

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

WE KNOW YOU'RE ALL FILLED UP WITH NEWS ABOUT THE ANNUAL MEETINGS BUT WE CAN'T TELL YOU ANYTHING ABOUT THEM SO WE'LL tell you about some meetings we do know about that had already happened way back here in February. Like, the ESA meetings in New Orleans, when we saw so many AMCA'ers that sometimes we fell into thinking we were in March and in Atlanta. But it was only December and New Orleans. All the sessions of Section D were chaired by AMCA'ers: HARRY PRATT (then chairman of the Section), Ye Ed. DON COLLINS (who now is Vice-Chairman), and AL BUZICKY (who was then Vice-Chairman). What with two of the sections being concurrent a couple of times and other papers in other sections on low-volume aerial dispersal of insecticides and such, we had a busy time scurrying around. DON MICKS gave an invitational address on the *Aedes aegypti* program and the use of this species as a laboratory animal and presented his usual masterly summation. TONY BROWN was inducted as President-Elect of the ESA to wild applause.

TONY ALSO HOSTED A NO-HOST DINNER OF AMCA'ERS WHO HAPPENED TO COME TOGETHER AT ANTOINE'S (that is, he sat at the head of the table and got presented with the bill . . . we hope it was entirely no-host, Tony!) The famous old restaurant lived up to its reputation for fine food and fine wines and since JIM SMITH, HARRY PRATT, WAYNE MILLER, JAY GRAHAM, BOB HEDEEN, DON COLLINS, and AL (and Mrs.) BUZICKY were present, the conversation matched the food and the evening was a long and pleasant one.

DR. EDWARD KNIPLING GAVE THE FOUNDERS' MEMORIAL AWARD LECTURE and KEN KNIGHT and DICK FAY, MAURICE PROVOST and HERB SCHOOF acting as a unit, gave invitational addresses summarizing 1965 and predicting the future, which ain't easy, boy, and lots and lots more which we hope you were all there to hear and enjoy.

AMONG OTHER LITTLE TIDBITS WE COLLECTED WAS A CLIPPING GIVEN US (UNDER SOME DURESS) BY WAYNE MILLER at the aforementioned dinner. It was page 1, Section B, of the Fort Myers *News-Press* and it shows a big spread Wayne set up for the Florida Conservation Week celebration in late October. Under a banner proclaiming the AMCA and a large, colorful map of mosquito distributions, he had tanks of *Gambusia* and pans of mosquito larvae and microscope sets of demonstrational materials. Also some mighty pretty ladies looking at all this. Some people have it mighty good, Wayne, mi-i-i-ty good.

ART LINDQUIST AND NITA WERE THERE, TOO, and told us they were really going to start on their Retirement Travels and Unadulterated Fishing Trips soon . . . and by gollies, in February they showed up, in San Francisco, headed for Lake County, Oregon and other recreational old-time haunts of theirs. Just to make sure of the fishing, though, they took time out to go after a tuna or two with BILL REEVES.

WHICH LEADS US TO THE CMCA CONFERENCE UNDER THE PRESIDENCY OF BILL RUSCONI and with local arrangements by HOWARD GREENFIELD and a fine committee. What leads us to Monterey (that's where the Conference was) is that Bill Reeves told us there that he'd just returned from a work-packed week or three in Hawaii. No foolin'. Having been on a tropical paradise with Bill we know work is what he did . . . twentythree hours or so a day. The other seven he spent swimming, hula-ing and all that, no doubt.

WHAT WE STARTED OUT TO SAY BEFORE WE SIDETRACKED OURSELVES WAS that he was on the neighbor islands of Kawai and Molokai and all and collected blooded *Aedes vexans* and a number of others with a vacuum sweeper, like the agricultural entomologist types, in the course of some stimulating host preference studies. And that, of course, is a field we need to know LOTS more about.

TOMMY MULHERN GAVE A SHOW OF HIS VERY FINE COLOR SLIDES TAKEN DURING HIS TRIP TO IRAN and including Saudi Arabia and various beautiful points and places en route there and back. If you've seen Tommy's slides, you know how near perfection they all were, despite his constant apologies that the "light wasn't quite right" (it was only that dramatic dawn sidelighting that flees before most of us get our cameras unlimbered). The Fiesta Hour brought out the Spanish Caballero in all of us and the Señorita in the ladies, but despite Viva Villa hats, few of us could approach the elegance of DAVE REED in his authentic Chileno jacket with its real pearl buttons down the sleeves and his stiff brimmed felt caballero hat. *Mucho hombre!*

TWO VERY DRAMATIC PAPERS WERE PRESENTED BY MIR MULLA and by Gene Thorley of the Forest Service. Thorley's paper dealt with, and he showed slides illustrating, the use of infra-red and thermal radiations in photographing from planes to disclose undetectable water sources and even ground where water *had been*. (Watch out *Aedes!*) Mir's paper, even more exciting, was on a group of detergent-like amines which affect eggs, larvae, pupae and emerging adults! In

low, low dosages, too. And phosphate-resistance doesn't help them, thank goodness.

AMONG THE 323 REGISTRANTS WERE NUMEROUS MOSQUITO CONTROLLERS FROM FAR AWAY LIKE GLENN STOKES (who also presented a masterly synopsis of Louisiana mosquito control at the New Orleans ESA meetings). Glenn showed a fine group of pictures of his activities (and we mean ACTIVITIES) in urban and rural and cypress swamp situations and even in subdivisions that had put in streets and curbs and storm drains before the land was levelled, so that they had the mosquito-breeding waters *behind* the catch basins trying to get in. Glenn's men, incidentally, were dressed in neat and highly visible yellow sports shirts, with shoulder patches and they had yellow hard hats with insignia, and all in all it was a mighty up-to-date bit of public relationship.

DON REES REPORTS THAT THERE IS A STEADILY GROWING CLIMATE OF COOPERATION or perhaps we should say that in the climate of cooperation there are steadily growing benefits from their active mosquito suppression and wildlife management committee. While we have all been working toward this cooperation and achieving it in part, Utah typically has gone right ahead and done it. Meanwhile, mosquito control in their expanding urban and metropolitan areas is gaining increased public support, GLENN COLLETTE tells us, adding that the Utah Mosquito Control Association will hold its always stimulating meetings in the latter part of September, or thereabouts, when people aren't so meeting-out as they are in the spring. A good chance to stay over for that fabulous deer season, too; we hear the venison walks slowly past you single file in some of those canyons!

GAINES EDDY TELLS US THAT HE AND L. F. LEWIS AND D. M. CHRISTENSON, keeping up their unrelenting attack on the hideously difficult problem of log ponds, have had some really encouraging results with Dursban and Abate. Like, 0.1 lb. per acre with Dursban for 23 days or with 0.075 lb. per acre for 18 and two weeks with Abate at the same dosage. The ponds are of varying depth, slanting to the middle, from some 4 to 15 feet . . . and covered with logs. Try spraying evenly over a surface while you're dancing on a rippling, rolling pavement sometime and your back-pack keeps trying to slip off backwards! It's fun.

AND WHAT HAS YE OLDE HARRY BEEN DOING THIS PAST YEAR? Ye Olde Harry Stage, that is. Well, for one thing, Uncle Harry attended the 50th reunion of his class at Syracuse University and drove home via Florida and Texas, greeting friends all the way, after having attended the Fifth International Orchid Congress, he didn't say where. London? Paris? Coos Bay? In the early summer he was called into action, as he

has been every summer since he "retired" we think, to help survey mosquito potentials for 2 weeks at a 5000 acre home development with golf course, at Ocean Shores, Washington; besides the golf course, it had an airfield, a lovely beach, salt marsh mosquitoes and winter rain pool *Aedes*. The complete retirement village.

TOM LAURET AND DON GRANT'S SAN MATEO MOSQUITO ABATEMENT BUNCH bid tearful farewells and Tom sailed away into the wide and rolling ocean, specifically to Guam, way, wa-a-a-y out there in the Pacific. It's aloha, Tom, and Welcome Aboard to the Navy's Applied Biology program. We got dirty looks when we shangaiaed him, mates, but he's ours, now, *ours*. (Hot dog!) We don't aim to get *all* the good men . . . just as many as we can snatch, to paraphrase Dick Peters. Well, it works both ways, and Dick is losing MELVIN BOREHAM to the Panama Canal Company and a fascinating problem, while LARRY LEWALLEN is off on a three-month leave to join an international team in Rangoon.

GEORGE STAINS IS NOW WELL RECOVERED FROM HIS RECENT BOUT WITH THE MYSTERIOUS VIRUS (if that's what it was), we are glad to be able to report. Knowing George's vitality and drive, many people have been worried and have asked for bulletins from time to time, feeling, perhaps, as we sort of did, that if this could happen to *George*, the whole structure of the world might be in serious danger of coming apart. Well, he's back on "limited" duty of only about 8 hours a day, and in there pitching. He's also, by the way, the new member of the ESA Board of Governors, representing Section D.

GLADWIN UNRAU NOTED OUR RECENT REFERENCE TO MOSQUITOES IN THE ROCKEFELLER PLAZA FOUNTAIN and says he never heard of it before (it was a *joke*), but he hopes to know all about the Rockefeller Foundation program in St. Lucia, West Indies, soon. That's where he is now, on the Shistosomiasis program, of the Research and Control Department, Ministry of Health, Castries, Sta. Lucia, WI.

WE BET YOU DIDN'T KNOW THAT THE DISEASE-CARRYING MOSQUITO *Aedes aegypti* has returned to El Salvador (no wonder USPHS is anxious to exterminate 'em). We didn't know it either, but we have it on the word of the Medical News Letter of one of the World's Great Scientific Organizations, which shall remain nameless here. Eradicated in 1957, larvae were recently found in old tires in 6 of 14 infested premises.

DR. HASMO SUGYARTO WRITES TO TELL HIS MANY AMERICAN FRIENDS AND COHORTS OF YORE that he has retired from his assignment in West Irian where his UN mosquito hunters were apt to find themselves hunted by *head-hunters*; and to say "*Banjak terima kasih*" to said cohorts, DON JOHNSON, DAVID BONNET, PAUL RICE, ED LOOMIS, ED WASHBURN, and to cohorts ED SMITH,

HARRIS, STONE and many others, whom he would like to know that they are not forgotten, nor the good work they did in helping to quell the malaria scourge which so long had shackled the production of food, of coffee and tea, and palm oil, to say nothing of the infant small industries. He wonders if they still remember the hot Indonesian food and hopes they still remember the warm Indonesian hearts of friends.

GEORGE BURTON, WHO HAS COVERED MOST OF AFRICA AND INDIA AND MUCH OF CENTRAL AMERICA AND WAY POINTS LATELY is now back in the US, sort of. He's assigned to the National Cancer Institute at NIH in Bethesda (Bldg 31, Rm 10A32, Maryland 20014) but will be investigating possible arthropod vectors of Burkett's tumor, in Africa, probably in Nigeria and Ghana. He would like to know, incidentally, if any AMCA'ers have any dope on mosquitoes feeding on frogs, especially human-feeding ones, of course, but also supposedly non-human-biting feeders on Amphibia. He cites the recent paper by M. W. Service on *Uranotaenia mashaonaensis* Theo. feeding on humans in Northern Nigeria. After his 15 years overseas in wildly disease-ridden areas, George had two months leave in Ireland and promptly came down with a fractured elbow and viral pericarditis, but he's all right now, we're glad to hear. He'll fill in his spare time (or maybe do it while plaining to Africa on his new commute) by writing up his remaining work on *Simulium damnosum* in Ghana and putting together some 16mm color movie footage on Onchocerciasis for CDC.

AMONG OTHER INTERESTING ITEMS OF MOSQUITO LORE TOMMY MULHERN BROUGHT BACK FROM IRAN was his account of the "fresh" water that was so saline it left a crust, when it evaporated, that was pure enough to use on the table and that fresh-water-breeding mosquitoes had adapted to. *Anopheles stephensi* is a villain there, as it is elsewhere. And in Saudi Arabia those lovely oases, with their "clear blue pools of limpid water surrounded by graceful palms" are more like swimming pools, are surrounded by considerable towns, have open drains, are lowering the water table and breed mosquitoes. We have no illustrations left.

CDR JOE McWILLIAMS, ACTING AS LIAISON OFFICER FOR MILITARY PROJECTS AT CARROLL SMITH'S Gainesville, Florida USDA Laboratory, sends us word on a project which will eventually bring ease and comfort to mosquito districts everywhere. Under Al Yeomans, who invented the nozzle system which eventuated in the Army's Cold Fogger (and which you may have seen both at AMCA meetings and on Huntley-Brinkley's report on malaria control in Viet Nam), experiments are being conducted on various types of powders on the flowabilities and angles of repose. Their latest list of respirators suitable for protection against pesticides is also hot off the press last December.

OUR PERIPATETIC MOSQUITO CHASERS ARE STILL AT IT and word reaches us from various sources (but chiefly from TED RALEY) that DICK PATTERSON has left Winterhaven and Florida Health for the USDA laboratory at Gainesville to work on mosquitoes with them awhile. WALTER BARRETT has left SAC for PACAF and the Pali Highway of Honolulu. MAJOR FRANK DOWELL, back from the Pacific, is now with MEIS, the Armed Forces Pest Control Board's Information Service we've told you about. WILBUR FRENCH, who was in Germany, is now with Louisiana State University and JOHNNY MULRENNAN, JR. has come back from Naples to get in some advanced degree work with Oklahoma State. ALBERT WEYER gave up the warmth of the Grand Bahamas for Evansville, Indiana (% Dr. James Morlock of 713 S. Rotherwood), and GEORGE KENT, going the other way is now in *Aedes aegypti* eradication in Charlotte Amalie, St. Thomas, Virgin Is. J. R. GORHAM, late(?) of USAID is back in Xenia, Ohio and ED WASHBURN after briefly touching home base was off again with USAID in Ethiopia (APO New York 09319). DICK GILLESPIE made a shorter move, from West Palm to Gainesville, Florida, FRED LESSER went from St. Augustine to Fort Myers, EOB MARRESE from Ft. Lauderdale to Key West and LEWIS COSSABOON, leaving New Jersey cold has landed in Florida too, in Lake Worth. LT. L. C. RUTLEDGE, moving from Walter Reed Research Institute is now with the SEATO Medical Lab and BOB TAYLOR, briefly back from Haiti, is now with *aegypti erad* in Savannah.

OH YES, AND STEVE HU, WHOM SO MANY HAVE HAD TROUBLE KEEPING UP WITH THESE LAST FEW YEARS, is now in the Philippines USAID program, APO San Francisco 96528. (Dr. Stephen M. K. Hu). DON MENGLE has moved from the Fresno lab to the Bakersfield one of the State Department of Health (California) and ALFRED CHIPLEY goes from Jacksonville, Fla., to Montgomery, Alabama. And any one else that moves before our deadline ain't gonna get noticed until June.

BUT WE DO WANT TO WELCOME QUITE A NUMBER OF NEW MEMBERS (AND TO SAY, THOUGH WE WON'T MENTION NAMES, THAT WE'RE GLAD SOME VERY OLD TIMERS HAVE PAID UP AND ARE NOW BACK IN). We welcome Lt. Sheldon White, of Camp Lejeune, and Lt. Kenneth Armstrong, of the Army Medical Center on Okinawa, and Major Wm. Barnes of Walter Reed Institute of Research, and ENS Olmos Marquez of the Navy Disease Vector Control Center at NAS Alameda (California). Welcome also to Achilles Gomes de Azevedo Marques and Nelson Martins Portugal and Jair Rosa Duarte, all of Rio (Brasil, of course). To W. Traub of Dusseldorf in Germany and Donald Libby of Preventive Medicine Unit identifiable as FPO New York 09544 (where's that? Port Liotey, that's where; Kenitra, Morocco. Hi, Don, off there by yourself!)

Welcome Monsieur le Docteur Coraet of the

Institute Pasteur and Mr. Koji Nakazawa of Hiroshima, not to mention Dr. F. Matsumura of the University of Wisconsin, bearer of one of the famous names in Entomology and we have no doubt a worthy successor to it. Welcome Wilfred Johnson of *aegyptirad*, aforementioned a good bit, and Francis Lee of Vancouver, B.C. Welcome, by states, to Ray Singleton, of Punta Gorda, to Frank Wilson, of Eaton Park, and Harry Gouck, of Gainesville, to Charles O. Boone of Jacksonville and Ned Foulds of Fort Myers, all in Florida.

Welcome, in Illinois, to Frank Gordon of South Cook County MAD, to Philip Kashin, of Chicago, and John D. Buffington, of Champaign. In Indiana, welcome to Dr. Vinod P. Sharma, of Notre Dame University, and, gosh, we left out *California* (!), with Charles M. Meyers of Fresno, and Georgia, with Willie B. Thompson, of Augusta. In Minnesota, welcome to David McKown of Maple Plain, and Robert Neary of

South St. Paul, and Melvin Bodine of Bethel. And *Nigeria*: welcome to Lee S. Self of WHO in Yaba Lagos. In New Jersey, now, we welcome Ralph Muoio of Middlesex County MEC (they *exterminate* them in New Jersey, you remember) and to John Morse of Bricktown; Oregon welcomes Darrell Christenson, of Corvallis, and Hugh Springsteen of Portland, while Pennsylvania welcomes Kenneth Shanaman of York. In Port Lavaca, Texas, we welcome Clayton Toalson, and in Virginia, J. L. Womack, Jr., of Newport News, Ryland Warren, of Chesapeake; in Wisconsin, Charlie Morris, of the University in Madison. AND NOT TO FORGET: NAVCOMSTA of Rough and Ready Island, Stockton, California. Pasteur Institute of French Guiana, Post Engineers of Niagara Falls, N.Y., and the Property Account of the 406th Medical General Laboratory in Japan.

AND NOW, DEAR EDITOR AND FRIENDS . . .
ALOHA!

(We're off for Hawaii)

TEXAS MOSQUITO CONTROL ASSOCIATION

ABOUT SEVENTY PERSONS ATTENDED THE ANNUAL MEETING OF THE TEXAS MOSQUITO CONTROL ASSOCIATION AT the Texas State Department of Health in Austin on December 9-10, 1965. Reports on the activities in organized mosquito control districts in Orange, Jefferson, Galveston, Brazoria, Harris and Calhoun counties were given by J. G. FOYLE, J. C. McNEILL IV, R. M. BARNETT, and C. M. TOALSON. In addition to other presentations, the status of the *Aedes aegypti* eradication program in Texas was reviewed by K. C. LAUDERDALE. DR. J. V. IRONS summarized data on arbovirus activity in Texas for the year.

DR. J. S. WISEMAN is President of TMCA for 1966, succeeding Dr. J. D. Long. New officers elected were BILL MOON (President-Elect), JAMES

LAMPSON (First Vice-President), R. M. BARNETT (Second Vice-President) and J. D. DICKENS (Secretary-Treasurer). DR. D. W. MICKS and K. C. LAUDERDALE were elected to the Board of Directors and the following committee chairman appointed: C. A. VIESER, Publicity; R. M. BARNETT, Membership; J. G. FOYLE, Legislative and K. C. LAUDERDALE, Program.

The Orange County Mosquito Control District, J. G. Foyle, Director, will be host to the Spring Meeting of TMCA at Orange, Texas on May 5, 1966. The Annual Meeting of the association will be held December 13-14, 1966, at the State Department of Health auditorium in Austin. The members of TMCA extend a cordial invitation to those interested to attend these functions.—C. A. VIESER.