

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

WE CAN'T GIVE YOU A RUN-DOWN ON THE JOLLIETY AT THE PORTLAND MEETING, NOT HAVING BEEN THERE BUT TED RALEY, WHO WAS, SAYS THAT THE LAST FIGURES HE HEARD ON ATTENDANCE WERE 385 full registrations and 105 ladies and a good hundred or more people in attendance who just dropped in. Even the banquet was way over three hundred. Everyone who was there raved about how well everything was run and how pretty Portland is and all and here Northwest didn't even HAVE a mosquito control association until just yesterday, seems as if. We sure wished we COULD have gone. And we're planning like mad for the 1971 one in Denver.

GEORGE CARMICHAEL became a grandfather right before the meetings started but managed to keep his cool for the Board meeting on Sunday and clear on through until it was time to turn things over to AL BUZICKY our new Prexy. Welcome to the Club, George. After you get used to it, you'll LIKE it! All of the fun and none of the problems; of the kids, you know. BOB VANNOTE and DICK FAY were elected to Honorary Membership, which they both richly deserved.

BULLETIN 5, our new Manual for Mosquito Rearing and Experimental Techniques, appeared in all its pristine glory and was worth the impatience with which we waited out the long gestation. It's ONLY \$3.50 fellers (Adv.) and WORTH MUCH MORE. Better get a copy for your reference libe. There's back issues of *Mosquito News* available, too, don't forget, at only three bucks per; and Bulletin No. 4 and the revised (1968) Bulletin No. 2 are still available at two.

NOT THAT WE NEED THE MONEY. Income for 1969 was ABOVE expenditures, with a little in the Bank. But hold everything! We got some modernizing to do and one of the items is some office equipment for all this increased paperwork. To say nothing of a paid somebody to manage us. Part time.

"All this" is undergoing a study, started by Pres. BUZICKY, who also knocked together some of the Committees (with the fullest approval of outgoing Prexy CARMICHAEL, we needn't add) and winds up with 15 instead of the previous 35, wow. Only FIFTEEN committees to name? Doesn't Al want to do ANY work? Anyway, the work for the study committee on the future course of AMCA is surely cut out. We'll hear all about it, no doubt, in Denver. Where, by the way DICK HAYES and LOUIS OGDEN will be the hosts. VP GLENN COLLETT will organize the

program and JAY GRAHAM, back by then from fur parts, will organize the commercial exhibits. It's to be an All-AMCA meeting sponsored by the West Central Region.

Which brings up another thing. Look at your new list of Regions. Looks like an improvement to us. But we hear the Mexico, Central and South America and Caribbean set aren't too sure all that name is going to sound any better in Spanish. Suggestions, anyone? Latin States? But they're not all Latins and anyway, that's sort of like Nordic and Aryan . . . fits into some *language* slots (but not others . . . and NO good for geography). What's wrong with dusting off the old Gulf States title? Well, Central America isn't exactly on the GULF of Mexico. We could say south of the Slot, as we used to in San Francisco. Or just Gulf of Mexico-Caribbean Sea. And Southern. Which sounds like a railroad.

SPEAKING ABOUT PESTICIDAL CONTAMINATION, WE GUESS YOU ALL SAW THE REPORT FROM RIVERSIDE (CALIFORNIA) BY S. V. AMONKAR and E. L. REEVES. Seems they got control of *C. tarsalis* with extract of GARLIC! We always knew it was potent stuff, though we love it. We well remember how one night at Boy Scout meeting one of the fellows . . . well, that's another story. Like we say, it's potent stuff. They got an LC<sub>50</sub> with only 2 p.p.m. of the partially purified oil fraction. Even the crude extract LC<sub>50</sub> was 25 p.p.m. We expect if you just chewed up some and spit it out into the lily pond it would make most of the li'l critters curl up. Probably make everyone go inside anyway, so that's one way to control mosquito bites. Read all about it in WHO/VEC 69.174.

LIKE OUR FAVORITE PREACHER, WE TOLD YOU WHAT WE WERE GONNA TELL YOU AND NOW WE'RE GONNA TELL YOU WHAT WE TOLD YOU about the Pacific regional AMCA meeting in HAWAII. The first day, the group toured the island of Oahu, stopping to see places where there ought to have been mosquitoes but weren't because PAT NAKAGAWA and DICK HOLWAY and their staffs were controlling them. After appetizers of fresh, ripe (well, ALMOST ripe . . . it was still WINTER) pineapple in the field, they had lunch at SCHOFIELD BARRACKS with BERNIE SUGERMAN at the Officers' Club. Then on to ice cream at a mosquito-free dairy near Laie.

NEXT DAY AT PAT'S BOARD OF HEALTH BUILDING, RAY JOYCE (WHO ALSO PRESENTED A SCHOL-

ARLY PAPER AT THE BISHOP MUSEUM AS WE'LL NOTE IN A MINUTE) chaired the technical paper session and told the visitors how to do the hula. "You just crop some grass and put a little bunch on each hip, you see, and then rotate your crops." GEORGE KITAGUCHI described the steady progress being made to eradicate *Aedes aegypti* in Hawaii. He also suggested a good name for the countries south of our U.S. border, "Tropical American Region." That avoids calling Mexico, South American, or El Salvador, Gulf.

TED RALEY discussed equine encephalitis control in central California this past year and JIMMIE IKEDA gave us the scoop on susceptibility and resistance of *C. quinquefasciatus* to various larvicides in Hawaii. It was a lively meeting and there was much discussion and everyone barely had time to run home and jump into Aloha shirts and muumuus for the big luau at Pat's new Field Facility of his Bureau of Vector Control. After several bowls of fresh-fruit Hawaiian punch . . . funny one of them had to be refilled so much oftener than the other! . . . but being State property the punch was non-you-know-what, we're sure, though we did see a Ba—di R-m bottle but, no, that couldn't have been it . . . then the imu was opened amid much steam and the kahlua pig all cooked into little tender pieces came out, and the lomilomi salmon and the poi and the haupia (that's a coconut cream) and more pineapple. And TED and VIOLA got big leis on account of . . . it was their *wedding anniversary!* So we all sang the old, traditional Hawaiian Wedding Song that seems to stay lovely no matter how many times you hear it, like Aloha Oe.

WE GAVE THEM SUNDAY TO REST UP AND MONDAY TO FLY OVER TO KAUAI AND SEE THE WAIMEA GRAND CANYON AND THE LITTLE APAPANE BIRDS FLY LIKE RED BLOSSOMS AMONG THE OHIA TREES IN THE KOKEE FOREST and then on Tuesday there was a joint meeting with the Hawaiian Entomological Society. Ray Joyce and Dick Holway presented fascinating papers and slides on malaria in Vietnam and the interception of mosquitoes on aircraft arriving in Hawaii. (We forgot to say that Pat talked about this also on the previous Saturday.) He and Ray have intercepted NINETY-NINE species of exotic mosquitoes and not just exotic but *not seen in Hawaii before!* And the airlines want to knock off the aerosol spraying and dichlorvos introduction system on trans-Pacific planes!!! They'll sing a different tune if they bring in dengue, and malaria and encephalitis and filariasis: "Why didn't you WARN us?" (!)

WE HAD A WONDERFUL NOTE FROM YE OLDE HARRY STAGE BACK AROUND CHRISTMAS TIME. Harry's been raising orchids out (back?) there at Coos Bay, and has been tooting around to orchid shows. San Diego twice and Seattle three

times, to say nothing of giving a talk to the San Francisco Orchid Society. Harry has grandsons in med school at SF and in SD State and we wish one of them would come to U of H so we could see Harry here. We got orchids, too, Harry. OUTSIDE.

WE COULDN'T SAY GOODBYE PROPERLY TO THE VISITORS BECAUSE WE HAD TO RUN OVER TO ALAMEDA (CALIFORNIA) to the USPHS-USDA session on retrograde cargo, held at Ed FUSSELL'S Disease Vector Control Center at the Naval Air Station. But it wasn't a loss in another way, too, for it gave us a chance to go to the Fourth Vertebrate Pest Conference in Sacramento.

This was interesting for several reasons. For instance, we saw EARLE MORTENSEN, JACK WALSH, MARV KRAMER, JIM WHALEN, BOB DOTY, CHARLIE JUDSON and a lot of other California mosquito control types whom we don't see often enough any more.

GEORGE SWEARINGTON WHO IS THE NEW PREXY OF THE NORTH CAROLINA MOSQUITO CONTROL ASSOCIATION sent us the program of their Fifth Annual Meeting at the Blockade Runner Hotel in Wrightsville Beach. It was three days of meaty discussions, sparked by Mo HIRST'S Presidential Address, papers by KEN KNIGHT and HARRY PRATT, a panel discussion on "mosquitocides" such as malathion, dibrom, dursban, diazinon, Flit MLO and pyrethrins, provided by representatives of chemical industries and moderated by Mo. On the last day there were reports from TEN mosquito control districts.

DIRECTLY NORTH AND JUST ONE MONTH EARLIER THE VIRGINIA MOSQUITO CONTROL ASSOCIATION had their twenty-third annual meeting at the King James in Newport News. THEY were addressed by JOHN FLUNO, GEORGE SIMMS, KEN ARMSTRONG, BILL BICKLEY, CHARLES TATEM and ROLLIE DORER among others and heard experts give very timely discussions of coastal wetlands and salt marsh impoundments and on tests of mosquito treatments in relation to wildlife safety.

THE ANTI-DDT HYSTERIA ISN'T ALL BAD, OF COURSE, BECAUSE IT'S ENABLING A LOT OF THINGS WE'VE ALL BEEN PUSHING FOR YEARS, IN ENVIRONMENTAL PROTECTION, TO GET OFF THE GROUND. Out (back) in California, JACK (formerly John) SHANAFELT'S fledgling CAVE, about which we spoke last time, tried out its wings and perched briefly and with the assistance of LARRY LEWALLEN in Fresno for a First Annual Meeting. ROY EASTWOOD is President, there are members in Hawaii (us) and Guam (TOM LAURET) and elsewhere and we do really believe it should promptly begin to expand into NAVE or even WAVE. Anyway, the meeting was devoted to scholarly discussions by DICK PETERS, ERNIE BAY, BILL HAZELTINE and DICK HUSBANDS on ecosys-

tem problems and inter-relationships. Along with the meeting, California Association of Vector Ecology (3827 W. Chapman Ave. Orange, California 92668, and y're welcome) is putting out a "Vector Ecology Newsletter" edited by Jack. The first issue gave rundowns on discussions by HARV MAGY, DON ROHE, BOB SJOGREN, and NEAL GIBSON, on sampling techniques in environmental studies of yellowjackets, *Leptoconops*, filth flies and other vectors of disease or discomfort.

LESSEE, NOW, BACK YONDER WE SHOULD HAVE SAID THAT, ALONG WITH TED RALEY, GARDNER MCFARLAND and PAT NAKAGAWA also gave very comprehensive reviews of their MAD programs during the discussions in Honolulu. Gardner and Pat both bore down heavily on the use of fish of various sorts, source reduction through channelling and control of vegetation. Well, Sir, it seems that, along with mosquitoes, midges and blackflies are coming to be of increased importance in Los Angeles. Gardner says, quite matter-of-factly, "With the increased rainfall in the last few years. . . ." First we knew that *smog causes rain*. We looked it up and it *does!*

SO MUCH FOR LEBISTES, GAMBUSIA, ELAPIA and instant fish. We'll all be hearing more from them in the future. Even Carp and Channel Cat, when we need bottom feeders for chironomid midges. If Simon Peter saith, "I go fishing" in the Revised Standard Version, it's quite likely he means he's going to net some mosquito fish to maintain the ecological balance.

MEANWHILE GEORGE THOMPSON IS FINDING THAT PART OF THE CHANGING ECOSYSTEM IS THE ADDITION OF NEW URBAN AREAS THAT AREN'T ON THE MAPS. He notes, a bit plaintively, that in the winter season when he doesn't have time to mend his equipment, hardly, he also has to

remap the city . . . ahead of the City Engineers. It's the new areas, too, that have the worst problems. (In San Jose, California, they say the city grows so fast that, when there's a fire phoned in, the firemen run outside to look for the smoke in order to find out where THAT street is.)

AND CHET ROBINSON WAS FINDING THAT THE SAN FRANCISCO BAY AREA MUST HAVE SMOG TOO, because the rainfall this winter was more than double the average. They had *seven* inches. (We've been calling that a drought in Honolulu.) Anyway, it doubled his normal winter workload and he thinks they'd better hurry up with that BART (Bay Area Rapid Transit) that the air pollution articles in magazines are so full of these days.

A FINAL WORD FROM TED who claimed to be still languishing under the tropic spell of the Islands but has managed to get out two mighty snappy newsletters. After Denver next year, which he hopes you are thinking about already, and planning for, where do we go? Northeast is mighty active but 1975 would be a year early for the historical celebrations of America's 200th birthday. New Jersey can always offer a bang-up meeting, being the convention center of the World, but would keep things on the thin eastern edge of the continent for two years running. We sort of would like to go to Lake Louise or even just to rose-bedecked Vancouver. Would the real TONY BROWN like to stand up? Comment allez vous? (That's French for does anyone have any comments.)

WE'LL SAY GOODBYE NOW. WE'RE ON GUAM AND HEADED WEST for Okinawa and Taipei and we may not get the last page sent in in time. So *Sayonara* and *Aloha* and Until We Meet Again.

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