

## ASSOCIATION NEWS

### AMERICAN MOSQUITO CONTROL ASSOCIATION, INC. 28th ANNUAL MEETING—MIAMI BEACH

#### MINUTES OF THE BOARD OF DIRECTORS MEETING APRIL 23, 1972

The Board of Directors of the American Mosquito Control Association, Inc., met in regular session in conjunction with the 28th Annual Meeting of the Association at Miami Beach, Florida, on Sunday, April 23, 1972, in the Regency Suite No. 1 of the Deauville Hotel. President Rogers called the meeting to order at 9:10 a.m.

Board members present were:

A. J. Rogers, President; Glen C. Collett, President-Elect; Dr. Kenneth L. Knight, Vice President; A. W. Buzicky, President 1970; George T. Carmichael, President 1969; W. D. Murray, Treasurer; T. G. Raley, Executive Secretary; John C. Kuschke, Director, North Atlantic Region; Robert W. Lake, Director, Mid Atlantic Region; E. J. Beidler, Director, South Atlantic Region; William I. Barton, Director, North Central Region; James D. Long, Director, South Central Region; Lewis E. Fronk, Director, West Central Region; John H. Brawley, Director, South Pacific Region; Don J. Pletsch, Director, Latin America-Caribbean Region.

Board members absent were:

A. E. Winmill, Director, Canada Region; John C. Stoner, Director, North Pacific Region.

On a motion by Director Barton, seconded by Director Kuschke and approved, Bradley B. Anderson, newly elected Director for the North Pacific Region was authorized to serve as an alternate for Director Stoner.

Minutes of the business session of the 27th Annual Meeting in Denver, Colorado, March 21-24, 1971 were approved following a motion by Director Fronk, seconded by Director Beidler.

The President's Report (attachment No. 1) was read by Dr. Rogers. This was followed by comments on his year as President of the Association and the carry-over items for the future.

Executive Secretary Ted Raley reported on the Association business handled by mail during the year. Action was taken on:

1. Approval of the tentative budget for 1972 (approved).
2. Approval of the Awards Committee proposal for establishing annual awards (approved).
3. Endorsement of a petition to elect Dr. Alan Stone to Honorary Membership in the Association (approved).
4. Endorsement of a petition to elect Dr. E. S. Hathaway to Honorary Membership in the Association (approved).

The Executive Secretary reported on a proposed lease for the Association's central office in Selma, California. On a motion by Past President Buzicky, seconded by Director Beidler, the lease for office space in the Consolidated Mosquito Abatement District headquarters in Selma, California at \$25.00 a month was approved. The lease will be for one year with a 30-day termination notice by either party.

The Executive Secretary also reported on the financial success of the Denver meeting, the need for a machine to make addressograph plates, a salary increase of \$20.00 a month for the office secretary, the results of the regional elections, earmarking of income from investments for definite projects, the NIH Grant for the Bibliography and the progress on the Resources Bulletin.

Treasurer Murray's report (attachment No. 2) was approved with special commendation on a motion by Director Beidler, seconded by Director Pletsch.

A verbal report on the Miami Beach meeting arrangements was given by Florida Anti-Mosquito Association President, Frank Wilson and Dade County Anti-Mosquito Program Director, James Heidt. Vice President Knight gave a verbal report on the program for the three days of paper reading.

The business continued with a reading of committee reports (See the numbered attachments 3 through 19). The following action on committee recommendations should be noted. A motion to accept the Finance & Policy Committee Report was made by Director Beidler. This was seconded by Director Fronk and approved. The Finance & Policy Committee's recommendation that the Board of Directors appoint an Association Agent residing in New Jersey was acted on with a motion by Past President Buzicky to name John C. Kuschke, Morris Plains, New Jersey, Resident Agent for the American Mosquito Control Association, Inc. This was seconded by Treasurer Murray and approved.

Other recommendations by the Finance & Policy Committee to bring the Association in line with the charter had already been referred to the Bylaws Committee.

Adjustments to the preliminary budget adopted by the Board by mail ballot were: A salary increase of \$20.00 a month for the central office clerical services retroactive to January 1, 1972. Motion by Director Long, seconded by Past President Carmichael. Approved.

A capital outlay allocation of \$950.00 to purchase an embossing machine to make plates for the central office addressograph. Motion by Director Lake, seconded by Director Pletsch. Approved.

An allocation of \$300.00 for the Awards Committee. Motion by Past President Buzicky, seconded by Past President Carmichael. Approved.

The necessary increase in income to balance the amended budget be made from the anticipated larger return from interest on investments. Motion by Past

President Carmichael, seconded by Director Fronk. Approved.

The Bylaws Committee report was considered in detail. Each proposed change in the Bylaws was discussed and voted on separately. After all were acted upon with only one No vote by Director Brawley on some of the proposed changes, a motion was made by Past President G. T. Carmichael to approve the Bylaws Committee recommendations (Attachment No. 18) and refer the matter to the membership on Wednesday morning at the Annual Meeting. This was seconded by Director R. W. Lake and unanimously approved. A motion was made by Director John Brawley to commend the Bylaws Committee and particularly the Chairman, James D. Gorman, for the fine report. This was seconded by Director Lewis Fronk and unanimously approved.

Resolutions presented by the Committee were approved on a motion by Director Fronk for Number 1 through 5 as written and Number 6, still in preparation, in principle, with a second by Past President Carmichael. Resolutions Number 7 and Number 8, still in preparation, were approved following a motion by Past President Carmichael seconded by Past President Buzicky.

The Executive Secretary read invitations to the AMCA from the Illinois Mosquito Control Association and the Louisiana Mosquito Control Association, to meet jointly in 1977. The matter was referred to the April 26 meeting of the new Board of Directors to permit time for discussion on the two invitations for the same year.

Other items referred to the April 26th meeting were:

Helen Sollers-Riedel's request for the Association to administer her NIH Grant.

A request for support by the Association of a literature retrieval system at Notre Dame University.

New projects to be funded by income from investments.

The Executive Secretary requested authorization to design and purchase a seal for the Association to use on official documents. This was approved on a motion by Director Barton, seconded by Director Beidler.

President-Elect Glen Collett spoke on his plans for the coming year and reminded everyone involved to be on time for the Wednesday meeting of the Board

of Directors. The meeting is scheduled for 4:30 p.m. in Regency Suite 4.

President Rogers thanked all present for their help in making his year in the chair successful. He extended individual thanks and commendations to the officers and directors finishing their term at this meeting.

The Board meeting was declared adjourned by President Rogers at 5:15 p.m.

## MINUTES OF THE GENERAL BUSINESS MEETING

APRIL 26, 1972

President Rogers called the Annual General Business Meeting to order at 8:35 a.m., Wednesday, April 26, 1972. He gave a brief report on the accomplishments for the past year. (Attachment No. 1) and indicated committee chairmen would be called on to summarize particular activities. (Full committee reports are in accompanying attachments No. 2 through 19). Minutes of the 1971 annual meeting in Denver were approved as published in *Mosquito News*, Volume 31, No. 2, pages 230-261, on a motion by R. E. Dorer, seconded by W. I. Barton.

Executive Secretary Raley started his report with a conclusion the facts would support designating Dr. Rogers' term as president a Vintage Year in Association history. Added to this documented accomplishment were plans to distribute the Monday morning Presidential Address immediately. Arrangements were underway to have the address duplicated at the California Mosquito Control Association's printing plant in Visalia, California. Enough copies would be printed to assure one for each member and an extra supply for Dr. Rogers. Members wishing extra copies are to contact Dr. Rogers.

Two petitions for Honorary Membership were received during the year. They were for Dr. Alan Stone and Dr. E. S. Hathway. All necessary action to implement the election of the two candidates is completed. The Executive Secretary re-

quested President Rogers to place the matter before the assembled members.

Dr. Alan Stone was elected to Honorary Membership in the American Mosquito Control Association on a motion by G. C. McFarland, seconded by W. E. Bickley.

Dr. E. S. Hathway was elected to Honorary Membership in the American Mosquito Control Association on a motion by C. A. Vieser, seconded by Don Rees.

The Executive Secretary reported on other highlights of the year, namely the appointment of John Kuschke as Association Agent in New Jersey, the 1973 meeting with Texas Mosquito Control Association in Houston, March 25-28, at the Rice Hotel, the approval of the Board of a lease with the Consolidated Mosquito Abatement District for office space in Selma, California for the Association's Central Office, at \$25.00 a month, progress on the Resources Bulletin, the new mailing procedure for *Mosquito News* limiting each address to only four lines, the status of the NIH Grant for the Bibliography and the special projects to be funded during 1972-73. Frank Wilson, President Florida Anti-Mosquito Association, reported on the success of the Miami Beach meeting and thanked everyone for their part in the event. Preliminary figures indicate 600 people registered for the meeting, the ladies being 158 of the total.

Following reports by committee chair-

men, President Rogers asked for membership action on:

Recommendation of the Bylaws Committee (See attachment No. 18) Approved on a motion by G. T. Carmichael, seconded by G. C. McFarland.

Resolutions 1 through 8 (See attachment 17) Approved on a motion by L. T. Neilson, seconded by D. R. Johnson.

Acceptance of the Treasurer's report (See attachment No. 2), Approved on a motion by W. D. Murray, seconded by D. W. Micks.

Action by the Board of Directors since the 1971 meeting in Denver. Approved on a motion by T. D. Mulhern, seconded by G. T. Carmichael.

Dr. Don W. Micks, Chairman Awards Committee reported on the committee's positive action during the year (Attachment No. 13) and announced the award selections.

These were:

Meritorious Service Awards

D. L. Collins, E. S. Hathaway, T. G. Raley and C. F. Scheel

Medal of Honor Award

M. W. Provost and W. R. Horsfall

President Rogers introduced the new officers of the Association, President, Glen

C. Collett, President-Elect, Dr. K. L. Knight, Vice President, Dr. R. M. Altman and asked they be escorted to the platform.

While this was being done the Executive Secretary announced the results of the regional elections. These were:

Lt. Col. W. W. Young, Mid-Atlantic Region

T. O. Fultz Jr., South Atlantic Region

L. E. Fronk, re-elected West Central Region

Bradley B. Anderson, North Pacific Region

Freddy E. Gonzalez-Valdivieso, Latin America-Caribbean Region

Outgoing President Rogers presented the gavel to incoming President Collett with appropriate remarks. President Collett asked for continued cooperation from the membership and felt sure he could meet the challenge of the new year. He asked for Robert L. Vannote, first President of the Association, to join him on the platform. Mr. Vannote presented a Past President's Certificate and lapel pin to Dr. Rogers and welcomed him into the Past President's Club.

The meeting was adjourned at 10:30 a.m. on a motion by A. W. Buzicky, seconded by D. W. Micks.

## MINUTES OF THE BOARD OF DIRECTORS MEETING APRIL 26, 1972

The Board of Directors met in scheduled session in the Regency Suite 4 of the Deauville Hotel, Miami Beach, Florida on Wednesday, April 26, 1972. President Collett called the meeting to order at 4:35 p.m. and asked the Executive Secretary to call the roll. Board members present were:

Glen Collett, President; Dr. K. L. Knight, President-Elect; Dr. Robert M. Altman, Vice President; Dr. A. J. Rogers, President 1971; A. W. Buzicky, President 1970; Dr. W. D. Murray, Treasurer;

John C. Kuschke, Director North Atlantic Region; Lt. Col. W. W. Young, Director Mid-Atlantic Region; Thomas O. Fultz Jr., Director, South Atlantic Region; W. I. Barton, Director, North Central Region; Dr. James D. Long, Director, South Central Region; Lewis E. Fronk, Director, West Central Region; John Brawley, Director, South Pacific Region; Freddy E. Gonzales-Valdivieso, Director Latin America-Caribbean Region.

Board Members absent were, Bradley B. Anderson, Director North Pacific Re-

gion and A. E. Winmill, Canada Region.

President Collett introduced the new Board members and commented on his plans for the coming year. He indicated that he had been impressed by the News letter sent out by Director John Brawley. Each Board member was encouraged to draw on the experiences of the past and to advance any and all new ideas that would improve the organization.

A list of committee appointments for the new year was supplied each member present. Following study and discussions a motion was made by Past President Rogers to approve the committee appointments as amended (See attachment No. 20) with the understanding minor changes could be made by the President and committee chairmen. This was seconded by Director Fronk and approved.

Items referred from the Board meeting on Sunday, April 23rd were:

After an explanation by Mrs. Helen Solters-Riedel a motion was made by Director Long to authorize the Association to take over the administration of her NIH Grant if a change could be made. This was seconded by Director Young and approved.

More study will be given to the request for support of the literature retrieval system at Notre Dame University.

Dr. Knight reviewed the development of the *Mosquito Systematics News Letter* and requested consideration by the Association of direct participation in its future production.

A motion was made by Past President Buzicky, seconded by Past President Rogers and approved to go on record in principle for AMCA to take over administration of the publication now titled *Mosquito Systematics*.

Following a report from Florida Association President Wilson on the Miami Beach meeting, a motion was made by Director Kuschke that the June 1972 issue of *Mosquito News* be designated the Miami Beach Number. This was seconded by Director Young and approved.

Jack H. Kimball, Manager Orange County (California) Mosquito Abate-

ment District gave a detailed report on the planning for the 1974 Annual Meeting at Disneyland. Rates and space are reasonably well determined so advance literature on the event will be circulated early.

Travel allowances for the 1973 meeting in Houston at the Rice Hotel recommended by the Executive Secretary were:

Advertising Manager's Office	\$170.00
Editor's Office	240.00
Executive Secretary's Office	270.00
Treasurer's Office	270.00

These amounts were approved on a motion by Director Fronk seconded by Director Young.

Invitation from the Illinois and Louisiana Mosquito Control Associations for a joint meeting in 1977 were discussed. On recommendation of the Executive Secretary the invitation from the Louisiana Association was accepted on a motion by Director Long and seconded by Director Fultz. The Executive Secretary was directed to advise both Associations of the decision and ask the Illinois group to re-submit an invitation for 1978.

Director Fronk spoke in behalf of the Utah Mosquito Abatement districts on the prospects for a joint meeting with the American Association in either 1978 or 1979.

On a motion by Past President Rogers seconded by Director Brawley and approved, Dr. Don Rees was designated the official representative of AMCA to the 14th International Congress of Entomology in Australia during June 1972.

Past President Rogers suggested positive efforts should be made to provide more time for the annual general business meeting. It was his feeling two to two and one half hours should be the minimum time scheduled. This received general agreement and the feeling of the Board will be relayed to the Program Committee for 1973.

The meeting was adjourned at 6:40 p.m. on a motion by Director Kuschke, seconded by President-Elect Knight.

## ATTACHMENT NO. 1

## REPORT OF THE PRESIDENT

Being president of this fine organization has been the climax of my professional life in the field of medical entomology and mosquito control during the past 30 years. I am most appreciative of this honor and the opportunity to serve.

According to word received from the Executive Secretary several weeks ago, the Association has had a good year with membership continuing to increase and a sound financial situation. Progress in in these areas and many others is due much more to the fine work of the committees and more permanent officials of the Association than to any action by the President. This will be apparent in the reports that follow. I will say that in keeping with the announced objective of telling the positive side of the pesticide story to the public, I have taken advantage of every opportunity to do this in the past year. But even in this area of emphasis,

the Public Relations Committee has done far more than the president.

Progress was continued on reorganization of the official structure of the Association and further revision of the bylaws which will be presented to the Board and Association members for consideration and action at this meeting. All of the committees have functioned well and I wish to take this opportunity to thank the chairmen and their respective committee members for their hard work on behalf of the Association.

Finally, it was a great personal pleasure and highlight of the year to have the opportunity of visiting four state and regional meetings as the Association's representative. These meetings were Utah, Louisiana, Northeastern, and New Jersey. In addition, Dr. Murray represented the Association at the Northwest Association meeting.

ANDREW J. ROGERS, President

## ATTACHMENT NO. 2

## REPORT OF THE TREASURER 1971

The American Mosquito Control Association is in excellent financial shape. In 1971 there was a fund gain of \$10,430.45. There is no doubt now that AMCA is in a position to establish a full time central office and, more important, to maintain this office into the foreseeable future. This move has been under contemplation for many years, and, in order to help assure its success, it has been necessary to establish a reasonable dues structure, to charge an adequate subscription rate, to encourage more advertising and to establish fair charges for pages of publication. These activities have been patterned after those of other associations. The one outstanding feature of the AMCA's procedures has been their success.

The AMCA Directors and Officers basically have been conservative in their financial management. The Treasurer and Secretary, especially, have been wary of any activities which might be other than solid and secure. During the past few years there has been encouragement from the Directors to invest reserve money in order to obtain reasonable returns from it. However, several concerns by those directly involved in the fund management, namely the Treasurer and Secretary, have caused hesitation. What are the future needs of the Association, and how much money can be tied up in investments? What investments were available that were essentially as safe and secure as a bank savings account? At all times there was the concern that

this was not personal money, rather that it belonged to an organization of many people, and the embarrassment of possible misuse has assured a continuance of a conservative, safe and sane approach.

Several events have occurred since the Denver Conference which have prompted the Treasurer to move towards the investment of some of the AMCA's funds. At Denver it was agreed that the checking account should not be permitted to exceed \$20,000. It was obvious that such funds produced no income whatsoever. Twice during the latter part of 1971, especially as a result of receipt of dues and advertising monies, it was necessary to make transfers from checking to savings in order to remain under the \$20,000. limit. The fiscal structure of AMCA was now very sound, and there were ample funds to assure continued program even if some money were transferred to more lucrative investments. Then, in January, the Bank of America reported that the \$6,000. Time Certificate, at 5¾% interest, could not be renewed at that interest rate. The Treasurer then requested the Dean Witter Corporation to provide advice on secure investments which would fit the program of AMCA in the years ahead.

The Bank of America, the world's largest bank, in late January was offering 6⅞% Capital Notes, due July 1, 1979. Dean Witter assured that such notes were essentially as safe as the bank savings. Following approval in writing by President Rogers, by Vice President Knight and by Secretary Raley, the Treasurer was authorized to invest funds as deemed wise and desirable.

The \$6,000. from the matured 2-year Time Certificate were added to \$10,000. from the checking account, which again was approaching the \$20,000. mark, and \$16,000. worth of Bank of America Capital Notes were purchased. It is anticipated that returns on these notes will be \$530. semiannually, payable July 1 and January 1, for an annual total of \$1,060. This same amount of money in the 5¾%

Investors Passbook account would yield only \$920.

Another review of the AMCA fiscal status showed that as of the last of March there were \$15,000. in checking, over \$7,000. in 4% Savings, and \$33,000. in 5¾% Investors Passbook accounts. Dean Witter advised that Pacific Gas and Electric was offering 7.84% Redeemable First Preferred Stock. This utility operates throughout most of northern and central California and has one of the highest ratings available. After consultation with the AMCA Secretary, the Treasurer believed it would be wise to purchase 400 shares of this preferred stock, at a purchase price of \$11,020. The purchase was made, effective March 23, 1972. Returns on this stock will be received quarterly, and as of the present time will be \$198. payable on the 31st of July, October, January and May, for an annual total of \$792.

These activities have reduced the checking account so that as of April 17 it totals \$3,602.59. and the 4% Savings account has been reduced to \$831.65. These funds may be slightly below a desirable minimum, but there are still \$33,080.76 in the 5¾% Passbook account. If necessary, \$6,000. of this can be withdrawn on May 20, 1972, at full term (2 years), and \$19,261. additional will be at full term on July 9, 1972.

No further investments are contemplated at this time. The Passbook account will provide ample money which is available immediately if and as needed. As the development of AMCA programs and the Central Office become clear, it may turn out that much of the Passbook money will be needed within the next year or so. On the other hand, if it can be determined that some of this money can be invested in higher income returns during the coming year, the Treasurer will take steps to consider the desirability of such.

A copy of the 1971 audit report of the Certified Public Accountant, Bill Duncan, is supplied to each Director (Attachment 2a).

ATTACHMENT NO. 2a

AUDIT REPORT: AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
 TREASURER'S ACCOUNT  
 FOR THE YEAR ENDED DECEMBER 31, 1971

March 27, 1972

Board of Directors  
 American Mosquito Control  
 Association, Inc.  
 1737 West Houston Avenue  
 Visalia, California 93277

Gentlemen:

I have prepared the accompanying statement of assets and liabilities resulting from recorded cash transactions of the American Mosquito Control Association, Inc. Treasurer's Account as of December 31, 1971, and the related statement of receipts and disbursements with budget comparisons for the year then ended. My examination was limited for the most part to verifying the various bank

accounts and other investments in Selma, California, and to assembling the accounting data into proper financial statement form.

Because of the limited scope of my examination I do not render an independent accountant's opinion as to the accompanying financial statements taken as a whole. However, in my opinion, the cash in the commercial account at Selma, the cash in the savings accounts at Selma, and the time certificate at Selma are fairly presented in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Respectfully submitted,  
 BILL L. DUNCAN  
 Certified Public Accountant

AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
 STATEMENT OF ASSETS AND LIABILITIES  
 DECEMBER 31, 1971

EXHIBIT "A"

ASSETS

	General Fund	General Fixed Assets
Cash in Bank		
Commercial Account—New York	\$ 1,740	
Commercial Account—Selma	16,185	
Savings Accounts	39,782	
Time Certificate	6,000	
Fixed Assets—at cost		\$ 2,560
Totals	<u>\$63,707</u>	<u>\$ 3,560</u>
FUND BALANCES		
Fund Balances		
Investment in General Fixed Assets		\$ 3,569
General Fund—Exhibit B	<u>\$63,707</u>	
Totals	<u>\$63,707</u>	<u>\$ 3,560</u>



EXHIBIT "B"

AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS  
WITH BUDGET COMPARISONS  
FOR THE YEAR ENDED DECEMBER 31, 1971

	Actual	Budgeted	Over (Under) Budget
FUND BALANCE—December 31, 1970	\$52,240		
<b>RECEIPTS</b>			
Dues and Subscriptions	\$23,008	\$22,500	\$ 508
Advertising	11,139	9,000	2,139
Reprints	2,355	3,200	(845)
<i>Mosquito News</i> —Back Issues	1,278	1,000	278
N. I. H. Grant	2,660	2,200	460
Printing	6,399	6,500	(101)
Annual Meeting	4,564	3,000	1,564
Bulletins	777	4,500	(3,723)
Interest Income	2,021	1,600	421
Miscellaneous	641	200	441
Total Receipts	<u>\$54,842</u>	<u>\$53,700</u>	<u>\$ 1,142</u>
<b>DISBURSEMENTS</b>			
Editor:			
<i>Mosquito News</i> printing and mailing	\$26,415	\$28,000	\$(1,585)
<i>Mosquito News</i> reprints	1,698	2,600	(902)
Supplies	262	300	( 38)
Clerical, office, and FICA	1,263	4,000	(2,737)
Travel	240	240	—0—
Executive Secretary:			
Postage and envelopes	813	900	( 87)
Forms and printing	236	400	(164)
Office supplies	666	650	16
Travel	170	170	—0—
Clerical	4,620	5,040	(420)
Social Security	240	260	( 20)
Treasurer:			
Office Supplies and Expense	231	150	81
Audit	275	500	(225)
Travel	170	170	—0—
Advertising Manager:			
Clerical and postage	400	500	(100)
Travel	160	160	—0—
Membership Committee:			
Postage and stationary	830	750	80
Bibliography:			
Postage and other expense	800	800	—0—
Office of President	500	500	—0—
Other Committees	105	400	(295)
Regional Expenses	58	300	(242)
Association Library	—0—	1,200	( 1,200)
Travel	357	1,000	(643)
Miscellaneous	71	200	(129)
Bulletins	—0—	3,000	( 3,000)
Capital Outlay	2,795	4,800	( 2,005)
Total Disbursements	<u>\$43,375</u>	<u>\$56,990</u>	<u>\$(13,615)</u>
EXCESS OF RECEIPTS OVER DISBURSEMENTS	<u>\$11,467</u>	<u>\$(3,200)</u>	<u>\$ 14,757</u>
FUND BALANCE—December 31, 1971	<u>\$63,707</u>		

EXHIBIT "C"

AMERICAN MOSQUITO CONTROL ASSOCIATION, INC.  
 TREASURER'S ACCOUNT  
 ACCOUNTANT'S COMMENTS  
 DECEMBER 31, 1971

## ACCOUNTING BASIS

The accounting records are maintained on a cash basis. With this method, revenues are recorded only when received and expenditures as they are paid.

## CASH IN BANK

Bank of America Commercial Account, Selma: At the year end, this account was reconciled to the bank statement and confirmed directly to us by the depository.

Bank of America, two Saving Accounts: These savings accounts were verified by examination of the passbooks at December 31, 1971 and were confirmed directly to us by the depository.

Time Certificates of Deposit: At the beginning of the year, there was a six-month, \$6,000.00 T C D on hand. It was still held at the year end.

## INSURANCE

The following policies, which represent the insurance in force at December 31, 1971 were examined:

<i>Coverage</i>	<i>Insurer</i>	<i>Amount</i>
Position Bonds:		
Executive Secretary	Hartford	\$20,000
Treasurer	Royal Indemnity	20,000

In addition to the position bonds, the association also carries \$2,000 coverage on valuable papers.

In conclusion, we wish to thank Dr. Murray for his courtesy and assistance during the course of the audit.

## ATTACHMENT NO. 3

## REPORT OF THE PUBLICATIONS COMMITTEE

The Publications Committee was given the assignment by President Rogers to give special attention to working closely with Tommy Mulhern in the revision of AMCA Bulletin No. 1, "The Use of Aircraft for Control of Mosquitoes." A tentative date of six months following the Denver meeting or approximately September 1971 was given by Editor Mulhern for completion of this publication.

Unfortunately there have been delays which have prevented the completion of this revision the past year. It is the recommendation of the Publications Committee that every effort should be made to complete this much needed revision of Bulletin No. 1 during the coming year.

Progress is being made on the new Bulletin No. 6, "Non-Chemical Methods of Mosquito Control." Dr. Frank Murphy reports that the target date of November 1973 should be met.

One inquiry was received concerning

the revision of Bulletin No. 4, "Organization for Mosquito Control."

Ted Raley states that this bulletin published in 1961 is being offered to anyone interested for \$0.25, the cost of mailing and handling. It is recommended that the new Publications Committee consider the advisability of preparing a mimeo release to up-date the pertinent information.

WILLIAM E. BICKLEY  
 DONALD L. COLLINS  
 HAROLD CHAPMAN  
 EUGENE GERBERG  
 ROBERT W. LAKE  
 BRIAN HOCKING  
 GARDNER McFARLAND  
 WILLIAM RAPP JR.  
 THOMAS J. CURTIN  
 DON W. MICKS  
 GLENN M. STOKES  
 GLEN C. COLLETT, Chairman

## ATTACHMENT NO. 4

## REPORT TO AMCA RELATING TO BULLETIN #1, THE USE OF AIRCRAFT IN THE CONTROL OF MOSQUITOES

In analyzing the data submitted for this bulletin and that available from the literature, it is evident there are three types of information to be included:

1. General information which changes little and which is of interest to those using aircraft or administering programs which employ aircraft. This category includes historical data, principles of aircraft use, selection of aircraft, contracts, costs, and appraisal of results.
2. Specific, technical, handbook-type reference information and operational guidelines of primary interest to technical and operational personnel, including specific descriptions of equipment and techniques, data relating to field operations and to calibration, formulation, dispersal, deposit, swath determination, etc.
3. Rapidly changing information of timely significance, including the legal limitations on the use of specific pesticides, and the laws, regula-

tions, and specifications relating to the certification, licensing, and regulations of personnel using pesticides.

Accordingly, the outline of the bulletin has been somewhat modified to place the information of a general nature mainly in narrative form in the body of the bulletin, the specific, technical, reference information is in appendices; and the rapidly changing, timely information which may have validity for only a short time in separate supplements which can be replaced easily without changing the more permanent portions of the bulletin.

We have been compiling a bibliography, which now has more than 400 references, and these are presently being reevaluated to determine which are most pertinent, and which are repetitive.

Final review and contribution of recently developed subject matter have been requested of certain individuals working in the respective areas to permit final editing of the material.

THOMAS D. MULHERN

## BULLETIN 1, REVISED OUTLINE 1972

1. Title page
  2. Contributors of subject matter
  3. Table of contents
- General Information*
4. Foreword—Development of 1st Edition of Bulletin, and Revision
  5. Introduction—How aircraft fit into mosquito control program (Editor)
  6. Historical background (Hirst)
  7. Advantages and limitations of aircraft in mosquito control (Stains)
  8. Toxicity and potential hazards: Safe use of aircraft, avoiding impairment of the environment, consideration of non-target organisms, legal limita-

tions, regulations USDA—Beltsville; (USPHS—Atlanta)

9. Principles of aerial application (Akeson)
10. Meteorology, droplet sizes, swath development, deposit, drift, residues (Akesson)
11. Relation of droplet sizes to biological effect (Burdette—USDA—Gainesville)
12. Commonly used types of aircraft: drawings, photographs and descriptions of specified equipment as appendix (Manufacturers and users)

Fixed wing aircraft, single engine  
 “ “ “ multi engine  
 Rotary-wing craft, small  
 Rotary-wing craft, large

- Rotary-wing craft, uses other than for dispensing pesticides.
13. Dispensing equipment for aircraft (detailed specifications in appendix)
    - Dust
    - Granules
    - Liquids, conventional
    - Liquids, low volume
    - Fogs
  14. Larviciding (Mulhern, Geib)
  15. Adulticiding (Rogers, Rathburn, Carmichael)
  16. Averting or controlling mosquito-borne disease epidemics (Kilpatrick)
  17. Military use of aircraft for mosquito control (USDA and Military Group—Gainesville)
  18. Safe handling procedures, safety equipment
  19. Laws and regulations: Aircraft operation, insecticide usage, residues (not specific provisions—see separate dated supplement)
  20. Insecticides (not tables—see separate dated supplement)
    - Technical information for effective use
      - Resistance
      - Safety to humans
      - Safety to plants and livestock
      - Safety to wildlife
  21. Appraising efficacy of operations and test procedures: Operational techniques (Rogers, Rathburn). Precision evaluation (Akesson)
  22. Cost analysis (Geib, Carmichael)
  23. Contract provisions—sample contracts in appendix (Buzicky, Kilpatrick, Mulhern)
  24. Bibliography
  25. Photographs, drawings

#### *Appendices*

26. List of aircraft, USA and other countries
27. Typical descriptions and illustrations
  - Commercial fixed wing aircraft
  - Commercial rotary-wing aircraft
  - Military and commercial aircraft suitable for custom conversion; single and multi engine
28. Protocols for calibration, and swath and pattern evaluation
  - Operational techniques (Rathburn)
  - Precision techniques (Akesson)
29. Tracers (dyes, fps), droplet recovery and analysis techniques
30. Standardized methods of displaying test results
31. Formulae, computations, tables. U. S. and Metric systems compared
32. Advertisements

#### *Separate Supplements*

33. Dated tables of acceptable pesticides, use directions
34. Dated digests of federal laws and regulations

## ATTACHMENT NO. 5

### REPORT OF THE EDITORIAL BOARD

This has been a quiet year for the Board, since no requests requiring our action have been received. This is not an undesirable situation since we have customarily served in a troubleshooting capacity, and I would interpret our inactivity this year as indicating that our editor has not met with any troubles during the year that required outside assistance. I wish to express on behalf of our Com-

mittee our gratitude to our editor, Dr. Don Collins, and our hope that he has by now fully recovered from his serious illness.

J. McLINTOCK

ROBERT OSTERGAARD

WILLIAM B. OWENS

MAURICE W. PROVOST

JOHN R. WALKER

KENNETH L. KNIGHT, Chairman

## ATTACHMENT NO. 6

REPORT OF THE EDITOR OF *Mosquito News* ON VOLUME 31 (1971)

## I. STATISTICS OF VOLS. 30 AND 31 (1970 AND 1971)

Vol. No.	Year	No. of articles	No. of pages of articles	Av. no. pages per article	Total no. pages
30	1970	103	520	5.0	678
31	1971	89	432	5.2	627

II. Comments and summary. One reason for fewer articles was that the backlog that had accumulated before page charges were instituted has largely been liquidated. There appeared to be a slight decrease in the number of articles submitted after page charges were first made, but the number is now holding its own or increasing. Also, I should point out, there were only five Proceedings papers submitted in time for the June number, which is traditionally the "Proceedings Issue." This year it is expected that most of the Proceedings papers will be in the September issue since the meeting is being held so late that the deadline for the June number is already past.

During the past year, that is, in Volume 31, we published the Bylaws as revised through March 14, 1971 (5 pages in the September number) and the membership list and list of subscribers other than members (36 pages) in the June number.

A change has been undertaken in the mailing procedure to facilitate more efficient and more rapid handling of ad-

dress changes. Both our business office and the Boyd Printing Company have installed new equipment.

A proposal has been made to the Directors and to the Editor for support of a system of computerized retrieval of mosquito literature. The system is proposed by Theodore Crovello of Notre Dame, and is known as MODABUND, which is an acronym for *Mosquito Data Bank* at the University of Notre Dame. The system is made possible by the accumulation of approximately 26,000 references in Helen Sollers-Riedel's "Literature References" section in *Mosquito News* over nearly three decades of untiring effort.

The number of references is far too many to search manually for articles of interest, Professor Crovello points out, and he has submitted a paper for *Mosquito News* to explain the computerized procedure. Mrs. Sollers Riedel plans to present a paper at these meetings describing her work with the Literature References section of *Mosquito News*.

## ATTACHMENT NO. 7

## REPORT OF OPERATIONAL ARTICLES COMMITTEE

The accomplishments of the 1971 Operational Articles Committee were few. As is the case with most committees, attainment of goals is related directly to the chairman's efforts in stimulating interest in the committeemen. Only 3 of the 10 members were active. Because of other responsibilities, maximum effort by the Chairman was not possible, and results were somewhat disappointing. Four papers were obtained for publication. Two titles were suggested, but had been previously printed in a state association publication. This Committee submits the following recommendations:

1. Only those persons who feel they have time to devote to the Committee should be selected as committeemen. Perhaps it would be possible to list potential members prior to the national meeting. This would allow the chairman to make

personal contact with them at the meeting and determine their sincerity and ability to do committee work.

2. Continue the selection of committeemen who represent mosquito control throughout the country.
3. Consider the possibility of a session at the national meeting devoted to an open discussion of operational practices in mosquito control.

GEORGE THOMPSON  
JAY GRAHAM  
WILLIAM I. BARTON  
FRED H. LESSER  
ARTHUR F. GEIB  
JACK SALMELA  
ROBERT H. PETERS  
ROBERT ARMSTRONG  
E. ELWOOD LYNCH  
WAYNE C. MACHADO,  
Chairman

## ATTACHMENT NO. 8

## REPORT OF THE FINANCE AND POLICY COMMITTEE

The proposed budget for 1972 was sent to President Rogers on December 8, 1971.

The second assignment to the Committee was to give consideration and make recommendations to bring the Association in line with the charter. A review of the charter was made by Mr. Vannote, and it was brought out that the Association was not operating in accordance with all of the provisions in the charter. Therefore, the following recommendations are made:

1. An addition be made to the bylaws to provide for the appointment by the Board of Governors of an "Association Agent." He must be a resident of New Jersey and a member of the Association. He could be the Regional Director if from New Jersey; however, it would probably be best to appoint an Association Agent who could continue year after year with a permanent address. It would be his job to see that all of the New Jersey requirements in incorporation of the Association were met.
2. In regard to the Board of Trustees, the charter states: "one of whom shall be a resident of this state." The first thought was to make New Jersey a separate region and thus meet this requirement. However, it was brought out by several members of the Committee that inasmuch as the present Regional Director is from New Jersey, the requirement is being met at present. It is, therefore, recommended that a special committee assignment be given to the Finance and Policy Committee for 1972 to come up with redistribution of the Regional Directors so as to equally represent members rather than geographic areas, and which would ensure that there al-

ways would be a New Jersey member on the board, [a requirement of the Laws of the State of New Jersey, in which the AMCA is incorporated].

The third assignment to the Committee was in regard to combining the Secretary and Treasurer, and providing for a Business Manager.

The charter states that there shall be a President, a Secretary, and a Treasurer. It also states "Either the President or the Secretary may be eligible to the office of Treasurer if the bylaws so provide."

There has been much talk about combining the offices of Secretary and Treasurer for more efficient operation. With this in mind, the bylaws should be changed to combine the offices of Secretary and Treasurer into one. This person would be elected to a two-year term by a vote of the membership. His duties would be those now prescribed in the bylaws for the two offices. A provision should be added that the Board may appoint a Business Manager who can perform the duties of the elected Secretary-Treasurer. In such case, the elected Secretary-Treasurer would oversee the office of the Business Manager and carry on the business of the Association in the event the position of Business Manager became vacant.

T. WAYNE MILLER  
 CHARLES F. SCHEEL  
 T. G. RALEY  
 W. D. MURRAY  
 GLEN COLLETT  
 ROBERT L. VANNOTE  
 A. W. BUZICKY  
 RICHARD F. PETERS  
 DON M. REES  
 WILLIAM E. BICKLEY  
 R. E. DORER,  
 Chairman

## BUDGET 1972

## RECEIPTS:

Description	1970 Receipts	1971 Budget	Projected Budget '72 (M.N. June '71)	Proposed Budget 1972
Dues & Subscriptions	\$21,979.77	\$22,500	\$26,600	\$23,500
Advertising	9,259.45	9,000	10,000	10,000
Reprints	3,142.52	3,200	3,200	3,200
Back Issues <i>Mosquito News</i>	651.00	1,000	1,500	500
NIH Grant	1,740.00	2,200	0	2,200
Miscellaneous	32.00	200	300	300
Annual Meeting	1,750.00	3,000	3,500	3,500
Bulletins	2,740.66	4,500	2,000	4,000
Page Charges	7,188.00	6,500	7,000	7,000
Interest	1,718.56	1,600	1,800	2,100
Totals	\$50,201.96	\$53,700	\$55,900	\$56,300

## EXPENDITURES:

Description	1970 Expenditures	1971 Budget	Projected Budget '72 (M.N. June '71)	Proposed Budget 1972
<i>Mosquito News</i>	\$26,794.28	\$28,000	\$29,000	\$29,000
Reprints	2,136.96	2,600	2,600	2,600
Supplies	311.21	300	300	300
Clerical Help	2,000.00	4,000	4,000	4,000
Travel	275.00	240	200	200
Subtotals	\$31,517.45	\$35,140	\$36,100	\$36,100
Secretary—Postage	\$ 562.20	\$ 900	\$ 1,000	\$ 1,000
Forms & Printing	171.36	400	400	400
Office Supplies & Equipment Maint.	60.00	150	200	1,400
Travel	100.00	170	350	350
Clerical	5,030.40	5,300	5,600	5,600
Fidelity Bond	0	0	300	200
Subtotals	\$ 5,923.96	\$ 6,920	\$ 7,850	\$ 8,950
Treasurer Exp.	\$ 136.45	\$ 150	\$ 150	\$ 150
Audit	255.00	500	500	500
Travel	100.00	170	350	350
Fidelity Bond	0	0	0	0
Subtotals	\$ 491.45	\$ 820	\$ 1,000	\$ 1,000
Adv. Mgr. Exp.	\$ 400.00	\$ 500	\$ 500	\$ 500
Travel	200.00	160	200	200
Subtotals	\$ 600.00	\$ 660	\$ 700	\$ 700
Membership	\$ 297.94	\$ 750	\$ 800	\$ 800
Bibliography	726.65	800	600	600
Pres. Office	135.50	500	500	500
Awards Committee				300
Other Committees	109.38	400	400	400
Regional Expenses	89.90	300	300	300
Back Issues <i>Mosquito News</i>	0	1,200	0	1,500
Miscellaneous	846.20	200	200	200
Travel	421.00	1,000	1,000	1,000
Bulletins	4,070.05	3,000	0	3,000
Capital Outlay	0	5,300	0	950
Recording Secretary	150.00	0	0	0
Totals	\$45,379.48	\$56,990	\$49,450	\$56,300



## ATTACHMENT NO. 9

REPORT ON ADVERTISING IN *MOSQUITO NEWS*

The figures below represent transactions during the calendar year 1971 for advertising in four numbers, Volume 31, numbers 1, 2, 3, 4.

Number of active accounts	33
Number of pages of advertising	122½
Receipts:	\$11,138.97
Expenses:	
Postage printing, telephone	\$250.00

BALANCE SHEET—ADVERTISING 1971

Billing for Advertising	\$12,809.81
Less agency discounts	1,670.84
Remitted to AMCA	\$11,138.97
* * * * *	

Advance from AMCA	\$250.00
EXPENSES	
Printing	
Stationery	
Invoices	
Rate Sheets	
Insertion notices	89.00
Postage	
Correspondence	
Invoices	
Plates	
Journals	110.00
Telephone	51.00
Totals	\$250.00

## ATTACHMENT NO. 10

## REPORT OF THE AMCA MEMBERSHIP COMMITTEE

## OBJECTIVES

In the year since the Denver meeting (March 21-24, 1971) the Membership Committee has diligently tried to do four things:

1. recruit as many new members for AMCA and obtain as many new subscribers to *Mosquito News* as possible;
2. retain all existing AMCA members and *Mosquito News* subscribers;
3. spread the word about the values and benefits of AMCA and *Mosquito News* as widely and frequently as possible; and
4. map out plans for improving membership recruitment efforts for next year.

## ACCOMPLISHMENTS

1971-72 was a very active and successful year for the Membership Committee and the results of our combined efforts are presented below:

1. AMCA memberships were solicited

by one or more members of the Membership Committee at the following meetings: Florida Anti-Mosquito Association Annual meeting; Fall Conference of National Mosquito Control-Fish and Wildlife Management Coordination Committee; Louisiana Mosquito Control Association Annual Meeting; Gulf South Council on Wildlife, Fisheries and Mosquito Control Annual Meeting; Malaria Research Symposium (San Salvador, El Salvador); Utah Mosquito Abatement Association Annual Meeting; California Mosquito Control Association Annual Meeting; California Mosquito Control Association's Board of Directors meeting; and Mexican World Veterinary Congress.

2. Designed, printed and used 11,000 sheets of Membership Committee letterhead.
3. Printed and distributed 8,977 AMCA membership forms.

4. Mailed 8,701 "form letters" in stimulating AMCA membership growth. In addition, 584 other letters were written in attempting to recruit new members.
5. Checked the membership list of the Entomological Society of America and the American Society of Tropical medicine and Hygiene against the membership list of the AMCA and wrote letters to all non-AMCA members inviting them to join.
6. Membership Committee members made 65 telephone calls in recruiting new members.
7. 420 mailings were made from the Committee Chairman to Committee Members. Note: In accomplishing the above seven items, the following expenses were incurred by this year's Membership Committee: \$776.60 for postage, \$327.55 for printing, and \$17.00 for envelopes, for a total of \$1,121.15.
4. Direct mail solicitation—through personal letters to prospective members, plus periodic letters to non-AMCA members of allied scientific societies.
5. Recruitment within Academe—enlist help of each AMCA member affiliated with an academic institution in actively recruiting for AMCA members among their colleagues and students, by word-of-mouth, intra-departmental memos, and posted announcements, as well as enlist their aid in checking with their school librarians to see if they are receiving *Mosquito News*.
6. Membership Committee Policy—Continue membership committee policy of: (a) writing every new AMCA member a personal letter welcoming him to AMCA and asking for his help in recruiting his colleagues, (b) writing personal letters asking old members, who give us notice they are dropping out of AMCA, to reconsider, and (c) writing personal letters to all late-dues-paying members encouraging them to continue as active members.
7. Size of Committee—Membership Committee should be made up of at least ten members—one from each AMCA Region.
8. Membership Committee member commitment—each Membership Committee member should make personal commitment to AMCA President that appoints them that they are willing to serve and work.

#### SUGGESTIONS FOR FUTURE AMCA MEMBERSHIP RECRUITMENT

1. Annual meeting recruitment—recruit vigorously and effectively for new members at the AMCA annual meeting on the premise that everyone in attendance must be interested in some facet of mosquito control or they wouldn't be there. A minimum effort in this regard should consist of the following: (a) an exhibit display that is compact, sturdy, lightweight, and easy to pack and ship; (b) a supply of membership application blanks; and (c) continuous manning of exhibit booth during meeting.
2. Regular meeting topic—include AMCA membership recruitment as a program topic at AMCA Annual Meeting and all state and regional mosquito control association meetings.
3. Personal appeal by AMCA members—at training courses, meetings and conventions on mosquito control.

JOHN BRAWLEY

JOHN DAVIES

OSCAR W. DOANE, JR.

JOHN J. DILL

LEWIS FRONK

ROBERT LINKFIELD

LCDR JOHN A. MULRENNAN, JR.

DON J. PLETSCHE

J. A. SCHEMANCHUK

JOHN STONER

GEORGE T. SWEARINGEN

GLEN M. STOKES, Chairman

## ATTACHMENT NO. 11

## REPORT OF LEGISLATIVE COMMITTEE

There does not at this time appear to be any interest in the Federal congress to promote federal funds for mosquito control. This can be attributed for the most part to the lack of interest of the Department of Health, Education, and Welfare.

For all practical purposes the Association can consider the mosquito bill, HR 14234, which has under different forms been before Congress for around 16 years, a dead issue!

President Rogers, and Past-Presidents Peters and Carmichael, during the summer of 1971, met with officials of DHEW and were not encouraged, by their conference, by this agency's present or future support of the mosquito bill.

There are all types of federal and state legislation in the environmental field which affect mosquito control. It can be expected in all states that mosquito abate-

ment by the method of land and water management will have a most difficult time in the future from federal agencies and from state environmental protection agencies.

The one federal bill which will have a direct bearing on the control of mosquitoes will be HR 10729 which passed the House in November and is before committees of the Senate at this time and is expected to be reported out of the Subcommittee on Agricultural Research by mid-April. The bill will replace the existing federal laws on pesticides and control their application by state licensing of all applicators.

It can be expected that mosquito control in the future, which has enjoyed a respected place in the minds of the public, will now take a back seat to the environmentalists of a new era.

JOHN A. MULRENNAN, Chairman

## ATTACHMENT NO. 12

## REPORT OF PUBLIC RELATIONS COMMITTEE

Individually and as a committee, we have been active, especially in the areas of explaining the need for chemicals to reduce mosquito pests and vector disease threats to health, as well as in the larger area of informing whoever will listen that some of the experts may not be providing the whole truth in their statements on pesticides. We have also been active in promoting the other effective methods of mosquito control, within a balanced, integrated approach to the problem.

One occasion stands out especially this past year, and this concerns Venezuelan equine encephalomyelitis. There was a small group of pro-biological control—anti-pesticide people who apparently

chose to twist the truth, to try to scare the public on use of pesticides. Counter statements were made to the press and T. V. but this is no way to influence public opinion.

Your Chairman spoke once as representing the Association, and this was to the Secretary of State's Citizen Advisory Committee on the U. N. Conference on the Human Environment. (Houston 3/16/72), and a committee member spoke individually to a different segment of the same Advisory Committee in Chicago.

Among other action programs, one committee member worked hard in some Illinois villages in an attempt to keep them from adopting anti-pesticide laws

which would stop necessary mosquito control, along with control of other pests.

It has been apparent that the public's health through vector control is not of much concern to the general public. They have apparently had it too good too long and the most likely reason for this is that we have had effective, safe and cheap chemicals. Our major challenge is still great. We need to tell the public this high degree of disease vector control can all change rapidly if capricious or ridiculous laws or regulations are enacted. Within our present technology, the choice still seems to be to have mosquito pests or pesticides.

Our allies in the pesticide fight are the degraded, belittled, legitimately profit-oriented chemical industry members who are being economically forced out of business. The large scale reduction in

research on new pesticides is a very serious situation. We all have a large challenge to educate the public on the risks of *not* having effective chemicals for use.

The Association President has been apprised of most of the activities which directly or indirectly concerned this committee, and its members. All members of the AMCA should be encouraged to get into the fight so that if and when a particular chemical is necessary, it will still be available, and not regulated out of use.

D. D. MILLER

JAMES D. LONG

H. F. SCHOOF

W. G. EDEN

ROY J. LEDBETTER

RONALD L. WOLFE

MICHAEL SHINKEL

W. E. HAZELTINE, Chairman

## ATTACHMENT NO. 13

### REPORT OF THE AWARDS COMMITTEE

The Committee began its task on May 24, 1971, when first contact was made with all of the members in order to obtain their views as to types of awards to be considered, criteria for selection, and related problems. By early November, the Committee had decided unanimously that:

1. There should be two types of awards:
  - a. "Medal-of-Honor" type award for exceptional contribution(s) to mosquito control.
  - b. Distinguished or meritorious service award for outstanding service to the AMCA.
2. Both types of awards should include appropriate recognition, i.e., a certificate or a plaque.

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

- a. Type "a" award—maximum of two per year.
- b. Type "b" award—maximum of ten per year.

No criteria were set forth for the selection of awardees except that their contributions of whatever type, must be judged by their peers to be truly outstanding. As a matter of general policy, only AMCA members are eligible for either of these awards, and former presidents of the AMCA are not eligible for the meritorious service award.

At the request of the Awards Committee, President Rogers asked Executive

Secretary Ted Raley to circulate these recommendations to the Board of Directors for approval or disapproval. All votes received were affirmative and the Committee was thereby authorized to proceed with the selection of awardees.

In January, 1972, The Regional Directors were requested to contact the AMCA members in their respective regions, asking them to submit nominations for both types of awards along with a nominating statement about each candidate, using a form which the Committee had drawn up for this purpose. It was felt that the Directors could lend a more personal touch in soliciting nominations this first time rather than having a mailing from the central office. Information concerning awards for future years will be mailed out to the general membership by the central office.

Following the receipt of nominations

from the regions by March 1, each member of the Awards Committee was supplied a list of all nominees and the names of members who had submitted nominating statements in behalf of each nominee. Based on the votes of all except one member of the Committee, who was unavoidably late in supplying the information, two members were selected to receive the "type a" award and four members to receive the "type b" award for 1972. Plans are being finalized to present these awards on April 26, 1972.

CHARLES ANDERSON  
ROBERT ARMSTRONG  
BRUCE BROCKWAY  
ARCHIE HESS  
GARDNER MCFARLAND  
HARRY PRATT  
FRANK WILSON  
Don Micks, Chairman

## ATTACHMENT NO. 14

### REPORT OF WORLDWIDE COMMITTEE

#### A. Significant International Developments:

Several meetings of special note took place during 1971. The International Conference on Alternative Insecticides for Vector Control was held February 15-19, 1971, in Atlanta, Georgia, sponsored jointly by Emory University, the World Health Organization (WHO), and the Center for Disease Control (CDC) of the U. S. Public Health Services (PHS). This Conference afforded scientists concerned with the synthesis and toxicity of insecticides the opportunity to discuss the development of insecticides having greater selectivity and biological degradability than many of those currently in use. Anticholinesterase compounds, pyrethroids, DDT analogues and insect hormones were the major groups of insecticides discussed. A special triple number of the Bulletin of the WHO, Vol. 44, No.

1-2-3:1-470, 1971 was published as the proceedings of this Conference.

Another important meeting was the Inter-American Malaria Research Symposium held November 1-4, 1971, in San Salvador, El Salvador. This Symposium, sponsored by the Government of El Salvador, the Pan American Health Organization and CDC was arranged to provide malaria research scientists and those responsible for administration of malaria programs a forum to exchange views on the status of malaria research, the application of recent findings and the identification of promising areas of inquiry. More than 200 persons engaged in malaria research or eradication program activities attended this unique meeting. Proceedings will be published in a special number of the American Journal of Tropical Medicine and Hygiene.

DDT has been on "public trial" during

much of the past year. During 1971 and continuing into 1972, more than 7 months of public hearings were conducted under the aegis of the Environmental Protection Agency (EPA) at the request of DDT registrants. Over 9,000 pages of testimony, with 324 exhibits by 125 witnesses, were presented. Findings and recommendations of the Hearing Examiner are to be submitted to the Administrator of EPA, who by law is required to make a decision by mid-June as to what uses of DDT are to be permitted. Whatever the outcome, it is apparent that DDT still is required for international malaria control and eradication programs. Loss of this material as an anopheline insecticide would have disastrous effects on people in countries where malaria still is a serious problem. The WHO and the PHS have urged that DDT usage for adult anophelines not be curtailed. More than 40,000 tons of 75% DDT water-dispersible powder are being applied to human dwellings annually on a worldwide basis as the principal anti-malaria weapon in the continuing fight against this mosquito-borne disease.

## B. Technical Developments

On a worldwide basis, many technical developments pertaining to mosquito control took place. Some of the most significant are as follows:

1. *Aedes*. *Aedes aegypti* is the most important, and perhaps the only, vector of dengue haemorrhagic fever through extensive areas of the Western Pacific and South East Asia ranging from Manila to Ceylon. The WHO *Aedes* Research Unit in Bangkok, Thailand has been carrying out extensive studies on methods and materials for the effective and economical control of this species. Previous research has shown that 1% Abate sand granules will provide as long as 16 weeks of effective control in large clay water jars. Earlier field trials have shown that two applications of malathion ULV concentrate at a target dosage of 6 oz/acre applied by aircraft would provide as long

as 10 days of effective control in urban areas. Since such aerial applications demand highly skilled pilots and aircraft with proper equipment which is not always readily available, work at the Unit in 1971 has been concentrated on trials of ULV applications by ground equipment. Both the LECO and the Mity Moe have been shown to provide rapid and effective control of adult populations of *Ae. aegypti* and under the conditions of Bangkok fenitrothion appears to provide more effective control than malathion. Work is still in progress, but the ready use of such ground equipment shows considerable promise for the future when rapid control must be achieved during epidemic outbreaks.

2. *Anopheles*. The first signs of anopheline resistance to insecticides other than chlorinated hydrocarbons were reported in 1965 with slight increases in tolerance to malathion of *Anopheles albimanus* in Guatemala and Nicaragua. The existence of malathion-resistant populations of this vector was confirmed later in El Salvador; selection was related to heavy applications of several organophosphorus insecticides, including parathion, methyl parathion, malathion and trichlorfon, on cotton fields. The resistance level was rising during the agricultural spraying season and decreasing slowly thereafter. This situation induced the replacement of malathion by the carbamate insecticide propoxur in some areas of several countries of Central America. The use of carbamate both for cotton dusting and in residual applications against *An. albimanus* resulted, in turn, in the selection of propoxur-resistant populations of *An. albimanus* in various cotton-growing areas, especially in El Salvador and in Nicaragua. The level of resistance to propoxur in field populations of *An. albimanus* ranges from moderate to high, according to the season. Very highly resistant strains can easily be selected in the laboratory. The propoxur-malathion resistant populations are also resistant to carbaryl, parathion, methyl parathion and fenitrothion, but have a

normal, or subnormal susceptibility to Abate, Dursban, dichlorvos and fenthion. It should be remembered that Abate can be used efficiently only as a larvicide; that Dursban and fenthion usually are not recommended for house-spraying due to their relatively narrow safety margin for spraymen inside houses; and that dichlorvos is a poor insecticide for anopheline control in well-ventilated houses and/or against malaria vectors with exophilic tendencies. These factors emphasize the gravity of the situation facing malaria control organizations especially in Central America. Furthermore, it must be remembered that crop protection using a greater variety and larger amounts of insecticides than utilized by most health departments may develop sooner or later in many other areas of the world.

Due to the cost of developing new insecticides, and to the length of investigations needed for establishing their safety when routinely sprayed inside houses, very few new compounds which could be considered for malaria control operations have been submitted to the WHO. Only one insecticide—fenitrothion—known for several years, has been both available and sufficiently promising to be evaluated by WHO in a relatively large area. An operational and entomological evaluation of fenitrothion was carried out in the Kisumu area of western Kenya between August 1969 and December 1971 in a 23 sq. km. area having 21,000 inhabitants. Five rounds of insecticides were applied; results have been striking, with a residual effect increasing with each round, lasting six months during the fourth and fifth rounds. House-resting and man-biting densities of both *An. funestus* and *An. gambiae* s. l. became almost nil and even the larval densities of these vectors appeared to be strongly depressed in the breeding places of the treated area. The epidemiologic evaluation of this compound is planned for the period 1973-75 in one neighboring area of western Kenya populated by 50,000 inhabitants, should WHO find

sufficient resources to carry out such a large trial, which must be made to give the final and decisive evidence of the potential of fenitrothion for malaria control in problem areas of the tropical African savannah.

*An. culicifacies* resistance to DDT has been a major cause of concern in West Pakistan during the past year. BHC is to be used as a substitute residual insecticide for spraying the insides of houses. In western India where *An. culicifacies* has been resistant to DDT in the States of Gujarat and Maharashtra, BHC was effective for several years before resistance to BHC was encountered. Malathion now is being used as a residual house spray in those areas.

3. *Culex. Culex pipiens fatigans* is the main urban vector of Bancroftian filariasis in most areas of the world where this disease exists. For several years, WHO maintained a field research unit in Rangoon, Burma; the methods and materials developed by this research unit in an experimental field trial area in Rangoon proved to be so successful that the Government of Burma has now extended control operations using fenthion larvicide at a target dosage of 1 ppm to the entire city and is planning to extend the program to the rest of the country as well in all areas where filariasis is endemic. The use of fenthion in the very highly polluted habitats has been shown to be far more economical, effective and considerably more persistent than the previously utilized fuel oil which was being applied to sewage ditches and pit latrines.

Of the larvicides available for the control of *Culex tritaeniorhynchus* and *C. annulus*, important vectors of Japanese encephalitis, Dursban has proved to be the most effective of those tested in Taiwan; however, Dursban is the most toxic to larvivorous fish of those tested in Korea. Excellent adult control of *C. tritaeniorhynchus* was obtained near Chieng Mai, Thailand, with ULV application of fenitrothion from a large ground applicator. Quite good control of this vector

is obtained in Korea with thermal aerosols containing naled. Good but transitory control is obtained by aerial ULV application of malathion at 10 oz/acre, but not at 5 oz/acre.

#### C. Distribution of Subscriptions of *Mosquito News* and Members

The combined total of members and subscribers has increased during the past year from 2,138 to 2,245 (Feb. 17, 1972) and this increase is reflected in the total non-U. S. members and subscriptions. There are now 92 countries represented with the total of 2,245 subscriptions of which 1,576 are sent to members. There were 11 new countries or territories added to the subscription list during 1971, and a loss of 5, for a net increase of 6 countries or territories. The data for all countries and territories are presented in Table 1. The Worldwide Committee, on behalf of the AMCA, welcomes all new members and subscribers including those from British Solomon Islands, Bulgaria, Brunei, Chile, Taiwan, Dahomey, Fiji, French Polynesia, Hong Kong, Netherlands Antilles and New Guinea that now are represented.

Many subscriptions also are sent to APO and FPO addresses, or to Canal Zone, Puerto Rico and Guam, all of which are included in the total for U.S.A. members and subscribers.

#### D. Publication of International Articles.

Articles were solicited in various countries outside of the U.S.A. from individuals who possibly might have material of interest to readers of *Mosquito News*. Specifically, letters were sent to key persons in more than 10 countries of Africa, Asia and the Latin American-Caribbean Region. The Committee is hopeful that manuscripts eventually may be forthcoming as a result of this correspondence. However, the membership of AMCA is requested to send suggestions to either Dr. Jamnback or the Chairman of the Committee, with names and addresses of

individuals who might possibly be interested in publication in *Mosquito News* of manuscripts dealing with reviews of research on mosquitoes, mosquito control or anti-malaria programs, especially from countries or regions where there has been a dearth of such information published previously.

#### E. International Relationships.

The Committee encourages the strengthening of mosquito control and related vector-borne disease control activities in all countries. There is much promotional work that could be done, but only a small fraction is being accomplished. When inquiries are received for publications, these are fulfilled, if possible. One of the major problems in this regard is the inability of AMCA to provide subscriptions to individuals or organizations in countries without dollars to pay for *Mosquito News*. Formerly this need was filled by the Good Neighbor subscriptions but at present this source is no longer available for providing *Mosquito News* to worthy recipients. In answer to various requests for literature or other assistance received from Nigeria, Czechoslovakia, Indonesia, and England, material was provided through this Committee to the extent that reprints and literature were available.

The listing prepared last year of Directors of Anti-malaria Programs has been revised to include several changes of directors, new addresses and additional countries not shown previously. Copies are available by writing to the Chairman of the Committee or to the Executive Secretary of AMCA.

In an effort for AMCA to become better acquainted with research workers in various countries, two of the Committee members, Dr. Linkfield and Dr. Brecland, are hoping to compile a list on a regional basis giving name, address, main responsibility (e.g., malaria eradication), and secondary interests (e.g. anopheline biology, ecology, epidemiology, taxonomy, equipment development). Initially, let-



ters of inquiry are being sent to some 50 key people of governmental, academic and international organizations in the Latin American-Caribbean Region in an attempt to obtain this information.

At the 1971 Annual Meeting, attention was called to the problem faced by overseas members when important announcements were sent by surface mail, thereby preventing reply within the time limitations for submission of papers and such other deadlines. These items are now being sent by airmail to members, thereby permitting timely reply.

The Regional Director for Latin American-Caribbean Region, Dr. Pletsch, has taken steps to strengthen the unity of members within this Region. Specifically, the following measures were taken:

1. Two newsletters were mailed to all members of the Region during 1971, covering salient points of the 1971 annual meeting, election alerts for balloting on regional director, and action in recruitment of new members.
2. The Inter-American Malaria Research Symposium held in El Salvador, as mentioned above, permitted contacts among members of the region and among regional and non-regional members. An AMCA breakfast was organized to facilitate

such contacts. Thirty members were able to attend the session.

*Acknowledgments.* The Committee Chairman wishes to thank the members of the Committee who assisted so willingly and capably in carrying out the Committee functions. Special thanks are due to Miss Parsons for analyzing the subscription list and preparing Table 1.

WHO staff members provided the major portion of the technical developments review—Dr. J. Hamon the *Anopheles* section (except the information regarding *An. culicifacies*, which was provided by Mr. Smith); Dr. Norman G. Gratz the information pertaining to *Aedes aegypti* and *Culex pipiens fatigans*; and Dr. A. W. A. Brown the section on *C. tritaeniorhynchus* and *C. annulus*.

All AMCA members are requested to provide suggestions or information pertaining to international activities of the Association. The potential for increased worldwide activity continues to be a great challenge to the entire membership.

SAMUEL G. BREELAND  
 RICHARD F. DARSIE, JR.  
 HUGO A. JAMNBACK  
 ROBERT L. LINKFIELD  
 MARGARET A. PARSONS  
 DONALD J. PLETSCH  
 H. RAFATJAH  
 EDGAR A. SMITH  
 DONALD R. JOHNSON, Chairman

TABLE 1.—Distribution of 1972 *Mosquito News* Subscriptions (and AMCA Members)<sup>1</sup> Compared to 1971 Subscriptions

Country or Territory	1972	1971	Country or Territory	1972	1971
Afghanistan	2 (1)	1	Khmer Republic <sup>2</sup>	1	1
Algeria	1	1	Korea, Republic of	4 (2)	3
Angola	1	1	Lebanon	2	3
Anguilla	0	1	Liberia	1	2
Argentina	3 (2)	4	Libya	1	1
Australia	23 (19)	23	Malagasy Republic	2 (1)	2
Austria	2	1	Malaysia	9 (3)	8
Barbados	1 (1)	1	Mexico	7 (6)	5
Belgium	2	2	Morocco	2	1
Brazil	12 (7)	12	Nepal	1	1
British Solomon Islands	1	0	Netherlands	14 (3)	18
Brunei	1	0	Netherlands Antilles	7 (6)	0
Bulgaria	1	0	New Guinea (Australia)	2	0
Burma	1	2	New Zealand	2	3
Cameroon	1	1	Nigeria	6 (2)	5
Canada	79 (42)	75	Pakistan	5 (1)	6
Cayman Islands	2 (2)	2	Panama	1 (1)	1
Central African Rep.	0	1	Philippines	4 (2)	6
Ceylon	1	2	Poland	3 (1)	3
Chile	1	0	Portugal	4 (2)	2
China (Taiwan)	1 (1)	0	Rhodesia	3 (1)	3
Colombia	2 (2)	4	Romania	1	1
Congo	3 (1)	3	St. Lucia	3 (3)	2
Costa Rica	4 (3)	3	Saudi Arabia	4 (1)	3
Cuba	0	1	Senagal	3 (1)	2
Czechoslovakia	4	4	Singapore	2	1
Dahomey	1	0	South Africa	8 (1)	3
Denmark	3	2	Sudan	2	1
El Salvador	3 (3)	2	Surinam	1 (1)	2
Ethiopia	2	2	Sweden	2	2
Fiji	1	0	Switzerland	12 (6)	10
Finland	2 (1)	3	Syria	1	1
France	16 (3)	15	Thailand	9 (4)	11
French Polynesia	1	0	Trinidad and Tobago	3 (3)	4
Gambia	1 (1)	1	Trucial States	0	1
Germany	15 (3)	14	Turkey	1	2
Ghana	1	1	Uganda	1	1
Greece	0	1	United Arab Republic	7 (3)	7
Guatemala	1 (1)	1	United Kingdom	35 (9)	36
Guyana	1 (1)	2	United Rep. of Tanzania	5 (2)	5
Hong Kong	2 (2)	0	U.S.S.R.	16	16
India	17 (1)	15	U.S.A.	1,741 (1,391)	1,658
Indonesia	4 (2)	4	Upper Volta	1	2
Iran	4 (1)	8	Venezuela	8 (4)	10
Iraq	3	3	Vietnam, Republic of	0	1
Israel	4	6	Yemen, Peoples Republic of	1	1
Italy	10 (1)	9	Yugoslavia	1 (1)	1
Jamaica	3 (1)	2	Zambia	1	2
Japan	44 (9)	39			
Kenya	7 (4)	3	Total	2,245 (1,576)	2,138

<sup>1</sup> Total combined number *Mosquito News* subscriptions including subscriptions of members given for each country (followed by actual number of members, indicated parenthetically), as of Feb. 17, 1972.

<sup>2</sup> Formerly Cambodia

## ATTACHMENT NO. 15

REPORT OF AMCA REPRESENTATIVE NATIONAL MOSQUITO CONTROL-FISH AND  
WILDLIFE COORDINATION COMMITTEE

The National Mosquito Control-Fish & Wildlife Management Coordination Committee was organized in 1960 and meets regularly in Washington, D.C. to discuss subjects of common interest and to stimulate and coordinate regional meetings of field workers.

The current membership is as follows:

W. W. Dykstra (Chairman),  
Fish and Wildlife Service  
C. H. Schmidt (Secretary),  
U. S. Dept. of Agriculture  
R. F. Hutton  
American Fisheries Society  
L. R. Jahn  
Wildlife Management Institute  
H. D. Pratt  
Public Health Service  
R. L. Vannote  
American Mosquito Control Assoc.  
F. J. Murphey, Alternate  
American Mosquito Control Assoc.  
T. Devaney  
Environmental Protection Agency

The major activity of the Committee during 1971 was the planning and preparation for the Second Gulf Conference on Mosquito Suppression and Fish and Wildlife Management held in New Orleans, Louisiana on October 20-22, 1971, jointly sponsored by the Louisiana Mosquito Control Association.

This conference was very well attended and the American Mosquito Control Association was represented by its President and a large number of its members. Proceedings will be available early in 1972.

The Committee acknowledges, with appreciation, the receipt of \$100.00 from the American Mosquito Control Association which was used, along with other contributions, to help defray the costs of the Secretary's office.

ROBERT L. VANNOTE

## ATTACHMENT NO. 16

## REPORT OF THE 1971-1972 NOMINATING COMMITTEE

The AMCA Nominating Committee after due deliberation, presents the following slate of candidates to the Membership and the Board of Directors and places their names in nomination:

*For the Office of President-Elect*

Dr. Kenneth L. Knight  
Chairman, Department of Entomology  
North Carolina State University  
Raleigh, North Carolina 27607

*For the Office of Vice-President*

Dr. Robert L. Altman

Maryland State Entomologist  
University of Maryland  
College Park, Maryland 20742

D. M. JOBBINS  
CLAUDE SCHMIDT  
T. O. FULTZ, JR.  
P. B. BROCKWAY  
C. A. VIESER  
J. A. DOWNES  
WILLIAM F. RAPP, JR.  
ROY J. MYKLEBUST  
PATRICK J. NAKAGAWA  
CHARLES M. KEENAN  
A. W. BUZICKY, Chairman

## ATTACHMENT NO. 17

## REPORT OF THE RESOLUTIONS COMMITTEE

## Resolution No. 1

WHEREAS, the 28th Annual Meeting of the American Mosquito Control Association, Inc., is being held April 23-26, 1972, in Miami Beach, Florida, in conjunction with the Florida Anti-Mosquito Association on the occasion of their fiftieth anniversary as a mosquito control association, now therefore

BE IT RESOLVED, that the membership of the American Mosquito Control Association, Inc., extend thanks to the Florida Anti-Mosquito Association for the opportunity to meet with them on this auspicious occasion and also extend heartiest congratulations for fifty years of outstanding mosquito control activities.

BE IT FURTHER RESOLVED, that we express our appreciation for the warm welcome and hospitality extended to us by the Honorable Robert Goodman, Vice Mayor of the city of Miami Beach, by Mr. Frank L. Wilson, President of the Florida Anti-Mosquito Association, and by other officers and members of the host organization.

## Resolution No. 2

WHEREAS, this has been an outstanding meeting, now therefore

BE IT RESOLVED, that we record our utmost appreciation to all of the officers and committees of both organizations who contributed to the planning and operation of this most successful meeting. Special thanks for a job well done are accorded to the Program Chairman, Dr. Kenneth L. Knight, and to James Heidt and other members of the Florida Anti-Mosquito Association.

## Resolution No. 3

WHEREAS, the success and reputation of the American Mosquito Control Association depends on the dedication of

its officers, committee members and the quality of its publications, now therefore

BE IT RESOLVED, that we extend sincere appreciation to the officers and committees of the American Mosquito Control Association for the outstanding services they have performed during the past year.

BE IT FURTHER RESOLVED, that we once again extend our gratitude to our indispensable editor, Dr. Donald Collins, and his staff for their continuing work in maintaining *Mosquito News* as an outstanding professional publication during all the years of its existence.

## Resolution No. 4

WHEREAS, the various exhibitors and sponsors have done much to contribute to the overall success of these meetings, now therefore

BE IT RESOLVED, that we extend our appreciation and thanks to these companies and corporations for their many informative exhibits and sponsorship of various special activities and for their many years of faithful support at our annual meetings.

## Resolution No. 5

WHEREAS, the American Mosquito Control Association owes its success to the faithful support of its members and whereas many members past and present have made exceptional contributions, now therefore

BE IT RESOLVED, that we continue to recognize and honor those whose devotion and service deserve special commendation.

BE IT ALSO RESOLVED, that we annually pay tribute to departed members and recognize posthumously their contributions and that the Executive Secretary continue the policy of sending on behalf of all members of the American Mosquito Control Association, an expression of

deepest sympathy to the immediate family of the deceased member.

#### Resolution No. 6

WHEREAS there is still a compelling need for safe and effective chemical as well as non-chemical means of mosquito control and

WHEREAS there have been much misleading data given to the public on mosquito control hazards, particularly in reference to the use of chemicals and

WHEREAS the American Mosquito Control Association has the outstanding expertise to evaluate both the risks and benefits of mosquito control, now therefore

BE IT RESOLVED that the membership of this Association recognize and accept its responsibility to the citizens of this country to protect their health through effective integrated mosquito control and further recognize that, without chemicals to use, the levels of insects can be expected to rise, ultimately resulting in increased annoyance and greater risk of disease

BE IT FURTHER RESOLVED that this Association respectfully ask agencies of government who contemplate changes in laws and regulations which may consequently have an adverse affect on the health and well being of people, domestic animals and wildlife, to invite the expert comment and guidance which this Association can provide.

Secretary instructed to send copies of this resolution to appropriate state and local government bodies as well as federal legislative committees, departments and agencies.

#### Resolution No. 7

WHEREAS The American Mosquito Control Association has for many years recognized the need for federal assistance to the existing mosquito control programs throughout the country and the need to expand the protection afforded by control programs into areas where such

protection is not now available and

WHEREAS the control of mosquitoes has become increasingly difficult with the development of resistance to many insecticides and the decline in the development of new insecticides now

THEREFORE BE IT RESOLVED that the American Mosquito Control Association whole-heartedly support the passage of the Boggs Mosquito Control Bill H.R. 14234 and that passage of this bill is recommended with or without the approval of the federal agencies designated to administer the bill.

#### Resolution No. 8

WHEREAS the United States Department of Agriculture has traditionally provided expert mosquito identification at the U. S. National Museum in Washington D.C. through the highly professional services of Dr. Alan Stone and

WHEREAS Dr. Stone has now retired and such services have been discontinued, now

THEREFORE BE IT RESOLVED that the American Mosquito Control Association send a letter to the Honorable Earl Butz, Secretary of Agriculture, commending Dr. Stone for his outstanding and distinguished services to the science of entomology during his career as a scientist with the U. S. Department of Agriculture

BE IT FURTHER RESOLVED that a special request be made to the Secretary of Agriculture to continue to provide expert mosquito identification services at the U. S. National Museum and that it be stressed that such services are essential to mosquito pest management programs in the United States.

PAUL HUNT

GARDNER C. McFARLAND

WILBUR R. MITCHELL

JOHN STONER

A. WARREN WHEATLEY

A. S. WEST

LT. COL. HARLAND W. FOWLER, JR.

LEWIS T. NIELSEN, Chairman

## ATTACHMENT NO. 18

## REPORT OF THE BYLAWS COMMITTEE

Several changes in the bylaws of the Association were submitted to the Bylaws Committee for consideration.

One change suggested by Ted Raley concerned increasing the requirements for Emeritus class of membership. A number of changes were suggested in the Report of the Finance and Policy Committee including combining the offices of Secretary and Treasurer and providing for a Business Manager or Executive Director. The Finance and Policy Committee also recommended the addition of an Association Agent to comply with the Corporate Laws of New Jersey. Some opposition has been expressed to creating a "flunky" type of position on the Board of Directors. Much thought and careful consideration should be given to establishing this position by the Board of Directors.

The full report of the Finance and Policy Committee was submitted to the Board of Directors some time ago. This is to bring before you the changes which should be made in the Bylaws to effect the proposed consolidation of the Secretary and Treasurer offices. Also to ask your further consideration and appropriate action on the other proposed changes.

JAY E. GRAHAM  
RICHARD F. PETERS  
PAUL HUNT  
JOHN C. KUSCHKE  
JAMES D. GORMAN, Chairman

PROPOSED CHANGES IN THE BYLAWS OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION, TO BE PRESENTED AT THE 1972 ANNUAL MEETING AND TO BECOME EFFECTIVE IMMEDIATELY IF ADOPTED

*ARTICLE III, Membership and Dues*

*Section 1. Classes of Membership. Amend to read as follows:*

d. Emeritus Member—Members retiring from active service who shall

have been members in good standing of the Association for at least twenty (20) consecutive years immediately prior to retiring upon application may become emeritus members. Emeritus members shall be exempt from payment of dues, shall upon annual application receive MOSQUITO NEWS, and be entitled to all privileges enjoyed by members as defined under Article III, Section 1, a.

*ARTICLE V, relating to the Board of Directors*

*Section a. Members of the Board. Amend to read as follows:*

- a. Members of the Board. The Board of Directors shall consist of one Regional Director from each of the ten (10) regions of the Association and seven (7) Directors at large who shall be:
  1. The Chairman of the Board and President of the Association.
  2. The President-elect.
  3. The Vice President of the Board and Vice President of the Association.
  4. The Secretary-Treasurer of the Association.
  - 5.6. The retiring President of the Association and his immediate predecessor.
  7. The Executive Director of the Association, who shall be a non-voting member appointed by the Board.

*Section b. Terms of Office. Amend to read as follows:*

- b. Terms of Office. The terms of office of the elective officers and of the appointed Executive Director are:

1. The President of the Board and President of the Association, one year.
  2. The President-elect, one year.
  3. The Vice President of the Board and Vice President of the Association, one year.
  4. The Secretary-Treasurer of the Association, two years.
  5. The Executive Director of the Association, two years.
  6. The ten Regional Directors, each a two-year term, five of the ten to be elected each year.
- c. The Secretary-Treasurer of the Association shall be provided paid clerical services to:
    1. Prepare and keep up to date a membership roster, including such pertinent information about members as directed by the Board of Directors and to discharge all other clerical duties that may be specifically assigned to the Secretary-Treasurer in other parts of these bylaws.
    2. In advance of the mailing date, advise the publisher of MOSQUITO NEWS of any new names that should be added to, and of any names that should be dropped from, the mailing list, or confirm the existing mailing list if no changes are to be made.
    3. Collect and record all dues, and other moneys due the Association.
    4. For the collection of dues, he shall bill each member for current and unpaid dues and any other charges due the Association, at least one month before January 1.
    5. To reach members at least one month before the "delinquency" date, June 1, he shall send a "second notice" statement of still unpaid dues, quoting the bylaws to the effect that if dues are not paid by June 1, the member becomes automatically not in good standing and no longer eligible for membership privileges.
    6. To serve as custodian, distribute, bill and collect for all Association publications that are not mailed directly by the publisher.

*ARTICLE VI, relating to Powers and Duties of Officers*

*Section 4, Secretary-Treasurer, Amend to read as follows:*

Section 4, Secretary-Treasurer. The Secretary-Treasurer of the Association shall have the following duties:

- a. As Secretary he shall be responsible for setting in motion and following through with any action by the Board of Directors for:
  1. Current activities
  2. For furthering development of the Association and
  3. For coordinating the objectives, policies, responsibilities and services of the Association.
- b. The Secretary-Treasurer shall be responsible for keeping of the minutes of the Association and Board of Directors when assembled in general meeting and of such other meetings as may be held. He shall be responsible for keeping in order and for compiling from time to time for information of the membership through publication in MOSQUITO NEWS reports of proceedings derived from such meetings and from proceedings of the Board of Directors as carried on by correspondence.

and in this capacity shall use the title Secretary of the Corporation.

- c. The Secretary-Treasurer shall prepare and submit all reports to the State of New Jersey as required by the Corporate Charter of the Association and the laws of the State of New Jersey.
- f. Receive and record all moneys paid the Association; and shall make disbursements as directed by the Board of Directors.
- g. Serve as custodian of title deeds, business papers, bonds and other securities belonging to the Association.
- h. Shall engage a certified public accountant to audit the books annually.
- i. Shall submit to the Board of Directors a financial statement for the current year together with the report of the auditor.
- j. Together with the Finance Committee, he shall prepare budget estimates for the next fiscal year for consideration by the Board.
- k. The Secretary-Treasurer shall be bonded by a recognized company.

#### *Section 5. Executive Director*

The Executive Director shall perform the following duties:

- a. As Executive Director he shall perform the routine duties of the office of Secretary-Treasurer as outlined in Section 4 of these bylaws.
- b. The Executive Director shall acquaint the Secretary-Treasurer with the routine business of the Association to the extent that the Secretary-Treasurer is able to perform these duties in the event the position of Executive Director becomes vacant.
- c. The Executive Director shall perform such other duties as may be prescribed by the Board of Directors.
- d. The Executive Director shall be bonded by a recognized company.

*Section 6. Board of Directors—Amend to read as follows:*

- i. The Board of Directors shall appoint for a two-year term the Executive Director of the Association. At the pleasure of the Board this officer may succeed himself for an indefinite number of terms. This provision shall become effective upon its adoption by the membership, provided, however, that the first appointment under this provision shall not be made before the time of expiration of the present term for this office.

*Section 7. Association Agent. New section to read as follows:*

Section 7, Association Agent. The Board of Directors shall appoint an "Association Agent," for a one year term, who shall be a resident of the State of New Jersey and a member of the Association. This Officer may succeed himself for an indefinite number of terms. He shall assist the Secretary-Treasurer in the preparation of all reports to the State of New Jersey as required by the Corporate Charter of the Association and the laws of the State of New Jersey.

#### *ARTICLE VII, Nomination of Officers*

*Section 2. Duties of the Nominating Committee*

The Nominating Committee shall submit to the Executive Director four (4) months prior to the next annual meeting its nomination or nominations, if not unanimous, for each office to be filled in the ensuing year, except the office of Regional Director. All nominations including write-in candidates, shall carry the consent of the nominee and assurance that he will serve if elected.



## ARTICLE VIII, *Annual Meetings and Election of Officers*

### Section 2. *Election of Officers*

The Executive Director shall prepare a ballot containing the names of the nominees referred to him by the nominating committee and a space for a write-in candidate for each office, which ballot shall be mailed to every member in good standing approximately three months prior to the annual meeting. The ballot, in order to qualify for counting, shall be returned by the individual members to the Executive Director at latest by the date of the business meeting immediately previous to the annual meeting. The ballots shall be opened and tallied by the Executive Director in company of at least two other officers or directors of the Association, and the results of the election shall be presented to the membership during the regular business meeting. All elective officers shall be elected by a plurality of the total votes cast for each office. The name of the

current President-Elect, who automatically ascends to the office of President, shall not appear upon the ballot for election of officers. In case of a tie vote for any elective office, except regional director, the election will be decided by a majority vote of the members voting at the annual business meeting.

## ARTICLE XI, *Amendment to the Bylaws*

### Section 1. *Report of Bylaws Committee.*

All proposals to amend the bylaws shall be submitted to the Executive Director or to the Chairman of the Bylaws Committee at least four (4) months prior to the date of the annual meeting. The report and recommendations of the Bylaws Committee shall be sent to the members of the Board of Directors at least sixty (60) days prior to the annual meeting, and the Executive Director shall mail copies of the report to each member of the Association at least thirty (30) days prior to the annual meeting.

## ATTACHMENT NO. 19

### REPORT OF THE MOSQUITO TAXONOMIC GLOSSARY COMMITTEE

At the Williamsburg meeting (1969), a proposal was made by the present chairman of this committee that the American Mosquito Control Association sponsor the production of a Mosquito Taxonomic Glossary. The purpose of this project would be to begin a movement towards the production of a standardized set of terms for the anatomical structures of all the life stages of mosquitoes. This proposal was passed by the Board of Directors and President Carmichael instructed Kenneth L. Knight to organize an appro-

priate committee. This was done and work on the project was begun later in the year.

As plans were developed, it was proposed that the glossary would be prepared in increments and that each increment would be published as a preliminary form in the *Mosquito Systematics Newsletter*. This would give interested individuals an opportunity to consider fully all proposed terms and their definitions and to write in rebuttal if this seemed indicated. When the glossary is complete, it is planned that

the parts be assembled in revised form and published under a single cover.

Part I appeared in February 1970 and was submitted as an enclosure to last year's report. Following that, Dr. Jean L. Laffoon, Department of Zoology and Entomology, Iowa State University, Ames, became a co-worker in the project. This was done because he is working on anatomical terminology for all insects and has developed a tremendous knowledge and file on this subject. His participation has immeasurably improved the quality and the comprehensiveness of the effort.

Parts II through VIII have now appeared and preparation of Part VIII is

well along. One or two parts remain beyond that. Following that a period of about 6 months will be required for preparation of the final manuscript.

The services of an artist, originally Mrs. Y. C. Lee and now Mrs. S. Tung, have been made available to the project by the Southeast Asia Mosquito Project through the auspices of Dr. Botha de Meillon. This is an Army-financed project located at the Smithsonian Institution. Present plans are that this project will also handle publication of the final manuscript.

HARRY PRATT  
ALAN STONE  
BOTH A DE MEILLON  
KENNETH L. KNIGHT, Chairman

## ATTACHMENT NO. 20

### AMCA 1972 COMMITTEE APPOINTMENTS

#### 1. EDITORIAL STAFF—*Mosquito News*

DONALD L. COLLINS, Editor  
HELEN SOLLERS-RIEDEL  
DONALD E. WEIDHAAS  
AUSTIN W. MORRILL  
HUGO JAMNBACK

#### 2. EDITORIAL BOARD—*Mosquito News*

KENNETH L. KNIGHT, Chairman  
ROBERT OSTERGAARD  
M. W. PROVOST  
JOHN R. WALKER  
WM. B. OWENS

#### 3. AMCA PUBLICATIONS COMMITTEE

WILLIAM E. BICKLEY, Chairman  
C. DONALD GRANT  
W. S. MURRAY  
WILLIAM ROGOFF  
BILLY RAY WILSON  
MEL BORHAM

BRUCE FRANCEY  
HAROLD NEWSON  
HAROLD CHAPMAN  
EUGENE GERBERG

#### 4. OPERATIONAL ARTICLES COMMITTEE

JACK KIMBALL, Chairman  
JOHN TOENYES  
GEORGE THOMPSON  
WILBUR MITCHEL  
JACK SALMELA  
CHRIS ELMORE  
PETER BELSKI  
JOSEPH MASON  
GEORGE STAINS  
FRED LESSER  
WILLIAM WRIGHT  
L. LANCE SCHOLDT

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JAY GRAHAM  
CHARLES SCHEEL

ROBERT VANNOTÉ  
 DON PLETSCH  
 DON M. REES  
 W. DONALD MURRAY  
 T. WAYNE MILLER JR.  
 ROBERT PETERS  
 RICHARD O. HAYES

#### 6. MEMBERSHIP COMMITTEE

GLENN STOKES, Chairman  
 EACH OF THE REGIONAL DIRECTORS

#### 7. LEGISLATIVE COMMITTEE

GEORGE T. CARMICHAEL, Chairman  
 RICHARD PETERS  
 A. W. BUZICKY  
 JOHN J. McCOLGAN  
 ANDREW J. ROGERS  
 CHRIS WILLIAMSON  
 C. DONALD GRANT  
 LES BRUMBAUGH

#### 8. NOMINATING COMMITTEE

ANDREW J. ROGERS, Chairman  
 No. Atlantic—R. L. VANNOTÉ  
 Mid-Atlantic—CLAUDE SCHMIDT  
 So. Atlantic—J. H. HEIDT  
 No. Central—CALVIN G. ALVAREZ  
 So. Central—CHARLES H. ANDERSON  
 W. Central—L. T. NIELSEN  
 No. Pacific—ROBERT OLSEN  
 So. Pacific—KENNETH WHITSELL  
 Latin American—CARIBBEAN-LUIS  
 VARGAS  
 Canada—DR. R. A. BRUST

#### 9. PUBLIC RELATIONS COMMITTEE

GARDNER McFARLAND, Chairman  
 A. W. BUZICKY  
 REED S. ROBERTS  
 WILLIAM HAZELTINE  
 MARGARET PARSONS

ROBERT DREYER  
 GENE KAUFMAN  
 ROBERT BARTNETT  
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#### 10. BYLAWS COMMITTEE

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 OSCAR W. DOANE JR.  
 ART GEIB  
 JOHN M. HIRST

#### 11. AWARDS COMMITTEE

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 A. D. HESS  
 GARDNER McFARLAND  
 FRANK WILSON  
 ROBERT ARMSTRONG  
 HARRY PRATT  
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#### 12. WORLD WIDE COMMITTEE

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 H. A. RAFATJAH  
 EDGAR A. SMITH  
 SAM BREELAND  
 ROBERT LINKFIELD  
 NORMAN G. GRATZ  
 JESSE H. HOBBS  
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#### 13. RESOLUTIONS COMMITTEE

PAUL HUNT, Chairman  
 ED FUSSELL  
 CORY WALLING  
 LARRY NIELSEN  
 BRYAN E. MILLER  
 WILLIAM BARNES  
 J. G. FOYLE  
 DAVID REED

## GENERAL APPOINTMENTS

- |  |   |
|--|---|
| <p>1. Program Chairman—Annual Meeting<br/>Robert M. Altman</p> <p>2. Representative to the National Fish and Wildlife Council<br/>Robert L. Vannote<br/>Frank Murphey, Alternate</p> <p>3. Advertising Manager—<i>Mosquito News</i><br/>Francis P. Creadon</p> | <p>4. AMCA Bulletin No. 1<br/>T. D. Mulhern, Editor<br/>Norman B. Akesson, Alternative Editor<br/>Art Geib, Advertising Manager</p> <p>5. AMCA Bulletin No. 6<br/>Frank Murphey, Editor</p> |
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## ATTACHMENT NO. 21

## EXHIBITORS AT MIAMI BEACH MEETING

AMERICAN CYANAMID  
 AMERICAN MOTOR SALES CORP.  
 B & G EQUIPMENT CO.  
 BUFFALO TURBINE AGRICULTURAL EQUIPMENT CO. INC.  
 CHEMAGRO  
 CHEVRON CHEMICAL CO.  
 CUSHMAN MOTORS  
 J. J. DILL CO.  
 HUMBLE OIL & REFINING CO.  
 LEARY & OWENS EQUIPMENT CO. INC.  
 LITTLE GIANT CRANE AND SHOVEL INC.  
 LOWNDES ENGINEERING CO. INC.  
 MARIAN ULV AIR SPRAY INC.  
 MICRO-GEN CORP.  
 PIPER AIRCRAFT CORP.  
 TIDEWATER EQUIPMENT CO.  
 ZOECON CORP.  
 SOUTHERN MILL CREEK PRODUCTS  
 HUGHES TOOL CO. AIRCRAFT DIVISION  
 W. W. WILLIAMS CO.

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 SOUTHERN MILL CREEK PRODUCTS  
 STANDARD SPRAY  
 DAN BOYD (LECO)  
 W. W. WILLIAMS CO.  
 McLAUGHLIN GORMLEY KING CO.  
 M. D. MOODY & SONS  
 PIPER AIRCRAFT CORP.  
 LONDON FOG CO.  
 J. J. DILL CO.  
 ZOECON CORP.