

## NEWS AND NOTES

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WELL, GOSH, EVERY YEAR WE SAY, "MAN, THEY CAN'T POSSIBLY COME UP TO LAST YEAR'S ANNUAL MEETING, LET ALONE SURPASS IT," AND, GOLLY, EVERY YEAR THEY DO. Denver was really great. Not only the interesting papers and the stimulating (and informative) panels but, wow, the entertainment! Maybe there weren't quite as many people as at some meetings . . . there were 400, though, and lots of pretty ladies came with their husbands (91!) . . . and we missed some old standbys and good friends, but an awful lot of wonderful people were there, too. We can't name all we saw and talked to (and darn it the ones we DIDN'T see to talk to) and our shorthand gets harder to read every year, but we did garner a few spring flowers in the beautiful clear weather we had two of the days. PREXY AL BUZICKY and the Board made a well-thought-out presentation to the membership on the need to follow the lead of our elder-brother Societies in setting up a permanent full-time type Executive Secretary . . . and now, while we have TED RALEY to ease the "transition" . . . and this was pretty generally agreed. We're getting BIG and we mustn't stop being efficient and useful. Like we now have 90 countries on the *Mosquito News* mailing list (90!) and 4 of these new ones this year, Cuba, Gambia, Zambia and the Trucial States . . . which we didn't know where they are. (These notes MUST be wrong. Anyway, we know where *Gambia* is. That's where *gambiae* comes from, and a mighty small but important place it is, too.) ARCHIE HESS spoke on the need for some certificate of recognition for our many members who have distinguished themselves in mosquito control, since we can't possibly elect all of them President and give them a certificate of appreciation *that* way. So a committee of Past Presidents will look into it.

WE WERE SORRY DON PLETSCH COULDN'T BE THERE AND HOPE HE IS ALL WELL NOW AND ABLE TO TAKE THAT TRIP TO JAPAN. TOMMY MULHERN pinch-hit for him in introducing ARCHIE HESS, who needed no introduction naturally but got well-deserved applause for his long and productive career and the far-sighted prognostications he has made along the way. Archie moderated a panel made up of DICK SAKAI, JOHN EDWARDS and DON WEIDHAAS who spoke on new roads being taken in entomological research, especially in mosquito control. Dick was taking HERB BARNETT's place, Herb having had to go to Brazil (Rio for Mardi Gras, Herb?), and gave a fine summary of genetic research by such as HANS LAVEN and GEORGE CRAIG. We must admit that in thinking of cytoplasmic incompatibility and all we hadn't thought of simply making the beasties change their cycle enough so they aren't *vectors*. That wouldn't be enough for OUR

wife, though. She's not that scientific. JOHN ANDERSON rose at one point to remark that in all the hullabaloo about biological control vs. chemical we aren't telling John Q. Public enough of the truth . . . namely that we *are* using all there is already. And AL WEST added that it was, of course, obvious to us but not to JQP that the beasties we have to control are the survivors of a tremendous biological pressure already. As who isn't?

Well, the entertainment, we mentioned a moment ago was a perfectly hilarious play-in-the-round called "Cactus Flower" which couldn't possibly be described (parts of it couldn't be described *in print* . . . not here . . . but it was all innocent merriment really) and left everyone with tired faces from smiling and guffawing. Even DICK PETERS forgot what table he was at and wound up eating two tables away (it was a chuck wagon affair) so we all drank his beer and it served him right. And FRANK CREADON had at least one bus load singing all the way home. There were 390 at the dinner and 21 exhibitors and 14 sponsors in the exhibition hall and press coverage all over the place and we think LOUIS OGDEN and DICK HAYES and their committees deserve all sorts of credit for a great job well done.

AS FOR BUSINESS, AMCA is thriving. DON MURRAY pointed out that in spite of a fund gain of about \$4,794, our expenses were \$45,379 this past year whereas four or five years ago they were only about \$20,000. New Prexy JACK ROGERS, reporting for the Publications Committee promised that the revised Bulletin #1 would be ready in a few more months and said that Dr. FRANK MURPHEY, breaking new ground with Bulletin #6, is pretty sure it will be ready in 1973. The new PC is going to work out on the suggested "Mosquito Control Resource Book" so folks will know where we are already. GLENN STOKES reported an 108 name increase in our mailing list of 2155 subscribers and including 1461 members. He still cries "Every Member Get a Member" if not this year than in the next two years. He brought some beautifully worked up specimen letters which we could send to friendly ESA members and showed examples of the warm and welcoming letters *he* has sent to all new members and subscribers . . . and to our faithful advertisers.

DON JOHNSON LISTED THE DIRECTORS OF THE WORLDWIDE ANTIMALARIA PROGRAMS from Argentina to South Yemen . . . and gosh, there are a lot of them! We are NOT alone. BOB VAN-NOTE said the liaison with fish and wildlife people was getting better and better. They met

with the Florida Mosquito Eradication Association in 1970 and will be meeting in October of this year in New Orleans as will the Marine Fisheries Association, with GEORGE CARMICHAEL's Louisiana Mosquito Control Association. We had a good year in *Mosquito News*, too. We went from 128 articles and notes in 1969 to 136 in 1970, the increase being in the operational and scientific notes (hurray! Keep sending them in!) And Assoc. Ed. HELEN SOLLERS-RIEDEL's Bibliography Section reached a new high of 505 references in one issue and totalled 1,830 during 1970. You can see why so many subscribers read us. And why we do ourselves.

WE DO HOPE THAT YOU ARE RECEIVING THE W.H.O. Bureau of Vector Control (VBC) PUBLICATIONS AND HAVE TIME TO READ THEM after receipt, which is more than we do sometimes, alas. Because if you do, you've seen a number of interesting numbers of late in the 70 series, which we received early in 71 and should have noted in the last issue. For instance, there's MILAN TRPIS's "Ecological Studies on Breeding of *Aedes aegypti* and Other Mosquitoes in the Shells of the Giant African Snail *Acatina fulica*," (70.236), which is certainly relevant to anyone in our Pacific areas. We've wondered about those things in relation to *Ae. albopictus*, which we've found in the snail shells a few times in our desultory surveillance fashion. And ERNIE BAY had an issue with LEE SELF on the place of Guppies in *Culex fatigans* (h'ray for you there, Ernie!) Breeding in Bangkok, Rangoon and Taipei (70.234); GENE GERBERG and E. C. C. VAN SOMEREN collaborated on a lovely pictorial key (that's the kind WE like) of *Aedes* in East Africa; GENE and MILAN got together on a study of "Laboratory Colonization of *Toxorhynchites brevipalpis*"; friends K. E. SAVAGE, R. E. LOWE, E. I. HAZARD and C. S. LOFGREN came forth with some fascinating info on the possible "Suppression of *Plasmodium gallinaceum* in *Anopheles quadrimaculatus* Infected with *Nosema* Microsporidia," that leads to further bemused speculations; and NORM GRATZ joined Y. H. BANG and C. P. PANT in a "Study of the Suppression (Ital. ours) of a Field Population of *Aedes aegypti* by Malathion Fogs and Abate Larvicides." Suppression. wow. ("Suppress. v.t. To put out of existence; extinguish."—Webster, 3rd Ed.)

OSCAR DOANE WHO IS SUPERINTENDENT OF THE CAPE COD MOSQUITO CONTROL PROJECT in Hyannis, which you may remember is where other folks vacation, wrote us just before the Denver meetings. It's a good thing he did, considering the way our notes were scribbled there, and what we might have thought he said when we saw him. He said that the Northeastern Mosquito Control Association has become very strong and effective and is quite definitely oriented toward the practitioner (that's us; we're glad to hear all this). They have members from New York and New Jersey (!) as well as New

England. New Prexy is FRED DANOS whom we proudly claim for the Navy. He's living in Barclay Farms in Cherry Hill, New Jersey, now, which we guess is how the NEMCA got those New Jersey members, though Fred's office is in Philly . . . so where are the members from Pennsylvania, Fred? (Private to Oscar: Welcome to the Grandfather's Club.)

KARAMJIT S. RAI OF NOTRE DAME UNIVERSITY AND DIRECTOR OF THE MOSQUITO BIOLOGY TRAINING PROGRAM there writes that their program is in its second year now on a fund from NIH. He sends a brochure entitled "Mosquito Biology: Genetic, Organismic, Environmental" and wonders if any of us know or have students who would be interested. If so, better send for one of these booklets because the course surely sounds mighty interesting. Gosh, we sort of wish we were young and starting over again. There are so many good people around these days, to learn from!

HARRY PRATT WROTE TO SAY THAT ONE OF THE LARGEST MOSQUITO CONTROL TRAINING COURSES, ever, was held March 8-12 in New Orleans, Louisiana, with almost 100 students in attendance. It was jointly sponsored by the Louisiana State Department of Health, Louisiana Mosquito Control Association, U. S. Public Health Service, and the new Environmental Protection Agency (EPA to us know-it-all!) HARRY and PAUL SCHEPPE covered mosquito-borne diseases and the laboratory identification of mosquitoes, while JOHN KILPATRICK and ROY HAYES discussed the ULV method of mosquito control and disaster aid. There were excellent discussions of the many aspects of mosquito control by the directors of the five mosquito control districts in Louisiana: CHARLES ANDERSON, SAM RICHE, WILL SCHULTE, GLENN STOKES, and AMCA Past President GEORGE CARMICHAEL, as well as CHRIS ELMORE from Mississippi. TOM BRADLEY of the Louisiana Wildlife and Fisheries Commission spoke about the wildlife (not what you may be thinking!) aspects of mosquito control and LSU's DAYTON STEELMAN talked about larvicides, including some new research with juvenal hormones. All the staff and students thoroughly enjoyed the traditional New Orleans hospitality. One of the highlights of the course was a visit to GEORGE CARMICHAEL's modern mosquito control headquarters to see three different types of airplanes used in ULV aerial application of insecticides and one of CHARLEY ANDERSON's new ground ULV machines. On the last day most of the staff met to discuss plans for a National Conference on the Relationships of Mosquito Control and Wildlife Interests to be held in New Orleans, October 20-22, 1971. Almost as an afterthought, Harry adds that 20 of the students (CHRIS ELMORE's men) drove 70 miles *each way* from Gulfport *each day* to attend the course!

WHEN DR. BOB ELBEL AND GEORGE CRANE AND KEITH SMART WROTE THEIR VERY SCIENTIFIC

TREATISE ON THEIR ARBOVIRUS ISOLATION STUDIES IN UTAH, they ran into a little anecdote that the old time entomologists would have included in the paper without any hesitation. But that isn't the style now and we think it's sort of a pity. Bob says that one of their areas was Redding Springs but as it wasn't called so on any map they could find, they asked an old timer and he said it was named after a certain Mr. Redden and that they'd find it mentioned in the diary of the late George Bean. Well, lo and behold, when they scurried around and read Mr. B. they found *he'd* called it Redding Springs but he'd also called it Redden. He'd camped there one night in March 1855. Next day, looking into Indian burial sites in some other springs nearby, golly, he found six Indians standing bolt upright in the water, their heads three or four feet below the surface, all crusted over with a salty deposit and looking like mummies. He didn't say they'd died of encephalitis, but man, we can't help but wonder what sort of titre he would have gotten from THEM.

DR. GEORGE LANGFORD RETIRED IN MARCH AFTER FORTY-FOUR YEARS SERVICE TO THE PEOPLE OF MARYLAND and a reception was held on 17 April at the University to honor him and give him a bound volume of letters from his many friends, according to JIM FOSTER, who chaired the occasion, if one can speak of chairing a cocktail party! We wish we could have attended, to wish George long life and a pleasant retirement with all the health and vigor he spent so generously in the cause of entomology.

Dr. Langford's successor as State Entomologist of Maryland is DR. ROBERT M. ALTMAN, also well known to AMCA members. A Colonel in the U. S. Army Medical Service Corps, Dr. Altman was responsible for developing the U. S. Army Medical Entomology Program for the Vietnam conflict.

OUR FRIENDS THE INSECTICIDE MANUFACTURERS INSIST THEY CAN SEE SLIGHT INDICATIONS THAT THE PENDULUM HAS SWUNG ABOUT AS FAR AS IT CAN BUT WE'RE SORT OF PESSIMISTS OURSELVES. Nothing is going to be let go of, that so many folks can make instant reputations on, as they can on ECOLOGY . . . not very soon. Be that as it may, and to return to syntax, those of you who subscribe to NATIONAL PEST CONTROL OPERATORS NEWS will have found a bonanza in the February and March issue, with a string of fact-filled articles on DDT and what Dr. Gordon Edwards calls the widely-known non-facts. When the Instant Ecologists can jump from one non-fact to another with nimble ease, picking off one vital material after another as they go, it is no time for apathy or resignation. So bone up on your facts, fellas, and get in there with both fists swinging. Every conversation counts. And don't forget to mention that these Instant Ecologists are doing the Ecology a lot of damage, diverting attention from REAL problems.

WELL ANOTHER MAGAZINE FRIEND OF OURS IS PEST CONTROL MAGAZINE (as you may have guessed before) with its timely articles on better and safer insect control methods and materials. Not to forget the annual summary on *Pesticides in Public Health* by good ol' CDC. This year AMCA included the Editors of PC in the resolutions of appreciation at the Annual Meeting, with particular reference to the great coverage they've given AMCA and, though they've scooped us time and again, we were happy to be among those who made this resolution unanimous.

BOB BARNETT CONTINUES ON HIS THOROUGHGOING WAY INVESTIGATING FIELD IMPORTANCE OF BIOLOGICAL CONTROL AGENTS and their relationship to other control measures. If we were a bird, however, we think we'd give a wide berth to Harris County. Bob is not only spreading the predators and pathogens around against the mosquitoes, he's been analysing the birds for SLE and for levels of chlorinated hydrocarbons and organophosphates and like that in their BRAINS. Well, we'd draw the line at THAT. Giving blood for titre tests in one thing but. . . Anyway, the test showed very low SLE activity.

FRANK CREADON INTRODUCED US BY LETTER, BEFORE DENVER, TO THE NEW MANAGER OF THE DESPLAINES VALLEY (Illinois) MAD. He's CALVIN G. ALVAREZ and though he manages to look far too young to have acquired it, he has had a good long background, beginning in the University of Florida (He's a native of Jacksonville) and going on through fellowships with USPHS for his work in medical entomology and environmental engineering. He has done research on mosquitoes, flies and refuse disposal, some of the former two with the USDA lab at Gainesville and he sailed Nawth on a warm breeze of well wishes from many in Florida. His District, which includes the Village of Riverside, of which Frank is a Trustee, also includes Lyons, Oak Park, Proviso, River Forest and Riverside, and if you've been to Chicago, you know what THAT means. Good luck, Cal, and welcome to Organized Mosquito Control! (Do it yourself, kind.)

INCIDENTALLY, Desplaines' ARTHUR MACBAIN persuaded the Illinois Bell in their May *Telebriefs*, last year, to enclose with each bill the offer of the free brochure, "Stop Raising Mosquitoes in Your Home & Yard" which the Illinois MCA put out. The *Telebrief* went to 3 million accounts and the response was "very gratifying." Good idea, no?

CHET ROBINSON REPORTED WRYLly THAT POISON OAK HAD A SOMEWHAT DIMINISHING EFFECT ON THE MANHOURS AVAILABLE to treat treeholes, which abundant rainfall made both less accessible (slippery trees, you know) and more essential. BUT LO! When they came to do it in an area they had treated last some *four years* ago, the previous

work was still effective and breeding was found in only ONE out of 2600!

BY CONTRAST GEORGE THOMPSON, WHO HAS A MARSH BREEDING PROBLEM reports that back in December the "year closed with the area having one of the greatest populations in 15 years. As (one of the mating flights was) described by one man, 'It looked like a small whirlwind coming across the marsh. It was as high as the telephone poles.' Hunters with cabins in the marshes have had to keep their dogs inside at night." Just the same, George had things back to normal by Denver time, he said.

LTC WADE FOWLER is now at AFPCB at Walter Reed, CHAS O'CONNOR is back in N.J. from Rio and Capt. MICHAEL J. PEACH III has transferred from the Department of Medical Entomology at Walter Reed Institute of Research to the similar division of the Army Environmental Health Agency at Edgewood Arsenal (Maryland) and Dr. YUKIO YOSHIDA has moved from Idai Idobutsu in Maruzen to the Idobutsu Kyoshitsu (which we would guess means Aquatic Insects Laboratory?) of the Prefectural Medical College, both in Kyoto. LCDR BOB PETERSON is now at PMU #7 in Naples, ED SMITH has come back from New Delhi to AID in Washington, BOB DUNKLY has left the elegant but cold environs of Croton-on-Hudson for Sarasota, TOM AIKEN has come back from Belem to YALE (THAT takes courage), Dr. WALTER HAUSERMANN has trekked off from Notre Dame to Nairobi (International Center of Insect Physiology and Ecology . . . which, why is it in

Nairobi, Walt? Nice place, but is it CENTRAL?), JIM HAWKINS has gone from Decatur, a suburban hold-out from metropolitan ATLANTA, if we remember rightly, to Murfreesboro, Tennessee, R. F. GAUFIN has moved *back* from suburban Herndon to Washington, D.C., TOM HAINES has left Chamblee for Nashville; Major (Master, Doctor??) DALE PARRISH, newly burnished up academically at Stillwater, is in HQ AFSC at Andrews AFB, just outside Washington, and once again a shining light in our Bureaucratic mosquito control scene.

AND AS THE SUN GOES DOWN ONCE MORE ON ANOTHER THRILLING CHAPTER OF OUR NEWS REPORT WE URGE YOU ONCE AGAIN TO GET THOSE OPERATIONAL ARTICLES IN, FOLKS. Our Editor urges you. WE urge you. And our new Prexy Dr. A. J. ROGERS urges you, and furthermore he has appointed a COMMITTEE to see that you DO. WAYNE MACHADO is Chairman, and the rest are: GEORGE THOMPSON, JAY GRAHAM, BILL BARTON, FRED LESSER, ART GEIB, JACK SALMELA, BOB PETERS, BOB ARMSTRONG and ELWOOD LYNCH. And if you can't find a sympathetic ear among those guys, friend, you better start worrying about yourself!

OH . . . ABOUT THOSE TRUCIAL STATES! They're southeast of QUATAR (and of course, you know where THAT is) on the Persian Gulf. They got Oil, Oil got Money, the Money got the Water and the Water got the Mosquitoes, Hi Oh the Dairy Oh, the Farmer in the Dell and ain't it hell to be rich?