

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

THE CHICAGO MEETINGS WENT OFF WITH GREAT CREDIT TO THE ILLINOIS MOSQUITO CONTROL ASSOCIATION AND TO ALL THE MANY MEMBERS INDIVIDUALLY WHO LABORED SO HARD AND SO PRODUCTIVELY. We usually try to give you the name of the member who came the farthest and this time we sort of thought it might be either MEL WILLIAMS or WAYNE MILLER, forgetting how far these instantaneous jets had brought us ourselves, and then all at once it came over us that, shux, Chicago isn't really a *Western* city . . . it's EAST! So it just had to be MIR MULLA who'd travelled the most. On the other hand, OTTO McFEELY certainly established some sort of distance record, from 1945 or so till now. AL BUZICKY is down in the book as an Easterner, too, and we knew he comes from east of the Mississippi . . . about two blocks or so . . . in St. Paul, but then he confused us by pointing out that a little tiny piece of St. Paul is west of the river. Ah, well. We didn't know.

We can't begin to mention all the folks who deserve to be mentioned for their good endeavors, but special praise certainly goes to JIM LESPARRE and BOB HEDEEN. And to FRANCIS CREADON, whose Paulist Choristers sang like larks and provided an aesthetic as well as a spiritual feast to start things off well on Sunday.

DR. A. LEBRUN started *his* talk about *Aedes* with a remark that he had the same relationship with the English language that he enjoys with his wife: he loves it but he can't control it! And then he proceeded to demonstrate with such lucidity and wit that everyone was congratulating him on the unique degree of control he has over his wife.

KEN QUARTERMAN spoke of being optimistic about the future of man and gave a picture of the future that was truly horrifying, in terms of populations (of US, that is, not mosquitoes). However, as to mosquito control he was more optimistic in fact. USPHS is about to invest in studies on the contamination of the environment, incidentally, which may help to quell unfounded hysteria and at the same time forward our knowledge and assist us all in our fight to eliminate hazardous and needless chemical practices which are so much in the public eye.

DR. HERB ROSS brought with him, from his archives in the Illinois Natural History Survey, a wealth of data from which he presented a most interesting and illuminating description of the distribution of mosquito species about the world.

DRS. VICENTE MUSA and SOLON DE CAMARGO represented the American mosquito controllers from the South and filled us in on the Pan Ameri-

can Sanitary Bureau's new roles and achievements. Dr. Camargo is now Director for Mexico, Central and South American regions, as you will have noted from the back of the March issue.

AND SPEAKING OF ISSUES. . . . TED RALEY gave us the good word that all missing back issues have now been reproduced and are presently available at \$10.00 a volume or \$2.50 per issue (number). They should be ordered from Ted. Libraries particularly, please NOTE!! (The *Journal of Ec.Ent.* scooped us on this though.)

OVER TWENTY RESERVISTS SIGNED THE ROSTER and thus gained points by attendance. LCDR Lytle, who took the Navy roster, attended and appeared to enjoy the sessions and added to the discussions in the foyer. Our thanks were also tendered to M/Sgt. Edward Kokat, the Army representative, who came early and stayed late in our behalf.

PRESIDENT JOHNNY MULRENNAN gave us the word about son JOHNNY MULRENNAN, JR., Lt. JG, USN, who is now stationed in Naples, and almost singlehandedly has carried out a mosquito control training conference for personnel of the three services.

LESTER SMITH'S SON also showed up, in the reports, as an Assistant Treasurer and received the Board's thanks for his share in his Dad's magnificent and herculean works.

AND THE MEMBERSHIP COMMITTEE suggested that "Every member get a member" would be a good slogan for AMCA this year. Perhaps we should form a GOOD MEMBER CLUB.

ANONYMOUS TALE-BEARERS SLIPPED SLY SUR-REPTITIOUS LITTLE NOTES INTO OUR DIRTY PAW during the crush of the festivities. One of them read, "Did you know that Richard Burton (not THE Richard Burton) but the lesser-known translator of *The Thousand and One Nights* and the *Garden of Love*, etc., was among the first if not the first to predict (and he made it a flat statement) that malaria was mosquito borne?!"

Another was an underlined clipping from a Boston paper which read, "A rare type of swamp mosquito, carrier of a virus that causes fatal inflammation of the human brain, has been discovered—of all places—in a Harvard Medical School dormitory." The paper went on to say that a Dr. Andrew Spielman had found several adult "*culiseta melanura*" in a tunnel under Vanderbilt Hall, larvae in an air shaft and "egg rafts floating in the Muddy River behind the medical school." "I recognized the breed right away," he was quoted as saying, "because of its extra-large proboscis."

OSCAR LOPP'S CONFERENCE FOR A COORDINATED PROGRAM ON WILDLIFE MANAGEMENT AND MOSQUITO SUPPRESSION in Yosemite was another vigorous success, though quite different from the first one a year and a half ago. For one thing, it *snowed*. For those of you who don't know it, snow in May is sort of unusual in California and snow on the floor of Yosemite Valley, which came down in great big puffy flakes during most of the three days of the conference, was a rare and lovely novelty even for those lucky Californians who get up to Yosemite all the time. But that's not really the item.

KEN QUARTERMAN, who is, among his many exalted and valuable duties, the chairman of the National Mosquito Control—Fish and Wildlife Management Coordination Committee (which is not called *anything* for short), gave the keynote speech, and thought-provoking it was . . . pointing out the road we have come and the long way we still have to go to achieve a balanced, uncontaminated and yet relatively mosquito-free environment. Oscar started us off with the warning that the panels were to be, not paper presenters but discussion starters, and that is just what they were. Among the mosquito-type panelists were DON MURRAY, DON REES, DICK PETERS, RALPH BARR, ART GEIB, MIR MULLA, DAVE REED, MARV KRAMER, FRANKLIN WRAY and DR. HATHAWAY. (We all decided that though Dr. Quarterman had come "furthest," Frank and Dr. Hathaway had durn near shared the honors.) JAY GRAHAM and GLENN COLLETT were ever-faithful and added a lot to their panels and to the discussion, particularly with info on their water re-use management programs. A druggist from Fresno (California) electrified the assemblage by stating his solemn belief that the anti-coagulant in mosquito saliva made mosquito-bitten men less likely to have heart attacks, which seemed to put duck hunters permanently onc-up on us.

One evening, in addition to a perfectly lovely travelogue entitled, "Yosemite—Valley of Light," which you may be able to get from the Ford Motor Company for your service club, the Forest Rangers who run Yosemite showed us a movie they have made entitled, "Ghosts of Tioga." It's about the fight against the lodge-pole pine needle borer and although it's not concerned with mosquito control it was exceedingly interesting, particularly for its spectacular shots of spray patterns from a helicopter. Incidentally, despite the alarm of one Bud Boyd, a sports writer of sorts out in San Francisco, who vowed he'd wear a gas mask to hike in the Sierra this year, the spraying didn't harm the little chickadees and the little chickadees jolly well didn't manage to keep down the needle borers, either, to say nothing of the mosquitoes. *Gambusia* and other fish do wonders, though, and they don't seem to be wiped out by the spray either. Well, well. (Art Geib had a lot of data on *them*.) And Dick Peters gave a fine run-down

on his Bureau of Vector Control's work on parasites and predators, and *pheromones*, for killing mosquitoes without so much chemicals, while Dr. E. J. LEGNER gave an exhaustively-researched list of all known parasites, predators, diseases, bacteria, etc., etc. attacking mosquitoes, on which hopeful work is being done including, of course, that being done by Dr. Ralph Barr and his cohorts. More than a hundred people signed the attendance record, bringing seven wives.

HELEN LOUISE DURKEE SENDS US AN EXCERPT FROM A NOTE FROM BRIAN HOCKING saying that he has a small group working on taste receptors in blood-sucking insects. HELEN says she is getting along fine after her disagreeable eye operation. And sends some more tidbits, like ROLLIE DORER is working on a history of the Virginia MCA, which ought not to be hard for him to do, since he has been the spark plug of most of it. And JACK JONES, with a career development award from NIH under his belt, was grabbed by the University of California for a week's lectures on hemocytes in insects. And DR. ASLAMKHAH wrote that he had finished up his thesis for the Institut für Genetik der Universität Mainz (Germany) and right about now should be taking up his new duties in the Department of Zoology of Punjab University, in Lahore, Pakistan.

AND IN OTHER LETTERS FROM FAR PLACES DR. GEORGE BURTON writes from Accra, Ghana, that in March he was appointed U. S. Officer-in-Charge of the U. S. NIH-NIHMR (this latter, Ghana) Joint Research Program, and will continue also as chief medical entomologist and head of the vector-borne diseases unit. His unit has been working on onchocerciasis and malaria and will now take on schistosomiasis, trypanosomiasis and filariasis. (All those who know which of these are mosquito-borne get an A . . . aw, come on!) George continues, "We have 24 U. S. personnel here altogether, working on many programs. . . . My wife is in maternal and child health, and is beginning a project on the effect of malaria on pregnancy and pregnant women (antenatal). If you have among your files anything on this subject, I'd very much appreciate getting reprints." If any of you-all can help, his address is care American Embassy. (And we're sure some of you have reams on this stuff.)

PRESIDENT JOHNNY MULRENNAN WROTE A LETTER TO YE ED and sent us a copy and unless The Boss has scooped us and put it in elsewhere, we want to quote the following, "Our aims and objectives will remain on the highest pinnacle and together we will fulfill these principles for the betterment of mankind. As your president, I will always stand willing and ready to listen to and receive suggestions for the continued improvement of this organization. My only pledge is to work to increase the membership and to try

to shore up the financial structure and place it on an ever sounder basis." Well, he can't do it alone and that brings us right back to our Good Member Club. As the Telephone Co. operators say on long distance calls, "Are you paid?"

DON PLETSCH ALSO WROTE US FROM AFRICA . . . well, actually, he was only going to Africa at the time . . . to say he had had an orientation course at Boston U. and was wending his leisurely way to Ethiopia via 2 to 3 days in Geneva and a couple in the WHO/Middle East office in Alexandria (Egypt, not Virginia). He continues, "Orientation in Boston was good and I had the pleasure of meeting Tim O'Connor, AID entomologist who survived a tour in Viet-Nam and is also heading for AID/Ethiopia. Last week-end Socorro and I left Boston and went up to Phillips Academy in Andover to visit the son of Dr. K. C. Liang; then we drove on up above Portland and had a delightful but too-brief visit with Dr. and Mrs. Paul Russell at their beautiful and beautifully situated home in Maine. Dr. Russell is more active than ever, it seems, despite his nominally retired status." Don's new address is via APO 319, New York, N. Y., 09319.

PAT NAKAGAWA IS THE AUTHOR OF A FASCINATING PAPER ON MOSQUITO CONTROL IN HAWAII which appeared in the April *Pest Control*. According to Pat those hula hands in some of his lovely pictures have no connection with waving away mosquitoes. Anyway, it's a grand paper and we urge you to read it right away if you've put your April issue of *PC* aside as we so often must, for later perusal. *Incidentally . . . ! PC* also had a long and excellent report on the Chicago meetings; we don't mind at all being "scooped" in this way when the write-up is so comprehensive and so good, and comes out so much sooner than we can. (Hey! We're going to have to index *PC* right along with *MN* if this keeps up!) Congrats, Pat, and thanks, Jim Nelson.

TWO PROMINENT AMCA'ERS were honored at the Centennial of Entomology in Canada, held in Ottawa last September, and we're sorry to have to admit to J. A. SHEMANCHUK, who sent us the item, that we're obviously not *trying* very hard to scoop our "competitors." Drs. TONY BROWN and C. R. TWINN were the honorees. Tony was presented with the Entomological Society of Canada Medal for Outstanding Achievement in Canadian Entomology, which might just as well have read American or even World, mentioning his preeminence in research, in scholarly writing, in teaching and in organization, but omitting to mention human relations. Dr. Twinn was made an Honorary Member of the same Society for his long and distinguished service to Ontario, to Canada and to American Entomology.

ART LINDQUIST SENDS US SO MANY NEWSY LETTERS AND THEY ARE SO ENJOYABLE THAT WE'D

LIKE TO SHARE THEM WITH YOU ENTIRE, but unfortunately that isn't very feasible. In a recent one he told us that he had been at a four day conference held under the auspices of the Entomology Research Division (USDA) at Excelsior Springs, Mo., on pathogens and biological control, and he commented that he is most enthusiastic about the rapid progress being made these days in this important non-insecticidal approach to insect control. While Art was in Bangkok on his recent trip, he visited Major JOHN SCANLON and noting that *Mosquito News* didn't appear in the journals and books in his home, asked John how come. John's reply was that "That extremely useful publication is so important and so good that I must keep it on my desk at the office for frequent reference." Thanky John! Later, in the Philippines, Art says he brought the same subject up with Major W. F. PIPPIN and he also promptly said, "it's the one indispensable periodical for use in mosquito work regardless of where one was working." (Take a bow, Ed!) We remember how useful it used to be when we were way off in those same parts and we're sure they weren't being a bit too fulsome.

A COPY OF A WRITE UP ON ART'S TRIP has come to hand and we think you would probably like to read the whole thing, so here it is:

"Dr. and Mrs. A. W. Lindquist have returned home after a four months absence. For two months A. W. Lindquist was Technical Director of a short course for international students on the use of radioisotopes and radiation in entomology research at the University of Florida in Gainesville, Florida. This course was sponsored by the International Atomic Energy Agency and Foreign Agriculture Organization of the United Nations with the University of Florida and the U.S.D.A. cooperating. There were 19 students from as many countries in attendance and a successful course of instruction was held.

"Following this Dr. Lindquist was a consultant for the World Health Organization on a trip which included visits to Geneva, Manila, Hong Kong, Saigon, Vientiane, Bangkok, Singapore, Calcutta, New Delhi, Bombay and returning to Geneva to report on the mission. This work concerned the prevention of disease-carrying insects hitch-hiking in airplanes from country to country. Following this assignment he was asked to consult with the International Atomic Energy Agency for 3 days in Vienna, Austria. A. W. Lindquist reports his work for these organizations was highly successful.

"While in Manila, very pleasant and informative visits were held with Dr. F. J. Dy, Director of Health Services, WHO Regional Office. This man who did much malaria and other work, cooperatively with U. S. Military Entomologists during the war, is doing an excellent job as Director of the Health Services in Western Pacific. He is

known to many AMCA'ers, especially ye Ed. of this column.

"Mrs. Lindquist accompanied her husband on this 40,000 mile trip and they report a pleasant and interesting journey. The people in all lands were cooperative, courteous and friendly. Evidence of official U. S. Government and private aid programs were seen in all countries."

DON JOHNSON AND DR. FRED BISHOPP have sent us a translation of a letter from R. WAKTOEDI, a Good Neighbor member from Indonesia, who writes and speaks perfectly good English but preferred to write in Indonesian in this case, so that "if it is not clear, you may think about us all the more." This is on the principle that one appreciates most the things one must work for, and we are sure no one needed to work to appreciate Mr. Waktoedi; but on the other hand, it is heart-warming of him to want us to. The first paragraph of his letter seems of interest to all of us, and is as follows:

"I am still at Kopemda, West Java (Provincial Malaria Eradication Service, West Java), in Bandung as national adviser and also as malariology teacher at the School of Medicine of the University of Padjadjaran. Entomology is a subject I love and it is now a hobby of mine; there are still new problems to be solved. Magazines such as *Mosquito News* etc., are very valuable to me. I want to thank you very much for being so kind as to send me *Mosquito News*. Only God knows and will duly reward you for your goodness. In the present political relations between the United States and Indonesia may there be mutual understanding and appreciation and may there never be any cause for friction in personal relations."

IN OUR ALL ONE BIG HAPPY FAMILY DEPARTMENT this time we find a note from GEORGE THOMPSON who points out that Oscar Lopp's telephone is Randolph 2-5309 while George's is Randolph 2-5350. We don't know if this is any argument for all digit dialing (down with it!) but everybody better be mighty careful about how they dial if they don't want a mighty *big telephone bill!* 'Cause looks to the contrary notwithstanding, they ain't side by side geographically.

THEN IN THE LIST OF OFFICERS FOR SECTION D OF THE ENTOMOLOGICAL SOCIETY OF AMERICA, we note that every single last one of them is an AMCA'er. Not *too* surprising, of course, but still. . . .

THOSE OF YOU WHO ARE RESERVE OFFICERS in any of the three services may like to know the convening dates for the two-week course ACTDUTRA given at the U. S. Navy Disease Vector Control Center, Naval Air Station, Alameda, California. This course is separate from normal ACTDUTRA in some cases and in any case counts for ACTDUTRA points. It's called "Biology and

Control of Vector-Borne Diseases" and attendance quotas may be obtained through your reserve outfit and the Bureau of Medicine and Surgery, Department of the Navy, Washington, D. C., 20390. Convening dates are as follows: 11 October and 6 December, in 1964; 7 February, 11 April, 6 June, 8 August, 10 October and 5 December, in 1965. Major GARDNER McFARLAND was one AMCA'er we saw there recently.

DID YOU ALL NOTICE THE WONDERFUL RESUME OF MOSQUITO POPULATIONS AND OCCURRENCES IN 1963 which appeared in the *Cooperative Economic Insect Report*, Vol. 14, No. 14, for April 3, 1964? This useful digest should be coming to all of you and will, if you request it from the Plant Pest Control Division, of ARS, U.S.D.A. And, of course, if you'll send in items it'll be even more comprehensive and useful.

IN LOOKING OVER THE WHO'S WHO ITEMS WE'VE PRINTED DURING PAST YEARS we found that we had given you the run down on each of the new AMCA officers with one glaring and horrible omission: CARROLL SMITH! (How could we have done that?)

CARROLL SMITH was born in 1909 in Menlo, Iowa, making all of us who have had about the same amount of time wonder why we haven't used it as well as Carroll has. He attended grammar school in Moravia, Iowa and high school in Albuquerque, Phoenix and Washington, D. C. He thereafter attended George Washington University and in quick order received his AB, MA and PhD, the latter just in time to be snapped up by the Army, which knows a good thing or two. But don't get the idea that all that degree stuff was just lounging around either. He was WORKING all that time in the Division of Insects Affecting Man and Animals, in all grades from GS-4 to GS-12 in Washington, D. C., Martha's Vineyard, Savannah and Orlando. His wife, who holds an MA in botany, was a classmate and can attest to all this activity. Heading the laboratory at Orlando, he has now successfully moved it to Gainesville, Florida, where it carries on its important pioneering work. Carroll is a member of Phi Eta Sigma and the Sigma Xi and of various professional societies, including, of course, the Entomological Society of America, of which he is currently President. His article in the *March Bulletin* of that Society is a lucid and impassioned plea for those of us who like to consider ourselves professionals to come to the aid of the profession in encouraging young and struggling neophytes in our Order. You know, we who know EVERYTHING about mosquitoes tend to think young folks are sort of stupid not to know as much as we do and to be a little vague about habitats and biting habits. (We dipped in the *(middle)* of a flowing swamp on our first anopheline survey of an Army base during WWII.) One of the ways these who are going to carry on for us can get

started is through a strong Association and we're sure Carroll agrees that his words apply to AMCA as well as they do to ESA. Carroll was a Lt. Col. last time we saw him in uniform but we think he said he was retiring (we don't mean modest, which he is) but we forgot to ask his rank and status. But he's very much an active part of AMCA and a shining light of whom we are all proud.

AND, GOLLY, JUST AS THE PRESSES CLOSE, LET US SLIP IN A NOTE ABOUT YE ED., DON COLLINS, who's teaming up with MANLEY JOBBINS, DICK HAYES and HARRY PRATT to present an Epidemiology Course in New York City as we write this. (On account of the time difference, they have one more hour to go as we write this, as a matter of fact, so you can see what hot news this is!) Anyone who has attended one of Dr. Pratt's courses knows how packed with worthwhile knowledge they are, and we needn't add that with the instructors all AMCA members it isn't surprising. Have you had one in your region yet? And, by the way, have you seen Harry's revised training film, "Arthropod-borne Encephalitis"? It's number M-542 and it's a marvel.

AID . . . AGENCY FOR INTERNATIONAL DEVELOPMENT . . . HAS SO MANY AMCA'ers it's hard to keep track of them but DON JOHNSON tries to keep us informed and if we get a little behind, please bear with us. He writes that Dr. M. A. Farid is now starting in at Manila (after his good services at WHO/Geneva) as new top man "Coordinator of Studies." The AID malaria eradication center is an air-conditioned, three-story building located in the San Lazaro hospital compound of the Philippine Bureau of Health. The first training course started last November, continued with one for sub-professionals ending in April and plans a two week course on epidemiology for malariologists in June and a course for professionals from July to October, with a concluding "short" course for microscopists in November. Which sounds like a pretty full year. Wish we could go to that July to October deal!

HARRY PRATT SUPPLIES SOME DETAILS OF THE FIRST COURSE IN MALARIA ERADICATION TECHNIQUES HELD BY THE PEACE CORPS: Early in 1964 The Peace Corps decided to furnish instruction to a group of 22 Peace Corps Volunteers who would work in Thailand on the National Malaria Eradication Program. A rather comprehensive course of study and field work was held in March and April 1964 at Hilo on the big island of Hawaii where the University of Hawaii has a Training Station for the Peace Corps. Instruction was presented by Dr. Walter C. Earle, a physician who was formerly Chief, Malaria Eradication Training Center in Jamaica; Dr. Dorothy Mae Melvin, a parasitologist from CDC; Dr. Harry D. Pratt, entomologist from CDC; and James Thomson, engineer with Pan-American Health Organization. Edgar Smith, Chief Malaria Advisor with AID in Thailand, and Dr. Sombun Phong Aksara, Malaria Project Director in Thailand, lectured during the last week of the course giving the students the overall picture of malaria eradication in that country. One of the more interesting field trips was conducted in the 1000-foot deep Waipio Valley which can be entered only on foot or by jeep. Here the students practiced contacting other Peace Corps volunteers going to Borneo or Sarawak who were living in thatched Thailand or Philippine type houses and went through the actual experience of seeing that clothing was removed from the walls and that food was covered before spraying with DDT suspensions was carried out. The 22 students are scheduled to fly to Thailand and begin work in May 1964.

HARRY STAGE SENDS WORD THAT DR. FRED BISHOPP IS IN THE HOSPITAL, after a vascular accident. Dr. Fred is improving markedly at this writing and has regained use of his hand, but will not be writing any letters for a while. HOWEVER, this does not mean he would not like to RECEIVE them and we should like to urge you to write to him, care of the South Bay Hospital, Redondo Beach, California. He'll be mighty pleased to receive any little old chatty news, however trivial.