

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

AL BUZICKY, CHAIRMAN OF SECTION D OF THE ENTOMOLOGICAL SOCIETY OF AMERICA HAS BEEN BUSY WITH ARRANGEMENTS FOR THE PROGRAM FOR THE NEXT MEETING which is to be held the week beginning 28 November in Portland, Oregon. In this, he has been assisted by the other Section D officers, AMCA'ers all, one of whom has written: "Thanks to some fine work by last year's chairman, HARRY PRATT, a plenary symposium entitled 'Entomology Looks at Its Mission' will be presented. Within Section D two symposia, 'Insecticides in Public Health Entomology' and 'Animal Systemic Insecticides,' are being prepared, as well as two Highlights papers and three other invitation papers. All in all, it promises to be a fine meeting—plan now to be there!" To which we add:(!)

LT. COL. BOB ALTMAN AND THE ENTOMOLOGISTS OF THE MILITARY SERVICES IN WASHINGTON, acting through the Armed Forces Pest Control Board, repeated last year's highly successful course entitled "Advanced Training for Military Entomologists" during the last two weeks of August, in Atlanta, Ga. The course was given, last year and this, in conjunction with and using the magnificent facilities of the Communicable Disease Center of the USPHS. We're sorry we couldn't have announced the exact dates well enough in advance for those of you who didn't get them otherwise, but make a mark in your book for *next* August, you Reservists who haven't yet taken this very worthwhile course. You'll gain a lot more than *Points!*

GEORGE THOMPSON AND HIS JEFFERSON (TEXAS) MOSQUITO CONTROL DISTRICT have had "sorrowfully" to announce that their county (and District) no longer contains 987 square miles but instead is now about 1,387 square miles while Texas itself has stretched some 2½ BILLION acres. George says the change was caused by a resurvey and that the old figure was based on the tax roles and probably excluded public and school lands; and though he admits Texas would like to get back up there where she was, and pass Alaska, he doubts if this will quite do it.

GENE GERBERG AND HIS INSECT CONTROL AND RESEARCH INC. of Baltimore (Md.) came in for some mighty nice publicity last May, when the Sunday SUN Magazine ran a three-page spread on Gene's laboratory's operations, complete with *seven* excellent photographs. They must have talked to Gene, too, and taken notes, what's more, because the accompanying article was not only full but factual and should have done much to enlighten the general public, not only about the control of mosquitoes—and *falciparum* malaria—in Viet Nam, which is what the article was primarily about, but also about mosquito control in its whole aspect. So, Congratulations, Gene . . . and thanks!

CHET ROBINSON HAS RECENTLY SHOWN THAT TEXAS ISN'T ALL THAT'S GROWING. Emboldened, perhaps, by George's expansion and by BOB HEDEEN's and GARDNER MACFARLAND's, that we told you about, Chet has recently taken his courage in his hands and accepted the addition of Murray Township to his district, thus bringing it up to 81½ square miles. Watch out George . . . there's a lot more of California ain't been tched yet, and it's filling up with people. (Just before we left we saw a car window sign that said, "California is full—GO HOME!") With the growth, Chet also announced an all time low of service calls, down to 18, following an early-season catch-basin spraying program.

WHILE WE WERE IN JAPAN VISITING HUGH KEEGAN AND VERN TIPTON at the Army's 406 Medical General Laboratory, we learned that TED BLAKESLEE is en route to the 9th MGL in Vietnam *vice* LARRY JOHNSTON, whom we later saw in Okinawa en route to San Francisco and the 6th Army Med. Lab at Ft. Baker. Hugh's going to the Medical Field Service School at Fort Sam Houston in San Antonio (Texas!) and Vern, of course, is replacing him in Japan. Complicated, ain't it? To make it worse, Hugh was leaving just *before* the Pacific Science Congress and its symposia on Filariasis and ARBO-VIRUSES (*there*, we finally said it), which he had done so much to help set up. But he was due back again.

IN CONJUNCTION WITH WHICH, SORT OF, IS A LETTER FROM JIM KITZMILLER who has been jaunting about like crazy lately. His description of his travels and the folks he has seen is good enough, we think, to reproduce entire, so here it is:

"Flew over in September," he writes, "picked up a car in Frankfurt, and after a few days with HANNES LAVEN in Mainz, drove to Italy and Cagliari, Sardinia, where my first six months were based at the Instituto di Genetica, directed by GUIDO FRIZZI. Principal work there was the preparation of chromosome slides and salivary maps of *Anopheles claviger* and *algeriensis* and preliminary work on *marteri*. Spent a great deal of time in the field. During this period also travelled a lot, to Rome, giving talks—also to Geneva for several meetings with Vector Control, WHO.

"On March 1 left the warm sun of Cagliari for Mainz, for the last half of the year. Didn't stay long, for on March 13 HANNES LAVEN and I left for India, Burma, Ceylon and Russia. The possibilities of genetic control of *Culex fatigans* through cytoplasmic incompatibility have been proven in the lab, and WHO is now interested in doing a field experiment—our job was to select a site, out of several which had been proposed.

"Our first stop, on March 15, was Colombo, Ceylon, where we worked with the Anti-Filariasis Campaign, headed by an old friend Dr. ABDUL-CADER. Next stop was Bangalore, India, but to get there we had to travel all over southern India, but we made it.

"After returning from a year at Illinois, B. N. CHOWDAIAH is now on the staff of the Zoology Dept., Central College, and has already started mapping the Indian anophelines. From Bangalore to Madras, then to Rajahmundry on the east coast, about midway between Calcutta and Madras, the site of one of the Filariasis Training Centers of the Indian Government. There we worked with Drs. BASU and KRISHNAMURTHY, of the National Institute of Communicable Diseases, and saw unbelievable concentrations of *fatigans* larvae. Next, to Hyderabad, then Delhi, to check in at the WHO regional office, where we enjoyed talks with Dr. RAMAKRISHNAN, formerly of NICD but now on the WHO staff. Also had a whirlwind Sunday sightseeing tour under the able guidance of Hannes, for whom it was the third visit to Delhi. Then, the noon balloon to Rangoon, to the WHO filariasis research unit there, where PHIL ROSEN was our able and interesting host—also had a chance to talk with LARRY LEWALLEN and BILL MATHIS, who are both there on special duty for WHO. Again, *fatigans* by the bucketfull, but ROSEN, MATHIS, LEWALLEN & Co. are doing a first-rate control job.

"In Rangoon, I left Hannes to the temptations of the orient, and one midnight got on an Aero-floet Turbojet for Moscow, via Karachi and Tash-

kent. Spent 10 days in the Soviet Union for WHO, on a special assignment to attempt to interest workers there in the genetics of vector species. Much impressed with Russia, with the quality of the work going on there, and especially with the people. I had a chance to visit most of the important labs, both in Moscow and Leningrad, where genetic and/or entomological work is being done. It was especially interesting to observe the renewed work in classical genetics now that the lid of Lysenkoism is off—but I never worked as hard, or gave so many talks, or so many demonstrations, in such a short time in my life. After 10 days of this (plus a small amount of vodka) I met Hannes again in Budapest, whence back to Geneva, via Vienna. Since May 1, I've been working here in Mainz, again with *Anopheles*, plus a few attempts at the tough *Culex* chromosomes. By the time you get this (early June) [It was early July!—Ed.] I'll be in Spain, complete with field gear.

"Forseeable points in the future are a trip to Rome to speak at the Istituto Superiore di Sanita and then leaving here on August 18 for Bangkok, to spend three days with BILL MACDONALD, who is on leave from Liverpool to head the Aedes Research Unit for WHO. Then on to Tokyo for the Pacific Science Congress, where I'm scheduled to be on a Symposium with TONY BROWN, and several other AMCA'ers. Then home vis Honolulu and L.A., and regretfully back to work at Urbana."

Where we should guess it will be deadly dull, after all that!

OUR JOKES ARE ALWAYS GOING ASTRAY (maybe a hint we shouldn't try to joke!) Anyway, if you were baffled by our remark in March about "disease-carrying *Aedes aegypti*" returning to San Salvador, it's because our fingers got mixed up on the typewriter—like those of the luckless reporter we meant to be spoofing—only we *reversed* his error. What HE had said was "malaria-carrying"—in which we thought you'd be interested!

TOM LAURET TOLD US ON GUAM that there had been rumors of *aegypti* showing up there again, after a nearly-twenty-year absence, but this was not a finding Tom had made and we've got no confirmation. Tom DID suggest that a factor in *aegypti* not getting established again, in view of the notorious ineffectiveness of the method of aerosol-spraying of airplane cabins the hostesses are made to employ, was that *albopictus* had pre-empted all the breeding sites. Being so much more efficient a breeding-site occupier, maybe that's what we should do to eradicate *aegypti* . . . introduce *albopictus*! A tip to Aegypterad. (Yr welcome.)

ED DAVIS, AS CHAIRMAN OF OUR GOOD NEIGHBOR CLUB, RECEIVES MIGHTY INTERESTING LETTERS NOW AND AGAIN AND HE HAS SENT US ONE FROM Good Neighbor, DR. W. WÜLKER of the Zoologisches Institut der Albert Ludwigs Universität, which is at 78 Freiburg im Breisgau (Fern-

sprecher 44328). Dr. Wülker's letter speaks for itself and contains an idea which we think is implicit in the Good Neighbor Idea but ought to be explicit. Thanks for the letter, Herr Doktor!

DR. WÜLKER WRITES, "It was a pleasure for me to have been elected as a member of your Good Neighbor Club of AMCA. We don't have clubs of this kind in the European scientific associations, and thus I have no direct experiences regarding the benefits and duties of a Good Neighbor Club." (Dr. Wülker is on the GN Committee and Ed had written for suggestions.) "Nevertheless," he continues, "we have so-called corresponding members of the societies, who are giving information about new scientific trends in their country, information about certain special problems and questions, in which they alone are competent and so on. Moreover, if one of the colleagues comes to the country of a foreign member with the aim to visit certain institutes or laboratories, he should get directions about all possibilities from him.

"As an example, during my trip through California in 1964, I got the address of Dr. Kellen in Fresno in the laboratory of Mr. Grodhaus in Berkeley and was successful in meeting him during my (very short) visit in Fresno. But I failed to see the very interesting institute of invertebrate pathology in Berkeley. . . .

"As you probably know, our main interest and scientific work is confined to chironomid midges (which make heavy trouble in establishing mass outbreaks in tropical countries) and their biological enemies, worms of the order Mermithidae. We hope to get knowledge about the relationships between the parasite and the host by means of biochemical, immunological and histological methods.

"I would like to have further good contact with you and other members of AMCA. With best wishes. . . ."

VMCA'S SKEETER FOR APRIL, WHICH WE JUST RECEIVED AT OUR NEW ADDRESS (HEY, SKEETER!) REPORTS ON THE 19TH ANNUAL MEETING, which was held in Nansemond (Virginia) on 23 February. Their meetings are always highly interesting occasions and this must have been no exception, for they were addressed by notables including ROY CHAMBERLAIN, BOB VANNOTE, DON MAC CREARY, JOHN FLUNO, BILL BICKLEY, BRUCE BROCKWAY and BOB BARTNETT. Bill told of studies on *Culiseta melanura* and reported that the CDC miniature traps seemed to collect them better than the large conventional ones, while Roy put the finger on *melanura* for Eastern encephalitis but also fingered (*Aedes sollicitans* and *Psorophora confinnis*! As if they didn't hurt enough as it is!

CHARLES COTTER reported the establishment of the North Carolina Mosquito Control Association, whose first meeting was at Wrightsville Beach on 19 and 20 May.

DR. TONY BROWN WAS "COVER-BOY" ON THE JUNE ISSUE OF PEST CONTROL OPERATORS NEWS out in California and also contributed a distin-

guished article on "Insecticide Resistance in Roaches and Other Domestic Insects," written with Tony's accustomed clarity and breadth of scope. In addition to telling its readers that Tony is immediate past-President of AMCA and President-elect of ESA, the *News* told some things about Tony we didn't know when we wrote our Who's Who item some years ago, such as, after he received his doctorate, he was Royal Society of Canada Fellow at the University of London, he was in charge of the Canadian Forest Insect Survey for five years, he has since become an M.B.E. and an F.R.S.C. and was President of the Entomological Society of Canada in 1961 and 2. As JIM KRITZMILLER said in his letter, above, Tony will also be on a symposium of the Pacific Science Congress in Tokyo, which we hope to be able to tell you about in December.

LES BRUMBAUGH WAS HOST TO THE CMCA DIRECTOR'S ANNUAL SUMMER MEETING at his San Joaquin (California) MAD and according to OSCAR LOPP (who is Prexy) and DON MURRAY (who is Secretary-Treasurer) a big crowd was expected and no doubt came, particularly in view of the fact that August 4th saw a repeat of the annual custom of having a barbeque in BOB PETERS' ranch yard.

BOB HEDEEN'S SOUTH COOK COUNTY (ILLINOIS) ANNUAL REPORT FOR 1965 has some of the best photos of equipment in action we've ever seen and we're tempted to pull an old military custom and appropriate them for a manual. (We'd ask Bob *first, of course!*) He also shows a graph of *Aedes vexans* catches for 1955-64 vs. 1965, which looks mighty good for 1965 . . . except in September. Wha' happen then, Bob?

CLAUDE SOUDER REPORTED DOLEFULLY FROM HIS BROWARD COUNTY (FLORIDA) ANTI-MOSQUITO DISTRICT that 1965 was one of the worst mosquito seasons THEY had ever seen. After a slow, dry start, Hurricane Betsy struck and although she was technically a "dry" typhoon, she had all the water they needed. About the time *that* was cleared up, along came two of the heaviest rains ever recorded, nicely spaced to take things clear through November. To top off, malathion showed signs of playing out a little. Well, one good thing about bad things is that everything *has* to be better after that. He's moved his District from Ft. Lauderdale to Dania 33004, by the way.

WE TOLD YOU THAT MEL BOREHAM HAD LEFT FRESNO (CALIFORNIA) FOR WARMER or at least more humid climes. His new address is P.O. Box 101, Coco Solo, Canal Zone. Did we say that GEORGE BURTON is commuting from Lon Guyland, N.Y.? Actually, he's at 4977 Battery Lane, Bethesda, Maryland, 20014. REESE SAILER is back from his APO to his Beltsville, Maryland 20705 office. And LT. SHELDON WHITE has left Camp Lejeune for Navy Preventive Medicine Unit No. 7, FPO New York 09521, in Naples. R. G. ROBERTSON is back from the U. of Md. Research Unit and is now at 660 W. Redwood St. Baltimore (Md.) 21201.

CAPT. DALE PARRISH, we should have told you

sooner, has gone from Walter Reed and is now with 5th Epidemiological Flight (AFSC) APO San Francisco 96274, which is at Clark AFB in Luzon, the Philippines. *Aegyptera*d has moved DONALD ELIASON from Atlanta to P.O. Box 726, Perrine, Florida 33157, and BURTON EVANS from Austin (Texas) to Atlanta. But Atlanta is still short, because MILTON TINKER has left to be with PAHO/WHO at 21 Slipe Pen Rd., Kingston, Jamaica, W.I.

USAID's DR. C. T. O'CONNOR is back at 313 31st St., South, in Brigantine, N. J., and E. C. NELSON, JR., has gone from Savannah to 2801 Superior St., Columbia, South Carolina 29205. F. J. RUTTEN, who was at PAHP/WHO in Port of Spain is now % Edificio Galerias España, 3er Piso, Plazuela España, Zona 9, Guatemala City. DON LIDBY is back from FPO 09544 to MSTs Hdqts., Lant Code 4M (that's Navy talk for Atlantic etc.) at 58th & 1st sts. in Brooklyn (there's only ONE Brooklyn) 11250. Speaking of Navy talk . . . do you know where WE are? Brace yourself. Code 10A (that's easy) PACDIVNAVFACENG-

COM—Pacific Division, Naval Facilities Engineering Command (!)—FPO San Francisco 96610.

THE ARMY BID SAD FAREWELL, but we hope AMCA won't, to Lt. (Mr.) FRED KUTZ now of 2601 Soldiers Home Rd., West Lafayette, Indiana, 47906 and Lt. (Mr.) MAXCY NOLAN, now of the College of Agriculture of the University of Georgia, Athens 30601. And DAVID AKEY has left the Ent Research Center at Vero Beach for the Department of Entomology of the University of Maryland.

DON PLETSCH has MADE IT BACK TO HIS FIRST LOVE . . . MEXICO . . . and is now to be addressed % Srta. Lucia Rangel, Uruguay 169-3, Mexico 1, Distrito Federal. BERNARD BROOKMAN has joined the Hooper Foundation of the University of California Medical Center, San Francisco 94122 (There's only ONE San Francisco, too!) While WILMER SCHULTE, JR. is now Director Mosquito Control Dept., Courthouse Annex, Chalmette, Louisiana, and Dr. BOB TONN has joined WHO's Aedes Research Unit in the Ministry of Health, Bangkok.

FRANKLIN C. WRAY

1908-1966

Mr. Franklin C. Wray, Technical Director of the Des Plaines Valley Mosquito Abatement District (Cook County, Illinois) unexpectedly passed away on the 16th of July 1966. Mr. Wray had been employed by the Des Plaines Valley District for over 30 years and had been Technical Director of operations for the past 13 years. He served as the first President of The Illinois Mosquito Control Association in 1955 and was called on again in 1964 to head the Illinois Association. He also served as a regional director of the American Mosquito Control Association from Illinois and on various important committees of the national association throughout the years.

He was born in Chicago and took his undergraduate degree at Marietta College in Ohio and later received his masters in geology from the University of Chicago. Under Franklin Wray's leadership the Des Plaines District developed into one of the outstanding mosquito abatement agencies in the U. S., but his interest in vector control was not limited to mosquitoes. He was keenly interested in all arthropods of medical importance and published several papers on bionomics and control. He was an active Mason and had served as Master of Maywood, Illinois, Lodge #869 F.&A.M.

All of us who knew Frank Wray and cherished his friendship will miss his presence from the scene. He is survived by his widow, Mrs. Gertrude Wray, and their son Walter.—Robert A. Hedeem, South Cook County Mosquito Abatement District, Harvey, Illinois.