

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

WELL, THE 1962 JOINT MEETING OF THE AMCA AND THE TMCA WAS ALREADY OFF AND FLYING WHEN WE GOT THERE ON SATURDAY NIGHT and it stayed steadily aloft until the last moment of the last day four days later, thanks to the superb work of President-Elect DON MICKS and his cohorts, who included OZ BRELAND, BILL COX, JAYCEE MCNEILL (IV), CHRIS VIESER, and J. G. FOYLE. That flying simile isn't really a good one, after all, for while it was definitely lofty and air-borne in tone and never for a moment faltered in its forward motion, it definitely also had its feet on the ground in all matters practical. The Board of Directors meeting on the first day found more Directors in attendance than any year in recent memory. Dr. LUIS VARGAS was there from Mexico and Dr. TONY BROWN from Canada. Ye Ed. reported that Our Journal has risen from a circulation of 1700 to 1800 in the past year, no mean rise. He referred to the continuing assistance from Mrs. Slater, who although advanced to a higher position in her Department, continues to help keep *Mosquito News* afloat. The Board voted a ringing vote of appreciation and wished she were there to receive it. Our Associate Ed. HELEN SOLLERS (now Helen Sollers-Riedel!) pointed out that she is getting large numbers of requests from foreign publications for exchanges, including a good many from the U.S.S.R., a sign we Have Arrived as a scientific journal. She also asked one and all to send her reprints whenever we publish or exchange.

THE NIGHT WE ARRIVED FOUND THE HOTEL ASWARM WITH MEMBERS OF THE NATIONAL GUARD ASSOCIATION OF THE U. S. IN FULL DRESS UNIFORMS, their meetings and banquet having just concluded, and a good many of them were handed out bags as we debarked on the steps, even us old Army and Air Force types not being above being dazzled by the gold braided splendor. Even Mo HIRST, who was gladdening many hearts by making his first appearance in his new FOUR STRIPES, was kind of lost in this shuffle. But we noticed him after a bit. I mean, after all . . . e-VENTually. . . . But happy to see them, Captain.

DR. OTTO HECHT came with Luis Vargas from Mexico and they told us that the malaria eradication program there is about 80 percent complete. But now comes the hard part, they added sadly; the small communities and the out-of-the-way places. Plus the fact that some persons who still have the plasmodia have become asymptomatic. But they are optimistic about the eventual success and in the relatively near future, too.

LARRY BURGESS came all the way down from Saskatoon, and brought with him a fine color film

entitled, "The Tiny Terrors," about the remarkable progress of the work on biting flies in Canada. Drs. H. E. WELCH, AL WEST, H. G. JAMES and JOHN MCCLINTOCK, who had also come all the way down from Canada, told of showing the fascinating film to audiences all across the Dominion and explained some of the latest doings of Canadian AMCA'ers whose work the film mentioned. BILL BICKLEY's remark as he opened the sessions was fondly recalled. (He said he had been told some of the sessions would be "out of the air" and the program was probably going to be called, "Sting Along with Itch.")

AT THE BANQUET WE HAD A 100 GIRL DANCE GROUP KNOWN AS THE "TORNETTES" and they were mighty cute and mighty pretty. And mighty pretty dancers. Jaycee McNeill was the Master of Ceremonies and a very fine one he was, full of jokes that didn't sound corny (at the time, and that's all that counts, isn't it?). A quartette made up of TONY BROWN, basso (profundo), DON MURRAY, baritone, DICK PETERS, tenor, and FRANCIS (Frank) CREADON, first tenor, sang a very fetching song entitled, simply, "Mosquitoes." It was sung under the baton of Mo HIRST and to the sprightly accompaniment of ERNESTINE THURMAN on the piano. The song so brought down the house that they had to sing it twice more to quiet the acclaim of the enraptured throng.

IT WASN'T ALL SONG AND DANCE, THESE MEETINGS, NOT BY A LONG SHOT and some very serious business was transacted and some very stimulating and informative papers presented, as you will see. On the "business" side, we should mention, especially, the good work of WAYNE MILLER and his committee on legislation, our trusty watchdog; LUIS VARGAS commented that we should always remember that however fast and however far the Americans to our south come along in their insect vector control programs, and they have come long way, they still watch our lead closely and are much influenced by what we do, which is both a flattering and a sobering thought, isn't it?

DR. FRED BISHOPP WAS ELECTED AN HONORARY MEMBER by acclamation and BOB VANNOTE received a scroll for his good work as National Advisor. (He also put in a plug for the 1962 meetings in New Jersey which will be the Fiftieth Anniversary of the mosquito war there.) AL BUZICKY let the cat out of the bag as to how such a flood of new members from single mosquito abatement districts has recently come about. His Committee has been circularizing them. H'ra for Al.

HARD ON THE HEELS OF THE AMCA MEETING California had three meetings which were wide-

attended. On March 23 and 24, the CMCA Entomology Committee held meetings at Davis in the form of seminars, on March 26 through 30, the Bureau of Vector Control sponsored Course No. 201F of the CDC, at Berkeley, and on April 1, STEVE SILVEIRA hosted at Turlock the annual CMCA equipment show.

The JOINT CDC-BVC CONFERENCE AT BERKELEY was under the direction of HARRY PRATT and marked the first time the course had been given under State auspices, although it has been given in 43 states since 1946 and has trained some 30,000 students. (At this point we all tried to look solemn and wise and in every way worthy to join this great band.) The course was titled "Epidemiology and Control of Vector-borne Diseases" and it really covered the subject. We're sure that many of the state and county health department people came away with a vastly increased and much more realistic understanding of arthropod vectors of diseases. Lecturers and panel members included AMCA's BILL REEVES, DON FURRAY, RALPH BARR, DON GRANT, HARV MAGY, JACK WALKER, BEN KEH and LARRY LEWALLEN. Larry had just been in Salt Lake City with JAY GRAHAM and GLENN COLLETT, giving a course on insect and rodent control and as we write this he has just been in Columbus, Ohio, giving another under the auspices of the Ohio State Department of Health, the Ohio State University and others, including our own associate editor, BRUCE ROCKWAY.

THE FIFTEENTH ANNUAL MEETING OF THE UTAH MOSQUITO ABATEMENT ASSOCIATION was held on the 16th and 17th of March in the Little Theatre of the Union Building at the University of Utah in Salt Lake City. The meetings, like the CDC sponsored meeting mentioned above, were well attended, those attending including a considerable group from out-of-state. There were JIM SMITH, FRED HARMSTON and ARCHIE HESS, from Greeley, Colorado, Archie being the banquet speaker with one of his famous and beautifully illustrated entomological travelogues. DON DENNING, JOHN BRAWLEY, TOMMY MULHERN and GEORGE WHITEN came from California and presented papers. LOUIS OGDEN and GAINES EDDY came from their stations in Washington and Oregon. GEORGE KNOWLTON is the new president, succeeding Glenn Collett, and a few days ago when we were having breakfast with Glenn and Jay Graham in Salt Lake City, they told us something interesting about George that we bet very few people know, George being modest and all. But back yonder in the 1930's, by George, there was published a paper on the transmission of encephalitis by mosquitoes in which, way before most of us were even thinking about it, he predicted that the eventual vector would be found to be *dorsalis*, *sigromaculis* or *tarsalis*. What's more, he ran some lab studies which showed experimental transmission by the first two! Hail, oh hardy pioneer!

THE ILLINOIS MOSQUITO CONTROL ASSOCIATION HAD A FINE ANNUAL MEETING, TOO, which was held March 30 and 31 in East Hazelcrest, Illinois. More than 110 people registered, not including the numerous wives who attended the banquet and even some of the meetings. BOB HEDEEN sends us the program but he forgot to point out that he was the new president, succeeding LEO MICHEL, under whose guidance the meetings were held. We note that JIM GAHAN was there from Florida and presented a paper, GEORGE CRAIG gave another able presentation of mosquito genetics, along the lines of the very good discussion he illuminated us with at Galveston, based on his research at Notre Dame, and AL BUZICKY brought the word to Chicago from St. Paul. Bob added a note that the 1963 meetings would probably be in Urbana but that their sights are already on the 1964 meetings with AMCA, in Chicago, which they hope to make the best yet. We'll be looking forward to it, Bob!

ACCORDING TO *Sheeter*, THE JOURNAL OF THE VIRGINIA MOSQUITO CONTROL ASSOCIATION, VMCA'S ANNUAL MEETING WAS HELD ON FRIDAY FEBRUARY 23, at Norfolk and had some mighty fine papers. Besides the reports of the Virginia members, there were papers by JOHN FLUNO, from Orlando, Florida, SID USRY, from North Carolina, and DON MACCREARY (who is CAPT. USNR, by the way) of Delaware. A Panel of Experts, composed of then-PREX BILL BICKLEY, BOB VANNOTE, LYLE HAGMANN and CHUCK GERHARDT discussed scientific development and projected research in mosquito control under the moderation of ROLLIE DORER. Wish we hadda been there.

WHEN DICK DARSIE FLOORED US AT GALVESTON WITH THE WORD ECDYSING (which we took to mean moulting, although visions of Gypsy Rose Lee danced in our head) we knew he was a scholar, and he is. He has submitted some really fascinating stuff from the past which a colleague of his in the Spanish Department of the University of Delaware has turned up in the course of translating a work first published in 1535, entitled, "Historia General y Natural de las Indias, Islas y Tierra-firme del Mar Oceano." We are passing it on to you just as submitted, because we think you'll enjoy reading the excerpt entire and not filtered through us.

SIXTEENTH CENTURY DESCRIPTION OF THE MOSQUITO: Dr. E. D. Turner, Professor of Spanish, University of Delaware, Newark, Delaware, had been engaged in the translation into English of "Historia General y Natural de las Indias, Islas y Tierra-Firme del Mar Oceano" by Capt. Gonzalo Fernandez de Oviedo y Valdes. This work first was published in 19 volumes in Seville, Spain, in 1535. The revised second edition, consisting of 20 volumes, appeared in 1547, while the third edition was published in Madrid, Spain, during 1851-1855. In final form it consisted of 50 vol-

umes. It was recently reprinted in Asuncion, Paraguay, in 1944.

The author lived from 1478 to 1557. He came to the West Indies in 1514 and for the last 20 years of his life he was commander of the Spanish garrison at Santo Domingo, Hispaniola, now Dominican Republic. As such he was the official chronicler of the Indies for the Spanish Crown. He was the first to write a natural history of the New World from an eye witness account.

In the Prologue of the Third Volume of the Fifth Part, the author wrote: "The Insect or segmented animals such as cicadas, ants, wasps, and the like, will be the topic treated in this fifteenth book. These, as Pliny says, in the opinion of some people neither breathe nor have any blood. They are called insects because they are cut or grooved in the neck or breast or in other places or parts of their joints; and it is most remarkable how such a tiny creature can have reason or strength; and their perfection is so inexplicable and incomprehensible, for it is said of the mosquito, *Where could Nature place so much intelligence in the mosquito, the 'Zansal' (the one that sings), granted that there are other smaller ones? Where did she put their sight; where their taste; where their sense of smell; where did she engender a voice so awful in comparison with the small size of its body? With what subtlety she fastened on her wings and formed those long legs, and the belly hungry and greedy for human blood, or with what artifice did she sharpen its needle, that even though it is so fine as to be invisible, it is capable of piercing the skin, and is hollow for sucking blood?* What teeth (whose presence is attested by their sound) did she give to the 'tarlo' that it might hollow out any hardwood, because she has wished to feed on wood? But we are amazed at the shoulders of elephants, on which they carry towers, and at the necks of bulls, and at the rapine of tigers and the manes of lions; and despite this Nature, has endowed the small as well as the great. Wherefore in his XI Book Pliny begs those who read his accounts, that although many of these animals may be despised, that they should not scorn what he has to say about them; because nothing can be considered superfluous in the study of Nature.

"Forsooth all that we have said was considered and set down by such a learned and clever man; since in the works of Nature we see such marvelous things with our own eyes and touch them with our own hands, that a single one would suffice to keep the human mind in a state of extreme amazement."

MORE RECENT SCHOLARS HAVE BEEN BUSILY ADDING TO OUR COMPENDIUMS OF PRACTICAL KNOWLEDGE LATELY AND HAVE PRODUCED WORKS YOU MAY WANT TO ADD TO YOUR LIBRARIES. Captain W. G. (BILL) PEARSON has recently brought out a publication entitled, "Distribution and Rela-

tive Abundance of Mosquitoes in the 2nd Army Area" (that's Ohio, Pennsylvania, Kentucky, West Virginia, Virginia, Maryland and Delaware). A source of good reading for all in those state and, just possibly, of interest to New Jersey, New York and Tennessee as well.

IN WHAT WE PERSIST IN THINKING OF AS THE WESTERN EDGE OF THE COUNTRY, THE CMCA has brought out a companion piece to their "Guide to the Common Mosquitoes of California." The new work is a similar pictorial key entitled, "A Field Guide to the Common Mosquito-like Gnats" and is available at the same price of \$1.00 from DON MURRAY, the CMCA Secretary. His address is: Delta Mosquito Abatement District, 1737 West Houston Avenue, Visalia, California. Second Army's, by the way, is 2nd Army Medical Laboratory, Ft. George Meade, Maryland.

SPEAKING OF WHO WRITES WHAT, HARRY PRATT writes to tell me to tell you that proud as he would be to be the Editor of CDC's fine *Vector News Letter* he is the Associate Editor. LES BEADLE is the Editor. Thank you, Harry, and excuse me, Les.

ERNESTINE THURMAN'S INVITATIONAL ADDRESS FOR WOMEN IN SCIENCE, which was sponsored by Sigma Delta Epsilon and delivered at the 1963 meetings of the American Institute of Biological Sciences at Lafayette, Indiana, was published in the February issue of the AIBS Bulletin, for any of you who may have missed it. Dr. Thurman's subject was "Asia: A Challenge to Scientists" and the point about women in science was, we guess that it's irrelevant, except that it makes them prettier. There's a good picture of Ernestine we might add.

CAPT. CYRIL HODAPP HAS INAUGURATED A WIDE SCALE SERIES OF INVESTIGATIONS at Air Force Base throughout the western U. S., operating out of his Epidemiological Laboratory at Lackland Air Force Base, San Antonio, Texas. The studies are to give a biological evaluation of the C-124 aircraft for use in the dispersal of sprays, dusts and granules and to furnish further epidemiological information on transmission of encephalitis in the areas of the studies. For this last, serological examinations will be made of from 250 to 500 people at each place, at intervals during the summer, and mosquito collections will be made for virus isolations and determination of the index. The studies are being carried out in collaboration with not only the Army and Navy but also the U. S. Department of Agriculture, the Fish and Wildlife Service and the Public Health Service.

THE PEACE CORPS IS A NEWCOMER TO OUR NATIONAL SCENE WHICH MANY PEOPLE HAVE NOT YET THOUGHT OF IN THE MOSQUITO CONTROL PICTURE but they remind us that they are very much in it. Projects in Brazil, Honduras, Malaya, Thailand, Togo, Tanganyika, Sarawak, Afghanistan, Liberia, Peru and Niger, Sierra Leone and

North Borneo are in need of malaria eradication workers and sanitarians. Volunteers must be over 18 but need not be in their teens, by any means. Some workers are in their sixties. However, there must be no dependents under 18, to be left behind, however much some parents of teenagers might toy with such an idea from time to time. Volunteers receive living allowance for food, clothing, medical care and incidentals, plus a termination payment of \$75.00 for each month of service, but the big pay, of course, is in the spiritual satisfaction of doing something useful or a world that badly needs its doing. Specific country assignments may be applied for by writing to: PEACE CORPS, Professional, Technical and Labor Division, Office of Public Affairs, Washington 25, D. C. (We were reading the other day, by the way, about how the Russians are now trying to send people into these countries and call them "Peace Corps"! Guess ours is a success!)

CAPTAIN GEORGE S. STAINS and COMMANDER WILLIAM B. HULL are the new Officer in Charge and Assistant OIC at the U. S. Navy Disease Vector Control Center in Jacksonville, Florida, replacing CDR George Stains and LCDR Hull. Actually, Bill got his full stripe way back in August, but didn't know it until November and modestly didn't tell us at all. George's fourth stripe came through about the time of the Galveston meetings but word didn't reach him, or us, until about the beginning of May. Congratulations, men. It's always nice to hear of promotions, even if belatedly.

JACK ARNOLD is NOW THE CHAIRMAN OF THE DIVISION OF NATURAL SCIENCES at Sonoma State College, in Cotati, California. California's State Colleges, like the branches of the University, are proliferating rapidly, but not rapidly enough to keep up with the population increase. We hope Jack has time enough to get his books all on the shelves before he is swamped with students. His address now is 99 Calistoga Road, Santa Rosa, California.

DON JOHNSON'S ARTICLE ON POSTAGE STAMPS in the June issue of last year (Vol. 21, No. 2) and his recent addendum, listing a great number of countries which are going to issue stamps in praise of the ICA malaria eradication program, alerted us to watching out for these stamps and we have been interested to observe the notice which has been given them by the stamp columns in the newspapers. Charles Downie of the San Francisco Chronicle, who writes the column we read, has featured these stamps several times, with cuts of some of the finest. Neither the United States stamp, which some of you may have already noted on mail, nor the United Nations stamp, seem to us to be as good artistically as the anti-malaria stamp of India which we pictured in these pages several years ago. However, the series from the Republique Tunisienne,

designed by leading artists like Hatim Elmekki, according to Mr. Downie are superb and a number of other countries have put their best artistic talents to the job. Israel's series is another of this sort. Those of us who take even a faint interest in the U. S. public image as presented on our stamps may deplore the utter lack of artistic merit we display, particularly in contrast with other less "favored" countries, but the worldwide malaria eradication issues can give us double pleasure to make us forget how unappreciated malaria-eradication is at home. Don't go overboard, however, Don warns us; some of these series are going to cost plenty, so price 'em before you order or you may get a bill from your dealer for about 25 bucks. Most will be quite reasonably priced and well worth collecting, even for non-philatelists. You may have noticed recently on TV that you can even get a selection of these stamps by sending either three or five dollars to Box 351, New York 1, to an organization called "Stamp Out Malaria." We haven't checked on this, though, so can't say what it is.

REFLECTING AL BUZICKY'S COMMITTEE'S GOOD WORK REFERRED TO EARLIER, we note nine new members from Minnesota, not counting two listed as "Foremen of" Washington and Anoka Counties. Welcome to them, too, and to HOWARD ERICKSON, JAMES LINTON, VERNON LOREN, DAVID MCKOWN, CLOYD MARTIN, RAYMOND RIES, ROBERT SHARP, KENNETH SHOBERG, and CLYDE PETERSON. In Florida, our rolls have been swelled by FRANK DONEY, ROBERT PAUSCH, K. P. GILMORE, JESSE WILSON, EARL EBERLIN and ALLEN ROBERSON. New York adds ROBERT HASKELL, while Connecticut's membership is increased by MICHAEL MALLIA. New Jersey has grown by the addition of DONALD SUTHERLAND, DANIEL JONES, JR. and HERMAN EHRENBURG, while Maryland adds DAVID SHRIVER and LINDLEY ROBERTS and Georgia gives us EDWARD G. JAY, JR., D. W. WALDRON, JR., and KENT LITTEG (About time, Kent!) Colorado has added several with GLADWIN UNRAU and GORY LOVE among them, and Texas proudly (Texas does everything proudly and in this case well may) gives MANNING PRICE, HUGH POWELL, C. A. MCCRARY, and M. B. HOOD.

FROM WASHINGTON, D. C. come Capt. BRUCE ELDRIDGE and RONALD WARD, while from Utah we have JAMES PETERSEN and from Wisconsin, VERNON LEE. DONALD MENGLE and BILL WILLS join us from the California BVC in Fresno. JOE CREISLER from Crescent City, DR. A. SARUP from Calcutta, India, and DR. PHENG MISAIPHON from Vientiane, Laos. We are glad to say there are also a lot of new "Good Neighbor" members, ranging from Korea to Iraq and Ceylon, from Czechoslovakia to Guatemala.

WE ADVERTISED FOR ART REGNIER in the last issue and the same day the issue came out he turned himself in from US AID/PHD, APO 676,

New York, N. Y. How's that for quick results to ads? Incidentally, Art, how are you, and where? We know that AID is ICA, as was, but where is APO 676?

HERB DALMAT IS STILL WITH NIH but he's now c/o U. S. Embassy (NIH) at APO 676 too. Are you all both at the same place or is this like APO 74 that stretches from Baguio to Nepal, just about?

WE MENTIONED BILL PEARSON'S PUBLICATION ON MOSQUITOES of the 2nd Army Area but that isn't where he is. Not any more. He's gone to the 37th Preventive Medicine Company, APO 301, San Francisco, California. *That* used to be Korea. Good luck, Cap! And VIRGIL MILES is no longer in Wenatchee, Washington, but has transferred to the PHS Laboratory, Kern General Hospital, P. O. Box 1564, Bakersfield, California. This just about covers all the climates found in the Western States, for Virg. And about all the different kinds of mosquito habitats. Is that good or bad?

BECAUSE JOE MCWILLIAMS IS PROBABLY THE TALLEST MEMBER OF AMCA and because he stands out head and shoulders in other ways as well, we're going to start off our *Who's Who* this time with him. LCDR McWilliams was born in 1923 in DeKalb, Mississippi, and went to school there, taking his collegiate training at both Emory University in Atlanta and Mississippi State, graduating from the latter in 1947. Joe's World War II experience was as an X-ray technician and then in the V-12 program, which proved to be fairly confining geographically. But this was no augury of things to come. In 1947 he went to the CDC in Savannah and later to their office in Topeka, Kansas. Returning to the Navy in 1950, Joe was at the Disease Vector Control Center at Jacksonville, Florida, with Mo Hirst until 1952. From thence he went to Japan, an assignment which included Formosa and Korea. Returning to the DVCC at Jax in 1953, he remained until 1958, when wanderlust and his new duty orders overtook him and he took off for far places and the NAMRU #3 in Cairo, Egypt. In Egypt he so charmed various local personages that he got a safari up into (well, OK, *down* into) the Sudan, an area not often penetrated by the likes of us. He and his lovely wife remained in Cairo until June of 1960, by which time they had acquired hosts of Egyptian friends and their two active children had acquired fluent Arabic. About that time Dick Holway was being drafted to Washington D. C. for the Secretaryship of the Armed Forces Pest Control Board and put the finger on Joe to succeed him at the DVCC in Alameda, California, where he is currently the Officer in Charge. That's OIC. And mighty OK, too.

W. DON MURRAY, the energetic secretary of the California Mosquito Control Association, was born in 1913 in Shadyside, Ohio, with all his present hair and a sharp, analytical look in his eye. And

a smile, we are sure. These attributes have stayed with him, through a B.A. and M.S. at Ohio State and a Ph.D. at the University of Minnesota and sundry subsequent experiences. Don spent his war years in the Navy in the control of malaria in the New Hebrides and filariasis in Samoa. (How lucky can you get? There's a lot more to Samoa than filariasis, we've heard.) Don emerged, or at least is now, a Commander in the U. S. Naval Reserve whose active duty tours are always of considerable value to the Navy. He was professor of biology at Bemidji State College in Minnesota prior to the War and professor of biology at Eastern Illinois State College, in Charleston, after the war. But in 1947 the lure of the Golden West got him and he came out to the Delta Mosquito Abatement District in Visalia, California, where he still is, as Manager-Entomologist. In 1956, he was President of the California Mosquito Control Association, of which he has been Secretary since 1959. He told us to say that he has copies available of the Guides to Mosquitoes and to Non-biting Mosquito-like Gnats, every chance we got, so we'll say it again here. (Adv.)

RALPH C. BARNES, to whom we could hardly apologize enough last issue, was also born in Ohio, in Summerfield, in 1914. He pursued his Bachelor's degree at Ohio University and his M.S. at North Carolina State and has completed his work at University of Minnesota but (we hear) hasn't turned in his thesis yet. Come on, Ralph. Dig that old typewriter! We know how hard it is to make yourself sit down and pound it out, but come on. Never say die, and all that! Well, anyway, Ralph was in the Commissioned Corps of the USPHS during the war and still is. In the MCWA, he did mosquito survey and evaluation, in Florida for several years and then in the Northeastern states. Prior to the war he had been a teacher but mosquito control got him, as it did so many of us, and he remained with CDC, in the training branch in Atlanta for eleven years, until 1957, and then at the Rocky Mountain lab in Denver, where he now is, as Scientist Director. Besides the AMCA, Ralph is active in the ESA, the APHA, the Colorado Public Health Association and the Commissioned Officers' Association of the USPHS.

ROY F. FRITZ, CHIEF OF THE MALARIA ERADICATION PROGRAM OF THE AGENCY FOR INTERNATIONAL DEVELOPMENT, DEPARTMENT OF STATE, served as a member of the Ninth Expert Committee on Malaria convened by the World Health Organization in Geneva, April 2 to 10, 1962. Dr. Arnoldo Gabaldon, of Venezuela, Prof. P. Sergueiev, USSR, and Mr. Fritz were elected Chairman, Vice-Chairman, and Rapporteur, respectively. Dr. Justin M. Andrews, Director of the National Institute of Allergy and Infectious Diseases, US PHS, and Dr. Carlos Luis Gonzales, Ministry of Health, Venezuela, served as technical consultants. Other members of the Expert Committee were:

Dr. O. Adeniyi-Jones, Nigeria; Col. M. K. Afridi, Pakistan; Prof. G. Macdonald, United Kingdom; Dr. T. Ramachandra Rao, India, and Prof. T. Wilson, United Kingdom.

ARTHROPOD-BORNE VIRUS INFORMATION EXCHANGE. The American Committee on Arthropod-borne Viruses is conducting an exchange of information among investigators actively engaged in research in this category of viruses. This information is embodied in a "Catalogue of Arthropod-borne Viruses" and in the "Arthropod-Borne Virus Information Exchange." However, neither is considered to be a formal publication and the subcommittee directly responsible for the issue of these two information exchanges wishes to notify you of the limitations and restrictions placed upon their use as a source of reference.

The Catalogue includes the following statement: The distribution of the Catalogue and the associated current information and abstract service is limited to laboratories or institutes actively engaged in research related to the isolation, classification or the natural behavioral characteristics of arthropod-borne viruses. Registration of a virus in the Catalogue does not constitute formal publication but only serves as a notification of the isolation and characteristics of a virus to other investigators receiving the Catalogue. Use of the Catalogue for the purpose of general reference in publications is restricted and it is not permis-

sible to use it as a source of reference to a virus that has not been described in a formal publication without the explicit consent of the person making the registration."

The Arthropod-Borne Virus Information Exchange (formerly referred to as a "Newsletter") carries the following notice: "This exchange is issued for the sole purpose of timely exchange of information among investigators of arthropod-borne viruses. It contains reports, summaries, observations, and comments submitted voluntarily by qualified agencies and investigators. The appearance of any information, data, opinions, or views in this exchange does not constitute formal publication. Any reference to or quotation of any part of this exchange must be authorized directly by the person or agency which submitted the text."

We are, therefore, soliciting the aid of members of your editing department in helping to prevent misuse of these vehicles of information exchange. There is no objection to a person referring to the Catalogue and Information Exchange in the text, as described in the Charles Franklin Craig Lecture (Purpose and Progress in Cataloguing and Exchanging Information on Arthropod-Borne Viruses. *Amer. J. Trop. Med. and Hyg.* 11:169-174, 1962), however, they should not be listed in a bibliography as original sources of reference for any scientific fact or any particular virus name mentioned therein. R. M. Taylor, M.D.

JAMES H. BERTHOLF 1883-1962

The many friends of "Jim," an active and long time member of the American Mosquito Control Association, will be saddened by his death, after a protracted illness, on March 8, 1962, at his home in Ft. Lauderdale, Florida, at the age of 79. He is survived by his wife, Anna, and two sons.

Born in Monroe, New York, he went west in his early years, where he served as county engineer for Mesa County, Colorado, and as district engineer for the Western Slope in Colorado. He moved to Dade County, Florida in 1925, where he followed engineering with the City of Coral Gables, a tunnel machine development company, and the U. S. Corps of Engineers on harbor work. In 1937 he went with the Mosquito District in Dade County as ditching engineer, where he served until the war. During the war

years he served as a construction inspector for the government in Puerto Rico and in Florida.

He was appointed the director for the Broward County Anti-Mosquito District and served from early 1947 until his retirement in 1956, during which time the district made noticeable progress. He was instrumental in promoting sand fly research in South Florida and was one of the first to report DDT resistance in salt marsh mosquitoes. He cooperated in early tests with aerial applications of malathion for adult control and aerial applications of granular larvicides.

He was a deep thinker and a widely read man. Not only will he be missed by his many friends but his passing is also a distinct loss to the advancement of mosquito control work everywhere.