

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

DON PLETSCH WRITES THAT SEVERAL AMCA'ERS PLAYED IMPORTANT PARTS IN THE INTER-AMERICAN MALARIA RESEARCH SYMPOSIUM held in San Salvador during 1-4 November, 1971. Among them were MARTIN YOUNG, SAM BREELAND, ROY ELLIOTT, JIM KITZMILLER, DON WEIDHAAS, HAROLD CHAPMAN, GEORGE CARMICHAEL, CLIFF LOFGREN, TONY BROWN and S. Y. LIU. DON JOHNSON moderated a panel on "Chemical Control of Vectors," LLOYD ROZEBOOM moderated one on "Vector Ecology and Control" and the other subjects ranged from anti-malaria drugs (Young) through chemosterilants (Weidhaas), predators and pathogens (Chapman), vector behavior (Elliott), genetic control (Kitzmiller), ULV (Lofgren), and Propoxur (Liu), to ecology (Breeland and Brown).

"Thirty members attended an AMCA breakfast," Don wrote further, "Among the early-rising AMCA'ers were two past presidents (George Carmichael and Dr. A. W. A. Brown), two ex-Directors of the Latin America and Caribbean Region (Dr. ARNOLDO GABALDON of Venezuela and Dr. LUIS VARGAS of Mexico) and two new members (Dr. ERNANI FERREIRA of Brasil and Dr. Su Yung Liu, who is working in El Salvador). Others attending were: R. W. BABIONE, CARL HACKER, ROBERT LINKFIELD, JOHN SCANLON, JOHN STIVERS, HERB BARNETT, WADE FOWLER, JESSE HOBBS, HERB SCHOOF, JAMES THOMSON, JOHN BELKIN, FREDDY GONZALEZ, HUGO JAMNBACK, ED SMITH, JAMES SMITH, JR., and RAY TREICHLER.

"The informal session included an introduction of the new members, the past presidents and ex-regional directors and self-introduction of other members. The April, 1972, annual meeting in Miami Beach and the 1973 meeting in Houston were emphasized, and a reminder of the importance of membership-recruitment efforts was made."

Don pointed out that, "expiration of his term of office requires election of a new regional director before the 1972 meeting. In accordance with the AMCA by-laws, a three-member Regional Nominating Committee is being appointed to prepare a list of candidates and to conduct the election among regional members."

AS IS INEVITABLE WHENEVER MALARIA FIGHTERS ARE GATHERED TOGETHER IN ANY PART OF THE WORLD THERE WAS A LOT OF REMINISCING ABOUT OTHER TIMES AND OTHER PLACES IN OTHER PARTS OF THE WORLD and the San Salvador symposium was no exception. Dr. K. C. Liang, who directed the Taiwan Malaria Research Institute and was reputedly the indispensable ramrod of the successful eradication program, was there, along with Drs. Wan I Chen, C. H. Chuang and Liu. Don says that these veterans of TAMRI are now effec-

tively advising the PAHO, with Dr. Liang in Washington, Dr. Chen in Guyana (which we still want to spell Guiana in English) Dr. Chuang in Nicaragua and Dr. Liu, as mentioned, in El Salvador. Don says they had a happy time comparing opinions on the vectorability of good ole *Anopheles minimus minimus* as contrasted with the local belles, and decided that covering the houses of 5,000,000 people, as they did, with only 5 jeeps and the rest shank's mare, compared with today's motorized coverage, merely proved that corns and callouses may be painfuller but they're easier to repair in the field than carburetors!

Well, that's a whale of a lot of notes, Don, and we do thank you for them. Wish we could have been there, need we add? (Incidentally, Don and his lovely wife, Dr. Socorro Pletsch, will by now have moved into their new stone and log house, so long a-building . . . like all new houses . . . at Calle Ejercito de Salvacion 106, Tetelpan, San Angel, Mexico 20 Distrito Federal, Mexico. Blessings, Don and Socorro!)

YOU REMEMBER HOW WE TOLD YOU A NUMBER OF MONTHS AGO ABOUT THE BACTERIUM THEY'D DISCOVERED THAT COULD *EAT* OIL? And how we remarked that this seemed to solve our pesticide pollution problem 'cause if anyone hollered at us too much we could just go back to good old diesel oil at 30 gallons an acre and then spray with microbes (as soon as the mosquito larvae were dead) and *voilà* . . . no oil! Well, by golly, someone has gone *that* one better. Here comes a report on a bit of research funded by the Office of Naval Research and done by a Dr. Jerrell Fair, where he tried using the bacterial enzymes, freed of the cell structures, as an olephage, if we may coin a word. It *works!* (Maybe Flit MLO could incorporate a separate enzyme plastic bag that you break just as you spray out the oil and lo! As soon as your mosquitoes are dead the digestant goes to work and *that* ought to keep the Instant Ecologists off the Flit people's back for a while.) Thought you'd like to know.

AND K. S. RAI HAS BEEN MAKING IT EASIER FOR US TO CONTROL *Aedes aegypti* genetically. In doing his studies on cytoplasmic incompatibility, he thought it would be easier to have the subjects identify themselves, so he managed to link the genetically imperfect strain with silver coloration, which shows up fine. Now, if you see any silver *aegypti* males floating about your tire yard, latch on to them! They're pure gold, control-wise.

YE OLDE HARRY STAGE HAS BEEN MISSING FROM THESE PAGES LO THESE MANY MONTHS AND YOU MIGHT HAVE THOUGHT HE'D *REALLY* RETIRED. We

almost thought so ourselves. But no. Looking in all those bromeliads for mosquito breeding just made Harry a confirmed orchid fancier and the terror of the mosquito world has become the judge of the epiphytes. From Coos Bay to San Diego, to Canada and back and we don't know where-all else he flits. We got orchids in Hawaii, Harry!

JUANITA AND ART LINDQUIST HAVE DONE RIGHT SMART FLITTIN' ABOUT, TOO, as we learned with great pleasure when we saw them at the ESA meetings in Los Angeles. Art had two trips to the hospital, too, and we don't see how the doctors managed to get appointments with him. Campering in Florida and Texas in January and February, "barn painting," then back to Gainesville and seminars in June, July and August on sterile male techniques, with 19 foreign students, Nita described as "wonderful." On to Colorado, Washington, D.C., New York, Ohio, OREGON, and then, after ESA, around Southern California, across Arizona and New Mexico and HOME (missing storms all the way, and a lovely view of snow-capped mountains, not roads. wow, is all we can say.

SPEAKING OF ESA, WE WISHED WE WUZ A EDITOR AND HAD SOME OF THOSE GUYS' TALKS TO EDIT. Maybe you haven't noticed but we have a thing about neologisms and fancy fixin's. We counted no less than FIVE speakers who called people applicators, so we guess that's here to stay. Good-by applicers. Goodbye to mechanical applicators, for that matter. Being in the military, we get plenty of the pretentious gobbledegook and plain bad grammar, so perhaps we're hypersensitive and out of step with the growth of the language, but golly. Like "attendee." Trainee, yes, lessee, OK . . . but attendee? Retiree? What ever happened to attendant? Attender? Retirer? . . . *Applier?* ? ?

DON JOHNSON AND HIS WORLDWIDE COMMITTEE HAVE BEEN RUSTLING UP PEOPLE AND EDUCATIONAL ARTICLES LIKE ANYTHING and really struck some pay dirt. But they'd still like your help. Send suggested names and addresses to Dr. HUGO JAMNBACK, Science Service, State Education Department, University of the State of New York, Albany, New York 12224. Don takes pride in pointing out that no less than SIX of his Worldwide Committee were at the San Salvador seminars. He also passes along the name of Ing. Dušan Novák, Chief, Laboratory of Entomology, Honodín, Delnická 18, Czechoslovakia, who would appreciate receiving reprints and bulletins on mosquito control.

He also passed along a request from Russ FONTAINE in Africa, who said that the University of Nigeria library was destroyed by fire during the Biafran war and they are attempting the rebuild their book collection. Any available publications on mosquito control and, presumably, related subjects, will be most gratefully received

by Mrs. A. O. Ike, Serials Librarian, Nnamdi Azikiwe Library, University of Nigeria, Nsukka, Nigeria. And anyone, further, who is interested in helping the Committee compile a list of international researchers (thank you, Don! Not researchees) in public health vector control and indicate their specialties, please communicate with Dr. Robert L. Linkfield, Public Health Program, Cyanamid International, P.O. Box 400, Princeton, N. J. 08540. (Don says that Russ was in Atlanta en route to California and home leave, and thence goes back to Africa for his next assignment as Team Leader of W.H.O. Anopheles Control, Research Unit II in Kesuinu, Kenya . . . we THINK Don wrote Kesuinu. His bad handwriting isn't quite the same kind of bad as our bad handwriting, so we can't be sure we read it right.)

INCIDENTALLY, ALONG WITH DDT AND OTHER BURNING ISSUES TO WRITE YOUR CONGRESSMAN ABOUT, WE PICKED UP ANOTHER ONE AT THE ESA MEETINGS. Seems Congress is causing USNM to reduce the staff at the Insect Identification (Taxonomic) Branch, shortly to be depleted of a famous Dipterist anyway, and this is NOT a small matter to us out-in-the-fields types. We need a whole lot more, not less, help in identifications, if we are truly to know whatinell we're doing, or think we're doing. At least, that's how we see it.

DR. JESSE L. STEINFELD, THE SURGEON GENERAL OF USPHS, REALLY WENT TO BAT in September in hearings before the EPA, not so much for DDT as *against* the surcharged emotionalism which has scapegoated DDT for the sins of the whole race and charged it with crimes of which it is wholly innocent or which at worst have been poorly proved. EPA has made it rather plain, as in a speech at the ESA meetings by a Mr. Dominick, that *they* consider the emotional testimony of the uninformed to be as valid as the factual testimony of the scientific . . . more democratic that way, you know. So Dr. Steinfeld (whom the EPA Chairman insisted on calling Steinfeld) displayed considerable courage and we commend him and thank him for it. He lit a candle. He also went to Texas to look into the VEE outbreak when things were at their hottest. The testimony to EPA was superb and we wish we could reproduce it in toto. Depressing to realize that its worth was not more widely recognized.

TED RALEY WRITES THAT SPEAKING OF MEETINGS, THE MEETING IN MEXICO CITY JUST PRIOR TO THE MAIN EVENT IN MIAMI is shaping up nicely. "Dates have been reasonably well fixed for April 19-22nd," he says. "The main topic on the agenda will be VEE; however, other facets of mosquitoes and their control in the area will not be overlooked. Field trips and visits to the laboratory and operational facilities will be fitted into the meeting schedule. Everyone is welcome." Write to Ted if you are interested.

In Ted's December memorandum to the Board (like Jack Anderson, we get our hands on lots of confidential stuff), he says "bank deposit Monday, December 6th, boosted collection for the year to over \$50,000.00. \*\*\* Only five years ago, the total receipts in 1967 were \$32,016.57." (Ted thinks this is a good time to make plans for the five lean years.) "Would you believe \$11,078.97 for advertising in Mosquito News in 1971? Tip your hat to FRANCIS CREADON because it's true. This success should generate an active effort by every member to help Mr. Creadon to get more ads. [Emphasis added.]

"Don Collins balanced the four issues of Mosquito News charged to this year's budget quite nicely. The total printing, mailing and incidentals costs will be below the estimate. This is remarkable when you realize he has direct control over only around 50% of the content of each issue. Advertising, Association business, the Bibliography, *News and Notes*, committee items etc. are of course edited but the volume is essentially determined by the contributor." [Emphasis added.] You trying to tell us something, Ted?

DR. E. HAROLD HINMAN, COMMISSIONER OF HEALTH OF WYOMING COUNTY, WARSAW NEW YORK, DIED OF DECEMBER 25, 1971, at the Johns Hopkins Hospital in Baltimore, following a long illness. Active in preventive medicine, in mosquito control and in AMCA, Dr. Hinman will be missed by many. His biography in *Who's Who* fills a very big chunk of the page for he had had a wide career. He was born in Canada in 1904 and received his BA (with honors) at Queens University in 1927, his MS and PhD from Cornell in 1928 and 1930 respectively. An MD from Louisiana State University Medical Center and a MPH from John Hopkins quickly followed. He became an American citizen in 1933. He was a research fellow at Cornell, at Tulane and at LSU, moved on to TVA and, during and following the war, was chief public health officer of the Institute of Inter-American Affairs in San Salvador and Mexico. He taught at the University of Oklahoma, the University of Puerto Rico and Jefferson College in Philadelphia and did a stint in Washington as Chief of the Technical Resources Division of the office of Public Health in ICA. He was the recipient of so many awards and sat on so many advisory councils they can hardly be recounted. Besides AMCA and numerous medical societies, he was a member of Sigma Xi, Phi Sigma and several others and of the Cosmos Club in Washington.

THE OHIO MOSQUITO CONTROL ASSOCIATION HELD ITS 5TH ANNUAL MEETING on 8 and 9 September 1971 at the Hospitality Motor Inn in Willoughby. WARREN WISSMAN writes: "It was the most successful meeting held in the short history of the Association. There were seventy-

five people in attendance. They heard some of this country's foremost experts in mosquito control. Prominent speakers were JOHN KILPATRICK and Dr. W. DANIEL SUDIA, CDC, Atlanta, Ga.; Dr. GARY MOUNT, USDA, Gainesville, Fla.; Mr. WILLIAM I. BARTON, Metropolitan Mosquito Control District and Regional Director of the North Central Region of AMCA; Dr. ROY RINGS, Ohio Agricultural Research and Development Center, Wooster, Ohio and Dr. HAROLD D. NEWSON, Pesticide Research Center, Michigan State University, Lansing, Michigan.

"During the business meetings MARGARET A. PARSONS was re-elected President, Dr. Roy Rings, President-Elect, and Warren G. Wissman, Secretary-Treasurer. The 1972 meeting will be held in September in Toledo, Ohio. The date is undetermined at this time but any correspondence can be sent to the Secretary-Treasurer's home address, which is 3653 Hillward Drive, Willoughby, Ohio 44094, or to Margaret A. Parsons, Ohio Department of Health, 1571 Perry Street, Columbus, Ohio." We wish we could correspond and say we'd be there next time, Warren.

BOB BARNETT HAD HIS TROUBLES IN CLOSING DOWN HIS HARRIS COUNTY (TEXAS) MOSQUITO CONTROL OPERATIONS FOR THE YEAR. In the wake of the VEE scare, he had unusual rainfall, including a hurricane. Then a local radio jockey told the garden club types that anti-mosquito fogging had caused the damage to some ornamental pines. Since he was obviously an expert there was no need to ask any other experts, until the hollering reached Bob, who promptly sent some specimens in to a forester. However, the likelihood was strongly in favor of insect damage, which notably follows stress damage, in pines, from earlier drought, construction work and such, and these were also present.

Bob had some bright spots, too. Two human cases in a hospital, who had positive St. Louis antibody titers turned out not to have been local, and although VEE has been isolated from practically all kinds of animals from cottontails and 'possums to packrats, no VEE isolates have occurred in Harris County. But Bob's advising planning ahead anyhow.

GENE GERBERG SENT A LONGISH LETTER SALUTING US AS "JAMBO, BWANA," BUT WHEN WE SAW H.M. IN LOS ANGELES HE WAS BACK TO SPEAKING ENGLISH AGAIN INSTEAD OF SWAHILI. He went to Geneva for an Informal Consultation on Procedures for Screening Potential Antimalarial Compounds . . . that's the *informal* title . . . which was chaired by Dr. Haworth and included Professor W. Peters, Dr. Leon Schmidt, Dr. Karl Rieckmann and Dr. Kretschmar as well as Gene. He added, "Of course, saw JIMMY WRIGHT, TONY BROWN, RAJINDRA PAL and ROY FRITZ as well as BILL McDONALD." Of course. "From there," he continued, "I went to Nairobi as a consultant for GEORGE CRAIG's ICIPE-MBU (International Centre for Insect Physiology and Ecology, Mos-

quito Biology Unit). MBU also means mosquito in Swahili—rather neat I thought! How you pronounce MBU, Gene? We forgot to ask you. Anyway . . . "WALTER HAEUSERMANN picked me up at Nairobi and we went to Mombassa to discuss mass rearing as well as help set up the laboratory work on good ole *aegypti* and possibly *simpsoni*. Paul McDonald was at Mombassa working with Walter and I also had a chance to see Eleanor Van Someren again. \*\*\* 10 days were spent in Kenya . . . Tom Odhiambo who is Director of the project, is developing quite a setup there. [In Johannesburg at the IMR] I had a chance to talk to Dr. Gear, PETER JUPP, John Ledger and Jim Muspratt. We also tracked down the type locality of *Aedes simpsoni*." You ought to be writing News and Notes, Gene. We only go in half circles.

GEORGE THOMPSON FOUND THAT FOR THE FIRST TIME AIR POLLUTION IN JEFFERSON COUNTY (TEXAS) WAS A SIGNIFICANT FACTOR. "When winds are from the East," he wrote, "days that were otherwise ideal were a total loss for air operations as visibility was less than 2 miles. On two occasions it was necessary to use trucks in areas where an airplane is the more efficient vehicle."

FRED ROBERTS, WHO TOOK OVER CHET ROBINSON'S ALAMEDA COUNTY (CALIFORNIA) MAD last fall, reports more in sorrow than in anger that whereas they got 5 years' control of the western treehole mosquito, *Aedes sierrensis*, in the Oakland hills, using DDT in the past, they got only 2 years' control since changing to an insecticide not yet under critical fire from the Instant Ecologists. Ah, well. A few mosquito bites are good for people.

MOVING CONTINUES TO OCCUPY US MOSQUITO TYPES and so DON ELIASON has taken off from Atlanta and moved to Savannah, to 36 S. Lancaster Rd., Ga. 31404. Capt. MICHAEL SULLIVAN, leaving the academic halls of the Medical Field

Service School (U.S. Army) at Ft. Sam, is now with the Military Entomology Information Service at Walter Reed. CDR SHELDON WHITE, replacing CAPT DICK HOLWAY at PMU #6, here in Pearl Harbor, by the time you read this, will be henceforth (and in fact is now) touring the Pacific to get his sea-legs after the PhD grind at Florida. We didn't note it at the time but WALTER HAUSERMANN's trip with Gene Gerberg from Nairobi to Mombassa, was because he's MOVED there. P.O. Box 80804. Still in Kenya. DEAN FANARA's there, too. Capt. STEVE VALDER has gone from Eglin to the USAF School of Aerospace Medicine at Brooks AFB, Texas 78235 (that's NOT Brooke Army Medical Center), Dr. HAN HENG YAP is now at the University of Penang in Malasia. Capt. TONY BOSWORTH is out yonder with the 5th Preventive Medicine Unit, APO San Francisco 96538, and Lt Col WES NOWELL has also jumped over, from Lackland, to Brooks AFB, not much of a jump, really, BUT taking his laboratory with him!

Dr. CORNELIUS BARRY, still with U. of Maryland, transferred recently to the Brazilian-American Biomedical Program, % Consulate of U.S., Salvador (Bahia, not San Salvador) APO New York 09676, and LAWRENCE MITCHELL moved from Missoula, Montana to Ames, Iowa. Dr. JESSE HOBBS, of the CDC Malaria Program has gone from Atlanta to CAMRS-USAID, APO New York 09889, which we don't know where *that* is . . . how about a letter? Cameroons? Professor J. D. GILLET moved from Brunel College to Brunel University, a bigger sort of place, naturally. And CHESTER MEEK is no longer in Bryan but in College Station, Texas 77840, 601 N. Cross #5. They got five crossings there? Dr. T. SUZUKI, however, made a *real* jump though it may not sound it, leaving Western Samoa for P.O. Box 113 in Suva, Fiji, both pretty places, in case you're looking for a vacation hideaway, but a lot of ocean between them. Just the same, they are next door. Dr. JULIAN DEZULUETA, who was in Beirut, is now in Kabul, Afghanistan, WHO P.O. Box 33. And we are in Australia. Aloha!