contribute your thoughts on issues, your expertise on problems, or to express your needs. It's only through such active communication from such a large wide-spread organization that AMCA can reach for a higher potential benefit and be responsive to its members."

Dr. Richard Axtell read the AMCA Policy Statement prepared by the Finance and Policy Committee and approved by the Board of Directors with a recommendation that it be adopted at this general meeting. After discussion and with the provision that certain terminology be clarified before publication and distribution, it was adopted by unanimous vote, with the added promise that it be distributed to this general membership via the AMCA News Letter, on motion by Gilbert Challet, seconded by Dr. Richard Axtell. (See Attachment #17).

On motion by Dan Gorman, seconded by Robert Sjogren, all actions of the Board of Directors during the past year were approved by unanimous vote.

Meeting was adjourned at 5:10 pm.

#### CONDENSED MINUTES OF THE FIRST MEETING OF THE 1978-1979 BOARD OF DIRECTORS, APRIL 20, 1978, CHICAGO, ILL.\*

President Hunt called the meeting to order at 8:35 am. He then welcomed the other officers for 1978-1979: Glenn M. Stokes, President-Elect, Dr. Robert K. Washino, Vice-President. The list of 1978-79 committee appointments had been distributed on the first day of the meeting. The list was approved on motion by Dr. Nielsen, seconded by Fred Lesser, and approved unanimously. The Publications Committee has recommended that we revise Bulletin #2. Carl Rathburn has agreed to serve as chairman

of an editorial committee. It also has been suggested that specific insecticide recommendations be omitted in the revision. Dr. Axtell suggested that the revision be called "Application Equipment." Mr. Mulhern commented that there is a practical advantage in revising a bulletin rather than issuing a new number, because we keep getting calls from libraries for the bulletins that have gone out of print. They want the entire numbered series, and when there is a revision, that satisfies the orderly arrangement. Fred Lesser moved that we revise Bulletin #2. Dr. Axtell seconded, and the motion was adopted.

\* Complete tape transcript is filed in the Central Office at Fresno, for future reference if needed.

President Hunt stated that the need for another committee has been discussed informally. There are a lot of in-house actions that have to be taken between Board meetings, within defined policy, that could be handled by an Executive Committee. The Executive Committee could be the President, President-Elect, Vice President, Treasurer, the two Past Presidents. The Executive Director could serve as an ex-officio member. The Bylaws Committee would have to work out details and the duties of the Executive Committee. Think about this, and we can act upon it later.

President Hunt added that: "It has been proposed that future meetings be 3½ days instead of 2½. If a change is to be made, it should be made now so that the hotels which have been selected for meetings through 1983 can be notified." After long discussion, Dr. Nielsen moved that the future meetings be extended to 3½ days instead of 2½. Dr. Axtell seconded, and the motion was passed 7 to 4, 1 not voting.

President Hunt referred to the earlier discussion of the increasing work load and responsibilities of the central office staff, and moved that the Board of Directors adopt the proposal to increase remuneration for the Executive Director to the amount allowed without penalty by Social Security (\$4,000 in 1978) plus, an allowance of \$1,800 a year or \$150.00 a month for the necessary use of his automobile. Also, the responsibilities of Linda Shields would be increased as proposed, with a 5% increase in salary, and a new title of "Business Manager." Fred Lesser seconded, and the motion was approved unanimously. President Hunt explained that funding for the change will be in the budget to be presented by Treasurer Murray for Board consideration.

After lengthy discussion of the rising costs of printing *Mosquito News*, (now \$43.00 per page plus extras for authors' corrections, etc.) Dr. Axtell made a motion to raise page charges to \$35.00 per page, for all publications beyond one page, effective with the September 1978

issue of *Mosquito News*. Fred Lesser seconded, and the motion was approved unanimously.

President Hunt suggested that we contact all state and regional associations, and ask those that have 1/4 page advertisements in *Mosquito News* to take 1/2 page, and that we solicit associations that are not now advertising in *Mosquito News*. We need to be aware of the various associations and we need to know the officers, their meeting dates, cities and hotels. It was suggested that the Executive Director contact them with this proposition. On motion by Glenn Stokes, seconded by Don Murray, this plan was approved.

President Hunt asked for discussion of the report of the Operational Articles Committee, and the included recommendations, one of which was a proposal to have a special "sifting committee" for operational articles. It was agreed that the President should ask the Chairman of the Operational Articles Committee to appoint a sub-committee of three of his committee members for this purpose.

Funding for Bulletin #7, "Identification of the Mosquitoes of North America" was considered.

Fred Lesser moved that up to \$5,000 be authorized to fund the preparation of illustrations for Bulletin #7, "Identification of the Mosquitoes of North America." Treasurer Murray reviewed the pledges made by various mosquito control associations, which are conditional upon AMCA not being able to obtain a grant from other sources, and he asked that we be authorized to call in the pledges only as necessary, return them to those who contributed, or maintain them in a continuing revolving fund for additional items, whichever seems appropriate. He added that at the present time we need not call in those offers. Mr. Mulhern suggested that a time frame be added for guidance to our financial support, so that the committee will have time to solicit a grant.

Dr. Nielsen commented that Dick Darsie had received word from Dr. Richard J. Sauer, Head of the Department of En-

tomology at Kansas State University that space could be provided in which the artist could work, in order to advance this project. On motion made by Fred Lesser, seconded by R. Axtell, up to \$5000 for the illustrations was allocated, and Dr. Darsie was authorized to proceed immediately to complete the illustrated manuscript for Bulletin #7.

The Report of the Finance and Policy Committee (Attachment #18) was considered and thoroughly discussed. Two policy proposals recommended by the Committee were approved unanimously as stated below, with minor amendments based upon the principle that a current Board of Directors cannot firmly commit for all time subsequent Boards of Directors, and must allow for discretion by the future Boards; but the current Board may express a strong conviction and recommendation to future Boards on policy matters.

### POLICY 1

All future proposed projects requesting sponsorship by the AMCA and expecting to cost \$1,000 or more shall be submitted as a written proposal to the Officers and Regional Directors. The written proposal shall be made available to all the Officers and Regional Directors for their review prior to any official business meeting of the AMCA.

The proposal shall include the expected cost and any possible reimbursements. The proposal shall specify the person to be accountable and the conditions of the proposal shall be clearly defined.

It is the intent that project proposals accepted and approved by the Board of Directors be binding upon the Association for completion within a reasonable period of time, but for adequate reason may be reversed or negated by a 2/3 majority vote of future Boards of Directors.

### POLICY 2

It shall be the policy of the AMCA that

all invited speakers who participate in the program of the Annual Meetings should be responsible for their own meeting expenses; except that the Board of Directors may authorize a grant to pay part or all of the travel expenses of one "ANNUAL MEMORIAL LECTURER" for each annual meeting, funding to be obtained preferably through a grant or endowment from an outside source.

Mr. Carmichael outlined his thoughts for obtaining sponsors to support special projects, one example being the highly useful Insecticide Summary formerly compiled by CDC and published annually by *Pest Control Magazine*, but now discontinued. He indicated that he had found a potential sponsor that probably would provide \$1000 to fund the development of a format and plan for annually presenting a summary of approved and recommended pesticides for mosquito control, which could be published as an AMCA project by *Pest Control Magazine* and reprints of which could be sold by AMCA. It was the consensus of the Board of Directors that this particular proposal should be followed up by the Committee under the leadership of George Carmichael, and that the committee should also vigorously approach other potential sources of grants to further AMCA objectives. It was also suggested that the Financial Support Committee attempt to secure a sponsor to fund the "annual memorial lecturer's" travel.

President Hunt called for consideration of the proposal offered at the Oct. 17 meeting that AMCA establish an additional appointed office of "Government Representative" to attempt to negotiate more cooperative and acceptable relationships with federal and state regulatory bodies that at times appear to be unduly hampering local mosquito control agencies, and noted that various other titles had been suggested, among these being "AMCA Extension Representative," suggested by Richard Peters, who had indicated that he would be willing to undertake such a task after his retirement from the California Department of

Health, at the end of 1978—but that a budget would have to be established to provide for necessary travel.

Treasurer Murray noted that specifics and funding for such a program remain to be worked out, and President Hunt suggested that instead of burdening the entire Board of Directors with developing the guidelines to define the policies, scope, parameters, and funding of such a function, it appeared to be a task that might well be assigned to the new Executive Committee, which would then be requested to report back with a preliminary draft of guidelines at the October meeting of the Board in New Orleans. There was unanimous agreement to this suggestion, and it was so ordered.

Mr. Carmichael noted that steps had been taken already to insure reasonable added income from annual meetings and from increased dues and subscription fees and from page charges; and then outlined prospective plans, which were well received, for obtaining substantial grants or sponsorship for specific projects such as the Darsie Identification Key, and indicated that one commercial firm had already indicated a sympathetic attitude toward making such a grant.

There was lengthy discussion of the proposal to establish an annual "Memorial Lecture" to honor an outstanding earlier or current member, and at the same time particularly recognizing an outstanding selected worker of world renown by inviting him to present the lecture, and offering to subsidize his travel expenses up to a limit of \$1000, preferably but not necessarily to be obtained by the Financial Support Committee as a grant or gift from a sponsor. On motion by Glenn Stokes, seconded by Fred Lesser, the Awards Committee was given the responsibility of developing the entire format for establishing the Annual Memorial Lecture, with instruction to report back to the Board of Directors at the Interim Board Meeting in October.

The proposal that AMCA establish an "AMCA Foundation Permanent Fund" was discussed in detail, and it was the

consensus that such a fund was highly desirable, and that it should carry the name of the person who first made the proposal for AMCA (Dr. A. W. Lindquist).

On motion by W. D. Murray, seconded by Fred Lesser, the establishment of such a fund was approved unanimously, to be called The A. W. LINDQUIST AMCA PERMANENT FOUNDATION FUND, or similar title, after notifying Dr. Lindquist of the decision, and securing his approval.

President Hunt requested advice on the location to be chosen for the Interim Board Meeting in October. It might be held in connection with any regional meetings. Mr. Stokes moved that the President consider the alternatives and make the decision, notifying the members of the Board as early as practical. (New Orleans, Oct. 23, 1978, was the final solution.)

President Hunt requested opinions on the suggestion that AMCA not definitely accept commitments to meet in specific places earlier than 3 years in advance of the respective meetings, and then only if the hotels were willing to commit facilities and rates. After some discussion, including the suggestion by Dr. Nielsen that mutual benefit would result from meeting in Canada in 1984 if all other conditions were satisfactory, it was decided to table action on this matter for additional study and action at future meetings.

The report of the World Wide Committee was considered, and the proposal contained therein that Jay Graham assemble the various definitions of "integrated control" and "comprehensive control" and attempt to determine which best represented the generally accepted concepts of scientific and practical mosquito control. It was also proposed that a list be compiled of all AMCA members available to provide consultation to world-wide mosquito and vector control associations. (AMCA on a smaller scale has already provided considerable assistance to such organizations in finding qualified individuals for special missions, and was in-

vited to bid on a contract for so doing, but the time limits would not permit doing so in 1978.) These two suggestions were approved on motion by Fred Lesser, seconded by Dr. Nielsen, and unanimously approved.

The recommendations of the Awards Committee (Attachment #21) for selection of awardees were adopted on motion by Gilbert Challet, seconded by R. A. Costello.

The recommendation that a Student Membership be established at 3/4 the regular membership fee was adopted on motion by Gilbert Challet, seconded by Dr. Nielsen, and referred to the Bylaws Committee.

Other classes of membership had been recommended, including Trustees and Commissioners membership, Emeritus Membership, Life Membership, Sustaining Membership, Contributing Membership, Foundation and Fund Membership, Honorary Membership. All of these, and the respective dues structure were referred to the Bylaws Committee for study, to be reported upon at the Interim Board Meeting.

The pros and cons of the proposal that the Board of Directors conduct the election of Regional Directors were discussed, and it was the consensus that the nominations should come from the members in the respective regions, but that in the interest of economy and efficiency the actual balloting might be done by adding the names of the nominees to the regular ballot for AMCA officers when it is sent out by the central office, to current members in good standing, and the counting be done by the current procedure, which is open for observation by any member, and the results then certified back to the region. This proposal was approved on motion by Dan Gorman, seconded by W. D. Murray, and passed unanimously. These matters were referred to the Bylaws Committee to study and recommend the detailed procedure.

The suggestion of the Executive Director that the Awards Committee develop an updated list of all awards ever

presented by AMCA since it was founded originally in 1935 as EAMCW and that "The AMCA Honor Roll" be printed in *Mosquito News* for ready reference, with additions printed periodically in the future, met with general approval, and was referred to the Awards Committee for development and for recommendations to the Board for the precise format and procedure.

The proposal referred to earlier that an Executive Committee be created to function within defined policy on behalf of the Board of Directors on matters that surface between regular meetings and cannot wait; and also to evaluate the pros and cons of matters upon which decision can be delayed until the next regular meeting of the Board at which time recommendations can be heard by the Board. The concept was approved and referred to the Bylaws Committee to define the functions and procedures to be followed, upon motion by Dr. Nielsen, seconded by Dr. Washino, and approved unanimously.

Treasurer Murray explained in detail the items included in the 1978-79 budget, (Attachment #2) which with changes approved at this meeting will amount to a total for expenditures of \$127,545, representing a budget deficit of only \$5,120 which may have to be withdrawn from reserves. He commented further that during the prior 3 years even larger budgeted deficits had been approved, but that by extraordinarily careful management, the budgeted transfers from reserves had been avoided, and that in the upcoming year, it is possible that some budgeted funds may not be spent, and that budgeted items for receipts are considered conservative and may be exceeded, so that once again it may be possible to avoid drawing funds from reserves.

The budget was approved unanimously as presented on motion by Dr. Nielsen, seconded by Glenn Stokes.

Treasurer Murray also noted that the Interim Board Meeting would be held in October, and if any further modifications

of the budget then appeared necessary, particularly relating to the upcoming meeting in Washington in April 1979, the Board could consider them at that time.

Further discussion indicated that encouraging progress was being made on Revised Bulletin No. 1 "The Use of Aircraft in Mosquito Control," and the Color Brochure by Harry Pratt, the front page of which was exhibited and approved,

and it was the consensus that these should be completed if practicable prior to the 1979 meeting.

Dr. Axtell suggested that for the 1979 meeting, the Chairmen of the respective committees be asked to summarize on the first page recommendations upon which the Board should act, with the later pages elucidating the matters referred to.

Meeting was adjourned at 12:20 pm.

## ATTACHMENT NO. 1

### Report Of The Executive Director

The "Directory of Mosquito Control Agencies" produced by Gilbert Challet has been self-supporting and has produced some income for AMCA. One hundred thirty nine copies have been sold, for a net profit of \$835. A good supply remains.

Advertising in *Mosquito News* increased from 71¼ pages in 1976 to 82¾ pages in 1977, a gain of 11½ pages, representing \$2,213.77. In response to a request for help in locating prospective advertisers which was sent to all members of the Board, 3 persons responded giving names. We believe there are other prospective advertisers, and hope that mem-

bers of this Board will continue to provide leads.

The results of the questionnaire relative to increasing the length of the annual meetings from 2½ days to 3½ days was a vote of about 2 to 1 for the longer period, but only 51 responses were received.

The ballot relating to changing the name of "*Mosquito News*, Journal of the American Mosquito Control Association" resulted in a vote of about 2 to 1 against a change.

Respectfully submitted,  
Thomas D. Mulhern,  
Executive Director

## ATTACHMENT NO. 2

## Auditor's Report

*AMERICAN MOSQUITO CONTROL ASSOCIATION*  
*STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS*  
*WITH BUDGET COMPARISONS*  
*DECEMBER 31, 1977*

	<i>Actual</i>	<i>Budgeted</i>	<i>Over (Under)</i>
<b>RECEIPTS</b>			
Dues and Subscriptions	\$ 37,615.83	\$ 34,000.00	\$ 3,615.83
Advertising	10,395.62	9,000.00	1,395.62
Reprint	7,513.55	4,000.00	3,513.55
Back Issues— <i>Mosquito News</i>	2,838.93	1,500.00	1,338.93
NIH Grant	20,042.00	16,000.00	4,042.00
Miscellaneous	435.85	100.00	335.85
Annual Meeting	4,190.00	5,000.00	( 810.00)
Bulletins	1,065.41	2,000.00	( 934.59)
Page Charges	9,545.91	9,000.00	545.91
Dividends and Interest	4,764.18	4,500.00	264.18
Mosquito Systematics	3,763.68	2,500.00	1,263.68
Sales Tax Collected	23.12	—0—	23.12
Miscellaneous Publications	1,389.65	10,500.00	( 9,110.35)
<b>TOTAL RECEIPTS</b>	<b>\$103,583.73</b>	<b>\$ 98,100.00</b>	<b>\$ 5,483.73</b>
<b>DISBURSEMENTS</b>			
<i>Publication Expenses</i>			
Mosquito News Printing and Mailing	\$ 39,023.35	\$ 32,000.00	\$ 7,023.35
Mosquito News Reprints	4,055.98	3,500.00	555.98
Communications	400.00	1,000.00	( 600.00)
Clerical help	1,967.06	2,500.00	( 532.94)
Travel Expenses	1,107.04	1,150.00	( 42.96)
Remuneration	600.00	600.00	—0—
Back Issues	1,309.10	1,200.00	109.10
Bulletins	—0—	4,000.00	( 4,000.00)
Mosquito Systematics	6,334.60	5,000.00	1,334.60
Special Printed Items	564.00	12,074.00	(11,510.00)
	<b>\$ 55,361.13</b>	<b>\$ 63,024.00</b>	<b>\$( 7,662.87)</b>
<i>Executive Office Expenses</i>			
Postage and Telephone	\$ 3,108.45	\$ 3,000.00	\$ 108.45
Forms and Printing	1,602.50	1,600.00	2.50
Office Expenses	946.18	1,800.00	( 853.82)
Travel and Miscellaneous	3,424.41	4,000.00	( 575.59)
Clerical	12,912.56	12,000.00	912.56
Remuneration—Executive Director	3,000.00	3,000.00	—0—
Bond	150.00	150.00	—0—
Capital	—0—	900.00	( 900.00)
	<b>\$ 25,144.10</b>	<b>\$ 26,450.00</b>	<b>\$( 1,305.90)</b>
<i>Treasurer's Office Expenses</i>			
Clerical and Supplies	\$ 129.63	\$ 150.00	\$( 20.37)
Audit	485.00	500.00	( 15.00)
Travel	350.00	350.00	—0—
Bond	—0—	150.00	( 150.00)
	<b>\$ 964.63</b>	<b>\$ 1,150.00</b>	<b>\$( 185.37)</b>

<i>Advertising Office Expenses</i>			
Clerical	\$ 130.43	\$ 300.00	\$( 169.57)
<i>General Expenses</i>			
Membership Committee	\$ 873.75	\$ 1,000.00	\$( 126.25)
Bibliography—NIH Grant	16,461.01	16,000.00	461.01
President's Office	255.00	1,000.00	( 745.00)
Regional Expenses	82.32	300.00	( 217.68)
Miscellaneous	604.94	750.00	( 145.06)
Taxes—Payroll	948.06	600.00	348.06
Sales Tax	39.90	50.00	( 10.10)
1979 Conference Advance	1,015.03	1,000.00	15.03
	<u>\$ 20,280.01</u>	<u>\$ 20,700.00</u>	<u>( 419.99)</u>
<b>TOTAL DISBURSEMENTS</b>	<b>\$101,880.30</b>	<b>\$111,624.00</b>	<b>\$( 9,743.70)</b>
<b>FUND BALANCE—January 1, 1977</b>	<b>\$ 81,053.13</b>		
Excess of Receipts over Disbursements	1,703.73		
Return of Principal—Government National Mortgage Association <sup>1</sup>	( 2,082.10)		
<b>FUND BALANCE—December 31, 1977</b>	<b><u>\$ 80,674.76</u></b>		

Note 1—During the year it was determined a portion of monies received from GNMA is a return of principal. The amount of \$2,082.10 represents the principal received for the period January 9, 1974 to December 31, 1976.

### ATTACHMENT NO. 3

#### Program Committee Report

One hundred five papers are scheduled for presentation. On the first day, twenty-four presentations will be given in plenary session, including ten invitational speakers. This year's program features 20-minute invitational papers and 15-minute submitted papers. A photo salon

is scheduled for this year, but it will not be large. It is hoped a full fledged photo salon will be established for the 1979 Conference in Washington, D.C.

Respectfully submitted,  
Glenn M. Stokes, Chairman

### ATTACHMENT NO. 4

#### Report Of The News Letter Committee

With the distribution of the March 1978 number, 12 issues containing well over 100 separate items will have been published, the result of a heavy time commitment and conscientious effort on the part of the Executive Director and his staff. The slightly larger type and colored

cover stripe, introduced with the January 1978 issue, further enhance the News Letter.

Respectfully submitted,  
Don W. Micks, Chairman



## ATTACHMENT NO. 5

Report Of The Editorial Board of  
*Mosquito Systematics*

The Editorial Board of *Mosquito Systematics*, in collaboration with President Lew Nielsen and Editor Ken Knight, dealt with three principal matters during the year:

- (1) Increase in subscription price from \$7 to \$10 per year. This increase although regrettable was inevitable because of increased costs. This increase went into effect with the December 1977 billing.
- (2) Page Charges. Up until now there have been no page charges for *Mosquito Systematics*. In the face of rising costs the Editorial Board recommended that a charge of \$12 per page be made for each page over 20, beginning with the June 1978 issue.

- (3) Size of issue and payment for rapid publication. At the discretion of the Editor, each number will be restricted to about 150 pages, with articles to be published in the order, by date, in which they have been accepted. Publication of any article can be guaranteed to appear in the next number by payment of page charges of \$12 per page for the entire article.

The Editorial Board wishes to commend Editor Knight for continuing to maintain the high standard of excellence of *Mosquito Systematics*.

Respectfully submitted,  
James Kitzmiller,  
Chairman

## ATTACHMENT NO. 6

Report of Editor of *Mosquito Systematics*

Four numbers with a total of 548 pages were published in 1977 (Volume 9). Twenty-five articles representing 19 different authors involved. Approximately 292 subscriptions were in existence sometime within the year. All financial matters are handled through the Executive Director's office. I wish to

commend both Tommy and Linda Shields for their efficiency and helpful cooperation in making this effort go.

Respectfully submitted,  
Kenneth L. Knight, Editor

## ATTACHMENT NO. 7

Report Of The Editor Of *Mosquito News*

There was a spectacular increase in the number of articles and the number of pages printed in 1977. There was a corresponding increase in printing and mailing charges. It is not easy to predict the number of papers which will be submitted, nor the time required to get each acceptable paper in print. If acceptable papers cannot be published within less than 9 months, knowledge of long delays will be disseminated and authors will not submit their best papers to us. The large

numbers in 1977 were accepted by the Editor in order to prevent publication delays and to encourage continuing submission of high quality papers.

The loss of Dr. M. W. Provost was a severe blow to *Mosquito News*. As Chairman of the Editorial Board he was extremely active and his advice was frequently sought.

Respectfully submitted,  
William E. Bickley, Editor

## ATTACHMENT NO. 8

## Report Of The Publications Committee

The Committee urged that further sources of funding be investigated to support the preparation of Bulletin #7, "Identification and Geographic Distribution of the Mosquitoes of North America, North of Mexico." This will be an illustrated key to the identification of adult females and fourth instar larvae of all 165 mosquito species and subspecies known

for this area. Also, the geographic distribution of each will be depicted on maps.

The Committee also recommends that a revision be prepared of Bulletin #2, "Ground Equipment and Insecticides for Mosquito Control." This bulletin is now 10 years old and should be updated.

Respectfully submitted,  
Gary Mount, Chairman

## ATTACHMENT NO. 9

## Report On Bulletin #6, Biocontrol of Mosquitoes

It is hoped there will be a reasonably complete draft of this bulletin available at the 1979 AMCA Meeting in Washington, D.C. A proposed table of contents includes:

(See attached)  
Respectfully submitted,  
Harold C. Chapman,  
Chairman

## ATTACHMENT NO. 9

Preface or Foreword (This could include statements on source reduction, IGR's, etc.)

- Chapter I —Introduction  
 Chapter II —Synopsis on Ecology  
 Chapter III —*Gambusia*  
 Chapter IV —Other Fish  
 Chapter V —Predators  
 (a) Insect  
 (b) *Toxorhynchites*  
 (c) Misc. including Planaria and *Hydra*
- Chapter VI —Microbial Agents  
 (a) Protozoa  
 (1) Microsporidia  
 (2) *Tetrahymena*,  
*Lambornella*  
 (3) *Lankesteria*  
 (4) Helicosporidia  
 (b) Viruses  
 (c) Fungi  
 (1) *Coelomomyces*  
 (2) *Lagenidium*  
 (3) *Metarhizium* etc.

- (d) Bacteria  
 (1) *Bacillus sphaericus*  
 (2) *B. thuringiensis* and others
- Chapter VII —Parasites  
 (a) Nematodes
- Chapter VIII —Genetic Control  
 (a) Sterile Male, both Radiation and Chemosterilants  
 (b) Chromosomal Aberrations  
 (c) Incompatibility
- Chapter IX —Populations  
 Dynamics, Modeling and IPM  
 (a) Population Dynamics  
 (b) Modeling and IPM
- Chapter X —Status and Potential of Bio-Control to include  
 (a) In Vitro production possibilities  
 (b) Commercialization Possibilities

## ATTACHMENT NO. 10

Report On Bulletin No. 8 Index To  
*Mosquito News*

The Committee decided that the preferred procedure would be to start with the first volume and index in 10-year increments. An author index including full titles for senior authors but referrals only for junior authors is suggested. The species index section can include other references such as taxonomic, genetic, biological, etc. Many complications occur rela-

tive to cross-filing, and it is hoped that the committee will do the best job possible with the most economical expenditure of resources. There is a need to simplify without compromising quality.

Respectfully submitted,  
 Henry R. Rupp, Chairman

## ATTACHMENT NO. 11

Report Of The Financial Support  
Committee

The charge to the Financial Support Committee was to 1) study the present financial structure of the AMCA and make recommendations for strengthening it, and 2) find sources of funds to finance special projects.

In October of 1977, the Committee made the following suggestions for strengthening the financial structure.

1. Membership dues be increased. Perhaps membership dues be separate from subscription fees.

2. The kinds of memberships be studied and changed to provide more income. Encourage donations by members.

3. Subscription rates for *Mosquito News* and *Mosquito Systematics* be increased.

4. Page charges for *Mosquito News* be increased, but not exceed actual costs.

5. Seek additional advertising in *Mosquito News* and increase the rate for advertising.

6. Solicit donations from philanthropic individuals and organizations.

A number of these suggestions have been implemented or are being considered.

An additional suggestion we would like to make is that the publishing of *Mosquito News* be put out on bid to see if costs can be cut.

Three special projects were in need of funding this year: 1) a cartoon booklet "Skeeter Mosquito" by Kathy Moore, 2) a color brochure "Mosquito Control in the United States" by Dr. Harry Pratt, and 3) a bulletin "Identification and Geographical Distribution of the Mosquitoes of North America, North of Mexico" by Drs. Richard Darsie and Ronald Ward.

The Zoecon Corporation, manufacturers of Altosid has provided a \$1500 grant for the cartoon booklet by Kathy Moore.

The Chevron Chemical Company, manufacturers of Dibrom has provided a \$5000 grant for the color brochure by Dr. Harry Pratt.

Ten state and regional mosquito control associations have pledged \$5750 in support of the bulletin by Drs. Darsie and Ward. However, a grant proposal is being prepared. It is hoped that a grant can be obtained to finance this bulletin so it will not be necessary to collect on the pledges. In the meantime the preparation of the bulletin could go forward.

After a year of work and thought and discussions the Committee would like to express the following opinions.

1. Federal grants probably are not a realistic source of money for an organization such as the AMCA.

2. Foundation grants are also very limited but ought to be pursued.

3. Philanthropic contributions might not be a realistic source of funds but ought to be pursued.

4. The bulk of the financial support is going to have to come from 1) the members (dues, subscriptions, donations, purchases, etc.) 2) chemical and equipment companies (they gain the most financially and ought to provide strong financial support), 3) the sales of bulletins, books, brochures, etc. Establishment of an endowment fund would also be of benefit to the AMCA.

Respectfully submitted,  
Steele R. Lunt, Chairman

## ATTACHMENT NO. 12

Report Of The Operational Articles  
Committee

Some operational people indicated a problem in preparing an article for publication. Henry Rupp offered his service as a "ghost writer" if requested through the Editor's office. The committee recommends the following:

1. Solicit operational articles in *Mosquito News* and in all AMCA News Letters.
2. Work with Regional Directors and State Assn. Presidents.
3. More correspondence with AMCA officers and the editor of *Mosquito News*.
4. It is recommended that a new committee be created and be called the Oper-

ational Articles Sifting Committee. The duties would be to review operational articles that need extra help and information, and work directly with the Operational Articles Committee and Editor's office.

This committee should be headed by an individual with special talents for writing articles and with a good background in the operational field. For example: Mr. Henry Rupp or Mr. Jay Graham both have these qualifications.

Respectfully submitted,  
Lewis E. Fronk, Chairman

## ATTACHMENT NO. 13

## Report Of The Membership Committee

Recommendations for future Membership Committee activities were presented:

1. In view of steadily increasing costs for postage, printing and related materials and services, even greater emphasis should be placed upon regular, aggressive, personal solicitation for new memberships by committee members and others commissioned by them to do the same. A well delivered public appeal promoting the merits of membership, or the same efforts applied on a friendly, yet serious individual basis offer superb potential for recruitment. This is especially true when those public encounters are followed up with the liberal circulation of membership and subscription applications, and a tactful post-meeting word of encouragement and follow-up with all especially promising candidates. Individual time and effort are the *only* real costs inherent to this mode of membership recruitment, yet the potential thereof, for regular, substantial increase in membership is extremely great.
2. It is recommended again, for 1978, that all acting members of the AMCA

Membership Committee formally appoint one or more select persons, in addition to themselves, to independently solicit new memberships at random, wherever and whenever applicable throughout the region so assigned. Those individuals would be assigned no administrative or clerical work, with the exception of the on-site distribution of membership and subscription forms. Their function would be based strictly upon personal and group promotional contact. A brief annual report to the respective, overseeing regional directors as to the number of contacts and successful recruitments so made should be submitted. Prior to their appointment all persons selected for that duty should offer a very firm commitment to the Regional Directors and Committee Chairman as to their desire to aggressively, effectively, enthusiastically function in that capacity. This suggestion should add further scope to, and insure to a greater degree more complete access to all possible candidates for AMCA membership.

3. The current policy of Regional Di-

rectors serving collectively as the AMCA Membership Committee is recommended for the future.

4. Current membership/subscription forms should be requested by, and supplied to AMCA officers and Regional Directors for their regular use in promoting membership.

5. The established mode of recruiting non-AMCA members attending national, regional and local mosquito and vector/pest control meetings and like solicitation of contributors to *Mosquito News* and exhibitors at meetings should be continued. Each exhibitor should be personally contacted, on location, at all pertinent meetings.

6. Current membership cancellation lists for each region should be supplied to Regional Directors and Committee Chairman to facilitate the contact of those ex-members for new recruitment efforts.

7. Aggressive membership recruitment should without fail be a regular, serious topic at all national, regional and local mosquito and vector control meetings. Whenever possible, attractive displays (and booth, constantly attended by an AMCA representative) and membership forms should be provided, with their use and distribution supervised by an AMCA representative assigned to function in that capacity.

8. An AMCA representative should work closely with regional academic institutions, public health related institutions and agencies, and, via all practical media and modes of communication

make every effort to recruit new memberships from those valuable sources.

9. Whenever possible, mosquito abatement and vector control directors and their respective boards of commissioners/trustees should be personally contacted. Their individual membership should be encouraged, and each should be specifically reminded of his exceptional opportunity to recruit additional members through his many regular contacts with individuals and groups in the field of vector control, public health, etc.

10. The current general policy of direct mail solicitation of new members from sources regularly contacted should continue, but, as recommended by Executive Director Thomas D. Mulhern, for reasons of budgetary restrictions, messages recruiting membership might be published in the bulletins or other selected periodicals of major associations such as the Entomological Society of America in preference to costly individual solicitation via the mails.

11. New membership recruitment should be continued, vigorously, immediately after the Chicago meetings.

12. *ALL AMCA Members Should Take An Active Interest In, And Regularly Promote Membership And Participation In Our Fine Organization.*

Respectfully submitted,  
Steven V. Romney,  
Chairman

#### ATTACHMENT NO. 14

#### Report Of The Public Relations Committee

The brochure, "Modern Mosquito Control in the United States," by Dr. Harry D. Pratt, has been completed and the final copy forwarded to Thomas D. Mulhern, Executive Director, AMCA. The Committee commends Dr. Pratt for

this excellent contribution to the AMCA. The Committee also extends its gratitude to Thomas D. Mulhern for his support of this project and to Chevron Chemical Company for financial support toward production.

Mr. Robert M. Shelton has prepared a script for the 35-mm slide series, "Mosquito Control in Texas and Louisiana." The presentation lacks a few slides. This series is a pilot project, and if the Board concurs, similar series will be prepared by members in other regions of the country.

Dr. Jimmy K. Olson has volunteered to assemble a bibliography of audio-visual material on mosquitoes and mosquito control. Dr. Olson is currently gathering materials, but is not yet in a position to establish a time schedule for completion of this project.

Mr. Brad B. Anderson has assembled a series of 500-word articles dealing with successful public relations activities. It is

the intent of the Committee to provide one such article in each issue of the AMCA News Letter. Mr. Anderson will require input from AMCA members for additional articles in the future.

Projects that have been suggested to the Committee by Executive Director Mulhern, include: (1) How the AMCA might have a favorable impact on the media concerning the annual meeting; (2) location of suitable cartoon-type material depicting modern mosquito control; and (3) development of alternate slogans that might be used by the Association.

Respectfully submitted,  
John E. Lloyd, Chairman

#### ATTACHMENT NO. 15

##### Report Of The Information Coordination Committee

The responsibilities assigned to the committee were: 1. to gather more information regarding constraints upon vector control agencies due to the actions of regulatory agencies, and 2. to condense last year's report in a few pages, print the condensation, and make it available to the Board of Directors for possible distribution.

Committee members were asked to canvass vector control agencies in their areas for information relative to constraints, and we also made an appeal for information in the News Letter. No additional information was received.

We have summarized last year's report and have added some arguments. We request that the summary be distributed to members of the Congress of the United States and other decision-makers. The summary has been limited to just a few pages to enhance the prospect of its being read. If, in addition to the condensed copy to congressmen and government officials, we supply the Library of Congress with a copy of the full report, we can

make reference to that as evidence in support of claims made in the condensed report.

The committee has been advised that the American Mosquito Control Assoc., Inc., as a non-profit organization, shall not engage in attempts to influence legislation. To be as effective as possible within such legal limitations, we propose that the condensed report be submitted as an informational brochure that can apprise officials of the harmful effects upon vector control agencies of laws as they have been written and administered.

We request that the condensed report be distributed to members of the Congress of the United States and to the person in charge of each of the regulatory agencies, and that a copy of the full report, assembled and printed by last year's committee, be furnished the Library of Congress.

Respectfully submitted,  
Marvin C. Kramer,  
Chairman

## ATTACHMENT NO. 16

Report of the AMCA-MAMCA Meeting  
1979

We are happy to report that planning and preparations for the 1979 meeting of the American Mosquito Control Association and the Mid-Atlantic Mosquito Control Association are progressing satisfactorily. Expectations are high that those attending this meeting will consider it one of the best in AMCA history. The decision of MAMCA to join AMCA in the 1979 meeting provides a broad base of support which will greatly assist the Washington area workers and should enlarge attendance. Preparations to date are summarized as follows:

Location—The Capital-Hilton Hotel, 16th & K Sts., N.W., Washington, D.C.  
Date—April 8–12, 1979.

Finances—\$1,000 was advanced from AMCA and deposited in a checking account at the Suburban Trust Co., College Park, Maryland.

Committees—Committee Chairmen were selected in 1977 and met at the Capital Hilton Hotel on December 6 to plan the meeting.

Publicity—The Publicity Committee has been very active. Spot announcements of the meeting have been prepared for *Mosquito News*. We will have a booth at the Chicago Meeting and distribute handouts. Plans for the meeting have been announced at various regional meetings and advertisements distributed.

Planning Sessions—Meetings have been held with officers of AMCA and MAMCA on a number of occasions and a number of participants in the 1979 meeting have inspected the excellent meeting facilities in the Capital-Hilton Hotel. These include Paul Hunt, Tommy Mulhern and Rowland Dorer. The support and cooperation provided by the officers of AMCA and MAMCA, and the various committee members is gratefully acknowledged.

Respectfully submitted,  
Robert M. Altman,  
Chairman

## ATTACHMENT NO. 17

## AMCA Policy Statement

The American Mosquito Control Association advocates integrated programs to manage objectionable populations of mosquitoes in a manner designed to benefit, or to have minimal adverse effects on people, wildlife, and the environment. This policy is based on the recognition that mosquito populations often must be suppressed to tolerable levels for the well-being of the human, domestic animal and wildlife populations, and that selection of scientifically sound suppression methods must be based on consideration of what is ecologically and economically in the long-term best interest of

mankind. The following principles are advocated:

1. Mosquito control measures will be undertaken only when there is adequate justification based upon surveillance data to define the problem.

2. Integrated mosquito management programs will be tailored to the needs and requirements of the local situation. The mixture of methods for mosquito control will be chosen after careful consideration of the efficacy, ecological effects and costs versus benefits of the various options including public education, legal action, natural and biological control, elimina-



tion of breeding sources and insecticide applications.

3. Elimination of mosquito breeding sources will be undertaken to correct problems created by human activity and in other areas in such a manner as to cause the least amount of long-term impact on the natural environment.

4. Insecticides and application methods will be used in the most efficient and least hazardous manner in accordance with all federal and state laws and regulations and the latest available scientific data. The registered label requirements on insecticides will be strictly followed. When choices are available among effective insecticides, the ones with the least risk of non-target effects will be used. Insecticides will be chosen and used in a man-

ner designed to reduce the risk of resistance development in the mosquito populations.

5. Personnel involved in mosquito management programs will be properly trained, supervised, and certified in accordance with relevant laws and regulations, and will be provided continuing education and training programs to be current with improvements in management techniques.

Respectfully submitted,  
Richard C. Axtell,  
Chairman of  
Subcommittee of  
Finance & Policy  
Committee

## ATTACHMENT NO. 18

### Report Of The Finance And Policy Committee

#### A.M.C.A. COMMITTEE RESPONSIBILITIES-POLICY STATEMENT PROPOSAL

#### I. AWARD COMMITTEE

A. Nominates and selects individuals for honorary awards by the A.M.C.A. Such awards include: "Meritorious Service Award" and "Medal of Honor Award."

Criteria for selection of nominees include:

1. "Medal of Honor." This award is the very highest award next to the award given to our Immediate Past Presidents. The only criterion for this award is A.M.C.A. membership. These nominees should be judged for their exceptional contributions of whatever type to mosquito control and this general field which are judged by their peers to be truly outstanding.

2. "Meritorious Service Award." This award is given to successful nominees for outstanding service to A.M.C.A. In

this type of award, their contributions to A.M.C.A. must be considered outstanding as judged by their peers. Criteria include:

a. Only A.M.C.A. members in good standing are eligible for the "Meritorious Service Award."

b. Former Presidents of the A.M.C.A. are not eligible for the "Meritorious Service Award."

Note: (Past Presidents are eligible for the "Medal of Honor Award.")

3. The number of awards in each category should be flexible within a fixed range:

a. "Medal of Honor" type award—maximum of two (2) per year.

b. "Meritorious Service Award" type—maximum of ten (10) per year.

B. Submits budget request for the next

fiscal year when requested by the Chairman, Finance and Policy Committee.

C. Chairman prepares and submits a written report of Committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

D. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

## II. BYLAWS COMMITTEE

Refer to A.M.C.A. Bylaws Article XI. *Mosquito News* 1971 Vol. 31(3):454

A. Proposals to amend the bylaws submitted to the Executive Secretary or to the Committee Chairman, and received at least four (4) months prior to the date of the annual meeting, must be considered by the Committee members.

B. A report and recommendation of the Bylaws Committee regarding each proposed amendment to the bylaws shall be sent to the members of the Board of Directors at least sixty (60) days prior to the annual meeting.

C. Chairman prepares and submits a written report of the committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

D. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

## III. FINANCE AND POLICY COMMITTEE

### A. Finance Responsibility

1. Assist A.M.C.A. Treasurer in preparation of tentative budget for the coming year.

a. Obtain estimates of financial needs from each A.M.C.A. commit-

tee chairman and forward these to Treasurer during October.

b. Review budget proposals prepared by Treasurer.

c. Submit written budget recommendation in annual report to the A.M.C.A. Board of Directors not later than January 1.

2. Estimate financial needs for committee operation during the next fiscal year and submit to A.M.C.A. Treasurer as part of Item A(1) above.

### B. Policy Responsibility

1. Act upon topics regarding policy suggested by A.M.C.A. officers and membership.

2. Submit written report on recommendations regarding A.M.C.A. policy to the Board of Directors not later than January 1.

### C. Annual Report

1. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the Committee considered in developing its recommendations.

## IV. LEGISLATIVE COMMITTEE

A. To develop federal mosquito control legislation, approved by the Board of Directors of the A.M.C.A. and to work toward introduction and passage in the Congress of the United States.

B. To review federal legislative bills having a bearing upon mosquito control research and operations and to keep the members of the Association informed of such bills pending in Congress and their effects on mosquito control.

C. Chairman prepares and submits a written report of committee activities to each member of the Board of Directors (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

D. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

### V. MEMBERSHIP COMMITTEE

A. Retain all existing A.M.C.A. members and *Mosquito News* subscribers.

B. Recruit as many new members for A.M.C.A. and *Mosquito News* subscribers as possible.

C. Designate plans for improving membership recruitment efforts for next year.

D. Spread the word about the values and benefits of A.M.C.A. membership and *Mosquito News* as frequently and as widely as possible.

E. Each Regional Director should be encouraged to arrange displays of booths advertising A.M.C.A. at all State Mosquito Association annual meetings or National meetings within his Region.

F. Chairman prepares and submits a written report of committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequences.

G. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

### VI. NOMINATING COMMITTEE

Refer to A.M.C.A. Bylaws Article VII. *Mosquito News* 1973 Vol. 33(3):472

A. The Nominating Committee shall submit to the Executive Director four (4) months prior to the next annual meeting its nomination or nominations, if not unanimous, for each office to be filled in the ensuing year, except for the office of Regional Director.

B. The nominees should be members that have demonstrated long-term interest and support of A.M.C.A. activities. Preferably, each should have some insight in the Association's programs and policies that has been gained through attendance at Board meetings, by serving on A.M.C.A. committees, or by serving as Regional Director.

C. Where nominations are not unani-

mous, the names of the two nominees receiving the most votes by the Nominating Committee will be placed on the ballot for mailing to the general membership.

D. All nominations, including write-in candidates, shall carry the consent of the nominee and assurance that he will serve, if elected.

E. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

### VII. OPERATIONS COMMITTEE

A. Encourage mosquito control personnel to write and submit articles regarding operational matters to *Mosquito News*.

B. Chairman to assign each committee member a list of mosquito control agencies to contact during October of each year to encourage reporting of the most important operational development of the past mosquito control season.

C. Chairman prepares and submits a written report of committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

D. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

### VIII. PUBLIC RELATIONS COMMITTEE

A. Work to preserve and enhance the image of organized mosquito control activities that benefit the health and welfare of people and their domestic animals.

B. Chairman prepares and submits a written report of committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

C. Chairman presents to the Board of Directors at the annual meeting a brief

resume of the problems or items that the committee considered in developing its recommendations.

#### IX. PUBLICATIONS COMMITTEE

Refer to A.M.C.A. Bylaws Article IX, Section 2. *Mosquito News* 1971. Vol. 31(3):454.

A. Article IX, Section 2. " . . . . . shall have general responsibilities for the establishment of policies concerning all publications of the Association."

Note—The current Bylaws apparently lead to a broad overlap between areas of responsibility of this Committee and the Editorial Board.

#### X. RESOLUTIONS COMMITTEE

A. The Committee members solicit subjects to be presented as resolutions at the annual meeting and mail these by October 1 to the chairman.

B. Chairman compiles the suggested resolutions and by November 1, mails a copy to each committeeman for review and comment.

C. Chairman compiles a revised list of tentative resolutions for the next annual meeting and mails it to the Board of Directors and Executive Director by January 15, or at least 2 months prior to the annual meeting.

D. At the annual meeting the chairman accepts resolution suggestions until 24 hours prior to the time of the final business meeting, and a majority of the committee members present decide which resolutions suggested during the meeting should be added for presentation at the final business meeting.

E. Chairman presents the resolutions at the final business meeting.

F. Chairman reports, in writing, the results of the business meeting actions on resolutions submitted from the floor to

the Executive Director within 10 days following the annual business meeting.

#### XI. WORLDWIDE COMMITTEE

A. Explore ways in which the A.M.C.A. may contribute to making available throughout the world any needed knowledge regarding mosquitoes and mosquito control technology.

B. Apprise A.M.C.A. members regarding noteworthy trends in overseas mosquito research and mosquito control activities.

C. Undertake compilation and subsequent updating of lists (directories) of operational and research personnel, country by country, directly or tangentially associated with mosquito research or control activities.

D. Identify worthy overseas institutions or individuals needing the type of information provided by *Mosquito News* and seek subscription sponsorship for those otherwise unable to enjoy the benefits of this research and/or operational information source.

E. Encourage provision of assistance in overcoming linguistic or geographic barriers in exchange or source-location of information or material for mosquito research or control activities.

F. Chairman prepares and submits a written report of committee activities to each member of the Board of Directors thirty (30) days prior to the annual meeting. Include committee recommendations at the end of the report in numbered sequence.

G. Chairman presents to the Board of Directors at the annual meeting a brief resume of the problems or items that the committee considered in developing its recommendations.

Respectfully submitted,  
Thomas O. Fultz, Chairman

## ATTACHMENT NO. 19

## Report Of The Bylaws Committee

Proposed change in the selection procedure for Regional Director, to replace Section 26 of AMCA Bylaws (*Mosq. News* 35:238):

A nominating committee shall consist of the AMCA President, the Immediate Past President, the Vice President, the President-Elect, the Executive Director, and an appointee designated by the concerned Regional Director. This nominating committee shall then select the five most outstanding eligible (that is, members of AMCA who have not served two terms already) mosquito control workers from a region. All regional, state and local mosquito control associations will be consulted for nominees.

The nominating committee shall then screen each of these five candidates who should meet certain minimum standards, such as active participation in AMCA, actively engaged in mosquito control, research, and/or operational work, and active participation in local or regional association, in good health and willing to work as a regional director. Each of these five candidates shall then be asked to submit their credentials to the AMCA nominating committee for review.

The nominating committee shall select three of these candidates as nominees, and submit their names to the AMCA membership within that region for voting.

The ballots shall be handled by the

Executive Director's office; he will verify AMCA members in good standing within the particular region and mail ballots directly to them.

The ballots shall then be returned directly to the Executive Director for counting. The ballot mailout shall contain the names of the three nominees plus their credentials plus a write-in space.

The nominee receiving the greatest number of votes shall be elected, and in case of a tie there shall be a runoff. In the event the office of Regional Director is vacated it shall be filled for the unexpired term by appointment of the Board of Directors.

Proposed change in setting of dues, Article III, Section I, the 2nd and 3rd paragraph should be changed as follows:

Members shall pay annual dues as set by the Board of Directors; shall receive *Mosquito News* and shall be entitled to hold office, serve as members of standing committees, serve as delegates to conferences, and to propose motions and participate in discussions.

Life Member—Any member may become a life member of the Association upon payment in lump sum to the Executive Director a sum set by the Board of Directors, and thereafter shall be exempt from further payment of dues.

Respectfully submitted,  
Robert K. Washino, Chairman

## ATTACHMENT NO. 20

## Report Of The World-Wide Committee

There is no doubt that vector borne diseases are a serious health problem worldwide and there is widespread agreement that good vector control practices are useful for reducing the number of cases of vector borne disease. Committee members feel that an effective vector

control technology is available but too frequently the technology is not properly applied. Obviously there are many factors involved in this and the American Mosquito Control Association can not address itself to all of them.

There are some areas however where

the association can be helpful and in fact already is. As of May 11, 1977 there were 2405 members of A.M.C.A. or subscribers to *Mosquito News*. Of these 576 were from countries other than the United States. This is a good indication that *Mosquito News* is helping to spread information about vector control practices.

The committee feels strongly that the American Mosquito Control Association should do all it can to promote contacts and exchange of information between workers around the world to develop further vector control technology and aid in its application in the field. To that end the following recommendations are made.

1. Clarify the meaning of "integrated control and comprehensive or systems approach or vector and disease management in vector control programmes" as against similar terms used in agriculture. In the latter, the human element and its health being absent, the system is based almost entirely on its economic impacts and perhaps to a very small degree on its environmental implications. This distinction is necessary despite the many common principles and areas that the two systems share. It will help the vector control workers to better understand the application of this system to their programmes making use of the experience in the field of agriculture as appropriate.

2. Revise and bring up to date Bulletin No. 2.

3. Compile a list of members who wish to serve as consultants for organizations such as WHO and AID and have a cur-

riculum vitae on file for each. The selection of consultants should be the responsibility of the employing agency and not A.M.C.A. but A.M.C.A. can help the process.

4. The A.M.C.A. should encourage vector control workers in malaria or other vector control projects in all parts of the world to write articles for issue in *Mosquito News*. It should become one of the duties of the World Wide Committee to promote such articles in every way possible.

5. The A.M.C.A. Awards Committee should give awards to workers in vector control in various parts of the world. There are many people working under adverse conditions and doing very good work who deserve recognition.

6. The A.M.C.A. Newsletter should contain if possible a listing of international meetings related to vector control and members encouraged to attend.

7. The cost of *Mosquito News* is minimal to U.S. workers and many other countries but there are still areas where currency restrictions or low wages for professional workers make the purchase of *Mosquito News* prohibitive. The association should continue to search for ways to finance the distribution of *Mosquito News* to these areas.

8. Extra proceedings of state and regional meetings should be collected by A.M.C.A. and made available free of charge to areas where currency restrictions or low wages make purchase too expensive.

Respectfully submitted,  
Jay Graham, Chairman

## ATTACHMENT NO. 21

### Report Of The Awards Committee

The number of individuals nominated for the Medal of Honor and the Distinguished Service Award were relatively small in number but of high caliber. It was apparent from the nominations re-

ceived that considerable confusion still existed regarding the two awards. To attempt further clarification of this matter the following guidelines have been prepared for consideration by the Board of

Directors. It is the recommendation of the Awards Committee that these or similar guidelines be adopted to assist future committee members. If such guidelines are adopted, names submitted will only be considered for the award for which they were proposed.

#### *Medal of Honor*

1. Individuals having made outstanding and sustained contributions dealing with mosquitoes and all aspects of their biology, control, and importance as vectors of infectious diseases and as noxious pests.

2. Individuals considered for this award may be honored for their teaching accomplishments, research, and outstanding and innovative accomplishments in administration and application of mosquito control technology.

3. Individuals considered for the Medal of Honor need not be members of the AMCA.

#### *Distinguished Service Award*

1. Individuals are to be selected for outstanding or sustained contribution and service to the AMCA, state, or regional mosquito-vector control associations.

2. Recipients of the Distinguished Service Award shall be members of the AMCA.

The following general recommendations are also made by the Awards Committee:

1. That regional directors become more active in eliciting nominees for awards from each of the regions. This should assist in making sure that worthy individuals from all regions are considered.

2. That the procedure for selection of award recipients from nominees by the Awards Committee be clearly spelled out. It is suggested that all individuals honored with either award must be supported by a majority (3 members) of the Awards Committee. Since previous guidelines adopted limit the number of annual awards to 2 for the Medal of Honor and 5 for the Distinguished Service Award, it will usually be necessary to select recipients on the basis of majority support from the committee. It is suggested that a ranking procedure be used by committee members when voting, and that the individuals receiving support from a majority of the committee and with the highest cumulative ranking totals be selected.

3. That a permanent record be made of all past award recipients. It would be desirable to make a wooden plaque to which small brass plates with names of past awardees could be affixed. This could be displayed at each annual meeting and would provide not only a permanent but visible record of award recipients.

Respectfully submitted,  
Bruce Francy, Chairman

## ATTACHMENT NO. 22

### Memorial Lecture

Proposals for AMCA Memorial Lecture:

1. That we establish an annual AMCA Memorial Lecture to begin at the 1979 meetings in Washington, D.C.

2. That an outstanding speaker be selected, whose expenses to attend the meeting are paid. I think there is a very good possibility that we could find a sponsor who would be willing to support this

on an annual basis. This should be a charge to the Financial Support Committee.

In the event we cannot find a sponsor I would like to see AMCA funds budgeted to support this lecture.

3. That a special committee be appointed to select the speaker and the person to be honored. I would like to suggest

that the chairman of this committee, each year, be the AMCA Vice President (Program Chairman) and that members of the committee be the past recipients of the Medal of Honor Award and Honorary Members of our association.

4. That the program of each annual meeting have the pictures of the invited speaker and the honored member with a

brief review under the picture of their accomplishments.

5. That *Mosquito News* also publish this information along with the paper of the honored lecturer.

Respectfully submitted,  
Lewis T. Nielsen,  
President AMCA

#### ATTACHMENT NO. 23

##### Permanent Foundation Fund

###### Resolution

WHEREAS it now appears to be desirable that an AMCA foundation, permanent fund, endowment or other special account be established to receive gifts, grants, bequests, endowments, etc., that will be tax-free to the donors as permitted under the AMCA Articles of Incorporation, and

WHEREAS the Board of Directors recommends that this be done,

NOW THEREFORE BE IT RESOLVED that the American Mosquito

Control Association in Annual Meeting assembled, on April 19, 1978, does hereby authorize and direct the Board of Directors to immediately establish such a fund, foundation, or endowment, with guidelines and rules for its functioning and uses; and that gifts, grants, and bequests to it be solicited.

Respectfully submitted,  
Thomas D. Mulhern,  
Executive Director

#### ATTACHMENT NO. 24

##### Report Of The Resolutions Committee

###### RESOLUTION NO. 1

WHEREAS, the 34th Annual Meeting of the American Mosquito Control Association is being held April 17 through 20, 1978, in Chicago, Illinois as guests of the Illinois Mosquito Control Association, now therefore

BE IT RESOLVED that the American Mosquito Control Association members express their appreciation to the officers and committees of the host association for their excellent hospitality and efforts in implementing this program.

###### RESOLUTION NO. 2

WHEREAS, these meetings have been profitable and enjoyable in all aspects,

BE IT RESOLVED that we convey our sincere appreciation to the officers and committees of both organizations for their contributions in the planning and

conduct of these successful sessions, and

BE IT FURTHER RESOLVED that all members of the meeting arrangements committees be given particular thanks for their fine work, and noting especially: Emanuel E. Fetzer, Local Arrangements Chairman; Glenn M. Stokes, Program Chairman; John Cawley, Exhibits; Dr. Gary Clark, Public Relations; Mrs. Ellen Fetzer, Chairperson for ladies' committee and Wilbur Mitchell, Registration.

###### RESOLUTION NO. 3

WHEREAS, the exhibitors have contributed generously to the success of these meetings through their displays and sponsoring of special activities, therefore

BE IT RESOLVED that our thanks and highest appreciation be extended to those individuals and corporations who have continued their faithful support of the



American Mosquito Control Association and nationwide mosquito work through sustaining these annual meetings and advertising in AMCA publications.

**RESOLUTION NO. 4**

WHEREAS, the management of Chicago's Pick Congress Hotel has provided excellent facilities for this 34th annual meeting,

BE IT RESOLVED that we express appreciation to the staff and management of the Pick Congress Hotel for the cooperation and good service extended to the American Mosquito Control Association.

**RESOLUTION NO. 5**

WHEREAS, all mosquito control research and operations have the need for literature references to mosquitoes and mosquito-borne diseases, and

WHEREAS, all information concerning these mosquito control research and operations is of interest and value to all members of the American Mosquito Control Association, and

WHEREAS, HELEN SOLLERS-RIEDEL has prepared a Reference Directory of mosquitoes and mosquito-borne diseases, now therefore

BE IT RESOLVED that the members of the American Mosquito Control Association extend their special appreciation to HELEN SOLLERS-RIEDEL for her tireless efforts in preparing the literature references to mosquitoes and mosquito-borne diseases for publication in Mosquito News, and

BE IT FURTHER RESOLVED that special thanks also be extended to those who assisted her in preparation of the directory.

**RESOLUTION NO. 6**

WHEREAS, the American Mosquito Control Association sustained the unexpected loss of several of its members who had contributed much to the knowledge of mosquitoes in mosquito control, and

WHEREAS, members of the American Mosquito Control Association recognize posthumously the contributions of Dr.

Fred L. Soper, Kansas; Dr. Mohammad G. Rabbani, Bangladesh; and Dr. Maurice W. Provost, Vero Beach, Florida; and express our deepest regret and sympathy to members of their families.

**RESOLUTION NO. 7**

WHEREAS, mosquito control throughout the United States has been severely hampered by recent Federal and State Legislation aimed at environmental protection, which legislation is essentially oblivious to traditional principles and practices of mosquito control, and

WHEREAS, technological problems have developed which render mosquito control more difficult and more costly, creating greater risk to the public, domesticated animals and wildlife from disease and discomfort transmitted by mosquitoes, and

WHEREAS, many areas of the country are inadequately prepared to provide effective protection to their resident populations, and

WHEREAS, mosquito control is the only feasible way to prevent such serious mosquito borne diseases in man as encephalitis, dengue fever, and malaria; and heart worm of dog, not to mention aggravated discomfort and economic loss attributable to mosquitoes.

NOW THEREFORE BE IT RESOLVED, that the American Mosquito Control Association does emphatically urge enactment of H.R. 4261 (The Mosquito Control Act of 1978-Boggs) as a means of realizing this significant unmet need, and

BE IT FURTHER RESOLVED, that this resolution be sent to every member of Congress; to J. Califano, Secretary, Health, Education, and Welfare; and to Dr. W. Foege, Director, Center for Disease Control.

Respectfully submitted,  
Khian K. Liem, Chairman