

MINUTES OF THE 1978-79 BOARD OF DIRECTORS  
 Capital Hilton, Washington, D.C.  
 April 8, 1979

1. *Call To Order:* President Paul J. Hunt called the meeting to order at 9:00 am.

2. *Roll Call:* Officers Present: President Paul J. Hunt, President Elect Glenn M. Stokes, Vice President Robert K. Washino, President 1978 Lewis T. Nielsen, President 1977 D. Bruce Francy, Treasurer W. Donald Murray. Regional Directors Present: Frederick H. Lesser, Richard C. Axtell, E. E. Fetzer, Edgar S. Bordes, John E. Lloyd, Peter Belton, Gilbert L. Challet, Marco E. C. Giglioli. Directors Absent: R. A. Costello, Frank L. Wilson. Others Present: Business Manager Linda Shields, Margaret Slater, Henry R. Rupp, Claude H. Schmidt, Marvin C. Kramer, Glen C. Collett, Richard F. Peters, John A. Mulrennan, Jr., John A. Mulrennan, Sr., Jay E. Graham, Melvin M. Borcham, Kenneth L. Knight, Rowland E. Dorer, Mills Reeves, Chris Vieser, Richard F. Darsie.

3. *Changes Or Additions To Agenda:* Several changes were suggested and approved.

4. *Minutes of Interim Board Meeting, New Orleans, October 23, 1978.* Lewis T. Nielsen moved, seconded by Gilbert L. Challet and duly carried, that these be approved as mailed. They will appear in *Mosquito News*.

5. *President's Statement.* President Hunt expressed appreciation to the board members and the committees for their involvement during the past year. The central office changes were the most noteworthy events of the year. Thomas D. Mulhern requested that his resignation as Executive Director be accepted. The Executive Committee, the Central Office Planning Committee and the full Board of Directors coordinated to accept this request and to make the necessary change with the least possible trauma to the central office at its present location and present operation. The Central Office Planning Committee recommended that W. Donald Murray be requested to accept

the appointment of Executive Director. The entire Board of Directors, except for Dr. Murray, was polled by phone and unanimously approved this recommendation. Dr. Murray agreed to accept the position as Acting Executive Director until the present Conference, at which time a regular appointment could be made. The Executive Committee at a meeting immediately preceding the present Board meeting recommended that this Board act to approve a 2-year appointment. Glenn Stokes moved that W. Donald Murray be appointed as Executive Director for a 2-year period. D. Bruce Francy seconded the motion.

In discussion, the question of a permanent full-time Executive Director was raised. While hope was expressed that this would be accomplished at some future time, there is not presently sufficient funding. The motion was passed unanimously.

6. *Nominating Committee Report.* Lewis T. Nielsen reported that the committee had selected two candidates for Vice President, Robert B. Dreyer and Claude H. Schmidt. Robert K. Washino and W. Donald Murray were unopposed for President-Elect and Treasurer, respectively. The elected officers were Claude Schmidt for Vice President, Robert Washino for President-Elect, and Donald Murray for Treasurer.

7. *Awards Committee Report.* Lewis T. Nielsen reported the following awards to be presented: Medal of Honor: Richard F. Peters, Alan Stone; Meritorious Service: Marco E. C. Giglioli; Honorary Member: Thomas D. Mulhern, Austin W. Morrill, Jr.; AMCA Memorial Lecture: J. David Gillett (AMCA Memorial Honoree: Don M. Rees). Bound Book of Letters: W. E. Bickley, Rowland E. Dorer, W. Donald Murray, Richard F. Peters.

8. *Executive Director Report.*

1. The following members have passed away during the past year: James M.

Bradley of Virginia, John D. Decoursey of Maryland, J. G. Foyle of Texas, R. L. Suhrbier of Illinois, Daniel Manley Jobbins of New Jersey, Vernon Conant of New Jersey, L. Colin Curtis of Canada.

2. The recent sale of excess copies of *Mosquito News* reduced the inventory of excess copies by about 10%. Another sale for a 6 month period is recommended, to be announced in the News Letter.

3. AMCA News Letter No. 15 contained 28 pages plus the cover, and cost \$774.88 to print. Postage for overseas members and subscribers was \$310, at .62 each.

4. Advertising in *Mosquito News* has increased 23½ pages, from 82¾ pages in 1977 to 106 ¼ pages in 1978.

5. Special thanks go to Chevron Chemical Company for its grant of \$5,000 to underwrite the initial printing of 9,000 copies of the excellent, informative public information booklet in color that was authored by Dr. Harry D. Pratt; and to Gilbert L. Challet, Manager of the Orange County Vector Control District; and to John Shanafelt for developing the format and for following through the printing process. The cover photograph of an engorged *Aedes sollicitans* has been enlarged and printed on heavy paper suitable for framing. Sale prices were set as follows:

Lots of 1,000 or more booklets, each copy	\$1.50
Lots of 100-999, each copy	\$1.60
Single Copies	\$2.00
Printing of name and address of agency, in lots of 250 or more	\$.10/copy
Separate photo suitable for framing	\$2.00/copy

Income from the sale of this booklet may be used to underwrite additional special publications.

6. Illustrations for the "Keys to Mosquitoes of North America" by Dr. Richard Darsie are progressing. The pledges from state and regional mosquito control associations to underwrite the completion of this bulletin have not been called yet, but

need for at least some of this help is still anticipated. It is expected that the bulletin will be ready for printing by the end of 1979.

7. On January 26, 1979, Executive Director Mulhern, Treasurer Murray and Business Manager Shields met with Mrs. Jean Chui, Negotiator, Division of Cost Allocation, DHEW, in San Francisco, regarding problems of direct and indirect costs for the NIH grant. Additional correspondence has been carried out with the NIH office in Washington, D.C. It is hoped that renegotiation of the 1976 and 1977 periods of the grant can be carried out in order to avoid a repayment requested by NIH. Also, these contacts should help us avoid future misunderstandings.

8. At the interim board meeting in New Orleans the Central Office was requested to study a computer addressing system. There are several sources, the most suitable being the Elliott Addressing System. This system employs stencil plates on which addresses are typed, instead of using a "plate maker" as our present system. Stencils are put into an electric machine which requires about 40 in. of space and runs up to 4,000 addresses per hr. There is a variable selection feature to select for certain mailings, such as "members only," "subscribers only," "Board of Directors only" or "regions only." The cost of the machine is \$2500, attachments \$606 for a total of \$3106. The yearly service agreement would be \$140 per year.

Glenn Stokes moved, seconded by Frederick Lesser and unanimously carried, that the central office have another sale of excess copies of *Mosquito News* for a 6 month period.

Glenn Stokes recommended a review of advertising rates and a report given at the Interim Board Meeting.

Gilbert Challet reported specifics on the color brochure. The final bill was \$4,672 for an excess of 9,000 copies, thus the cost was less than anticipated. Lewis Nielsen moved, seconded by Richard Axtell and approved unanimously, that the

price of the brochure remain as originally set, with a report to be presented at the Interim Board meeting at which time a price adjustment can be made if desirable.

In discussion on the computer addressing system, it was the general opinion that the system presently being used by the central office would be continued.

9. *Finance and Policy Committee Report* (Attachment #1). Glenn Stokes moved that News and Notes continue to be printed in *Mosquito News*, and that AMCA pay Austin Morrill's transportation expenses to attend annual meetings. Lewis Nielsen seconded the motion and it was approved unanimously.

Margaret Slater noted the excellent services provided by Boyd Printing Company. Lewis Nielsen moved, seconded by Marco Giglioli and unanimously approved, that AMCA continue with Boyd Printing Company for *Mosquito News*. President Hunt requested Margaret Slater to make a list of all the special services provided by Boyds and inform the central office of them for circulation to the Board of Directors.

Richard Axtell moved, seconded by Gilbert Challet, that student membership dues be  $\frac{1}{2}$  the full membership dues, with the same privileges. Donald Murray requested that this be contingent on approval by IRS. The motion, including the contingency, was approved unanimously.

The formal categories for annual donations above membership dues were discussed. Glenn Stokes moved, seconded by Robert Washino and unanimously approved, that these categories be established. Lewis Nielsen moved, seconded by Gilbert Challet and approved unanimously, that a list of these categories and the names of contributors be printed in the AMCA News Letter and in the Annual Program.

Marvin Kramer suggested that AMCA plan for one advertiser for the News Letter, for one year, with the option of changing the advertiser the following year. Glenn Stokes recommended that

the News Letter be printed four times a year, in February, May, August, and November. Gilbert Challet moved, seconded by Lewis Nielsen and approved unanimously, that this schedule be adopted, and that an advertiser be sought. The charge should recoup the entire costs of printing and mailing.

The AMCA Policy Statement on Mosquito Control was reviewed. Following minor changes, Frederick Lesser moved, seconded by Gilbert Challet and approved unanimously, the Policy Statement was adopted as presented in (Attachment #2).

President Hunt noted that this policy statement along with other policies adopted within the past 5 years will be combined and presented at the Interim Board Meeting for review and possible changes.

10. *Auditor's Report, 1978* (Attachment #3).

11. *Treasurer's Report*. Donald Murray reported that his records indicated that AMCA received \$125,680 and spent \$117,427 in 1978, a fund gain of \$8,208.

Early in 1979, with approval of the Board of Directors, Business Manager Linda Shields was authorized to sign checks for the association.

12. *AMCA-MAMCA Meeting Arrangements*. Robert Altman presented a brief report on local arrangements for the Washington, D.C. Conference.

13. *Program Committee*. Robert Washino, Program Chairman, reported that 126 presentations had been scheduled, including two invitational talks, 5 invitational symposia and one workshop. Dr. Washino commended Lewis Nielsen for securing the first Memorial Lecturer, Dr. J. D. Gillett, and Glenn Stokes for arranging the first Photo Salon.

14. *Report of the Editor* (Attachment #4).

15. *Report of the Editorial Board of Mosquito News* (Attachment #5).

16. *Report of the Editor of Mosquito Systematics, Kenneth L. Knight* (Attachment #6).

Frederick Lesser moved, seconded by Robert Washino and approved unanimously, that Dr. Knight's recommendation for his replacement, Lewis Nielsen, be accepted. Dr. Lewis Nielsen moved, seconded by Frederick Lesser and duly approved, that AMCA express appreciation to Kenneth Knight for the tremendous job he has done.

17. *Editorial Board, Mosquito Systematics* (Attachment #7).

18. *AMCA News Letter Committee* (Attachment #8). Gilbert Challet moved, seconded by Marco Giglioli and approved unanimously, that the items presented by the News Letter Committee be approved except for item 4.

19. *Publications Committee* (Attachment #9). Relative to the illustrated key, Bulletin No. 7, President Hunt reported that AMCA had received the authority from CDC to publish and sell the Darsie Keys. The illustrations in this bulletin will belong to AMCA. Dr. Darsie stated that AMCA could copyright the keys but could not object to anyone else using them. Gilbert Challet moved, seconded by D. Bruce Franczy and approved unanimously, that AMCA copyright the illustrations only for the keys.

20. *Central Office Planning Committee* (Attachment #10). Dr. Murray requested authorization for 3 local AMCA members to work closely with him in the program of the central office. Glenn Stokes reported that the three suggested by Dr. Murray were included in the 1979 Central Office Planning Committee. President Hunt reported that the Executive Committee had discussed the suggestions of Dr. Murray, and that this committee recommended an increase in salary of 12% for Business Manager Linda Shields and an allowance of 20¢ per mile to handle banking affairs, postal affairs, etc. Peter Belton moved, seconded by Frederick Lesser and approved unanimously that these recommendations be accepted.

21. *Executive Committee Report*. President Hunt commented on the proposed AMCA Extension Representative. He had

suggested some guidelines in a letter to the Executive Committee as follows:

1. The title would be AMCA Extension Representative.

2. The appointment would be for a 2-year term, with an evaluation at that time.

3. The position would be voluntary, but expenses for travel would be budgeted.

4. One purpose would be to represent AMCA to agencies regulating mosquito control activities, offering services of AMCA, stating and promoting purposes and policies of AMCA and otherwise mediating problems with governmental agencies which tend to over-regulate and hinder mosquito control agencies in their efforts to protect the public health and comfort of the citizens they serve.

5. The position would not lobby in violation of IRS regulations.

6. Following any representation of AMCA at meetings with any of the various governmental agencies or appearances before any committee, a clear concise report would be presented to all members of the Board of Directors through the central office staff.

7. The goals of the position should be defined. A definition of the problems needing AMCA representation and input needs to be made. A list of agencies should be assembled to which AMCA should offer representation.

8. The person who fills the position should recognize the individuality of various committee chairmen and respect their job functions and assignments and be willing and able to work with them in developing information.

The Executive Committee believes that only the broadest of guidelines should be developed for this position because the precise needs for the services would generally be very unpredictable. The Board of Directors should authorize the Executive Committee to act quickly without the entire Board's approval should circumstances require that the Extension Representative service be needed on an

emergency basis. Richard F. Peters was named as the AMCA Extension Representative at the Chicago Conference in 1978. Mr. Peters suggested that the central office should call on this position for help if and when needed. He volunteered to do his part in any manner that the central office wished to have him participate.

Lewis Nielsen moved, seconded by Gilbert Challet and approved with one negative vote, that AMCA appoint Richard Peters as Extension Representative.

Gilbert Challet moved, seconded by Marco Giglioli and approved unanimously, that the guidelines for Extension Representative as recommended by the Executive Committee be adopted. It was agreed that the job of deciding what and when our Extension Representative should undertake should be that of the Executive Director, who at all times should keep the board thoroughly informed of items being undertaken.

Future Meetings: Lewis Nielsen reported that the 1980 meeting would be from April 13-17, at the Hotel Utah, Salt Lake City. The room rates will be essentially the same as those in Washington, from \$38 to \$50. Mills Reeves reported that the 1981 meeting would be held in San Antonio. The dates are from March 15-18. Because of hotel commitments, only 2½ days of meetings are available, unless certain changes are acceptable. Richard Axtell moved, seconded by Frederick Lesser and approved unanimously, that the 1981 meeting remain as scheduled. Gilbert Challet reported that no date or place has been set for the 1982 meeting in California. Arrangements for the 1983 meeting at Lake Buena Vista in Florida are still firm; 500 rooms have been reserved.

22. *World Wide Committee Report* (Attachment #11). President Hunt deferred the World Wide Committee report regarding the Good Neighbor Club to the Wednesday board meeting for action.

23. *Resolutions Committee Report* (Attachment #12). Frederick Lesser moved, seconded by Gilbert Challet and ap-

proved unanimously, that the resolutions be approved, to be read at the general business meeting.

24. *AMCA Permanent Foundation*. President Hunt read a memo from Lewis Nielsen which suggested the following step plan:

1. Immediate election of an Advisory Board by the Board of Directors at the Washington meeting. This Advisory Board should consist of no less than 5 and no more than 7 members, one of whom shall be appointed chairman. The President and the Executive Director would be non-voting ex-officio members. Each member should be from a different region.

2. I favor a 2-year term each with a limitation of 3 consecutive terms to be served. Chairmanship should be changed every 2 years and the Board should elect new members which will insure continuing regional balance.

3. The first Advisory Board should be instructed to have a set of guidelines ready for consideration at the October 1979 Interim Board meeting. The Advisory Board should contact other associations which have well established foundations such as ESA, Sigma Xi, etc., for advice and guidance.

4. Guidelines should consider setting up classifications for donors, kinds of awards and the accounting and disposition of the funds, all of which have received clearance from IRS.

5. Hopefully at the Interim Board meeting agreement could be reached on the fund which could be referred to the Bylaws Committee for presentation at the 1980 meeting.

After lengthy discussion, the Board unanimously approved adoption of this procedure.

25. *Public Relations Committee Report*. Jimmy K. Olson mailed a written report, the abstract of which is included as (Attachment #13).

President Hunt noted an article by Lewis Nielsen to be published in the September issue of *National Geographic*. This will be a tremendous assist in public rela-

tions in making people aware of mosquitoes.

26. *Membership Committee Report* (Attachment #14).

27. *Operational Articles Committee Report* (Attachment #15).

28. *Information Coordination Committee Report*. No Report.

29. *Financial Support Committee*. Lewis Nielsen noted that it was largely through the effort of George Carmichael that AMCA was awarded \$600 from Leco to sponsor Dr. J. D. Gillett's expenses as the first AMCA Memorial Lecturer.

30. *Mosquito Control Film Scientific Advisory Board*. Glenn Stokes reported that the lack of funds made the production of a film impossible at this time.

31. *Bylaws Committee Report*. Robert B. Dreyer reported that the Bylaws Committee had prepared 3 amendments (Attachments 16a, 16b, and 16c). These were submitted to the membership by the February AMCA News Letter and will require a 2/3 vote for passage at the annual Business Meeting on April 10.

Two additional items have been suggested. These have not been distributed to the membership, but can be approved by a 3/4 vote at the annual meeting. An addition to Article IV, Section 2:b, provides a time table for the mailing of ballots for Regional Director (Attachment 16d). An addition to Article VIII, relative to persons authorized to open and count ballots, includes just 3 words to provide for greater flexibility. (Attachment 16e).

The Bylaws Committee determined that the present practice of printing the Bylaws from time to time in *Mosquito News* is adequate.

Consideration was given to the establishment of an Executive Committee. Fol-

lowing consultation with the Board of Directors it was determined that the present Bylaws allow the President, with approval of the Board of Directors, to appoint such a committee.

A possible need to change the boundaries of several regions was brought to the attention of the Bylaws Committee. This committee and the Board of Directors determined that the change was not necessary at this time.

President Hunt noted that the Finance and Policy Committee had recommended that formal categories be established so that AMCA members could be encouraged to make annual donations above their membership dues. Glenn Stokes then noted that the categories for donations were separate from membership classes. Richard Axtell moved, seconded by Robert Washino and approved unanimously, that attachment 16c on the subject of sustaining membership be adopted as recommended.

Relative to attachment 16b, Richard Axtell moved, seconded by Frederick Lesser and approved unanimously, that the student membership be accepted but that the last sentence be deleted: "Post-doctoral fellows or students are not eligible for student membership."

Frederick Lesser moved, seconded by Marco Giglioli and approved unanimously that attachment 16a be adopted, with the addition of the paragraph included in attachment 16d.

Richard Axtell moved, seconded by Robert Washino and approved unanimously, that the addition of the three words to Article VIII be adopted, as per attachment 16e.

President Hunt adjourned the meeting at 5:50 pm.

MINUTES OF THE ANNUAL BUSINESS MEETING OF THE AMERICAN  
MOSQUITO CONTROL ASSOCIATION, CAPITAL-HILTON HOTEL,  
WASHINGTON, D.C., APRIL 10, 1979

The purpose of the Annual Business Meeting is to present to the membership a

report on the activities of the Association during the past year and to take certain

actions as required in the Bylaws. Most of the actions reported on at the Business Meeting were reported to the Board of Directors at the meeting of that Board on April 8, and will be published in *Mosquito News*. In the interest of economy, only additional or new items will be presented in these condensed minutes. The complete taped material is retained by the central office.

President Hunt called the meeting to order at 3:15 pm and appointed James D. Gorman as Parliamentarian.

W. Donald Murray, acting as Treasurer, presented an outline of the 1979 budget. Frederick Lesser moved, seconded by John Mulrennan and approved unanimously, that this budget be approved.

Robert B. Dreyer reported on changes proposed for the Bylaws which required action at the Business Meeting. These have been accepted by the Board of Directors for presentation at the Business Meeting.

1) An amendment to replace Article IV, Section 2B in its entirety, relative to nomination and election of Regional Directors. Robert Dreyer moved, seconded by Henry Rupp, and approved unanimously that this amendment be adopted.

2) Addition to Article III, Section 1, Part E, relative to Student Member. Robert Dreyer moved, seconded by Glenn Stokes and approved unanimously that this amendment be adopted.

3) Addition to Article III, Section 1, Part F, relative to Sustaining Member. Robert Dreyer moved, seconded by Harold Chapman and approved unanimously that this amendment be adopted.

4) Addition to Article VIII, Section 1, relative to opening and counting of ballots. Present Bylaws state that the ballots must be opened and tallied by the Executive Director and at least two other officers or directors. The amendment adds three words: "or their designee(s)" following directors. Robert Dreyer moved, seconded by Claude Schmidt and approved unanimously, that this amendment be adopted.

John Mulrennan, Jr., presented the report of the Resolutions Committee. John Mulrennan, Jr., moved that the resolutions as read be adopted, seconded by James Heidt and approved unanimously.

President Hunt requested the new Board of Directors to present themselves to the meeting. They were: Glenn M. Stokes, President, Dr. Robert K. Washino, President-Elect, Dr. Claude H. Schmidt, Vice President, Paul J. Hunt, President 1978, Dr. Lewis T. Nielsen, President 1977, Dr. W. D. Murray, Executive Director-Treasurer, Dr. Blair V. Helson, Regional Director Canada, Frederick H. Lesser, Regional Director North Atlantic Region, Dr. Richard C. Axtell, Regional Director, Mid-Atlantic Region, Frank L. Wilson, Regional Director South Atlantic Region, E. E. Fetzer, Regional Director North Central Region, Dr. Max V. Meisch, Regional Director South Central Region, John E. Lloyd, Regional Director West Central Region, Peter Belton, Regional Director North Pacific Region, Gilbert L. Challet, Regional Director South Pacific Region, Dr. Marco E. C. Giglioli, Regional Director Latin America-Caribbean Region.

President Hunt thereupon presented the gavel to incoming President Glenn Stokes, who gave a few remarks: "I am indeed proud of standing here as your President for the coming year. I will work hard to further the ideals and goals of the AMCA. I will represent you to the best of my ability. Being President of the AMCA, a truly international Association, is a high honor and I appreciate the faith you have shown in making me your new President. As each new President outlines his program objectives, he has hopes of spectacular achievements during his term of office. More often than not, however, this isn't possible. In fact, accomplishments during one's term of office are usually the results of efforts of one or more past presidential initiatives. I plan to build on the foundation set by my predecessors. To meet the growing expenses of running the AMCA in these inflationary times, we must continue to expand our

revenue base through new memberships, through more advertising in our journal *Mosquito News*, expanding sales of our publications, and securing substantial donations. Of course we must continue to streamline our central office and reduce expenses without sacrificing efficiency.

The association needs your support. The diligent work of your elected officers, the Board of Directors, and the committee members is not enough! We need every single member's help and support."

President Stokes adjourned the meeting at 5:05 pm.

## ATTACHMENT NO. 1

### Report Of The Finance And Policy Committee

#### FINANCE

1. We recommend that the Board approve the proposed budget for 1979, with an adjustment made to allow for travel expenses for Donald Murray, Treasurer, to attend the interim and annual Board meetings.

There was a majority favoring continuation of publishing News and Notes in *Mosquito News* and also paying for travel expenses for Austin Morrill to the annual meetings.

2. We investigated the possibility of obtaining competitive bidding for printing *Mosquito News*. Dr. Bickley has advised us that Boyd is fair with AMCA, and that we are doing about as well as can be expected cost wise. Boyd provides a great many "extra" services. The Board may wish to decide whether it would be to the advantage of AMCA to have a formal contract with Boyd. No formal contract exists now and never has.

3. The Bylaws Committee has proposed that two new membership categories be added: Sustaining Member (\$250 or more per year) and Student Member (annual dues to be set by Board). The majority of members of the Finance and Policy Committee support this proposal.

4. Our committee recommends that some formal categories be established so that AMCA members can be encouraged to make annual donations above their

membership dues. Some suggested categories along with possible donation amounts are: 1) Contributor \$1-\$99, 2) Donor \$100-\$499, 3) Supporter \$500-\$999, 4) Benefactor \$1000 or more. We suggest that it would be appropriate to list these categories and the names of the contributors in each issue of *Mosquito News* and/or the News Letter and the Annual Program.

5. We are pleased with the decision made by the Board at the interim meeting to find one advertiser per year for the News Letter to make it self-supportive.

#### POLICY

1. Comments and suggestions relative to the AMCA Policy Statement have been prepared for consideration. The Policy Statement should be a document of high quality because it reflects on the intelligence and professionalism of the members of AMCA.

2. The committee is working with the central office on a list of all policies approved within the past 5 years.

3. We recommend that the Executive Committee be continued and designated as a standing committee, with membership and duties as previously approved by the Board.

Respectfully submitted,  
Steele R. Lunt, Chairman



## ATTACHMENT NO. 2

## AMCA Policy Statement On Mosquito Control

The American Mosquito Control Association advocates management of mosquito populations, when and where necessary, by means of integrated programs designed to benefit or to have minimal adverse effects on people, wildlife, and the environment. This integrated pest management policy recognizes that mosquito populations cannot always be eliminated but often must be suppressed to tolerable levels for the well-being of humans, domestic animals, and wildlife, 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 should be undertaken only when there is adequate justification, based upon surveillance data.

2. Integrated mosquito management programs should be tailored to the needs and requirements of the local situation. The combination of methods for mosquito control should be chosen after careful consideration of the efficacy, ecological effects and costs versus benefits of the various options, including public educa-

tion, legal action, natural and biological control, elimination of breeding sources, and insecticide applications.

3. Mosquito breeding sources, whether natural or created by human activity, should be altered in such a manner as to cause the least undesirable impact on the environment.

4. Insecticides and application methods should be used in the most efficient and least hazardous manner, in accordance with all applicable laws and regulations and available scientific data. The registered label requirements for insecticides should be followed. When choices are available among effective insecticides, those offering the least hazard to non-target organisms should be used. Insecticides should be chosen and used in a manner that will minimize the development of resistance in the mosquito populations.

5. Personnel involved in mosquito management programs should be properly trained and supervised, and certified in accordance with relevant laws and regulations, and should keep current with improvements in management techniques through continuing education and/or training programs.

## ATTACHMENT NO. 4

Report of the Editor of *Mosquito News*, 1978

During the 1978 calendar year 133 articles, occupying 534 pages, were published. The total number of pages printed was 774. Each of these totals is larger than the average for the past 5 years. The number of manuscripts received was 152. Currently, except for operational articles and scientific notes, the time lag between receipt of a manuscript and actual publication is usually more than 6 months, often 9 or more. I hope that in 1979 more prompt publication will be possible, but a large number of manuscripts received in January and February will have to be pro-

cessed for the September number because the June number is already "full."

I express my sincere appreciation for the help of the Staff of *Mosquito News*, the Editorial Board, an appreciable number of anonymous reviewers, and of representatives of the Boyd Printing Company. I also thank the Board of Directors for supporting my attendance at meetings of the Council of Biology Editors.

Respectfully submitted,  
William E. Bickley, Editor

## ATTACHMENT NO. 3

## Auditor's Report

AMERICAN MOSQUITO CONTROL ASSOCIATION  
STATEMENT OF ASSETS AND LIABILITIES  
DECEMBER 31, 1978

## ASSETS

Cash in Bank—Commercial	\$ 9,590.42
Cash in Bank—Savings	37,361.73
Investments—Cost	37,763.20
Fund Balance—University	
State of New York	703.60
Equipment	6,423.16
<b>TOTAL ASSETS</b>	<b>\$91,842.11</b>

## LIABILITIES

Payroll Taxes Withheld	\$ 1,164.93
Fund Balance	90,677.18
<b>TOTAL LIABILITIES</b>	<b>\$91,842.11</b>

AMERICAN MOSQUITO CONTROL ASSOCIATION  
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS  
WITH BUDGET COMPARISONS  
DECEMBER 31, 1978

	Actual	Budgeted	Over (under)
<b>RECEIPTS</b>			
Dues and Subscriptions	\$ 35,169.43	\$ 42,500.00	\$( 7,330.57)
Advertising	15,788.72	10,000.00	5,788.72
Reprint	9,373.00	6,000.00	3,373.00
Back Issues—Mosquito News	2,080.26	2,000.00	80.26
NIH Grant	18,460.00	18,000.00	460.00
Miscellaneous	661.26	200.00	461.26
Return of Investment	1,116.80	1,000.00	116.80
Annual Meeting	6,944.59	5,000.00	1,944.59
Bulletins	581.72	1,500.00	( 918.28)
Page Changes	13,342.50	10,000.00	3,342.50
Dividends and Interest	5,667.48	3,500.00	2,167.48
Mosquito Systematics	6,634.07	3,000.00	3,634.07
Sales Tax Collected	41.01	25.00	16.01
Miscellaneous	2,508.55	7,000.00	( 4,491.45)
Tax Exempt Grants & Foundations	6,500.00	10,500.00	( 4,000.00)
Agency Income	1,462.00	1,200.00	262.00
<b>TOTAL RECEIPTS</b>	<b>\$126,331.39</b>	<b>\$121,425.00</b>	<b>\$ 4,906.39</b>

**DISBURSEMENTS***Publication Expenses*

Mosquito News Printing and Mailing	\$ 35,994.92	\$ 38,000.00	\$( 2,005.08)
Mosquito News Reprint	7,484.33	4,500.00	2,984.33
Communications	500.00	1,000.00	( 500.00)
Clerical Help	1,591.00	2,500.00	( 909.00)
Travel Expenses	709.40	679.00	30.40
Remuneration	600.00	600.00	—0—
Back Issues	1,903.50	1,200.00	703.50
Bulletins	—0—	4,000.00	( 4,000.00)
Mosquito Systematics	6,245.23	5,500.00	745.23
Special Printed Items	2,627.99	11,500.00	( 8,872.01)
	<u>\$ 57,656.37</u>	<u>\$ 69,479.00</u>	<u>\$(11,822.63)</u>

*Executive Office Expenses*

Postage and Telephone	\$ 4,125.60	\$ 3,000.00	\$ 1,125.60
Forms and Printing	1,975.34	1,800.00	175.34
Office Expenses	1,331.74	1,800.00	( 468.26)
Travel and Miscellaneous	5,576.53	6,800.00	( 1,223.47)
Clerical	17,884.60	15,000.00	2,884.60
Remuneration—Executive Director	4,000.00	4,000.00	—0—
Bond	42.00	42.00	—0—
Capital	1,265.83	1,300.00	( 34.17)
	<u>\$ 36,201.64</u>	<u>\$ 33,742.00</u>	<u>\$ 2,459.64</u>

*Treasurer's Office Expenses*

Clerical and Supplies	\$ 233.00	\$ 150.00	\$ 83.00
Audit	510.00	500.00	10.00
Travel	350.00	374.00	( 24.00)
	<u>\$ 1,093.00</u>	<u>\$ 1,024.00</u>	<u>\$ 69.00</u>

*General Expenses*

Membership Committee	\$ 594.34	\$ 1,800.00	\$( 1,205.66)
Bibliography—NIH Grant	17,277.00	18,000.00	( 723.00)
President's Office	1,091.25	1,000.00	91.25
Regional Expenses	74.65	300.00	( 225.35)
Miscellaneous	41.90	750.00	( 708.10)
Taxes—Payroll	1,178.07	1,200.00	( 21.93)
Sales Tax	26.08	50.00	( 23.92)
Agency Costs	1,243.40	1,000.00	243.40
	<u>\$ 21,526.69</u>	<u>\$ 24,100.00</u>	<u>\$( 2,573.31)</u>

**TOTAL DISBURSEMENTS**

	<u>\$116,477.70</u>	<u>\$128,345.00</u>	<u>\$(11,867.30)</u>
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**FUND BALANCE—January 1, 1978**

\$ 80,674.46

## Excess of Receipts over

## Disbursements

9,853.69

## Add: Equipment Additions

1,265.83

## Less: Reduction of Principle

1,116.80

**FUND BALANCE—December 31, 1978**\$ 90,677.18

## ATTACHMENT NO. 5

Report Of Editorial Board of *Mosquito News*

The Editorial Board did not meet this year since the Chairman was unable to attend the annual meeting. The members of the Editorial Board assisted, upon request, in reviewing manuscripts for *Mosquito News*.

By correspondence our committee had an exchange of view on some subjects. It is noted that the duties of the Editorial Board are not mentioned in the bylaws of the Association, a deficiency which should perhaps be corrected. One of our members suggests that the primary concern of the Board should be the constant improvement in quality of *Mosquito News*, and, to this end, the Board should make appropriate recommendations to the Editor.

The Board had an exchange of information on whether or not it would be useful to have some sort of printed guide and form for the review of submitted articles. The three members of the Board who addressed this question did not agree on the necessity of a form. The question of printed guidelines for the review of

articles was not addressed by the two Board members who responded.

The increasing number of papers submitted for publication was also discussed by correspondence. Possible solutions to this problem include: 1) rejection of more papers, 2) shortening of papers, 3) increase in page charges, 4) increase in subscription rate, and 5) enlarging the size or frequency of issuance of *Mosquito News*.

One Board member suggested that all of these might be done. Another suggested that increasing rejections was impractical, that the subscription rate should not be raised, and that the size and frequency of publication should not be increased. This Board member suggested that an increase in page charges would help to shorten manuscripts. He further suggested that there might be an increase in the charge for all pages above a specified minimum, say 6 pages.

Respectfully submitted,  
A. Ralph Barr, Chairman

## ATTACHMENT NO. 6

Report On *Mosquito Systematics* For 1978

Four numbers with a total of 577 pages were published in 1978 (Volume 10). Twenty articles representing 15 different authors were involved. Approximately 300 subscriptions were in existence sometime within the year.

All financial matters are handled through the Executive Director's office. Cost and income figures for 1978 can be found in the quarterly financial statements issued by the Treasurer.

Because of my pending retirement (6/30/80), I will vacate the editorship of *Mosquito Systematics* December 31, 1979. Arrangements have been made unilaterally but with the knowledge of the Executive Director and the Editorial Board for Dr.

Lewis T. Nielsen to become editor on January 1, 1980. He is uniquely qualified for the job and has the necessary dedication and institutional support required. I hope the Board of Directors will unanimously approve this selection.

Although not a money maker, *Mosquito Systematics* has been rather well received and it does continue to pay a sizeable portion of its own cost. In this, my last annual report, I wish to most sincerely thank the AMCA administration and membership for making possible continued publication of this journal.

I wish to particularly acknowledge the fine assistance continually extended by Thomas Mulhern and Linda Shields.

Lastly, a special commendation is due the editor's assistant, Mrs. Rita Reynolds, for help far beyond the normal call of duty. Without her constant dedication to pub-

lishing *Mosquito Systematics* it would long ago have ceased to exist.

Respectfully submitted,  
Kenneth L. Knight, Editor

#### ATTACHMENT NO. 7

##### Report Of The Editorial Board, *Mosquito Systematics*

1. It is the unanimous opinion of the editorial board that *Mosquito Systematics* has filled a valuable niche in the publications spectrum open to mosquito taxonomists.

2. Editor Kenneth Knight has by all counts done an outstanding job in conceiving, fostering and developing *Mosquito Systematics* into a highly visible, universally respected and thoroughly appreciated journal. This progress has been made in spite of financial and technical difficulties.

3. Now that Dr. Knight is retiring, every effort should be made to keep the journal as it is, informal yet authoritative, not enmeshed in organizational red tape, and published with as little overhead as possible. This will almost necessitate that the next editor be an academician with the necessary secretarial help and facilities available. The board feels that

the choice of the next editor is crucial to the continued success of the journal.

4. With the purpose in mind of gathering outside opinion about *Mosquito Systematics* a letter was sent to 30 internationally known mosquito taxonomists, scientists who represent several active areas in mosquito taxonomy. Responses were received from eleven. Praise for the journal and its editor was unanimous; there were several specific suggestions for possible even further improvement. These suggestions have been abstracted, condensed and sent to the Editor for his consideration.

5. The Editorial Board is of the opinion that *Mosquito Systematics* is an active, viable, useful journal and a credit to the AMCA.

Respectfully submitted,  
James Kitzmiller,  
Chairman

#### ATTACHMENT NO. 8

##### Report of AMCA News Letter Committee

All members of the Committee have been active, having expressed their views on a number of issues:

1. Should the News Letter report issues of particular concern to the membership, as, for example, the classification of pesticides and establishment of pesticide uses by E.P.A., or regulations of source reduction work imposed by the Corps of Engineers?

2. Should the News Letter inform the membership of controversial issues on which decisions must be made by the

Board of Directors, present factual statements in support of each thesis, and encourage members to communicate their feelings regarding the issues to their Regional Directors?

3. Should the News Letter invite statements from knowledgeable persons regarding possible courses of action that AMCA or individual mosquito control agencies could take to counter adverse political, economic, or other influences, or to discuss new, positive approaches to mosquito control?

4. Should the News Letter provide news of individuals who have taken new assignments, received special honors, etc.?

5. Should the News Letter carry non-technical (non-scientific) articles and information relating to the Association? Is the role of "News and Notes" in *Mosquito News* that of an information-conveying medium for newsworthy material of a personal and informal nature?

6. Following the resignation of Thomas D. Mulhern as editor of the News Letter, opinions and suggestions were solicited from officers of AMCA and Linda Shields, Business Manager, as to a

replacement. Charles M. Myers was nominated.

7. Should the News Letter sell advertising, running an advertisement in each issue for one year, with a change of advertiser each year, to help to defray costs?

Recommendations of the Committee are that items 1,2,3,5,6, and 7 be implemented.

The Committee wishes to commend Thomas D. Mulhern for his dedication and results as editor of the News Letter.

Respectfully submitted,  
Marvin C. Kramer, Chairman

#### ATTACHMENT NO. 9

##### Report Of The Publications Committee

In 1978-79 the Publications Committee had extensive intra-committee correspondence in developing its priorities and later in attempting to establish a workable publications protocol for the AMCA. The following are the Committee's recommendations.

1. Suggestions for publications, whether new or revisions of existing publications, will be sent to the Publications Committee for consideration and evaluation.

2. The Publications Committee will review such suggestions promptly, giving consideration not only to need but also to what sort of financial commitment is involved.

3. The Publications Committee will send its recommendations to the Board of Directors for action.

4. Appointing of editorial boards and chairpeople. On this subject there was a difference of opinion in the Committee; some felt that this was the prerogative of the President of the AMCA, and others felt that the Publications Committee should submit names for the President to choose from.

5. Once appointed, the chair will establish a publications team and a schedule of operations.

6. The chairs of the various editorial boards, excluding *Mosquito News* and *Mosquito Systematics*, will report to the Board of Directors at their interim and regular meetings through the chair of the Publications Committee.

7. Final approval of manuscript for publication. There appear to be two problems that need to be reckoned with at this point. First, how autonomous of the Publications Committee is the individual editorial board once appointed? Is it, once set in motion, the sole and final determiner of what will be in the publication? There is a potential for lack of review if the chair of the editorial board were in fact the person with primary responsibility for the content and writing of the publication. The second problem deals with the matter of publication costs. Once a publication is conceptually approved, it may not appear as a finished manuscript for several years. In the interim, printing costs may have increased appreciably. This latter problem seems to dictate the need for a final fiscal go-ahead from the Board of Directors if publication cannot be completed within a year of authorization. In this respect, it is possible that the Board of Directors should have some fiscal limit in mind

when authorizing a publication.

8. No textual emendations shall come from outside the writing/editorial process.

The Publications Committee seeks clarification from the Board of Directors on the actual printing process of publications. Is this function handled through the Executive Director's office? It does not seem acceptable that such duties should be handled by AMCA members who are not authorized to expend Association funds, but the point should be spelled out.

The Publications Committee has no recommendations concerning new publications at this time.

Bulletin #1 (Revision) THE USE OF AIRCRAFT IN MOSQUITO CONTROL: Dr. Norman B. Akesson has submitted copies of the final draft of this bulletin to President Hunt and to myself. The ms is some 118 pages, and the principal difference between it and the third draft is that the appendix "Spray Drop Sizing" is not included. In the third draft this appendix was 18 pages. It is to be hoped that this section can be included, for the ms is ready for Board approval and the appropriation of funds for publication.

Bulletin #2 (Revision) GROUND EQUIPMENT FOR MOSQUITO CONTROL: Dr. Carlisle B. Rathburn has set an ambitious schedule which looks to have the revision completed by February of 1980. He has had some changes in personnel on his committee and as of 21 February (the date of his report) was still lacking one member. Dr. Rathburn was anticipating preliminary drafts on 1 March, and he may have an update on the information in his fine report. Dr. Rathburn's recommendation regarding

advertising in the bulletin should be implemented by the Central Office.

Bulletin #6 (New) BIOCONTROL OF MOSQUITOES: Dr. Harold C. Chapman anticipates a completed manuscript by April of 1980.

Bulletin #7 (New) IDENTIFICATION OF NORTH AMERICAN MOSQUITOES: Under the direction of Dr. Richard F. Darsie and Dr. Ronald A. Ward this bulletin now awaits completion of the drawings for the key. Letters to President Hunt from Dr. Kaiser of CDC and Dr. Ward have clarified and resolved questions concerning publication by the AMCA of the bulletin. No date for publication was given although it was thought in the past that April of 1980 was possible.

Bulletin #8 (New) MOSQUITO NEWS INDEX: Mr. David E. Reed is working on problems of format. I am concerned about the amount of repetition in the sample that he submitted with his report because such repetition could make for a too-large book and because it could make individual entries too unwieldy. The problem is to stay on the fine line that separates simplicity from simple mindedness.

Bulletin #9 (New) DIRECTORY OF MOSQUITO CONTROL EQUIPMENT, MATERIALS AND SERVICES: Dr. Marco E. C. Giglioli reports little progress over the past year. Like Dr. Rathburn, Dr. Giglioli raises the question of advertising in the Directory. In a volume of this nature, all who are listed should be offered the opportunity of advertising or no one should. There should be no discrimination among the various potential sources of revenue.

Respectfully submitted,  
Henry R. Rupp, Chairman

#### ATTACHMENT NO. 10

##### Report Of The Central Office Planning Committee

The Chairman of the above committee received a copy of a letter from our

Executive Director Thomas D. Mulhern to President Paul J. Hunt dated 20 De-

ember 1978, formally requesting that he not be considered for another term.

The chairman sent a memo to the members of this committee on January 9, following telephone conversations with available members with discussion on the possibility of asking W. Donald Murray to be Acting Executive Director at least until the Washington meeting and also mentioned the use of the President-Elect each year to take up the slack.

A phone call from President Paul J. Hunt and a letter from Thomas D. Mulhern in early February 1979 indicated that Thomas D. Mulhern wished to retire immediately.

The chairman polled the committee on February 13, 1979, and the consensus was that Dr. W. Donald Murray be asked to assume the duties of Executive Director at least until the Washington meeting. A second alternative was to have each President-Elect and the Regional Directors assume many of the duties formerly carried on by Thomas D. Mulhern. The chairman relayed these recommendations to President Paul J. Hunt on the same date.

Respectfully submitted,  
Harold C. Chapman, Chairman

#### ATTACHMENT NO. 11

##### Report Of The World Wide Committee

At the last meeting of the A.M.C.A. in Chicago the World Wide Committee made a number of recommendations. The first of these was to clarify the meaning of Integrated Vector Control as compared to similar terms in agriculture. This has been attempted by this year's committee and is included in the report. Other recommendations of the committee have at best been only partially met and in all probability will not be completely met in the near future and are included again in this report. Thomas D. Mulhern has written a letter recommending that a Harry Stage Good Neighbor Club be re-established with guidelines to prevent abuses. A check for \$20.00 was also enclosed. The letter arrived too late to consult committee members but the recommendation is hereby passed to the officers and directors with the endorsement of the Committee Chairman.

#### INTEGRATED VECTOR MANAGEMENT

A major assignment for the World Wide Committee for 1978 was to develop a definition of Integrated Vector Control that would be useful both for developing

countries and for areas with well developed vector control programs. As responses came in from committee members and others and, as the historical review of the terminology and the concepts involved was made, it appeared that the term Integrated Vector Management might be more appropriate. The reasons for this are discussed later. It also seemed appropriate not only to define Integrated Vector Management but also to explain, very briefly, some of the concepts involved since some misunderstandings are possible among those directly involved in operational programs. There is also a need to explain the concepts to people who may not be directly involved in operations but who may be making decisions regarding funding and some activities of the program.

Some members of the A.M.C.A. preferred the term comprehensive in place of integrated because they felt that some were using integrated control to mean methods other than chemical for the control of pests and vectors. While this is true to some degree, the need persists for chemicals in the control of agricultural pests as well as those organisms which carry disease to man and animals or cause



unacceptable annoyances. In spite of the rhetoric the need for chemicals is well recognized. In any event, the term integrated is well accepted in the literature, it has force and influence and will affect the development of control procedures and management techniques in the future. It seems unwise to surrender the term integrated to those whose beliefs do not take into account economic, operational and efficacy realities.

Since our committee is the World Wide Committee, we view the importance of vector control on the basis of the world wide vector borne disease problem rather than the relatively minor problem of annoyance which is the case in most developed countries. In this context vector borne diseases are responsible for incredible amounts of death, sickness and economic loss. There are estimates of a million deaths of children each year in Africa from malaria alone. When other diseases and areas are considered the problems are enormous. Given these problems and the need to control them, those who would reduce or eliminate the use of effective pesticides have an obligation to demonstrate that the damage done by insecticides, both real and imagined, is greater than the benefits derived from reducing vector borne diseases. They also have an obligation to present other methods which will be as effective and economical on an operational basis. Since these obligations have, at best, been only partly met, the committee feels that some chemical control methods are necessary and desirable in most vector control programs. We also strongly advocate the use of other techniques when and where practical and advocate that research continue in the development and application of new and different techniques.

Many sources are available and were utilized in developing our statement on Integrated Vector Management. The committee is particularly indebted to Dr. J. L. Apple of North Carolina State University for allowing us to use an outline for one of his courses on Integrated Pest Management. Part, but not all, of what

follows was derived from that source, slightly modified to adjust to disease vectors rather than agricultural pests.

Mosquito control, either to prevent disease or to prevent or reduce annoyance has a history of using a wide variety of techniques and integrating them to achieve the best level of control possible. In about 1900 the North Shore Improvement District worked for mosquito control on Long Island. In 1902 they published a report which in effect advocated measures which today would be called integrated control. The work of Gorgas in Panama is another example. A review of the literature in *Mosquito News* and the publications of state and regional associations shows numerous articles on source reduction, water management, environmental manipulation, biological control, genetic control and public education all of which are elements of integrated vector population management. The first malaria mosquito campaign in the United States was initiated in 1910 by Professor Herms at Penryn, California and integrated control measures were undertaken.

The term "integrated control" was coined by Smith in 1954 but the concept was not fully elaborated until 1959 when an article was published by Stern, Smith, Van den Bosch and Hagan. At first the concept referred to the integration of chemical and biological control. It was restated by Smith and Reynolds in 1965 "as a pest population management system that utilizes all suitable techniques in a compatible manner to reduce pest populations and maintain them at levels below those causing economic injury." For the purpose of vector control the word vector can be substituted for pest and for economic injury we can substitute transmission of disease or serious annoyance.

The term "pest management" was coined by Geir and Clark in 1959 and viewed by them as a label to emphasize the comprehensive nature of the approach and to underline its preoccupation with ecological realities.

Since many mosquito and vector con-

trol programs have long been based on what now can be termed integrated vector population management, the value of using the term is to focus our efforts on properly meshing a wide variety of techniques, emphasize the ecological realities involved and to enhance communication among vector control agencies, the general public and authorities responsible for decision making and funding.

The word control is frequently used and we anticipate it will continue to be used by workers in the field. However, control suggests the notion of finality, an assuredness of efficacy that in fact does not exist. Management conveys the concept of continuous process, it implies that vectors are inherent components of the ecosystem that must be dealt with on a continuous knowledgeable basis. Management, embracing the concept of disease transmission threshold, focuses on controlling the harm and is less subject to misunderstanding. The preference of management to control is based on semantics but it is important to public understanding.

We can now define Integrated Vector Management as an ecological approach to the protection of man and domestic animals that integrates methodologies of various disciplines and control techniques into a compatible and complementary management strategy that recognizes the environmental, health, economic and social needs of man.

One committee member (Dr. Aitken) noted correctly that the definition does not really meet one of our objectives, namely being useful for vector control in developing countries, and suggested a manual explaining how to go about controlling various vector species might be useful. The task does require a considerable amount of work and is presented to the officers and directors for their consideration.

## RECOMMENDATIONS

1. Revise and bring up to date Bulletin No. 2.
2. Compile a list of members who wish to serve as consultants for organizations such as WHO and AID and have a curriculum 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.
3. 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.
4. 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.
5. The A.M.C.A. newsletter should contain, if possible, a listing of international meetings related to vector control and members encouraged to attend.
6. 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.
7. 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 E. Graham, Chairman

## ATTACHMENT NO. 12

## Report Of The Resolutions Committee

## RESOLUTION NO. 1

WHEREAS, the 35th annual meeting of the American Mosquito Control Association is being held April 8 through 12, 1979, in Washington, D.C., as guests of the Mid-Atlantic 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: Robert M. Altman and Stanley Joseph, Co-Chairmen; Robert K. Washino, Program Chairman; Robert M. Altman, Exhibits; Jean Altman, Chairperson for ladies' committee; Charles L. Bailey, Publicity; Fred Kutz, Local Program; Wade Fowler, Entertainment; and John Reinert, 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 these 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 the Capital Hilton Hotel has provided excellent facilities for this 35th meeting,

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

## RESOLUTION NO. 5

WHEREAS, mosquito control workers have a need for quality training programs in mosquito biology, identification, ecology, the epidemiology of vector borne diseases, and in new and improved mosquito control techniques, and

WHEREAS, the Vector Biology and Control Division of the Center for Disease Control, U.S. Public Health Service, Atlanta, Georgia, has provided this important training for many years, therefore

BE IT RESOLVED that the members of the American Mosquito Control Association give special recognition and appreciation to the CDC for this exceptional contribution of national and international importance.

## RESOLUTION NO. 6

WHEREAS, Thomas D. Mulhern has for several years served as the Executive Director of the American Mosquito Control Association, and

WHEREAS, since the very first organization meeting, Tommy has been unstinting in his devotion to the affairs of the association, having served for a number of years as its first Secretary-Treasurer, being always mindful of economies and constantly in tune to the public relations aspects and other needs of the association membership, and

WHEREAS, Tommy has always been helpful and prompt in his advice and assistance to the officers and members of the association when such official information was needed, and

WHEREAS, Thomas D. Mulhern has retired from service as Executive Director, as of this meeting, to enjoy a life of relative ease, and

WHEREAS, Tommy's wise council and devoted service will be sorely missed in his official capacity as will the personal contact with him, therefore

BE IT RESOLVED, that all the members hereby express their appreciation to Tommy Mulhern for his outstanding contribution and for his many years of dedicated service to the American Mosquito Control Association, and

BE IT STILL FURTHER RESOLVED, that a copy of this resolution be presented to Tommy as an ongoing and lasting expression of the appreciation and affection extended them by all members of the American Mosquito Control Association.

#### RESOLUTION NO. 7

WHEREAS, Richard "Dick" F. Peters retired in December 1978 from the California State Bureau of Vector Control after 38 years service, and

WHEREAS, Dick's contribution to mosquito control as Chief, Bureau of Vector Control, California State Department of Health; President AMCA; President, California Mosquito Control Association; WHO consultant and many other positions of responsibility are nationally and internationally known, therefore

BE IT RESOLVED that the members of the American Mosquito Control Association recognize Dick's many years of dedicated service and wish him continued success in the years ahead.

#### RESOLUTION NO. 8

WHEREAS, Dr. Don Murray recently retired after 30 years as manager of the Delta Vector Control District, and

WHEREAS, Don served as Secretary of the California Mosquito Control Association for 20 years and Treasurer of the AMCA for 14 years, and

WHEREAS, Don's illustrious career as a military and civilian entomologist, is marked by numerous accomplishments, therefore

BE IT RESOLVED that the members of the AMCA recognize these accomplishments and wish Don every success in the future.

#### RESOLUTION NO. 9

WHEREAS, Dr. William E. Bickley retired in July 1978 as Professor of Entomology at the University of Maryland after more than 30 years of faithful service, and

WHEREAS, Bill's contributions as educator and scientist are attested to by his membership in many scientific societies, authorship of numerous scientific publications and the 50 graduate students whom he advised and saw through to completion of Master's or PhD Degrees, and

WHEREAS, Bill has served as President of the AMCA and is Editor of *Mosquito News*, and

WHEREAS, with his keen abilities as an editor he has continued to improve the scientific quality of our association's journal, therefore

BE IT RESOLVED, that the American Mosquito Control Association acknowledge Bill's many accomplishments and contributions to this association and to mosquito control throughout the world, and

BE IT FURTHER RESOLVED, that the members of AMCA extend to Bill our best wishes for good health and happiness and many more productive years with AMCA.

#### RESOLUTION NO. 10

WHEREAS, Rowland E. Dorer recently retired as Director of the Commonwealth of Virginia, Department of Health,

Bureau of Solid Waste and Vector Control, and

WHEREAS, Rollie's accomplishments and leadership in solid waste management and vector control are well known, and

WHEREAS, Rollie's abilities have been recognized by this association and many other associations to which he was elected president, therefore

BE IT RESOLVED, that the membership of the AMCA convey to Rollie our heartfelt thanks for his many years of support and leadership and wish him many fruitful years of retirement.

#### RESOLUTION NO. 11

WHEREAS, Dr. William R. Horsfall recently retired after 30 years as Teacher, Educator, Advisor, and Scientist at the University of Illinois, and

WHEREAS, Dr. Horsfall served as consultant to The Illinois Mosquito Control Association and Abatement Districts in the State of Illinois for 30 years, and

WHEREAS, Dr. Horsfall's illustrious and productive career as a military and civilian entomologist, is marked by numerous achievements, therefore,

BE IT RESOLVED, that the members of the American Mosquito Control Association recognize those achievements and wish Dr. Horsfall many more years of success in the future.

#### RESOLUTION NO. 12

WHEREAS, Dr. J. D. Gillett, one of the world's great mosquito experts, and a pioneer worker in yellow fever gave our association's first Memorial Lecture, titled "Out for Blood," and

WHEREAS, Dr. Gillett's lecture was one of the highlights of the 1979 annual meeting, therefore

BE IT RESOLVED, that the AMCA membership recognize Dr. Gillett's superb presentation and convey our sincere appreciation to him for making the first

Memorial Lecture an outstanding feature of our meeting.

#### RESOLUTION NO. 13

WHEREAS, Austin W. Morrill, Jr., has been editor of "News and Notes" in *Mosquito News* for 26 years, and

WHEREAS, Austin has enlightened *Mosquito News* readers with interesting news about members and events in his own unique and witty style, and

WHEREAS, the continuation of "News and Notes" as an integral part of *Mosquito News* is dependent upon the membership for news items of interest, therefore

BE IT RESOLVED that the AMCA recognize Austin's valuable contribution both for historical value and reading enjoyment and that we convey to him our sincere appreciation for his efforts, and

BE IT FURTHER RESOLVED that all members be urged to support "News and Notes" by sending to Austin news items of interest to the membership.

#### RESOLUTION NO. 14

WHEREAS, the American Mosquito Control Association was saddened by the sudden and unexpected loss of several of its members who have made significant contributions to our knowledge of mosquitoes and mosquito control, and

WHEREAS, members of the AMCA will miss their presence in the years to come, therefore

BE IT RESOLVED that the members of the AMCA recognize posthumously the contributions of James M. Bradley, Virginia; Captain John D. Decoursey, MSC, USN (Retired), Maryland; J. G. Foyle, Texas; Daniel M. Jobbins, New Jersey; R. L. Suhrbier, Illinois; L. Colin Curtis, Canada; and Vernon Conant, New Jersey; and express our deepest regrets and sympathy to members of the families.

Respectfully submitted,  
John A. Mulrennan, Jr., Chairman

## ATTACHMENT NO. 13

## Report Of The Public Relations Committee

The highlight of Public Relations accomplishments this year was the publication of the color brochure prepared by Harry D. Pratt and entitled "Mosquitoes and Their Control in the United States." Chevron granted AMCA \$5,000 for this project.

The following list of Public Relations activities which have been initiated or suggested during the past 2 years are presented in order of descending priority:

**PRIORITY 1:** Development of a 35 mm slide series and narrative script on "Mosquito Control in Texas and Louisiana" being coordinated by Robert M. Shelton.

*Background:* This slide series is to serve as a prototype for the development of similar series for the other regions of the United States. These series when completed will be made available to any interested agency, institution, group, or party that desires to present a short program to the general public on mosquito control as it pertains to their area of the United States.

*Status:* The initial prototype slide series and narrative text are complete and are presently in need of critical review and editing by the PR Committee and other interested parties as to its general design and technical content. Certain of the slides presently included in the series need to be replaced with ones that better depict the instructional points being made.

Once the above is accomplished, a decision will have to be made whether or not the script should be put on cassette tapes timed so as to correspond with the slide sequence or remain as a printed narrative text which can be used by a person presenting the program. The chairman suggests that both approaches be taken so as to avoid problems in the use of the program that might arise as the result of limited access to audio-visual aid equipment by potential users.

Estimates on the costs for producing

and reproducing the prototype series have yet to be made and this, along with a search for a company or agency to produce the program and a source of funds to support the program's production and reproduction, will be the primary task of the PR Committee during the coming year.

**PRIORITY 2:** Preparation of a list of guidelines on public relation activities that can be accomplished by mosquito control districts and agencies.

*Background:* It is felt that there are many MAD's that do not have well developed public relation programs and that AMCA could provide a service to these Districts by supplying them with a set of guidelines which they could use to better advertise their programs and enlist public support. The source of these guidelines would be MAD's who have developed successful PR programs.

*Status:* Brad B. Anderson reportedly developed a series of 500-word articles dealing with successful public relation activities during 1977 which were to be published one by one in the AMCA Newsletter during 1978. Whether or not this was accomplished is unknown to the present chairman of the PR Committee. If it has not been accomplished, the PR Committee will seek out these articles or develop new ones as time allows, and begin (or continue, as the case may be) submitting them to the Newsletter as proposed.

**PRIORITY 3:** Seek out means by which AMCA might have a more favorable impact on the media concerning its annual meeting.

*Background:* Annual meetings of the Association often receive little or no attention by the mass media. In light of the important service that mosquito control agencies provide to the public and recent political moves and decisions that have been made which stand to severely hamper (or even eliminate) the ability of these agencies to continue to effectively provide this public service, it is now more

important than ever that the positive side of mosquito control be made better known to the general public through the mass media. Better media coverage of the national AMCA meeting is one way that this can be accomplished since reporters would have immediate access to leaders and official spokesmen for mosquito control as well as to the others founded in the operational aspects of our profession. The media would also have an opportunity to view the exhibits and update themselves on the equipment, approaches, and literature that is used in support of mosquito control efforts.

*Status:* To date, this activity has not been developed much beyond the idea stage save for the efforts put forth by local arrangement committees and other individuals interested personally in this aspect of PR. It is proposed that the committee develop a list of suggested ways that better coverage of our Association's meeting can be accomplished as soon as possible and to test out the most feasible of the ideas at the Association's 1980 meeting. In the development of these ideas, the committee should consider such things as a designated time (early in the meeting) when the press is invited to come and meet with key AMCA officials and tour the exhibits. Perhaps an adaptation of the "Press Day" concept used by the Extension Service might serve our needs in this regard. Also, attention should be paid to developing means by which highlights of the meeting and notes particularly referencing participation in the meeting by MAD personnel from a given area could be sent, or otherwise made available, to the media outlets that cover the area where the given MAD personnel reside and work. A means for providing similar highlights of the meeting for inclusion in the AMCA Newsletter is also needed. Other suggestions or thoughts on this matter will be appreciated.

**PRIORITY 4:** Develop a color movie film on mosquito control.

*Background:* This is yet another approach to providing a vehicle which can

be used by agencies, schools and special interest groups to better inform the general public about mosquito control and its benefits. The information presented in the film should be such that it complements that information covered by the brochure and the slide series being developed.

*Status:* The PR Committee is uncertain of the present status of this activity. A review of the existing files indicate that a special committee chaired by Glenn Stokes was to coordinate the preparation and funding of the film. An update on the progress of this committee is required before our committee can proceed. Harry Pratt has indicated a willingness to remain active on this project if it is so desired and suggests that the "Wayne Miller" film (Ft. Myers, Fla.) be used as the prototype for the development of the new film. It has also been suggested by several people that all efforts be made to use footage from the variety of other mosquito control films that already exist to develop the new film so as to reduce the time and cost that will be required. Additional input and suggestions from the Association on this matter will be appreciated.

**PRIORITY 5:** Assemble a bibliography of audio-visual material on mosquitoes and mosquito control.

*Background:* A number of people have expressed a desire for a quick and ready reference as to the audio-visual material that exists specifically for mosquitoes and their control. This material could be used to supplement that prepared or being prepared by the Association.

*Status:* Little progress has been made on this activity beyond the gathering of a number of film and filmstrip catalogs which include audio-visual material that pertains to mosquitoes. These catalogs need to be reviewed and checked out as to whether or not the materials listed are still available to the public for purchase or rent. Only a limited amount of time will be spent on this activity in the coming year in light of the other projects which presently have higher priority unless otherwise instructed by the Association.

**PRIORITY 6:** Other suggestions noted in the review of existing files:

- a. Location of suitable cartoon-type material depicting modern mosquito control.

This was suggested by Executive Director Mulhern, but more background is needed by the PR Committee before it can proceed on this activity. It is assumed that the cartoon booklet "Mosquitoes" written and illustrated by Katherine A. Moore satisfies the need perceived by Mr. Mulhern at least in part. It would not hurt to periodically readvertise the availability of this booklet in the AMCA Newsletter.

- b. Development of alternate slogans

that might be used by the Association.

This suggestion was also submitted by Mr. Mulhern and more background is needed before the PR Committee can begin to act on it.

The Committee requests the Board of Directors to review this list carefully and give the Committee direction on the objectives and priorities that have been suggested.

Respectfully submitted,  
Jimmy K. Olson, Chairman

## ATTACHMENT NO. 14

### Report Of The Membership Committee

The following procedures and activities were completed in the course of the 1978 AMCA Membership Recruitment Campaign:

1. Form letter to selected current AMCA members requesting that they submit names and addresses of non-member associates who might represent good prospects to solicit for membership.

2. Letters to, and soliciting membership of selected regional mosquito abatement district trustees.

3. Letters to selected regional mosquito abatement and vector control directors soliciting cooperation and participation in recruiting commissioners, members of boards of trustees and other policy-making boards.

4. Cordial letters of appreciation to, and soliciting membership of advertisers in *Mosquito News*.

5. Cordial letters of appreciation to, and soliciting membership of selected exhibitors at the Washington, D.C., April 8-11 meeting of the AMCA.

6. Strong personal membership appeals (general assemblies where applicable) by AMCA Membership Committee members at pertinent conventions, meetings and gatherings when possible, as well as initiating numerous regular, personal

and telephone contacts in the interests of promoting increased membership.

7. Appealing, aggressive displays soliciting membership at pertinent regional meetings, where possible, with membership applications and explanations readily available.

In addition, mailings of letters soliciting AMCA membership were forwarded to non-member individuals affiliated with, or participating in the following:

8. Registration list of delegates to the Annual Meeting of the AMCA in Chicago, Illinois, April 17-20.

9. Registration list of the Annual Meeting of the Louisiana Mosquito Control Association, 1978.

10. All non-member authors having published in *Mosquito News*.

11. Selected personnel of numerous organized mosquito/vector control districts.

12. Selected individuals representing academic resource personnel.

13. All persons recommended via the mails, by current AMCA members as good potential candidates for AMCA membership.

AMCA Membership Committee Cost Expenditures For The 1978 Recruitment Campaign:



Reimbursable budget expenditures through 1978 for costs of postage, printing, envelopes, etc., were inclusive of \$339.19. Significant quantities of envelopes and other materials used in 1978 had been purchased in 1977 with funds having been disbursed during that previous year. Unclaimed expenditures of at least \$200.00 were made by committee members for materials, telephone calls, etc. related to membership recruitment.

*Total Expenditure For 1978: \$339.19 Reimbursable, \$539.19 Total (Approximate)*

#### RECOMMENDATIONS FOR FUTURE AMCA MEMBERSHIP COMMITTEE ACTIVITIES

1. For 1979 and succeeding years, great emphasis should continue to be placed upon personal solicitation for new memberships by committee members and others commissioned by them to do the same. This should be emphasized in view of steadily increasing costs for postage, printing, materials, etc., as well as greater expense to potential new members due to the recent increase in membership and subscription rates. 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 new recruitment. This is especially true when those public encounters are followed up with the liberal circulation of membership and subscription applications, and a post-meeting word of encouragement and follow-up with those 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. Again, in the interests of even further expanding the scope and effectiveness of the recruitment program, it is recommended that the acting members of the AMCA Membership Committee request one or more select persons, in addition to themselves, to independently solicit new memberships at random, wherever possible throughout the region so

assigned. Such 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 entirely 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 might be submitted. Prior to their appointment, all persons selected for that duty should offer a firm commitment to the Regional Directors and Committee Chairman as to their desire to aggressively, 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. All members of the Membership Committee freely solicit ideas or suggestions from fellow AMCA members as per any means by which the efficacy of the recruitment program might be increased.

4. The current policy of Regional Directors serving collectively as the AMCA Membership Committee is recommended for the future.

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

6. 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 for 1979 and succeeding years.

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

8. Aggressive membership recruitment should still be a regular, serious topic at all national, regional and local mosquito and vector control meetings. Whenever possible, attractive displays and membership forms should be provided, with their

use and distribution supervised by an AMCA representative assigned to function in that capacity.

9. 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.

10. Wherever 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.

11. 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.

12. New membership recruitment should be continued, vigorously, immediately after the 1979 Washington, D.C. Annual Meeting.

13. *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. 15

### Report of the Operational Articles Committee

For the past five years the Operational Articles Committee has worked to stimulate operational articles to be published in *Mosquito News*. Each member of the committee was again asked to solicit operational articles for AMCA from a mailing list sent to each member by the chairman. Several fine articles were received, reviewed and published by the editor. It is felt by most that these operational articles are extremely beneficial to the readers of *Mosquito News*.

Operational articles that deal with down to earth problems such as equipment modification, field techniques, operational procedures, source reduction and biological control are most helpful to those involved in general vector control work.

It is hoped that these types of articles will be solicited and more will be contained in *Mosquito News* in the future. It is very difficult to measure the success of

the Operational Articles Committee activities this past year, because many articles could have been sent directly to the Editor without knowledge of the committee. It is also not known if a backlog of articles exists, because of the committee's efforts.

#### *Activities of the Committee:*

1. Letters written by chairman—45
2. Letters written by committee—not known
3. Telephone calls—5
4. Personal contacts—none
5. Operational articles reviewed—6
6. Committee budget for 1979—\$100.00

#### *Recommendations for Operational Articles Committee 1979*

1. Solicit operational articles in *Mosquito News* and in all AMCA News Letters. (This was done in AMCA News Letters)
2. Work with Regional Directors and State Assn. Presidents.

3. More correspondence between the committee, AMCA officers, and the editor of *Mosquito News*.

4. It is recommended that the chairman of Operational Articles Committee be an individual who can attend the yearly AMCA conferences and communicate directly with the officers and editorial staff on a more familiar basis.

5. *Committee Chairman Recommendations.*

It is again recommended that a new committee be created and be called the Operational Articles Sifting Committee. Duties: 1) Review operational articles that need extra help and information. 2) Work directly with the Operational Articles Committee and Editor's office.

Respectfully submitted,  
J. Larry Nielsen, Chairman

#### ATTACHMENT NO. 16a\*

##### Proposed Amendment AMCA Bylaws

AMCA Bylaws, Article IV, Section 2:b

b. *Nomination and Election of Regional Directors.*—The Executive Director shall consult all regional, state, and/or local mosquito control associations in the particular region for regional director candidates. Each association may recommend one candidate based on his/her active participation in AMCA, active involvement in mosquito control research and/or operational work, active participation in local, state or regional associations, good health, and willingness to work as a regional director. Any group of ten or more members from a region may also recommend a candidate for consideration.

The name and credentials of each candidate will be sent to the regional nominating committee, care of the Executive Director. The regional nominating committee shall consist of the AMCA Executive Director, and two appointees designated by the concerned regional director (when possible the two regional appointees shall not be from the same state, province, island, etc). The regional director shall designate the committee chairman.

The regional nominating committee shall then screen each candidate and shall select two of these candidates as nominees and direct that their names be submitted

on a ballot to the AMCA membership within that region for voting. When there are not more than two candidates recommended to the committee, the nominating committee may fill the ballot at its discretion. A space shall also be provided on the ballot for a write-in candidate.

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.

Ballots shall then be returned directly to the Executive Director for counting at an announced time and place so that any AMCA member may attend.

The nominee receiving the greatest number of votes shall be elected. Should there be a tie, the regional nominating committee shall vote off the tie. In the event the office of Regional Director is vacated, it shall be filled for the unexpired term by one appointed by the Board of Directors.

The Regional Director shall be advised of his/her election by the Executive Director. The newly elected Regional Director shall be expected during his/her tenure of office, to attend the annual business meetings during the annual meetings and interim board meetings, and to represent the region throughout the term of office in all matters pertaining to the Association.

The members of the Nominating Committee may be reimbursed by the

\* The above will replace Section 2-b in its entirety (see AMCA Bylaws, MOSQUITO NEWS, Vol. 35, No. 2, Pg. 238).

Association for all necessary telephone, office, and printing expenses incurred in the election of the Regional Director. An itemized statement of these expenditures shall be submitted to the Executive Di-

rector and shall be paid subject to his approval. Expenses other than those listed above shall not be reimbursable unless approved in advance by the Board of Directors.

#### ATTACHMENT NO. 16b

##### Proposed Addition AMCA Bylaws

###### AMCA Bylaws, Article III, Section 1

e. Student Member.—Any undergraduate or graduate student enrolled in a recognized college or university, and taking at least one-half full schedule on a school year basis as defined by the college, is eligible for Student Membership. A student must be certified as meeting these requirements by the head of the department concerned or the student's major

instructor. This must be done both at the time of application and at each renewal date. Post-doctoral fellows or students are not eligible for student membership.

Student members shall pay annual dues as set by the Board of Directors; shall receive *Mosquito News* and enjoy the same privileges and carry the same responsibilities as members of the Association.

#### ATTACHMENT NO. 16c

##### Proposed Addition AMCA Bylaws

###### AMCA Bylaws, Article III, Section 1

f. Sustaining Member.—Any agency, group, or individual that is interested in furthering the efforts of the American Mosquito Control Association may become a sustaining member of the Association upon payment to the Executive Di-

rector a lump sum set by the Board of Directors but not less than \$250.00 per year.

Sustaining members shall be entitled to being listed in each issue of *Mosquito News* and in the program of the Annual Meeting.

#### ATTACHMENT NO. 16d

##### Proposed Addition AMCA Bylaws

###### AMCA Bylaws, Article IV, Section 2:b

"The time table for the nomination of candidates, mailing of ballots, notification of election, and announcement of results to the membership, for regional directors shall whenever possible be in accordance

with the schedules established for the nomination and election of officers set forth in Articles VII and VIII of these Bylaws."

#### ATTACHMENT NO. 16e

##### Proposed Addition AMCA Bylaws

###### AMCA Bylaws, Article VIII

"The unmarked envelopes containing the ballots will be opened and tallied beginning at 1:00 pm on the first Monday after February 1 by the Executive Di-

rector in company of at least two other officers or directors of the Association, or their designee(s)."

MINUTES OF THE FIRST MEETING OF THE 1979-1980 BOARD OF DIRECTORS, APRIL 11, 1979, WASHINGTON, D.C.

1. President Stokes called the meeting to order at 1:10 pm.

2. *Roll Call*: Officers Present: Glenn M. Stokes, Robert K. Washino, Claude H. Schmidt, Paul J. Hunt, Lewis T. Nielsen, W.D. Murray. Directors Present: Blair V. Helson, Frederick H. Lesser, Richard C. Axtell, E.E. Fetzer, Max V. Meisch, John E. Lloyd, Peter Belton, Gilbert L. Challet, Marco E.C. Giglioli. Directors Absent: Frank L. Wilson. Also Present: William E. Bickley, David E. Reed, Henry R. Rupp, Harold C. Chapman, Linda Shields, Margaret Slater, T. Wayne Miller, Richard F. Peters.

3. *Agenda changes*—none requested.

4. *Executive Director*. President Stokes noted that W. Donald Murray was appointed Executive Director at the Sunday, April 8, meeting of the previous Board of Directors.

5. *1980 Committee Appointments*. The complete list was presented to the Board by President Stokes (Attachment #1).

A special committee, the Historical Museum Committee, was created to set up the historical museum at Rutgers University. A Program Evaluation Committee is new, its purpose is to look objectively at the program and to suggest improvements, with hope for input into the next meeting at Salt Lake City.

About 45 slides were submitted to this year's Photo Salon. Some of the slides were not of the best quality and some of the best slides available were not submitted. Anyone with suggestions should contact Committee Chairman, Frank Wilson or President Stokes.

The AMCA Foundation Advisory Board is a new committee, with 5 members from separate regions, with the President and Executive Director as ex-officio members.

Another new committee, the AMCA Historical Records Committee, will start soliciting and cataloging the available historical records. Also, a photographer should be obtained at the Utah meetings

to provide photographs for historical records.

The AMCA Ethics Committee, with Jay Graham as the sole member, will develop an AMCA Code of Ethics for the Board's consideration. It may be modeled after the American Registry of Professional Entomologist's Code of Ethics.

Lewis Nielsen moved, seconded by Richard Axtell and approved unanimously, that the committee appointments be accepted.

6. a. *Future Meetings*. After discussion, Paul Hunt moved, seconded by Gilbert Challet and approved unanimously, that the 3 ½ day meeting be continued for the Utah Conference, and because of the hotel arrangements in Texas, California and Florida the meetings for these 3 years may return to 2 ½ or 3 days.

b. Special appointment of E.E. Fetzer to 1979 Board. Peter Belton moved, seconded by Robert Washino and approved unanimously, that E.E. Fetzer be reappointed and requested to hold an election for the new Director for the North Central Region within 3 months. The new Regional Director when elected will be encouraged to attend the Interim Board Meeting in October.

c. Lewis Nielsen requested guidance relative to the hour the opening session at Utah should start on Monday. Richard Axtell moved, seconded by Gilbert Challet and approved unanimously, that the starting time should be the same as at the present conference.

d. Relative to the 1984 conference, after discussion Paul Hunt moved, seconded by Lewis Nielsen and approved unanimously, that the Board defer choosing a site, but ask Canada to offer a proposal and this and any other proposals be presented at the Interim Board Meeting.

7. *Good Neighbor Club*. After lengthy discussion Paul Hunt moved, seconded by Gilbert Challet and approved unanimously that this be referred to the World-Wide Committee and recom-

mendations be presented at the Interim Board Meeting.

8. *Financial Support Committee*. Public Health Pesticides Report. Donald Weidhaas is Chairman of a 3 man committee on the Pesticide Report. The committee will submit it to the Board within the next few months and then give it to *Pest Control Magazine* for publication.

9. *Budget 1979*. During discussion, Lewis Nielsen moved, seconded by Robert Washino and approved unanimously, that W. Donald Murray as Executive Director be compensated at the same rate as the previous Executive Director. Richard Axtell moved, seconded by Paul Hunt and approved unanimously, that the remuneration for the Editor of *Mosquito News* be increased to \$1,000 for 1979. After further discussion and minor modifications, Marco Giglioli moved, seconded by Claude Schmidt and accepted unanimously, the 1979 Budget was approved (Attachment #2).

10. *Old Business*. Henry Rupp proposed that Bulletin #1 by Professor Norman Akesson be approved for financing and be published. He urged that an appendix on spray drop sizing should be included. Richard Axtell moved, seconded by Frederick Lesser and approved unanimously, that the Executive Director make arrangements for the printing and publication of this bulletin after approval of publication by the Publications Committee.

#### 11. *New Business*.

a. Interim Board Meeting. President Stokes noted he had received several suggestions for time and place. He indicated he would consider the proposals and send a notice as soon as possible. He suggested that tentatively the Board members should note the dates of October 15, 16 and 17 in Utah, but that the matter was still open and would be settled within a few weeks.

b. 14th Pacific Science Conference in Russia Aug. 20 to Sept. 5, 1979. Paul Hunt had received a letter requesting that he attend, but he declined because of funding. He suggested that Donald

Weidhaas might be able to attend and could represent AMCA without funding from AMCA. President Stokes was requested to determine whether any other U.S. agency might be able to provide funds for Dr. Weidhaas.

c. Charges for subscriptions vs membership dues. William Bickley noted that AMCA is one of the very few non-profit societies which is not charging more for non-member subscriptions than for membership dues. The present equal charge was the result of a demand by the Internal Revenue Service when a classification of 501 (c) (3), a non-profit scientific association, was requested. After discussion, it was the consensus that the Executive Director keep this under vigilance, and, if a 2-tier system would be legal, it should be considered.

d. Videotape 16 mm film on mosquito control. Gilbert Challet requested \$1,000 from the Board in order to develop a script and to determine the feasibility of using videotape to develop a film on mosquito control. After lengthy discussion Lewis Nielsen moved, seconded by Robert Washino and duly approved, this was referred to the Financial Support Committee, with a report to be presented at the Interim Board Meeting.

e. *Mosquito News* Index. David Reed requested guidance on the type of index which AMCA desired. After discussion, it was the consensus of the Board that this be referred to the Editorial Board which should give a report at the Interim Board Meeting.

f. Forthcoming article by Lewis Nielsen in September issue of *National Geographic*. Dr. Nielsen stated that his article would include among other items mosquito emerging, disease aspects, and biological control. He noted that *National Geographic* sells the entire magazine for \$1.25 but could arrange for a price of about \$.85 each to AMCA. Richard Axtell moved, seconded by Robert Washino and approved unanimously, that AMCA purchase a suitable number and resell them to AMCA members. Details will be worked out by the Executive Director. An

announcement will be included in the News Letter.

g. Henry Rupp reported that the Editorial Board of Bulletin No. 9 is preparing to issue this bulletin in an 8 1/2 x 11 format, covering aircraft, aircraft attachments, truck-mounted sprayers and hand-carried equipment. A format would be sent to the manufacturers to assure the desirability of the material presented and

to encourage a payment of \$25 each to support the printing costs. Frederick Lesser moved, seconded by Peter Belton and approved unanimously that the committee be authorized to proceed with this format, to try to secure advertising at \$25 per item, and to report at the Interim Board Meeting.

12. *Adjournment.* President Stokes declared the meeting adjourned at 5:05 pm.

#### ATTACHMENT NO. 1

#### AMCA COMMITTEES FOR THE 1979-80 YEAR

(Expiration of appointment is indicated after name)

##### STANDING COMMITTEES

###### *Editorial Board—Mosquito News*

Harold C. Chapman (1980), Chairman, USDA-ARS, Avenue J Chennault, Lake Charles, La. 70601

Donald J. Sutherland (1980), Mosq. Res. & Cont., NJ Agric. Expt. Station, PO Box 231, New Brunswick, NJ 08903

Richard O. Hayes (1981), 700 E. Elizabeth St., Ft. Collins, CO. 80521

Bettina Rosay (1981), 130 S. 13th East, Apt. 811, Salt Lake City, UT 84102

Roy Rings, (1982) 2438 Christmas Run Boulevard, Wooster, Ohio 44691

###### *Editorial Board—Mosquito Systematics*

James B. Kitzmiller. (1980), Chairman, Florida Med. Entom. Lab., PO Box 520, Vero Beach, FL 32960

Roy Ellis (1980), City Entom., Parks/Protection Div., City of Winnipeg, 2799 Roblin Blvd. Winnipeg, Manitoba, Canada R3R 0B8

Theodore A. Wolff (1980), Rt. 1, Box 12-C, Santa Cruz, NM 87567

Christine Dahl, S 22362 Lund, Zool. Inst., Helgonavagen 3, Sweden

James J. Petersen, USDA, ARS, Ave. J Chennault, Lake Charles, La 70601 (1982)

###### *Publications Committee*

Henry R. Rupp (1980), Chairman, 1440

Mohawk Rd., North Brunswick, NJ 08902

Elizabeth Beck, Fla. State Bd. of Health, PO Box 210, Jacksonville, FL 32201 (1982)

Max V. Meisch (1982), University of Arkansas, Dept. of Entomology, Fayetteville ARK. 72701

John D. Edman (1980), Dept. of Entomology, Univ. of Mass., Amherst, MA 01002

Claude H. Schmidt (1980), ARS USDA, Rm. 419, Fed. Bldg. Post Office, Fargo, ND 58102

Marshall Laird (1981), Res. Unit on Vect. Pathology, Memorial Univ. of Newfoundland, St. Johns, Newfoundland, Canada A1C 5S7

James B. Kitzmiller (Chairman, Editorial Board, *Mosquito Systematics*)

Harold C. Chapman (Chairman, Editorial Board, *Mosquito News*)

Chester Lamar Meek, Dept. of Entom., Louisiana State University, Baton Rouge, LA. 70803 (1982)

Richard F. Darsie (1981), American Embassy/CARS, APO Miami 34023

###### *Finance and Policy Committee*

Steele R. Lunt (1980), Chairman, Dept. of Biology, Univ. of Nebraska at Omaha, Omaha, NE 68101

Robert Bartnett (1982), 14409 Misty Meadow, Houston, Texas 77024

Sam Riche' (1982) PO Box 209, Abbeville,  
LA 70510

Bruce Craven (1982), Building 6, Chen-  
nault, Lake Charles, LA 70601

Robert Armstrong (1981), Carlisle Rd.,  
Westford, MA 01886

Lewis T. Nielsen (1981), Univ. of Utah,  
Biology Dept., Salt Lake City, UT  
84112

Robert M. Altman (1980), Maryland  
Dept. Agric. Div. Plant Indust., College  
Park, MD 20742

R. E. Dorer (1980), Rm. 209, 401-A Col-  
ley Ave., Norfolk, VA 23507

Jay H. Linam (1980), Biology Dept.,  
Univ. Southern Colorado, Pueblo, CO  
81001

W. Donald Murray (AMCA Treasurer/  
Executive-Director), 1737 W. Houston,  
Ave., Visalia, CA 93277

#### *Membership Committee*

Mills Reeves, Jr., Chairman (1982) P.O.  
Box 10458, San Antonio, Texas 78210  
Regional Directors

#### *Legislative Committee*

Richard F. Peters (1980), Chairman, 209  
Farmhill Court, Danville, CA 94526

George T. Carmichael (1981), New Or-  
leans Mosq. Cont., 6601 Lakeshore Dr.,  
New Orleans, LA 70126

C. Anderson (1982), 7315 Montclair Dr.,  
Shreveport, LA 71105

J. M. Holiman, Jr. (1982), 419 Dory  
Street, Jackson, MS 39205

Jay E. Graham (1980), South Salt Lake  
MAD, PO Box 367, Midvale, UT 84047

John J. McColgan (1980), State Rec.  
Board, Dept. of Agric., 21st Fl. 100  
Cambridge Street, Boston, MA 02202

Andrew J. Rogers (1980), Apt. 139,  
Cimarron Apts., 830 Arlington River  
Dr., Jacksonville, FL 32211

William H. Wymer (1980), P.O. Box  
1761, Rockville, MD 20850

George S. Stains (1981), Coachella Valley  
MAD, 83-733 Ave. 55, Thermal, CA  
92274

#### *Nominating Committee*

Paul Hunt, Chairman, (1982), E. Volusia  
Mosq. Cont. Dist., Box 1855, Daytona  
Beach, FL 32015

Regional Directors

#### *Public Relations Committee*

Jimmy K. Olson, Chairman, (1980), Dept.  
of Entom., College of Agric. Texas  
A&M, College Station, Texas 77843

Russell E. Fontaine, (1982), Entomologist,  
Univ. of California, 322-C Briggs Hall,  
Davis, CA 95616

Douglas White (1982) Merced County  
MAD, 3478 Beachwood Drive, Merced,  
CA 95340

Harry D. Pratt (1981), 879 Glen Arden  
Way NE, Atlanta, GA 30306

Robert M. Shelton (1980), P.O. Box 458,  
Nederland, Texas 77627

Thomas Q. Fultz (1981), Chatham Co.,  
MCC, 1321 Eisenhower Dr., Savannah,  
GA 31406

John C. Kuschke (1981), Morris Co. MEC,  
PO Box 405, Morris Plains, NJ 07950

A. G. (Gordon) Dickie (1981), Box 661,  
Eugene, OR 97401

Charles Adams (1982) 572 Tahow Circle,  
Stone Mountain, GA 30083

#### *ByLaws Committee*

Robert B. Dreyer (1980), Chairman,  
Middlesex Co. MEC, 200 Parsonage  
Rd., Edison, NJ 08817

Thomas Q Fultz (1982), Chatham Co.  
MCC, 1321 Eisenhower Dr., Savannah,  
GA 31406

Gilbert Challet (1982), PO Box 87, Santa  
Ana, CA 92702

Steven V. Romney (1982), 639 West 1200  
South, Vernal, Utah 84078

Charles S. Apperson (1980), 2309 Gard-  
ner Hall, NC State Univ., Raleigh, NC  
27607

Chester G. Moore (1980), San Juan Labs.,  
CDC/PHS, San Juan, Puerto Rico  
00936

Glen Collett (1981), 463 N. Redwood Rd.,  
Salt Lake City, Ut 84116

James D. Gorman (1981), 4220 Tampa  
Bay Blvd., Tampa, FL 33614

Mir Mulla (1981), Univ. of California,  
Riverside, CA 92521



*Awards Committee*

- Paul Hunt, Chairman, E. Volusia Mosq. Cont. Dist., Box 1855, Daytona Beach, FL 32015
- Lewis T. Nielsen, Dept. of Biology, Univ. of Utah, Salt Lake City, UT 84112
- D. Bruce Francy, 5221 Apple Dr., Ft. Collins, CO 80521
- Harold C. Chapman, USDA-ARS, Avenue J, Chennault, Lake Charles, LA 70601
- Robert M. Altman, Maryland Dept. Agric., Div. Plant Indust., College Park, MD 20742

*World-Wide Committee*

- Eugene Gerberg, (1980), Chairman, 1330 Dillon Heights Ave., Baltimore, MD 21228
- Jay F. Graham (1980), South Salt Lake MAD, PO Box 367, Midvale, UT 84047
- M. E. C. Giglioli (1982), Mosq. Res. & Control Unit, Grand Cayman, Cayman Islands, WI
- R. Fontaine (1982), Entomologist, Univ. of California, 322-C Briggs Hall, Davis, CA 95616
- Marshall Laird (1982), Res. Unit on Vector Pathology, Memorial Univ. of Newfoundland, St. Johns, Newfoundland, Canada A1C 5S7
- Robert Linkfield (1982), 105 Mohawk Trail, Pines Lake, Wayne, NJ 07470
- J. P. Brooke (1980), Wellcome Foundation Ltd., Berkhansted, Herts, England
- Virendra Prasad Sinha (1980), M.I.G.H., 97 Lohianagar Patna-20, Bihar, India
- Thomas H. G. Aitken (1981), Yale Univ. Sch. of Med., 60 College St., New Haven, CT 06510
- Norman G. Gratz (1981), Vector Control WHO, Geneva, Switzerland
- U. Myo Paing (1981), c/o WHO Representative, 11 Goodlife Rd., Rangoon, Burma
- Thomas Breaud, U. S. Navy EPMU-7, Box 41, FPO, New York 09521

*Resolutions Committee*

- John A. Mulrennan, Jr. (1981), Chairman, Navy Dept. Bur. of Med. &

Surgery, (Code 553) Washington, D.C. 20372

- Khian K. Liem (1980), So. Cook So. MAD, 155th St. & Dixie Hwy., Harvey, IL 60426
- Maxcy Nolan (1981), College of Agric., Univ. of Georgia, Athens, GA 30602
- Brandt G. Watson (1982) Naples Mosq. Con. Dist., Box 7069, Naples, FL 33941
- Charles M. Keenan (1980), 2237 Hindle Lane, Bowie, MD 20715
- Rex W. Passey (1980), Davis Co. MAD, 85 N. 600 West, Kaysville, UT 84037
- Robert E. Barnett (1981), 14409 Misty Meadow, Houston, TX 77024
- James Long (1981), Biology Dept., Sam Houston State College, Huntsville, TX 77340
- Charles Palmisano (1982), St. Tammany Parish MAD #2, P. O. Box 696, Slidell, LA 70459

*Operational Articles Committee*

- Steven V. Romney (1982), Chairman, 639 West 1200 South, Vernal, Utah 84078
- Lawrence M. Rhodes (1982), PO Box 386, Palmetto, FL 33561
- Matthew Yates (1982), PO Box 33, Anahuac, TX 77514
- James R. Caton (1980), PO Box 2, Fresno, CA 93707
- Richard W. Lombardi (1980), 1721 Brookhaven Circle, Bedford, TX 76021
- Charles T. Palmisano (1980), St. Tammany Parish MAD #2, PO Box 696, Slidell, LA 70459
- Jack Salmela (1980), Brevard Mos. Cont. Dist., PO Box 728, Titusville, FL 32780
- John Beidler (1981), Indian River MCD, PO Box 670, Vero Beach, FL 32960
- Henry R. Rupp (1981), 1440 Mohawk Rd., North Brunswick, NJ 08902

*News letter Committee*

- Don J. Womeldorf (1982), Chairman, 7240 Nomad Way, Sacramento, CA 95828
- Donald J. Pletsch (1981), Calle Gabriel Mancera 418-D, Mexico, 12, D.F., Mexico
- Howard Greenfield (1980), PO Box 5037, Salinas, CA 93915

Frank Wilson (1982), PO Box 658, Eaton Park, FL 33840

David C. Baerg (1980), PO Box 3333, Balboa, Canal Zone

Roy Ellis, City Entom., Parks & Proct. Div., City of Winnipeg, 2799 Roblin Blvd., Winnipeg, Manitoba R3R 0B8, Canada (1980)

Roger J. Wood (1980), Dept. of Zoology, Univ. of Manchester, Manchester, England

Louis J. Ogden (1981), 539 Apple Blossom Lane, Ft. Collins, CO 80521

Charles Myers (1982), Editor, 5545 E. Shields Ave, Fresno, CA. 93727

### SPECIAL COMMITTEES

#### *Historical Museum Committee*

Robert Ostergaard, Chairman, Box 162, Eatontown, NJ 07724

W. Bruce Ezell, Jr., Dept. of Biology, The Citadel, Charleston, SC 29409

Stan Husted, 10879 Hijos Way, San Diego, CA 92124

T. Wayne Miller, Lee Co. MCD, PO Box 2237, Ft. Myers, FL 33902

Robert Sjogren, 1802 Como Ave., St. Paul, MN 55108

#### *Central Office Planning Committee*

Lewis T. Nielsen, Chairman, Dept. of Biology, Univ. of Utah, Salt Lake City, Ut 84112

John Combs, P.O. Box 891, Visalia, CA 93277

James R. Caton, P.O. Box 2, Fresno, CA 93707

Donald Merritt, Consolidated MAD, P.O. Box 278, Selma, CA 93662

Robert M. Altman, Maryland Dept. Agric. Div. Plant Indust., College Park, MD 20742

Paul Hunt, E. Volusia Mosq. Cont. Dist., Box 1855, Daytona Beach, FL 32010

Richard F. Peters, 209 Farmhill Court, Danville, CA 94526

*AMCA Steering Committee for 1980 Salt Lake City Meeting with Utah Mosquito Abatement Assoc.*

Claude Schmidt, Vice-President, AMCA, Program Chairman

Glenn M. Stokes, President, AMCA (Ex-officio)

Don Murray, Executive Director, AMCA (Ex-officio)

#### *General Appointments*

1. Program Chairman, 1980, Claude Schmidt, Vice-President; G. Collett, Co-Chairman

2. Representatives to National Fish and Wildlife Council, Fred Lesser, Ocean Co. Mosq. Exterm. Comm., PO Box 327, Barnegat, NJ 08005 and Frank J. Murphey, Dept. Entomology, 249 Agric. Hall, Univ. of Delaware, Newark, DE 19711

#### 3. AMCA Bulletins

No. 1—The Use of Aircraft in Mosquito Control  
Norman B. Akesson, Agric. Eng. Dept. Univ. of Calif., Davis, CA 95616

No. 2—Ground Equipment for Mosquito Control  
Carl Rathburn, Jr., West Florida Arthropod Res. Lab., P.O. Box 2326, Panama City, Florida 32401

No. 6—BioControl of Mosquitoes  
Harold C. Chapman, USDA, ARS, Avenue J Chennault, Lake Charles LA 70601

No. 7—Identification of North American Mosquitoes,  
Richard F. Darsie, American Embassy/CARS, APO Miami 34023

Ronald A. Ward, NHB 165, Smithsonian Inst., Washington, DC 20560

No. 8—*Mosquito News* Index  
David Reed, 1421 R St., Firebaugh, CA 93622

No. 9—Directory of Mosquito Control Equipment, Materials & Services

Gilbert Challet, Orange Co. Vect. Cont. Dist., P.O. Box 87, Santa Ana, CA 92702

Marco Enrico C. Giglioli,  
Mosq. Res. & Control Unit,  
Grand Cayman, Cayman Is-  
lands, West Indies

4. AMCA Librarian and Custodian of Publications, Donald A. Merritt, Consolidated MAD, P. O. Box 278, Selma, CA 93662
5. Local Arrangements for Salt Lake City Meeting, Glen Collett, Co-Chairman Lewis Nielsen

*Program Evaluation Committee (Washington D.C. Meeting)*

Claude Schmidt, Chairman, ARS, USDA, Room 419, Federal Building, Post Office, Fargo, ND 58102

Gilbert Challet, Orange County Vector Control District, P.O. Box 87, Santa Ana, CA 92702

Robert Dreyer, Middlesex County MEC, 200 Parsonage Rd., Edison, NJ 08817

*Photo Salon 1980*

Frank Wilson, P.O. Box 658, Eaton Park, FL 33840

*Financial Support Committee*

George T. Carmichael, Chairman, New Orleans Mosquito Control, 6601 Lakeshore Dr., New Orleans, Louisiana 70126

Marvin Kramer, P.O. Box 446, Clarksburg, CA 95612

Robert E. Lucas, 975 California Street, Palo Alto, CA 94304

Robert J. Novak, Department of Biology, University of Notre Dame, Notre Dame, IN 46556

Reed Roberts, 355 East 6th North, Logan, UT 84321

John J. McColgan, State Rec. Board, Department of Agriculture, 21st fl., 100 Cambridge St., Boston, MA 02202

*AMCA Foundation Advisory Board*

Marvin Kramer, Chairman, P.O. Box 446, Clarksburg, CA 95612

Claude Schmidt, ARS, USDA, Room 419, Federal Building, Post Office, Fargo ND 58102

Lamar Meek, Department of Entomology, Louisiana State University, Baton Rouge, LA 70803

Robert Sjogren, 1802 Como Ave., St. Paul MN 55108

John C. Kuschke, Morris County MEC, P.O. Box 405, Morris Plains, NJ 07950

Glenn M. Stokes, Ex-Officio, Jefferson Parish Mosquito Control, 118 David Drive, Metairie, Louisiana 70003

W. D. Murray, 1737 W. Houston Ave., Visalia, CA 93277 (Ex-Officio)

*AMCA Historical Records Committee*

Lamar Meek, Chairman, Department of Entomology, Louisiana State University, Baton Rouge, LA. 70803

Stuart McCausland, 3508 Silina Drive, Virginia Beach, VA 23452

Michael D. Chambers, 4848 Pontchartrain #11, Slidell, LA. 70458

*AMCA Ethics Committee*

Jay Graham, South Salt Lake MAD, PO Box 367, Midvale, UT 84047 (1980)

ATTACHMENT NO. 2  
1979 Approved Budget

RECEIPTS		1978	1978	1979
Acct. No.	Description	Budget	Receipts	Budget
401.1	Dues	\$ 30,500	\$ 23,158.17	\$ 35,000
401.2	Subscriptions	12,000	12,011.26	14,500
402	Advertising	10,000	15,788.72	14,500
403	Reprints	6,000	9,373.00	7,500
404	Back issues <i>Mosquito News</i>	2,000	2,080.26	500
405	NIH grant	18,000	18,460.00	18,000
406	Miscellaneous	200	668.26	200
407	Annual meeting	5,000	6,819.59	4,000
408	Bulletins	1,500	574.72	1,000
409	Page charges	10,000	13,342.50	12,500
410.1	Dividends to checking	3,500	2,796.00	2,759
	Interest in savings		2,060.78	2,000
410.2	Return of investment	1,000	1,116.80	1,100
411	<i>Mosquito Systematics</i>	3,000	6,919.27	5,000
412	Sales Tax	25	41.01	35
413	Sale of misc. publications	7,000	2,508.55	6,500
414	Tax exempt grants & foundations	10,500	6,500.00	5,000
420	Agency income	1,200	1,462.00	1,200
		\$121,425	\$125,680.89	\$131,294

1979 Approved Budget

EXPENDITURES		1978	1978	1979
Acct. No.	Description	Budget	Expenditures	Budget
500	Publication Expenditures			
501.1	<i>Mosquito News</i> printing	\$36,000	\$34,042.02	\$37,000
501.2	<i>Mosquito News</i> mailing	2,000	1,283.95	2,000
502	<i>Mosquito News</i> reprints	4,500	7,484.33	7,000
503	Editor, comm. & supplies	1,000	500.00	600
504	Editor, clerical help	2,500	2,000.00	2,250
505	Editor, travel expenses	679	709.40	550
506	Editor, remuneration	600	600.00	1,000
508	Reprint back issues MN	1,200	1,903.50	400
509	Bulletins	4,000	—	4,500
510	<i>Mosquito Systematics</i>	5,500	6,245.23	6,500
511	Special publications	11,500	2,627.99	11,500
	Publications subtotal	\$69,479	\$57,396.42	\$73,300
525	Executive office expenditures			
526	Postage & phone	3,000	4,125.60	3,500
527	Forms & printing	1,800	1,975.34	2,000
528	Office supplies	1,800	1,331.74	1,800
529.1	Staff travel	5,000	4,275.53	5,000
529.2	Car allowance	1,800	1,800.00	1,800
530	Clerical	15,000	17,254.94	19,500
531	Fidelity bond	42	42.00	42
533	Ex. Dir. remuneration	4,000	4,000.00	4,000
534	Capital	1,300	1,265.83	—
	Executive Office Subtotals	\$33,742	\$36,070.98	\$37,642

## 1979 Approved Budget

<i>EXPENDITURES</i>		1978	1978	1979
Acct. No.	Description	Budget	Expenditures	Budget
550	Treasurer Office			
551	Clerical & supplies	\$ 150	\$ 233.00	\$ 200
552	Audit	500	510.00	500
553	Travel	374	350.00	—0—
554	Fidelity bond	—0—	—0—	—0—
	Treasurer subtotal	\$ 1,024	\$ 1,093.00	\$ 700
600	General expenses			
601	Committee expenses	1,800	594.34	680
602	NIH grant	18,000	18,357.00	18,000
603	President's office	1,000	1,091.25	1,300
605	Regional expenses	300	74.65	300
606	Miscellaneous expenses	750	41.90	2,000
607	Payroll taxes	1,200	1,483.77	1,600
610	Sales tax	50	26.08	50
620	Agency costs	1,000	1,243.40	1,200
	General Expenses Subtotals	24,100	22,912.39	25,130
	<b>TOTAL ALL EXPENDITURES</b>	<b>\$128,345</b>	<b>\$117,472.79</b>	<b>\$136,772</b>

AMCA PRESIDENTS AND THEIR WIVES AT THE WASHINGTON MEETING  
Courtesy of W. D. Murray



Fig. 1. Left to right: Paul Hunt, Becky Hunt



Fig. 2. Left to right: Yvonne Stokes, Glenn Stokes

PICTURES FROM THE WASHINGTON MEETING  
Courtesy of W. D. Murray



Fig. 3. Left to right: Bob Altman, Jean Altman, Louise Joseph, Stan Joseph

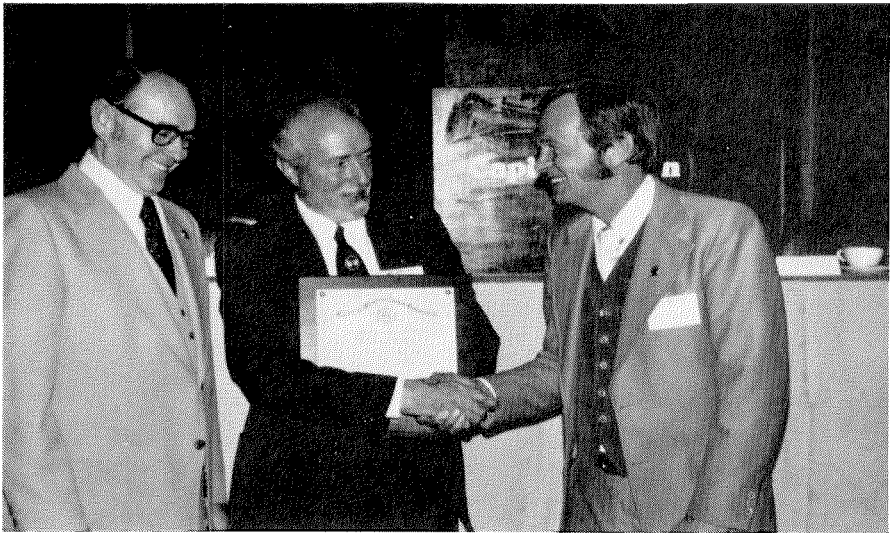


Fig. 4. Left to right, Paul Hunt, David Gillett, Lew Nielsen