

MINUTES OF THE 15th ANNUAL MEETING OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION

SALT LAKE CITY, UTAH, APRIL 12-15, 1959

RECORDED AND REPORTED BY A. F. GEIB

A meeting of the Board of Directors of the American Mosquito Control Association was convened at the Hotel Utah, Salt Lake City, Utah, 10:30 a.m., April 12, 1959, by Association President Commander John M. Hirst. Present were John M. Hirst, President; Archie Hess, President-elect; D. M. Jobbins, Vice President; T. G. Raley, Executive Secretary; L. W. Smith, Treasurer; A. F. Geib, Recording Secretary; Robert L. Vannote, National Advisor; Regional Directors—W. E. Bickley, S. E. Central; Vernon Conant, N. Atlantic; C. F. Scheel, N. E. Central; C. Donald Grant, S. Pacific; Osmond P. Brefand, S. W. Central; Jay E. Graham, N. W. Central.

Absent were: Regional Directors—J. A. Mulrennan, S. Atlantic; Laverne S. Miller, N. Pacific; Dr. B. Hocking, Canada; and Dr. Louis Vargas, Mexico, Central and South America.

Others Present: Committeemen and others from time to time—Don Collins, Harry Stage, Bruce Brockway, Francis Creadon, T. A. Schoenfeld, Don Rees, Ernestine Thurman, Dick Peters, Howard Greenfield, Glen Collett, Thomas Mulhern, Chet Robinson, Russell Gies, Geo. McDougall and James A. Nelson.

It was moved by Hess that the minutes of the 14th Annual Meeting of the AMCA be approved as published in the June 1958 issue of *Mosquito News*; seconded by Jobbins; carried.

Mr. Schoenfeld, Director of the Salt Lake City Mosquito Abatement District, presented AMCA President John Hirst with a suitably inscribed gavel, a gift to the AMCA from the Salt Lake City M.A.D. On behalf of the AMCA, President Hirst thanked the Salt Lake City District for this most appropriate gift.

President Hirst appointed the following to the Resolutions Committee: Glen Col-

lett, Chairman; Howard Greenfield, Dr. A. J. Rogers, Geo. R. Hayes and Patrick Nakagawa, Members.

Report of the President: Attachment #1.

Report of the Nominating Committee. Submitted by Chairman Lindquist. Attachment #2.

Report on the Association financial affairs and audit of accounts, by Treasurer L. W. Smith. Attachment #3.

Report from Committee on Finance, Charles F. Scheel, Chairman. Attachment #4.

Scheel submitted proposed budget for 1959 and moved its adoption; seconded by Conant; carried. Attachment #5.

Report from Editor of *Mosquito News*, Don Collins. Attachment #6.

Grant moved acceptance of report; seconded by Conant; carried.

Report of Program Committee, Hess, Chairman. Attachment #7. Program was developed from questionnaires sent early in the year. Operational subjects were emphasized. Jobbins moved acceptance of report; seconded by Grant; carried.

Hess reported that a balance of \$49.59 remained from the \$100.00 allotted to develop program. From this balance he requested approval to use \$23.90 to pay for an AMCA speaker's podium which he had had constructed. In turn, he offered to contribute an additional \$10.00 to the Good Neighbor Club. Raley moved approval; seconded by Scheel; carried.

Report on Local Arrangements not presented at this business session, as Chairman Glen Collett was absent.

Report of Committee on Sales of Advertising Space by Francis Creadon, Chairman. Attachment #8.

Mr. Creadon commented upon the importance of *Mosquito News* issues being published on time because of advertisers'

interests. He also urged everyone to submit to him names of potential advertisers. Bickley moved acceptance of report and commendation for a job so well done; seconded by Jobbins; carried.

President Hirst reported there was a good prospect of organized control activities developing at a rapid pace in the 50th State, Hawaii. There seemed to be a good potential for advertising here. He would submit a list of prospects to Mr. Creadon at an early date.

Meeting recessed at 12 noon, to reconvene 1:15 p.m.

Meeting reconvened at 1:30 p.m.

Report from Committee on Good Neighbor Club, Ernestine Thurman, Chairman. Attachment #9. Hess moved acceptance of report; seconded by Grant; carried.

Report from Committee on Miscellaneous Publications, Howard Greenfield, Chairman. Attachment #10.

Reported that the Committee had been working on Bulletin #4, and real progress made. All previous work has been reviewed and consolidated except one chapter. It should be available shortly for review by the full committee and then by the Board. Jobbins moved acceptance of report; seconded by Conant; carried.

Report from Committee on Sale of Miscellaneous Publications, Jay Grabam, Chairman. Attachment #11. Raley moved acceptance of report; seconded by Lindquist; carried.

Report from Committee on Miscellaneous Publications, Chairman Chris Williamson absent. Attachment #12. Report read by Raley. Raley moved acceptance of report; seconded by Hess; carried.

Report from committee on Membership, P. Bruce Brockway, Jr., Chairman. Attachment #13. Scheel moved acceptance of report; seconded by Jobbins; carried.

President Hirst introduced James A. Nelson, Editor of *Pest Control*, attending full sessions of AMCA meetings.

Report from the Committee on Public Relations, R. E. Dorer, Chairman, absent. Attachment #14. Reviewed by Commit-

teeman Grant. Bickley moved acceptance of report; seconded by Jobbins; carried.

Bickley read a letter received from Senator Hubert H. Humphrey, U. S. Senate; Chairman Sub-committee on Reorganization and International Organizations. Senator Humphrey's letter requested information on AMCA activities in the field of international health and research leading to improved health conditions throughout the world. President Hirst requested AMCA National Advisor and Chairman of Public Relations Committee to reply to Senator Humphrey, outlining activities of AMCA as related to international health. Bickley's personal reply to Senator Humphrey is presented as attachment 14a.

Report from Committee on Research and Development, William C. McDuffie, Chairman, absent. Attachment #15. Submitted by Lindquist. Lindquist moved acceptance, seconded by Bickley; carried. Lindquist questioned need for continuing committee, its activities, and reporting each year. No action.

Report from Historical Committee, Chairman Harold Gray, absent. Committeeman Mulhern reported review almost completed. Will be ready in a few days and available for publication in *Mosquito News*. No action.

Report from Committee on Bylaws, Chairman Bailey Pepper, absent. Attachment #16. Report presented by Raley. Bickley moved acceptance of report; seconded by Geib; carried.

Report from Committee on Legislation, Chairman John Mulrennan, absent. Report read by Raley. Attachment #17. No action necessary.

Report from National Advisor, R. L. Vannote, Attachment #18. Jobbins moved acceptance of report; seconded by Geib; carried.

Bickley moved that the President appoint an AMCA representative to the proposed coordinating Committee for Wildlife and Mosquito Control; seconded by Scheel. Motion withdrawn.

Appointment of this Committeeman and Representative to Minneapolis Metropoli-

tan Area withheld for designation by incoming President. President directed Van-note and Collins meet to consider potential of Ford Foundation sponsorship of AMCA projects.

Report of Ways and Means Committee by Dick Peters, Chairman. Raley moved acceptance of report; seconded by Hess; carried. Peters noted that committee had received no instructions and functioned as an exploratory rather than action group. The committee had solicited opinions from members of the Association, which were abstracted or quoted verbatim in 12 pages of typed manuscript. In view of its length the report was not read in its entirety.

Report from the Executive Secretary, T. G. Raley. Highlights on the activities of the Executive Secretary and Board actions during the year.

1. Board action by mail on new members and appointments.
2. Association insignia pins available to members.
3. Second class mail privileges approved for distribution of *Mosquito News*—should result in some savings to AMCA. At present there are 455 foreign accounts.
4. Recommended that the Association develop and provide the Secretary with an Official Seal. President Hirst appointed Conant to investigate and determine what type of seal would be most suitable.
5. Reiterated need for back issues of *Mosquito News*. Please send Executive Secretary all extra copies. Particularly in need of copies of joint AMCA and Virginia Association meetings held at Virginia Beach in 1950.
6. Suggested the use of a mail ballot procedure for membership committee when soliciting new members.
7. Encourages Ways and Means Committee to be continued.
8. Intends to compile a new list of all mosquito control agencies. Would like to have data concerning any new agencies formed in the past two years.
9. Association has 7 honorary members—25 exchange accounts.
10. Suggests the possibility of rotating

the office of Executive Secretary so that others might be able to serve in this capacity.

President Hirst expressed thanks to everyone for all the help given in support of the Association, with special commendation for Raley, Executive Secretary.

Old Business—none.

New Business.

Report on invitations to hold 1960, 61 and 62 Annual Meetings of the AMCA.

Dr. Breland extended an invitation from the Gulf Coast Association to hold its next (1960) Annual Meeting at Galveston, Texas.

Executive Secretary read letter of invitation from the Northeastern Association, inviting the AMCA to hold its 1960 meeting in Boston, Massachusetts.

Executive Secretary read a wire from the California Mosquito Control Association inviting the AMCA to hold its 1961 meeting at Disneyland, California, or its 1962 meeting in the San Francisco Bay region.

Mr. Rapp, Nebraska, personally extended an invitation for the AMCA to hold its next (1960) meeting at Lincoln, Nebraska. He noted that there is no formal mosquito control association or agencies in Nebraska, but there is an interested group at Lincoln, willing to underwrite the AMCA meeting.

Decision to determine site of the 1960 Annual AMCA Meeting is left to the jurisdiction of the incoming board. No action taken.

Meeting adjourned at 4:05 p.m.

GENERAL BUSINESS MEETING—AMERICAN MOSQUITO CONTROL ASSOCIATION

Tuesday, April 14, 1959; 4:50 p.m.

Meeting called to order by President Hirst. Following activities reviewed and actions taken:

1. *Mosquito News* Editor, Collins, reviewed report submitted earlier (Attachment #6). He praised and commended the work of Associate Editors Mrs. Durkee, Miss Sollers, Dr. McDuffie and Austin Morrill, and Advertising Manager Francis

Creadon. He requested an increased number of operational and scientific reports to better represent these fields, for *Mosquito News*.

2. Local Arrangements Committee Chairman, Glen Collett, reported 296 registrations for this conference.

3. President Hirst called attention to and commended the Ways and Means Committee for an outstanding job. He suggested their work be a guide for future AMCA activities.

4. Report from Miscellaneous Publications Committee, Howard Greenfield, Chairman. Attachment #10.

5. Treasurer's Report, Lester Smith. Attachment #3. Explained value of and need for Assistant Treasurer.

6. Report from Resolutions Committee, Glen Collett, Chairman. Attachment #19.

7. Report from Committee of Good Neighbor Club, Ernestine Thurman, Chairman. Attachment #9.

8. Report from Bylaws Committee, Bailey Pepper, Chairman. Attachment #16.

9. Nominating Committee, Chairman Lindquist, presented following slate in nomination for AMCA officers for 1959. Attachment #2.

R. E. Bellamy moved the nominations be closed; seconded by D. J. Schliesmann; carried. President Hirst entertained a motion that a unanimous vote be cast in favor of the officers submitted by the Nominating Committee. It was so moved by Gardner McFarland; seconded by D. J. Schliesmann; carried.

10. Executive Secretary Report, T. G. Raley.

a. Noted that approval had been granted for distribution of *Mosquito News* as second class mail.

b. Noted that during the year action of the Board by mail ballot had seated Osmond P. Breland as Director from the S.W. Central Region, replacing Don Micks, resigned; approved Bruce Brockway, Jr. as Chairman, Membership Committee, replacing Don Johnson, resigned;

increased the budget for *Mosquito News* by \$800.00; approved travel expense for Association Officers as follows: Advertising Manager, \$100, Executive Secretary, \$100, Treasurer, \$150, Editor, \$150, and accepted all new members joining this past year.

Raley moved acceptance of these Board actions during the year; seconded by Hess; carried.

c. Requested extra or unwanted back issues of *Mosquito News* be mailed to the office of the Executive Secretary.

11. President Hirst extended a warm welcome for everyone to visit Hawaii. Anyone having the opportunity to do so, please look up either him or Pat Nakagawa for some true Hawaiian hospitality. He thanked all for their wonderful and helpful cooperation during his term of office and expressed appreciation for being able to serve as President of the Association.

Meeting adjourned at 5:30 p.m.

MINUTES—BUSINESS MEETING—BOARD OF DIRECTORS—AMCA, 5 p.m., April 15, 1959, Salt Lake City, Utah

Present: Hess, Raley, Jobbins, Vannote, Smith, Conant, Lindquist, Geib, Breland, Brockway, Collins, Bickley, Durkee, Graham, Hirst, Rees, Dorer, Rapp, Creadon and Mulhern.

Absent: Scheel, Mulrennan, Grant, Miller, Hocking and Vargas.

President Hess opened the meeting with discussion regarding new Program Committee. Breland moved Bickley be Chairman and Jobbins Vice Chairman; seconded by Conant; carried.

Jobbins moved Hirst be Chairman of the Nominating Committee, and submit list of members of Committee to Board of Directors by mail for consideration and approval; seconded by Breland; carried.

Hirst moved that the report of the Nominating Committee (a list of the nominees) be published in the *Mosquito News* issue prior to the Annual Meeting; seconded by Breland; carried.

Discussion was held concerning objec-

tives and functions of standing Committee on Publication of *Mosquito News*. Hirst suggested that the membership of this committee be presented to the Board of Directors for review and their approval before appointment. Concurrence with no action.

Discussion held regarding need for continuance of Legislative Committee. Agreed there might be need of action of committee on legislative matters, even though there appeared to be no legislative problems at present. Hess to consider membership of this committee.

Discussion concerning need for continuing Standing Committee on Research and Development. Hirst praised this year's committee report, McDuffie, Chairman. Attachment #15. Recommended composition of Committee be modified slightly to include an operational and commercial representative in addition to having a person as chairman with wide-spread international contacts, such as Tony Brown. No action.

Consideration of Committee on Finance. Hess opinion and general consensus that it was most important that Mr. Scheel continue as Chairman. No action.

Consideration of Special Committee on Sale of Miscellaneous Publications. Committee Chairman Jay Graham recommended the Committee be discontinued until such time as it might again be needed. No committee to be appointed this year.

Discussion concerning Committee on Miscellaneous Publications. Recommended to continue existing Committee until Bulletin #4 is completed.

Consideration of Bylaws Committee. Hess proposed Dick Peters as Chairman with new members for coming year.

Discussion concerning Public Relations Committee. No action.

Consideration of Committee on Membership. Bruce Brockway accepted appointment as Chairman, with Pat Nakagawa as assistant, requested suggestions for membership.

Discussion regarding Committee on Advertising Space. Creadon reappointed

Chairman and will submit list of potential Committeemen to Hess.

President Hess asked that the Board Members study his proposal, "The AMCA broaden the base and scope of its interest to cover all vector problems and activities," and requested written opinions at an early date from members regarding such a possibility.

Discussion regarding Historical Committee. Requested that the Committee on Publication of *Mosquito News* review the completed history of the Association before its publication. Historical Committee to be discontinued.

Discussion concerning Ways and Means Committee. It was suggested that the Committee name be changed to President's Advisory Committee, with all Past Presidents as members. No action.

Consideration of Good Neighbor Committee. Ernestine Thurman reappointed Chairman.

Discussion concerning Editor, Associates and Staff for *Mosquito News*.

Lester Smith suggested that his office or Scheel's office be notified, not later than January, what miscellaneous expenses will be needed by Thurman, Durkee, etc.

The Chair entertained a motion that Don Collins and his Staff be reappointed. It was so moved by Hirst; seconded by Smith; carried.

Don Collins commended McDuffie on his work in reviewing technical papers presented for publication in *Mosquito News*.

Don Collins inquired about authority of his office to edit papers submitted for publication in *Mosquito News*. Bickley moved that the Editor of *Mosquito News* be instructed to condense at his discretion, with the aid of the Standing Committee on Publication of *Mosquito News*, and approval of the author, any material presented for publication in *Mosquito News*; seconded by Raley; carried.

President Hess reappointed R. L. Vannote National Advisor; unanimously approved. Hess commended Vannote highly for developing the Wildlife Conference recently held in Washington, D. C.

Vannote suggested that the AMCA, under the National Director's guidance, might like to sponsor an annual wildlife meeting in cooperation with interested agencies and groups and possibly include field trips. He reported that such a field trip along with local meetings, has been tentatively scheduled for the Minneapolis area in early October, under National Advisor sponsorship. He was instructed to develop a plan for such meetings and submit to the Board for later consideration.

Discussion held concerning office of Treasurer and Assistant Treasurer. The Chair entertained a motion to reappoint Mr. Thom, of Lester Smith's office, as Assistant Treasurer. It was so moved by Jobbins; seconded by Hirst; carried.

The Executive Secretary suggested that the President write a letter of commendation to Walter Henderson for his handling of the AMCA library the past several years. Unanimous approval.

Discussion concerning publication of the Proceedings of the 15th Annual Meeting of the AMCA. Jay Graham moved the publication be a joint proceedings of the AMCA and the UMCA in the June and September issues of *Mosquito News* and contain suitable acknowledgment; seconded by Conant; carried.

Consideration of location for 1960: 16th Annual Meetings of AMCA.

Breland extended an invitation from the Gulf Coast Mosquito Control Association to the AMCA to hold either its 1960, 1961, or 1962 Annual Meetings at Galveston, Texas.

Bill Rapp extended an invitation for the AMCA to hold its 1960 Annual Meetings at Lincoln, Nebraska. He noted that adequate facilities and financing would be made available under the Health Department auspices.

Invitation was again reviewed from the Northeastern Mosquito Control Association to hold the 1960 AMCA Meetings at Boston, Mass.

Discussion followed concerning the merit and advisability of setting dates and locations, at least tentatively, for 3 years in advance.

The Chair entertained a motion that the next Annual Meeting of the AMCA, 1960, be held at Boston, Mass. Hirst so moved; seconded by Bickley; carried.

The Chair entertained motions that this Board recommend to following Boards that the 1961 Annual AMCA Meetings be held in Southern California, the 1962 meetings in Galveston, Texas, and the 1963 Meetings, in New Jersey. These motions were seconded and carried.

The Executive Secretary was instructed to correspond with the Northeastern Mosquito Control Association to establish a meeting date for the 1960 Meetings, sometime during late March or early April.

Bickley moved that travel funds be authorized to certain Association Officers to attend the 1960 Meetings as follows: Executive Secretary \$200; Treasurer \$100; Advertising Manager, \$100; Editor, \$100; seconded by Breland; carried.

Consideration of AMCA representative for proposed Wildlife Committee. Bickley moved that Vannote be the AMCA representative for the proposed committee; seconded by Jobbins; carried.

Hess requested consideration of appointment of Board member from the Southeast Central Region to succeed W. E. Bickley, newly voted Vice President of the AMCA. Hirst moved appointment of Col. Bunn as Board Member from the Southeast Central Region; seconded by Breland; carried.

Breland recommended that the new Program Chairman give consideration to:

1. Fewer technical papers for next program.
2. Trustees have separate meeting room to discuss problems of mutual interest.
3. Group meetings be held concurrently covering different subjects.

Meetings adjourned 7:40 p.m.

ATTACHMENT #1

REPORT OF THE PRESIDENT

The files of the President became richer by more than 1200 letters which were answered by more than 1600 letters during the last 14 months.

Items of business transacted each month since the last meeting were reviewed. These included the following:

In May 1958, P. Bruce Brockway, Jr. and Patrick Nakagawa were appointed as co-chairmen of the Membership Committee, to replace Don Johnson who had resigned because of other duties and commitments.

In June 1958 Dr. Don Micks resigned as director of the Southwest Central Region, and Dr. Osmond P. Breland was appointed to fill out his term.

In July 1958, the treasurer received a check for \$1,678.37 from Dr. W. E. Bickley—all the assets from the 14th annual meeting in Washington. Net to AMCA was \$1,527.37. Congratulations, Bickley, Dorer, and their associates.

In August 1958, after considerable written discussion the Board of Directors was asked to increase the budget of *Mosquito News* by \$800.00. Increased printing costs, increased number of copies printed, increased postage charges, made this upward revision necessary. This increase was approved in October.

Also in August, the president sent 120 letters to various members to ask for suggestions and criticisms, especially concerning raising funds, reducing costs, election of officers, etc.

In January 1959, the Board approved the use of travel funds as follows: \$100.00 for Advertising Manager; \$150 for Editor; \$150.00 for Treasurer; \$100.00 for Executive Secretary.

Much other routine business was transacted, most of it evident in the reports of committees which form attachments to the minutes.

The level of success attained by the American Mosquito Control Association, Inc., in the last 15 months will be judged by these committee reports. I am very proud to have had this opportunity to serve as President. I am deeply indebted to those who groomed me for this high office. I sincerely appreciate all those members who served me so faithfully; and, I am most happy that the United

States Navy has allowed me the valuable experience, for to serve you as your President has made it possible for me to serve better in my assigned duties. My family and my friends made sacrifices and gave me confidence in my decisions. To all these and to all of you I am most grateful.

—JOHN M. HIRST

ATTACHMENT #2

REPORT OF NOMINATING COMMITTEE, 1959

The Nominating Committee was appointed by the President and the Board of Directors on February 26, 1958 at the annual AMCA meeting in Washington, D. C. Following the usual procedure the Committee was canvassed by mail for suggestions relative to national officers and regional directors for 1959.

After suggestions were received ballots were sent to the Committee members who voted unanimously for the following slate:

President, A. D. Hess
 President-Elect, D. Manley Jobbins
 Vice-President, William E. Bickley
 Executive Secretary (2 yrs.), T. G. Raley
 Treasurer (2 yrs.), Lester W. Smith

Regional Directors:

North Atlantic—Vernon Conant
 Southeast Central—Wm. E. Bickley
 Northeast Central—Chas. F. Scheel
 South Pacific—C. Donald Grant
 Canada—B. Hocking

Respectfully submitted,

A. W. LINDQUIST
Chairman

Committee members:

EDMUND J. STANSFIELD
 C. T. WILLIAMSON
 WILLIAM W. WARNER
 W. J. BUCHANAN
 GLEN C. COLLETT
 PAUL R. MEYER
 GAINES W. EDDY
 G. EDWIN WASHBURN
 H. P. S. GILLETTE

ATTACHMENT #3

AMERICAN MOSQUITO CONTROL ASSOCIATION

METUCHEN, NEW JERSEY

SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS

Treasurer's Account, January 1, 1958 to November 26, 1958

RECEIPTS	General Account	Special Publications
Balance on deposit—January 1, 1958		\$ 1,927.30
Dues and subscriptions	\$ 5,904.25	
Advertising	2,348.57	
Back issues	70.00	
Reprints	1,377.69	
Good Neighbor Club	530.00	
Bulletins	55.50	
Mailing lists	33.89	
Exhibits Committee—14th Annual Meeting	1,678.37	
	<u>11,998.27</u>	
	18,346.03	<u>1,927.30</u>
DISBURSEMENTS		
Printing of Mosquito News, reprints and mailing charges	10,951.35	
Office supplies, expenses, etc.	372.39	
Postage	181.93	
Fidelity bond	5.00	
Traveling expenses	500.00	
Purchase of emblems	192.50	
Examination of Treasurer's records	75.00	
Refund to subscriber	3.75	
Bank charges	3.34	
Checks returned	26.75	0
	<u>12,312.01</u>	
Balance—November 26, 1958 (on deposit—Commonwealth Bank of Metuchen, Metuchen, New Jersey)		\$ 1,927.30
	<u>\$ 6,034.02</u>	<u>\$ 1,927.30</u>

ATTACHMENT #4

REPORT OF STANDING COMMITTEE
ON FINANCE

The basic function of the Standing Committee on Finance is that of giving thought to the development of practical methods which may assist in returning additional revenue to the association. Further, in its 1958 report at Washington, D. C., the committee emphasized an equally important, if not more fundamental, role in its responsibilities—that of considering measures which might lead to further development and growth.

It is presumed, as mentioned in an earlier report, that we are a dedicated group with a special interest in all phases of mosquito biology and control, and must recognize that we are performing a highly important public service. The influence of an organization such as the AMCA could easily determine the value or effectiveness of this service by the part it plays in encouraging research and fostering sound techniques of control.

To do this requires skill, talent, perseverance and, last but not least, financial means.

The Finance Committee, in its 1958

report, offered a number of suggestions in these general categories. This committee desires that it be kept informed of any action resulting from its recommendations, so that it can take further further steps to improve its functioning. (Additional copies of the 1958 report may be had on request).

Respectfully submitted,
 ROBERT L. ARMSTRONG
 J. RAY BARRON
 EUGENE J. GERBERG
 G. EDWIN WASHBURN
 CHARLES F. SCHEEL, *Chairman*

ATTACHMENT #5

PROPOSED BUDGET—1959

RECEIPTS

	Actual— 1958	Estimated— 1959
Dues and Subscriptions	\$ 5,904.25	\$ 6,350.00
Advertising	2,348.57	2,350.00
Reprints	1,377.69	1,000.00
Sale of Bulletins and Back Issues	125.50	100.00
Exhibits, Commercial and Contributions	1,678.37	1,400.00
Good Neighbor Club	530.00	500.00
Mailing List	33.89	0.00
	<u>\$11,998.27</u>	<u>\$11,700.00</u>

EXPENDITURES

<i>Mosquito News</i> (4 Issues)	\$ 9,768.88	\$ 9,500.00
Reprints and Mis- cellaneous Printing	1,142.47	1,000.00
Office Supplies	372.39	372.39
Postage	181.93	181.93
Fidelity Bond	5.00	5.00
Traveling Expense	500.00	500.00
Emblems	192.50	0.00
Audit	75.00	75.00
Refund to Subscribers	3.75	
Bank Charges	3.34	50.00
Returned Checks	26.75	
	<u>\$12,312.01</u>	<u>\$11,684.32</u>

ATTACHMENT #7

REPORT OF PROGRAM COMMITTEE,
 AMERICAN MOSQUITO CONTROL
 ASSOCIATION

The program for the annual meetings of the American Mosquito Control Association held in Salt Lake City, April 13-15, 1959, was developed from comments and suggestions received in reply to a questionnaire mailed to 205 members of the Association. A second questionnaire was sent to 162 mosquito abatement agencies throughout the United States to obtain topics for discussion at an informal "operations clinic." An attempt was made to develop a program which would be of interest to operational and commercial as well as technical members of the Association. To accomplish this, maximum use was made of invitational speakers and informal discussion periods. Routine sessions of submitted papers were kept to a minimum.

A special effort was also made to have the program printed and mailed out to all members of the Association at least two weeks before the time of the meetings.

There follows a brief financial statement of the Program Committee:

RECEIPTS

1. Check from Lester W. Smith I-23-59	\$100.00
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EXPENDITURES

1. Postage for questionnaire No. 1	\$ 8.20
2. Postage and envelopes questionnaire No. 2	11.10
3. Postage remainder of year	24.37
Total for postage and stationery	<u>\$43.67</u>
Telephone calls	6.74
4. Speaker's podium	23.90
Total expenditures	<u>\$74.31</u> <u>74.31</u>
<i>Balance on Hand</i>	\$ 25.69

A. D. HESS

ATTACHMENT #6

EDITOR'S REPORT

Report on Volume 18, *Mosquito News*

Issue	No. Printed		No. Pages		Cost		
	Vol. 17	Vol. 18	Vol. 17	Vol. 18	Vol. 17	Vol. 18	
March	1450	1650	84*	68*	\$1917.26	\$1774.43	
June	1450	1650	88	152	1846.69	3278.85	
September	1450	1650	116	104	2331.26	2260.16	
December	1500	1650	120	92	2454.44	2301.91	
Totals	5850	6600	408	416	\$8549.65	\$9615.35	
Payments by authors and/or agencies for extra pages and complete articles							-461.80
							\$9153.55

* Includes Index

	No. Pages	
	Vol. 17	Vol. 18
Proceedings	131	103½
Articles	115	144½
Oper. and Scie. Notes	4	5½
Editorial	3	1½
Association News	24	29½
News and Notes	15	17
Reviews and Abstracts	6	6
Bibliography	31	34½
Advertising	75	68
Miscellaneous	4	6
Total	408	416

Statistics for volumes 18 and 17 of *Mosquito News* are presented herewith. From these, interested readers can make various comparisons. Attention is called to points of special interest relative to costs. The cost per copy of both volumes 17 and 18 was about \$1.46. If each copy costs \$1.46, and we print 1650 copies of each issue as we did last year, the budget will have to be about \$9,600.00 in 1959-60. Mailing cost will be less, since we now mail under second class privileges. The March 1959 issue was the first to be mailed under this arrangement.

DONALD L. COLLINS, *Editor*

ATTACHMENT #10

REPORT OF MISCELLANEOUS PUBLICATIONS
COMMITTEE

The principal task assigned to this Committee was to evaluate and ready for publication Bulletin No. 4 which is titled, "Organization for Mosquito Control." Accordingly, the Committee reorganized the Bulletin extensively, but made little or no changes in the content or scope.

After reviewing the work done during the year, the Committee determined that Bulletin 4 should be sent to one individual for editing prior to printing. Harold Farnsworth Gray was recommended for

this honor. The Committee contacted Mr. Gray who kindly consented to accept the responsibility.

The Committee also stated that they would continue to assist Mr. Gray in any way possible in preparing Bulletin 4 for publication.

Respectfully submitted,
HOWARD R. GREENFIELD,
Chairman
THOMAS MULHERN
C. DONALD GRANT
FRANKLIN C. WRAY

ATTACHMENT #9

REPORT OF COMMITTEE, GOOD NEIGHBOR CLUB

During 1958-1959 there were 127 names on the list of Good Neighbors, an increase of 3 over the previous year. Ten elected to pay own dues; 4 canceled. There were 92 paid subscriptions, 16 of them new. Twenty-one Good Neighbors are as yet unsponsored. Thus, there are 113 Good Neighbors for 1959 to date.

During last year there were 58 Sponsors. Currently there are 51 Sponsors, 10 of whom are new, including 9 companies (4 new); 15 MAD and MEC (new); 27 individuals (4 new).

The financial status is as follows:

Operating Fund

Balance Forwarded, 6/5/58	\$126.73	
Receipts	465.00	
	<hr/>	
	\$591.73	\$591.73

Expenditures

Letterheads	\$ 15.50	
Typist	50.00	
Postage	23.27	
	<hr/>	
	\$ 88.77	\$ 88.77

Check to AMCA, 4/9/59	\$445.00	\$502.96	\$502.96
			<hr/>
Balance in Bank			\$ 57.96
Paid directly to AMCA	\$ 15.00		

ERNESTINE B. THURMAN,
Chairman

ATTACHMENT #12

REPORT OF COMMITTEE ON MISCELLANEOUS PUBLICATIONS

C. T. WILLIAMS, *Chairman*

GENERAL STATEMENT, December 31, 1958

Bulletin	Number of Copies Sold	Accounts Paid	Accounts Outstanding
1 & 2	1570	\$3062.00	\$ 65.50
3	870	1644.00	74.00

CHECKING ACCOUNT

Balance as of January 1, 1958	\$548.11
Total deposits for the year 1958	+336.33
	<hr/>
	\$884.44
Total expenditures for the year 1958	-506.61*
	<hr/>
Balance as of December 31, 1958	\$377.83

* \$6.61 Postage and \$500.00 to the Association.

ATTACHMENT #8

REPORT OF THE COMMITTEE, GOOD
NEIGHBOR CLUB

REPORT ON ADVERTISING IN *Mosquito
News*, January 1, 1958 through
December 31, 1958

The figures below represent transactions during the calendar year 1958, for advertising in four numbers, Volume 17, number 4 and Volume 18, numbers 1, 2 and 3. (December 1957 and March, June and September 1958).

Number of active accounts	30
Number of Pages of Advertising (exclusive of AMCA business)	68½
Receipts	\$2,477.14
Expenses:	
Postage, telephone, telegrams	62.50
Printing, rate sheets, envelopes, letterhead	30.00
Honorarium for stenographer	10.00
Total Expenses	\$ 102.50

Respectfully submitted,
FRANCIS P. CREADON
Advertising Manager

ATTACHMENT #11

REPORT OF THE COMMITTEE ON SALES OF
MISCELLANEOUS PUBLICATIONS

During 1958 the Committee on Sales of Miscellaneous Publications continued efforts to sell the special bulletins of the American Mosquito Control Association by inserting notices in appropriate publications, sending post cards to colleges and universities, and by personal contact.

The bulletins were well publicized by the officers and members of the Association before the committee was formed. These efforts and the efforts of the committee have sold enough bulletins so that the market appears close to saturation.

Continued efforts will still be made to sell bulletins but spectacular results should not be expected.

JAY E. GRAHAM
Chairman

ATTACHMENT #13

AMCA MEMBERSHIP REPORT

Your membership chairman is not responsible for the many additional memberships taken into the Association this year because he took the chairmanship at a point that might be considered half way through the AMCA fiscal year.

I would like to take this opportunity to compliment Don Johnson for his work as chairman of this committee until he resigned to take added duties overseas. Also, I want to thank Pat Nakagawa of Hawaii for his fine work this year on this committee. I know that he did more constructive membership campaigning than your chairman. I sincerely hope that he will be given the opportunity to be of even more assistance to the Association during this next year.

This year our new members just about balanced our delinquent members or those that are no longer associated with the AMCA. Our executive secretary, Ted Raley, brought to my attention that it is really a costly item to find out that an individual no longer desires to retain his membership in the Association. That problem has brought up two questions:

First, your membership chairman recommends a closer coordination between the executive secretary, the treasurer and the membership chairman. By that I mean that both the executive secretary and the treasurer have made great efforts to collect delinquent memberships and in many cases these efforts have not been rewarding. I personally feel that some of the responsibility for this action is up to the membership chairman and he should take steps to retain a membership. Perhaps a more personal approach would be respected and would be more to our advantage and the AMCA would be able to retain a membership instead of losing a more or less borderline case.

The second suggestion is that the membership chairman enlist the help of either the regional director or some other members of each of the regions of AMCA.

This step would give a closer coordination between the chairman and the members.

Respectfully submitted,

P. BRUCE BROCKWAY, JR.

Chairman, Membership Committee

ATTACHMENT #14

REPORT OF THE PUBLIC RELATIONS COMMITTEE, American Mosquito Control Association, 1958

The principal activity of the Public Relations Committee in 1958 was the building of a Mosquito Exhibit. The Committee Members were contacted for their ideas. After a plan for an exhibit was decided upon, construction was commenced. Several agencies throughout the country were asked to contribute suitable slides. All bills for material and service were paid by the Virginia Mosquito Control Association and later the American Mosquito Control Association reimbursed the Virginia Association. All labor with the exception of an artist to do the lettering was provided by Virginia members of the Association without charge. Special appreciation is due Messrs. McPherrin, Wisniewski, Hackworth and Jack Dent.

The exhibit cost \$171.38 and there was an additional charge of \$53.88 to ship it via express to Salt Lake City.

The exhibit is in the shape of a giant mosquito. On the head are included insets promoting *Mosquito News* and other American Mosquito Control Association publications. On the thorax there is a map of the world explaining that mosquito control is worldwide in scope. On the abdomen there are a set of transparencies showing different phases of control methods. The proboscis is a bubbling fluorescent light simulating the sucking of blood.

It packs into a box measuring 4' wide, 8' long and 10" thick. It weighs 200 pounds. Complete instructions for setting it up are included. It could be carried in a large station wagon, but perhaps the best

way to ship it would be by freight, giving plenty of time for delivery.

The following plan is proposed for assigning the exhibit: the Executive Secretary will be in charge of the exhibit. Anyone wishing to use it will contact him. The user will pay the freight to get it to him. He would be responsible for storing the exhibit and shipping it C.O.D. to the next user upon instructions from the Executive Secretary.

It is suggested that consideration be given to the development of a 4- to 6-page folder providing basic information and synopses of achievements aided or gained through the AMCA, together with an insertable fly page giving current data on membership, officers, functions and organizations of the Association. The basic folder could substitute for the membership sheet, or supplement it, and be printed in large numbers for up to five years and be used for general distribution at various meetings, exhibits, and agencies as well as by directors or others in soliciting membership. Such a brochure could utilize drawings, maps, *et cetera*, which would stimulate as well as inform, and the fly page could be printed annually at little cost for insertion where such information might aid in soliciting membership.

Respectfully submitted,

W. F. RAPP, JR.

HARRY D. PRATT

C. DONALD GRANT

WM. J. WALL

J. S. HAEGER

R. E. DORER, *Chairman*

ATTACHMENT #14a

March 31, 1959

Honorable Hubert H. Humphrey
Chairman, Subcommittee on Reorganization and International Organizations
United States Senate
Washington 25, D. C.

My Dear Senator Humphrey:

Thank you very much for your letter of March 26 which you addressed to me

as Convention Chairman of the American Mosquito Control Association.

The annual meeting of the American Mosquito Control Association will be held in Salt Lake City beginning on April 12, 1959. Because of the short time before the meeting, I shall wait until then to bring the matters which you have mentioned to the attention of the Board of Directors. I am sure that action will be taken to furnish you with information about our activities in the fields of international health and research leading to improved health conditions throughout the world.

The two reports of your committee entitled "International Medical Research" and "The Status of World Health" are very interesting. It will be helpful if I can have three additional copies of these publications for the use of the Board of Directors at the meeting in Salt Lake City.

Your interest in our Association is deeply appreciated.

Sincerely yours,

WILLIAM E. BICKLEY
Head of Department and
Regional Director, AMCA

ATTACHMENT #15

REPORT OF RESEARCH AND DEVELOPMENT COMMITTEE FOR 1958

Last year the Research and Development Committee assembled information on new developments in mosquito control by various research groups throughout the country. The Committee concluded from the information obtained that research was progressing satisfactorily and apparently fulfilling the need for more effective insecticides and methods of application. However, we learned later that many mosquito control workers did not share our enthusiasm and, in fact, felt that research had not provided answers to many pressing problems. This year, therefore, the Committee decided to ask the control workers to report on their problems and to suggest areas in which research was needed. In February a memorandum to

this effect was drafted and sent to 150 supervisors and directors of mosquito districts in all sections of the country. The response to our inquiry was disappointing but, fortunately, the replies received contained many excellent suggestions. Also, the chairman recently had an opportunity to talk personally with a number of workers and obtained some additional suggestions on research needs. Brief discussions of these needs are given in this report.

CONTROL OF *Culex*. Most of the workers replying indicated that the control of *Culex* was their most difficult problem. Suggestions for research on these species are listed below:

1. Develop new designs for storm sewers which will eliminate *Culex* breeding.
2. Develop more effective insecticides or other methods for controlling or preventing *Culex* breeding in polluted waters, including ditches, sewage disposal and sludge areas, garbage and refuse dumps, industrial waste areas, and dairy drainage systems.
3. Determine why insecticides are much less effective against *Culex* in polluted situations. Find new insecticides that will be equally effective in all types of breeding sites.
4. Study the biology and ecology of *Culex* species, with special emphasis on biting habits. In this connection the question was asked, "Is it possible to direct control only against species attacking man or must control be directed against all species of *Culex*?"
5. Develop more effective larvicidal oils and insecticides.
6. Determine if frequent oil spraying creates more favorable conditions for *Culex* breeding by killing vegetation, thereby increasing organic matter in water.
7. Develop methods and materials that will provide longlasting control in storm sewers, thereby eliminating the necessity for weekly treatment.
8. Develop repellents that will discourage *Culex* oviposition in certain breeding areas and ovicides that will prevent hatching of eggs.

9. Study the possibilities of fish for *Culex* control in certain situations. Certain species might adapt themselves to unnatural environments and provide effective control.

CONTROL OF FLOODWATER MOSQUITOES. Several workers indicated that floodwater *Aedes* and *Psorophora* species were their principal problem. There were several suggestions for research and pertinent questions regarding these species:

1. Study flight patterns and flight range of floodwater species. Information on these points might show that control efforts in outlying areas could be eliminated, thus effecting a considerable savings.
2. Determine the effects of prehatching applications of insecticides. Is effectiveness due to actual kill of larvae, destruction of food, depopulation, or other factors?
3. Develop more effective and longer lasting insecticides and formulations for prehatching treatment of floodwater breeding areas.
4. Develop insecticides that can be applied to breeding areas, i.e., materials that would destroy eggs and not create long-lasting residues or endanger fish or wildlife.
5. Can *vexans* and other floodwater species be eradicated in a given area? If so, what measures would be required to prevent reinfestation?

IRRIGATION MOSQUITO PROBLEMS. The Committee was disappointed in receiving only two replies from western States where serious mosquito problems have been created by irrigation. However, these letters contained several excellent suggestions for research. The Committee is taking the liberty of adding several to those submitted:

1. Study the biology of field and pasture breeding species of mosquitoes with a view of determining why they breed prolifically in certain situations and not in others.
2. Determine how field and pasture en-

vironments (soil and water conditions) might be altered so as to minimize oviposition and larval development.

3. Increase research to develop land and water management practices that will not create favorable conditions for mosquito breeding.
4. Develop insecticides that can be applied in irrigation water and that will provide season-long control.
5. Develop more effective residual insecticides for use as prehatching applications in fields and pastures.
6. Develop improved granular larvicides for use in fields and pastures.
7. Develop improved equipment for dispersal of granules, especially for aircraft.

CONTROL OF *Mansonia*. Although only one letter mentioned the problem of controlling *Mansonia*, at the recent New Jersey meetings several directors indicated that these species were a serious nuisance problem in their districts. At the present time the only solution to the problem is repeated fogging and spraying to control the adults. They indicated that drainage is not feasible and heavy applications of insecticides such as dieldrin are too hazardous for use in most breeding areas. However, it was felt that intensive research could in time provide safe and effective methods and materials for control of *Mansonia* breeding. Several possibilities for research were suggested:

1. Develop systemic insecticides which could be applied to vegetation to kill larvae.
2. Develop granular formulations that would release insecticide slowly in sufficient amounts to kill larvae but not harm fish or wildlife.
3. Investigate the possibilities of repellents or other materials to prevent oviposition.
4. Investigate the possibilities of ovicides.
5. Develop methods of managing impoundments to destroy breeding and/or to discourage oviposition.

RESISTANT MOSQUITOES. Practically every letter received contained some comment or suggestion on the problem of resistance in mosquitoes to insecticides. Most of the writers were already faced with resistance in one or more species; others expressed concern for the future if resistance developed in their districts. Suggestions and questions about resistance are listed below:

1. Determine the mode of action of the various insecticides used in mosquito control.
2. Determine the mechanism of resistance to various insecticides.
3. Develop ways and means of interfering with or nullifying specific resistance mechanisms.
4. Study the genetics of resistance in mosquitoes.
5. Develop entirely new types of insecticides and control techniques.
6. Determine the effectiveness of known insect pathogens on mosquitoes, especially the larvae. Search for specific disease organisms for mosquito control.
7. Is there any way to anticipate the development of resistance and to prevent or delay it by changing insecticides or operational methods?

EFFECT OF INSECTICIDES ON FISH AND WILDLIFE. Several workers indicated that Audubon and various fish and wildlife groups were exerting heavy pressure on local authorities to discontinue mosquito control. All of us connected with mosquito control are aware of the increasing criticism from these organizations. Those who are having to face such criticism feel that something needs to be done to offset it. Suggestions for work with this in mind were as follows:

1. Determine, in cooperation with wildlife biologists if possible, if the low dosages of the various insecticides used for larval and adult mosquito control are actually destructive of birds, fish and wildlife. Do repeated applications of low dosages have less harmful effects than the total amount applied at one time?

2. Determine, in cooperation with wildlife biologists, if possible, if insecticidal residues resulting from mosquito control operations poison the food of birds and other wildlife and if consumption of this food kills them or affects their reproduction.
3. Develop insecticides and methods of use that will not adversely affect fish and wildlife.

MISCELLANEOUS PROBLEMS. One district director suggested that a study be made of cost of insurance coverage. He pointed out that fairly complete coverage for his small organization cost \$1,800 per year. This seems to be an excessive premium rate. Perhaps some members of the Association have solved this problem locally and can give expert advice on this matter. It would seem that insurance costs could best be investigated by State control organizations. However, the Association might wish to look into the matter.

Some of the suggestions for research listed under specific headings obviously apply across the board. For example, new insecticides, ovicides, fish, and water management are important in the control of all species. However, for the sake of brevity they have been listed only in connection with the problem referred to by the writer.

The Committee recognizes that research is being conducted on many if not most of the suggestions submitted by mosquito control workers. Excellent progress has been made along some lines and can be expected in due time on others. We would conclude therefore, that those suggesting research on these phases had in mind an intensification of research. The Committee subscribes to this idea, for increased effort means faster and greater progress in the solution of problems.

On the other hand, there are a number of suggestions which are not under active investigation and a number of questions that cannot be answered. A greater response to our inquiry would doubtless have extended the list considerably. However, the suggestions received are sufficient to convince all research groups of the need

for expanded work on mosquito biology and control. The Committee urges that the organizations engaged in research make every effort to undertake work on one or more of the suggestions.

Respectfully submitted,

W. C. McDUFFIE, *Chairman*

KENNETH D. QUARTERMAN

RALPH W. BUNN

D. MANLEY JOBBINS

M. W. PROVOST

WM. R. HORSEFALL

EUGENE J. GERBERG

ATTACHMENT #16

REPORT OF THE BYLAWS COMMITTEE, Salt Lake City, Utah, April 12-19, 1959

At the 14th annual meeting, February 23-26, 1958, Washington, D. C., the Bylaws Committee made recommendations to the Board of Directors that were adopted at the final business meeting (*Mosq. News*, Vol. 18, #2, p. 149 and attachment #6, June 1958). The 1958 Bylaws Committee carried out the directive of the Board and canvassed the membership by mail to determine whether the members wish to continue the present procedure of electing officers or amend the bylaws to provide for the election of officers by mail ballot. (The present bylaws now provide for elections by mail ballot, Article VIII, Section 2). Accordingly, an appropriate statement of explanation was prepared along with a ballot form and mailed to each member of the association, asking the member to vote on this important issue. A ballot committee to tabulate the votes was appointed by the chairman. The vote was: Continue the present method of nominating and electing the officers of the association (votes for—present method 289, mail ballot 175).

Proposed amendments of minor importance were received by the committee. A majority of the members felt that these proposals were of such minor importance

that it would be unwise to propose such amendments to the bylaws at this time.

Respectfully submitted,

Bylaws Committee, AMCA

K. R. QUARTERMAN

C. M. GJULLIN

DOYLE REED

R. L. VANNOTE

T. G. RALEY

B. B. PEPPER, *Chairman*

ATTACHMENT #17

REPORT OF LEGISLATIVE COMMITTEE

There has been only one item presented to the Legislative Committee—the subject of Federal Surplus Property being made available to mosquito control districts. In this connection, we can report that S. 3121 and H.R. 10010 bills were introduced in the 85th Congress 1958 to amend the Federal Property and Administrative Services Act of 1949 to authorize the disposal of certain surplus property to public health agencies of a State, its political subdivisions and instrumentalities.

This is the second attempt that has been made to amend the law to assist mosquito control districts. It is doubtful that the Department of Health, Education, and Welfare will allow the law to be amended even to take in small subdivisions of State Governments unless they are directly tied in with health centers, hospitals, schools and Civil Defense.

J. A. MULRENNAN

ATTACHMENT #18

REPORT OF NATIONAL ADVISOR

The duties of the National Advisor may be classified as routine and special.

Routine duties have consisted of the correspondence and assistance to the officers and members of the Association through the year. Although this entailed

considerable time and expense, it is not only a pleasure but helpful to hear from the membership relative to their problems and accomplishments.

The special event of the year was the Symposium on the subject, "Mosquito Control and Wildlife Conservation," held in Washington, D. C. on April 1 and 2, 1959. This meeting was co-sponsored by the U. S. Fish and Wildlife Service, the U. S. Department of Agriculture, the U. S. Public Health Service and the Wildlife Society. The attendance was 82.

The prepared papers and the discussions presented an unusually large amount of valuable information. The proceedings are to be mimeographed and will be available at \$1.00 per copy.

A resolution was adopted at the Symposium authorizing the appointment of a committee consisting of 6 members; 3 from wildlife interests, 3 representing mosquito control as follows: 1—USDA, 1—USPHS and 1—AMCA, for the purpose of considering methods of coordination between the two interests.

I am advised by the Ford Foundation that a Committee on Natural Science and Engineering has been established; however, its projects have been only with Engineering Graduate Schools. It was suggested that the Association present its project in June; however, no encouragement was received.

Plans are now being considered for a National Advisor's Field Trip to the Metropolitan Mosquito Control District in the Minneapolis-St. Paul area of Minnesota in early October of 1959.

Respectfully submitted,
ROBERT L. VANNOTE
National Advisor

ATTACHMENT #19

RESOLUTIONS COMMITTEE REPORT, 1959

RESOLUTION #1. RESOLVED:

That the American Mosquito Control

Association expresses and records its appreciation and thanks:

a. To the Utah Mosquito Abatement Association, and particularly the local Arrangements Committee, for the excellent program and accommodations, which have made such a successful Fifteenth Annual Conference.

b. To the staff and management of the Hotel Utah for their friendly spirit and service.

c. To the Hon. George D. Clyde, Governor of the State of Utah, and his office staff, for their cooperation and response to the Association's needs.

d. To the Editor and Staff of *Mosquito News* for the efficient manner and splendid work done in the publication of the Association's Journal.

e. To the Salt Lake City Chamber of Commerce Convention Bureau for the fine cooperation accorded to the Association.

f. To the business people and other citizens of Salt Lake City for the fine moral, Christian attitude which has characterized their relationships with convention members.

g. To the Officers, Committees and National Advisor for the generous time given and the contributions made by them during the past year.

Be it Further RESOLVED:

That the Association express its thanks and appreciation to the commercial exhibitors and sponsors for their support of the American Mosquito Control Association.

RESOLUTION No. 2

WHEREAS one of the principal objectives of conventions is to present and exchange technical information for the mutual benefit of those in attendance, and

WHEREAS, the use of slides is one of the most effective and frequently used methods of presenting important data: RESOLVED, That this Convention go on record respectfully to urge that those using this method in future conventions make a special effort to prepare slides which can be

read clearly and easily from any position in the convention room.

RESOLUTION No. 3

WHEREAS there has been a great amount of misinformation and misinterpretation published by well meaning people on the hazards of pesticides to man, animals, fish, birds and wildlife, in many instances with disregard to the enormous benefits resulting from the proper use of pesticides to control public health and agricultural insect enemies of mankind, and

WHEREAS the public, to a great extent, is unaware and therefore unappreciative that the preponderant majority of scientists and public officials engaged in research on the development and in the application of pesticides, is equally dedicated to the protection and preservation of the public health and well being and is accordingly deserving of the public trust, RESOLVED, That this Association go on record as urging its individual members to take all steps possible to present accurately to the public the excellent record of mosquito control in performing a public service characterized by sound technology, and that cooperation be extended, when indicated, to evaluate jointly any situations involving questionable pesticide usage affecting man, domestic animals and wild life.

RESOLUTION No. 4

WHEREAS, research is one of the methods required for the coordination of mosquito control and wildlife conservation and

WHEREAS, it is the policy of the Ameri-

can Mosquito Control Association to promote such research in the interests of coordination, RESOLVED, That the American Mosquito Control Association endorse and support the principle of additional research pertaining to mosquito control and wildlife conservation as set forth in H.R. 5813 of the 86th Congress.

RESOLUTION No. 5

WHEREAS, this 1959 meeting marks the 25th year of continuous service to mosquito control provided by the American Mosquito Control Association and its predecessors or society, The Eastern Association of Mosquito Control Workers, since the founding of the former in 1935, and

WHEREAS, the exchange of information promoted during this period by the Association has aided immeasurably in the advancement of new mosquito abatement procedures, and in the development of new and expanded mosquito control programs in areas of need throughout the world,

RESOLVED: That this quarter of a century of accomplishment be commemorated by spreading this resolution upon the minutes of this meeting, and by publishing in *Mosquito News* the history of the Association, which has been prepared by the Historical Committee.

Respectfully submitted,

GLEN C. COLLETT, *Chairman*

DR. A. J. ROGERS

PATRICK NAKAGOWA

HOWARD GREENFIELD