

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

FOR THE SECOND TIME IN A ROW . . . AND IN ALL OUR YEARS . . . A CONFERENCE MANAGED TO BE HELD JUST BEFORE OUR DEADLINE INSTEAD OF AFTER, so we hasten to lead off with a short account of the annual meeting of the California Mosquito Control Association, held on the 28th of January through the 30th, at the Miramar Hotel in Santa Barbara. Nearly everyone seemed to be going to New Jersey's and AMCA's celebration at Atlantic City so this may be old hat to many of you, but despite "sunny" weather in a 5° F. fog, the meeting was one of the most successful ever. The theme was public information, the art of presenting our legitimate story of accomplishment to an uninformed public ill-equipped to understand our message. University professors, newspaper editors and presidents of large corporations advised us and we then had an outstanding selection of papers on techniques, materials and ecological impacts to demonstrate that mosquito controllers are indeed coming right along in the difficult art of self-explanation. DON WEIDHAAS, who has stepped into BILL MACPHEE's shoes as Mac moved to replace ART ANDQUIST, presented a comprehensive summary of chemosterilants and BILL KELLEN, who is dabbling for RALPH BARR during his jaunt abroad, showed and discussed some remarkable slides on diseases and parasites promising to help us in the control of mosquitoes.

Beside Don Weidhaas, from Washington, D. C., JESS FONTAINE dropped in from AID (recruitment) and C. M. GJULLIN came down from Oregon. Utah, as usual, was faithful in its representation. Besides GLEN COLLETT, T. A. HOENFELD and LEE KAY were on hand and we so had the pleasure of meeting LOUIS NIELSEN's young brother LARRY, who is rejuvenating mosquito control in Magna District.

NOT BY ANY MEANS TO BE OVERLOOKED WAS THE HAWAIIAN LUAU to which everyone wore aloha shirts or muumuus or mandarin coats and such, but no one quite as authentic as BRIAN MITWORTH who showed up in a lavalava and barefoot (of course). This restricted his dancing, but with all the spike heels around, but his pretty wife won the hula contest hands down with so lovely and authentic a hula that the other so lovely ladies withdrew applauding. Unfortunately the orchestra was outclassed but came up with a harem beat which gave her a chance to show her versatility, and she did without batting an eye. *Welakaha!*

BOB HEDEEN SENT US THE PROGRAM FOR THE COURSE IN MOSQUITO CONTROL which HARRY PRATT held at the Des Plaines Valley Mosquito Abatement District, in conjunction with the Illinois Mosquito Control Association and the Illinois De-

partment of Public Health. The instructors included JOHN CLARKE, JR., HARV DOMINICK, BRICE JOHNS, CHARLES SCHEEL, FRANK WRAY and Bob and Harry and it was attended by eighty-two persons. Bob sent along a photograph to prove this number and also to show their new helicopter, which belongs to the District and with which they have been getting such spectacular results.

CARROLL SMITH, WHO WAS CHOSEN PRESIDENT-ELECT OF THE ENTOMOLOGICAL SOCIETY OF AMERICA at Phoenix, sends us a note about a Dr. U Tin Maung Maung, Health Officer, Corporation of Rangoon, Rangoon, Burma, whom Carroll visited last November and who is working on filariasis and its prevalence in relation to the prevalence of *Culex fatigans*. He is interested in obtaining as much information as possible on recent research in filariasis, mosquito biology and control in conjunction with this problem and asked if workers in this country would send him reprints on their work and any other pertinent information they could spare. We know of one AMCA'er at least who ought to be able to help him quite a lot. Dr. U Tin meet Dr. GEORGE BURTON!! George, how about sending him one of your recent reprints? They're packed with more information than *we* can completely absorb and we know that they'll make exciting reading for someone who knows a little about the subject and has it right on his doorstep, as we once did.

STAMP COLLECTORS WILL BE INTERESTED IN A LETTER FROM DR. FRANCISCO DY who writes, "The Philippine Government, like many other governments, issued special malaria eradication stamps on United Nations Day, 24 October. The enclosed first day cover is yours with my best wishes. The Government issued 6, 10 and 70-centavo stamps and as you will note, the Pilipino language is used. I hope you will like it." [And we certainly *do*, Francisco, more than we can say, including the Tagalog.]

"September and October were rather busy months for us," (he continues), "We had the Regional Committee meeting here on 20-25 September, followed by the Fourth Asian Malaria Conference on 27 September-3 October. . . . The report is being prepared and I shall send you a copy in due course. Our friend Roy Fritz attended the conference and as usual he enriched the meeting." (Hi, Roy!)

The press releases on the Conference contain a wealth of material—too much, unfortunately, to condense here—and state that over one hundred malaria experts from 22 countries in Asia and the Pacific, representing 77 percent of the population covered by the world-wide malaria eradication campaign, convened in the Manila conference. The populations these hundred workers

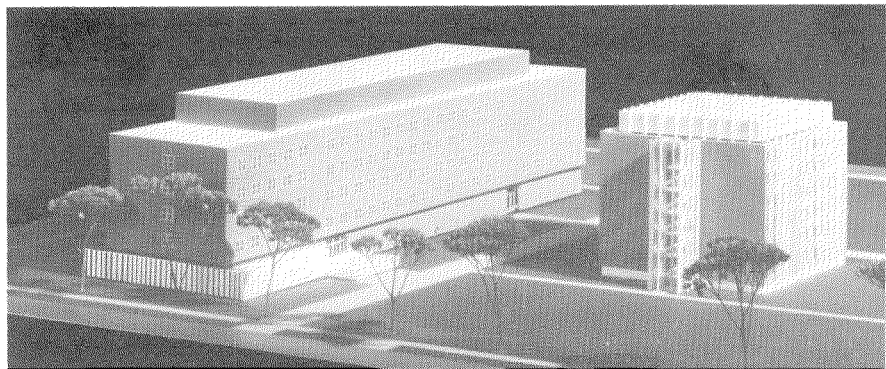
represented are staggering: India, with 424,000,000 at risk and covered, Indonesia, 97,000,000 at risk and 48,000,000 covered, the Ryukyus, Sarawak and Taiwan, with all their populations covered, some 13,000,000, and the Pilipinas themselves, with coverage of over 8,000,000 of the 9,000,000 at malaria risk out of their 30,000,000 population, to name only a few. A stupendous task, all too little publicized in a world preoccupied with crises and international dispute rather than international cooperation.

DR. BILL HORSFALL WRITES, "You will be interested to learn that our new entomological research lab (Morrill Hall) commemorates a collateral antecedent of yours. This laboratory was built for the express purpose of studying arthropods associated with arbo-diseases. I am fortunate in having one floor (4200 sq. ft.) devoted to the study of mosquito ecology. [Such popularity must be deserved, Bill; management doesn't give away space like that for nothing!] As you know, 1962 was the centenary of the Morrill Act creating land-grant colleges and universities and this building is a memento to that great act. . . ." Thanks, Bill for the nice letter. Unfortunately, we are *very* collateral (see Webster, def. 1) but we're putting your remarks between the leaves of our copy of your new *Medical Entomology* where we'll be sure to see it from time to time.

GENE GERBERG (LT. COL., PH.D., PCO, USA, AMCA, ETC. ETC.) HAD A LETTER, while we are speaking of letters, in JIM NELSON'S *Pest Control* for January, which we think all *professional mosquito controllers* ought to read, too. On the worth of *all* professions. Let's not denigrate ourselves, says Gene. Good boy! (And incidentally: H'ray for Jim's *PC Magazine* and its issue on safety in handling insecticides, the only true answer to La Carson's farrago, after all! It should be required reading for all of us.)

DR. KEN KNIGHT, NOW AT IOWA STATE, WRITES ". . . about my retirement. I am enjoying it thoroughly. I teach Medical Entomology, Insect Morphology, have graduate students and do research. It is wonderful to be back around an academic atmosphere." Well done CAP'N.

THE USPHS VECTOR CONTROL NEWS LETTER has become *Vector Control Briefs* and continues its fine coverage of vector control people, many of them AMCA's, and events. Issue No. 8 dated November but received late in January and too late for notice in our December issue, contains not only an inclusive list of the Mosquito Control Association meetings in various states and regions but also a good many notes on personnel changes in these various organizations. Since almost none of this information was sent to US and since you all should be getting the *Briefs* anyway, w



First unit of new Entomology Laboratories Building Morrill Hall on University of Illinois campus at Urbana-Champaign is shown at right in this model with Burrill Hall, (left) life sciences building dedicated last fall. Future units will extend the new building to streets on far side and at right increasing space in it eight times. First 7-story unit will be devoted fully to research and study of arthropod-borne diseases—diseases carried by insects, such as mosquitoes. Later additions to the building will provide for entomology, zoology, and botany departments and Natural History Museum. Estimated cost of first unit is \$1,500,000, of which \$693,015 has been provided by a grant from the U. S. National Institutes of Health. In this first unit the ground floor will be assigned to toxicology; 1st floor to fundamental genetics, 2nd to insecticide resistance, 3rd to insect physiology, 4th to ecology; 5th to mosquito genetics, 6th to virology, and penthouse to mechanical equipment. The building will be fully air conditioned and include special facilities needed for research. Designing architects are Richardson, Seaverns, Scheeler, and Associates, Champaign. Associate architects are Shaw, Metz, and Associates, Chicago.—From Public Information Office, University of Illinois.

refrain from repeating the news here unless we have been asked to do so. But we advise you to get on the mailing list if you do not already get the *Briefs*, because it sho' keeps you up to date, man.

MEL WILLIAMS suffered a heart attack while he was working at his farm at Myakka City and is in the Sarasota (Florida) Hospital for care, according to word we have from WAYNE MILLER. Members of the Florida Anti-Mosquito Association have already been advised that Mel was under oxygen and was not, at the time of Wayne's notice, receiving visitors but members were urged to send Mel a card or some flowers. It was expected that he could go home in about our weeks.

THE NAVY'S MEDICAL NEWS LETTER may not be available to all of you and a recent issue contained some excerpts from other also infrequent journals which we found of interest. For instance, *Science News Letter* was quoted as saying that warming the waters harboring mosquito eggs can turn potential males into incomplete females" which suck no blood and, of course, lay no eggs. We'd sure like to know which mosquitoes! It didn't seem to work that way in *minimus* in the Philippines. On the other hand, we found *minimus* breeding once at a pool 1300 meters near Baguio and had some primary malaria in children who'd never been to the lowlands; but just the same we sort of doubted our evidence. Now the *Tropical Disease Bulletin* reports that in Viet Nam, *Anopheles minimus* is prevalent in mountains and that local foci of malaria were found there likewise. The U.S. Army meanwhile, is credited with a new test for organophosphate poisoning based on voltage drop in an electric current. This ought to eat a needle all hollow. No pun. *The American Journal of Hygiene*, now reports that lizards along the Pacific Coast of Panama (and by implication elsewhere) may play a part in encephalitis dynamics by generating in their blood substances which inhibit haemoagglutination by an EE virus antigen. This could be done in the laboratory, what's more. FRED WHITTEMORE's at an American Sanitary Bureau, reported further that the Belem Virus Laboratory in Brazil, has isolated yellow fever virus from two pools of *Ae. taeniorhynchus* captured at two localities, from nest tree platforms, on the Brazilia-Belem Highway. And for those of you who deplore the expansion of mosquito work to contain all vector insect control there is a heartening little item from the *Tropical Medicine and Hygiene News* that a recent outbreak of hepatitis in a 712-unit housing project in California (Los Angeles) appeared probably traceable to an infestation of cockroaches. Olé!

AL BUZICKY HAS HAD NEW MEMBERSHIP APPLICATION FORMS PRINTED UP AND HAS SENT THEM TO OFFICERS, BOARD MEMBERS AND US LOW-LEVEL

WORKING TYPES and with them he sends a few pertinent remarks which we'd like to pass along. It'll be too late when you read this to take up the challenge before the annual meetings but it's never too late to take up this challenge, really. Al says, "The full impact of the dues increase in relation to 1963 cancellations will not be known for some time. It is safe to assume however that there will be some. . . . There is no substitute for personal contact in obtaining new members. I am asking you to make an especially intensive effort to recruit as many new members as possible during the next six weeks before our annual meeting. Your efforts will parallel and supplement a concurrent drive by the membership committee. An old member retained is as good as a new member gained so continue to point out the advantages of AMCA membership." We think this ought to be QED to any right-thinking mosquito controller for surely there is no comparable membership or magazine value for so low a price. But just the same, members do falter and it is well to keep the bright, hard flame of AMCA loyalty and enthusiasm burning at its brightest. We think Al and his Committee deserve a big vote of thanks.

GEORGE KNOWLTON'S UTAH STATE UNIVERSITY ENTOMOLOGY DEPARTMENT was given a nice write-up, with some good pictures, in Shell's *Scan*. *Scan*, as some people don't seem to know, means to peruse, not to look at rapidly, and that's what *Scan* did. When you read this the Utah M.C.A. will have had its annual meeting there, on 8-9 March. Also pictured in *Scan* with George were DICK BOHART's twin brother George and another Utah Nielson . . . Ross, this time. Don't they ever run out of Nielsen's here, Lee?

GEORGE THOMPSON HAD THE DOUBTFUL PLEASURE OF A PROLONGED DROUGHT followed by tropical storms which gave him a chance to test his program with opposite and equally challenging mosquito productions and he came out with flying colors, we are glad to report, (having heard it from other sources); in July, George had said, rather sternly we thought, in his monthly report, that "when it is desirable for another agency to use our data, we will be happy to furnish details." We can only say, humbly, "We're sorry, George . . . but we're just naturally gossipy." Anyway, George found *solicitans* breeding in cemetery vases about 21 miles inland after a tropical storm, showing how far the salt has apparently been carried.

MEANWHILE OVER IN LOUISIANA THE LMCA PILOT RESEARCH PROJECTS were grappling with the drought problem and water management in an attempt to find out if impoundment would prevent *solicitans* breeding by depriving it of alternate flood conditions. They tied this up with the increasing attention being paid to wildlife management coordination and got some mighty interesting leads.

DON MURRAY MEANWHILE TOOK A GOOD LOOK AT SOME WILDLIFE IN THE FORM OF DUCKS so he snuck out real sneaky like and bagged a few mallards with some tranquilizer grain and clipped their wings and plunked them down into a dairy drain impoundment where scum had been forming and permitting an almost uncontrollable mosquito breeding to occur. Bless goodness if the ducks didn't kick around so much (*happily*, we hasten to add) that they broke up the crust, ate some and kicked the rest down to the bottom and cleared the whole mosquito population right out of there. Now, *that's* wildlife management!

AMONG OUR NEW MEMBERS WE WELCOME ABOARD THREE WITH PARTICULAR FERVOR BECAUSE WE SPENT A COUPLE OF YEARS TRYING TO STIR UP MOSQUITO CONTROL SENTIMENT in what is now their bailiwick, the heart of Florida shade-tobacco-land, Quincy. How's things, BOB DUNAWAY, GRAHAM MCKEOWN and JOE WAHL of the Gadsden County Arthropod Control District? (Other AMCA'ers please take note of that *arthropod*.) Welcome also, and really just as warm a one, to D. B. ALEXANDER of E. Volusia County, Daytona Beach, and MERRILL ELLINOR and LYMAN GAGE of Daytona Beach too, and to Mrs. KAREN MEADOWS of St. Augustine, GEORGE MOODY of Flagler Beach, JAMES COWART, PETER McCAGG and GEORGE PRICE of Ft. Myers, BOB STUART and T. A. NICHOLS of Clearwater, Dr. RICHARD PATTERSON of Winter Haven, ANSEL MESSER of Lynn Haven and BOB GEARY of Vero Beach. Welcome, to the Armed Forces Pest Control Board (*it's about time after all the free advertising we've been giving you, pals*) and welcome back to CHARLES ANDERSON. Welcome to SYDNEY FERREIRA and GLENN FLEMING of PASB-WHO in Paramaribo, Surinam, and to DAVE OLIVER of San Juan, Puerto Rico. In Virginia, we welcome GEORGE LYON at Bayside, HARRY PAUL at Lynnhaven and C. A. NELSON at Norfolk. From South Carolina comes PERRY FANT, JR., and from the Department of Entomology at Walter Reed Army Medical Center in Washington, D. C., we are glad to welcome Capt. MOUFIÉ A. MOUSSA. New Jersey swears in a large new contingent with WILLIAM CLARK of Lincoln Park, WILLIAM WINDISCH of Jersey City, CARL VOGELMAN of Pemberton, JOSEPH LAVENBERG of Delanco and WILLIAM McALLISTER of Palmyra, HENRY ECKEL of Little Ferry, EDWARD FRENZEL and JULIUS KNOEDL of Garfield, and SAMUEL KOVARA of New Milford, and we are also glad to welcome RICHARD POUGH of Pelham, New York. D. MINOR and A. P. MONTGOMERY join us from Harvey, Illinois, and glad we are to have them, and crossing the country we happily gather in EARL DANNER of Norman, Oklahoma and Dr. JOSEPH MARSHALL of Plainview and RONALD WINSLOW of Dallas, Texas, while welcoming EARL STEVENS of Los Angeles, and GERRIT KATS of the University of California at Riverside, plus JACK WARREN of Yakima, Wash.

AT THE SAME TIME WE MUST SADLY SAY *AVE*

ATQUE VALE to BILL BECKEL, "BUSH" BUSH LAND, Capt. ALEX HUBERT, ALAN STONE, JOHN SHARP, and ALAN PIPKIN. Wha' hopenen, pals!

THERE'S STILL A LOT OF SHIFTING ABOUT GOING ON TOO and if it doesn't stop we may have to keep someone in after school. RODNEY DODGE for instance, whom we noted *last* issue as having gone to Missoula, Montana, has now gone to 385 Johnson Hall, Washington State University at Pullman, and DICK GERHARDT, whom we had just got comfortably located in Los Angeles (if anyone can be comfortable there) has traipsed off to the Department of Entomology and Zoology of South Dakota State College, at Brookings. For some reason all this reminds us of a lady professor at the University of Richmond years ago who said severely to a class of freshmen men and women, "Young ladies and gentlemen, if you don't stop this whispering I shall have to switch your seats," and wondered aloud later why the had laughed.

WELL, TO GET BACK TO SERIOUS THINGS, USPHS has transferred CLYDE FEHN from Savannah to Oklahoma City, while ICMRT has moved D. BOB TONN from San Jose, Costa Rica to the Department of Tropical Medicine of Louisiana State University at New Orleans. DICK BAGLEY went from Arlington, California, to 154 Claremont Avenue, Long Beach, a move which might not seem much to some but he had to cross Greater (or Outer) Los Angeles to do it and if you know Los Angeles. . . . Well, BOB PETERSON, LT. jg is leaving these shores for Okinawa and the 3rd Medical Battalion of the 3rd Marine Division and Major (Lt. Col.?) FRANK FAVORITE has left the Army Environmental Health Agency, where he did such good research that he has been snapped up by Capt. DICK HOLWAY and DON DE COURSE to join them at the Armed Forces Pest Control Board (*vide* above) and its developing center for vector control reference.

Meanwhile, MERRILL WOOD shook hands and departed from HOWARD GREENFIELD's green field for USOM, APO 146, San Francisco, which means he out thar in the Pacific summers. And BYRON HARRIS, HMC, has left the Naval Medical Research Institute for some little old sea duty on the USS Thomas J. Gary (DER 326) % FPON New York.

SOMEONE HAS SUGGESTED WE OUGHTN'T TO KEEP IT A SECRET when some of our *good advertisers* and even some potential advertisers, take a subscription to Mosquito News and maybe they're right. We've been sort of sliding over these new subscriptions along with the ones from libraries and institutions of higher learning and research all over the world, not because we're not glad they're with us but because they aren't *people*. Well, for instance, in the lists listed above, you could have noted that some of them represent also subscriptions by such as DURHAM CHEMICAL CO., of Los Angeles, BIG STATE EXTE

MINATING CO. of (where else?) Houston, Texas, CHEMAGRO in Yakima, Wash., S. B. ENICK in Jersey City, PLANT PRODUCTS CORP. of Vero Beach, AMERICAN CYANAMID of Princeton and Fresno, California, OLIVER XTERMINATING SERVICES of San Juan, Puerto Rico, and even, way out in Tokyo, the NIHON NOYAKU CO. (that means Japan Agricultural Chemicals) of Nihonbashi, Chuo-Ku.

WE'VE BEEN LISTING NEW MEMBERS ALL HELTER SKELTER THIS WAY because we wanted to make you all read it clear to the end and not just slip down to *your* state, but some AMCA'ers have been objecting lately that, dammit, let's not have all this *news manipulation*. So how about it? Should we just say, say: State "X,"—(1), (2) and (3) ??? (We strive to please.)

DAVE REED, WHO IS NEW PREXY OF THE CALIFORNIA MCA, was born in Stockton, California recently that he still looks about 25, despite wisdom beyond his years, and was then transported to that pearl of cities, Santiago, Chile, where he attended the Instituto Inglés and then the Liceo de Hombres in Angol. After graduating from Stockton High and Stockton College, Dave took his BA at College of the Pacific and then turned around and got another from the University of California in Berkeley. Dave served the Army from 1945 to '47 at Ft. Benning and Ft. Lewis and subsequently (after the aforementioned collegizing) has been entomologist for e Kings (Calif.) Mosquito Abatement District, entomologist-manager of the Tulare MAD and now entomologist-manager of the Fresno West-tulare MAD. Besides ESA, CMCA and AMCA, Dave is active in Rotary and his local Chamber of Commerce, has done considerable research into ecological and economic aspects of mosquito control (such as his study of a year or two ago on the monetary savings to farmers of good water management) and still finds time to make hobbies in his insect and stamp collections.

DR. BILL HORSFALL says his life has been "mosaic but about right for me" but his many devoted students and conferees would hardly call it prosaic, unless one means the prose of some technical papers and two books on mosquitoes and other arthropod vectors of human diseases. He was born in Mountain Grove, Missouri (it says in *American Men of Science*) along with 10 other eminent Drs. Horsfall, and like them received his BS from Arkansas. Then he branched out for himself and received an MS from Kansas State and his doctorate from Cornell. After teaching in Arkansas and South Dakota he took time out for a military career which took him to New

Guinea as CO of the 17th Malaria Survey Unit, as malariologist on Biak and since then as Lt. Col. in the Reserves. He is now Professor of entomology at the University of Illinois, where he has been since 1947. His hobbies are "hunting and collecting," hunting large ones and collecting small ones. We guess.

HAROLD NEWSON HAS RECEIVED A WELL-EARNED PROMOTION TO LIEUTENANT COLONEL, and simultaneously was transferred into the U. S. Army Medical Research and Development Command, to take BOB TRAUB's place as chief of the Entomology Section. Harold was commissioned in the Infantry during World War II and wound up as Supply Officer for the 98th Division in the Far East Command, General MacArthur's headquarters. On returning to Salt Lake City, he earned his BA and MS degrees from the University of Utah and remained there as an instructor with DON REES until he was recalled to duty during the Korean War. Researching the control of scrub typhus, a major concern in that war, took him to North Borneo and later Malaya, Indochina and Thailand and he wound up this time in Japan at the 406th Medical General Laboratory. Hal now lives with his wife and four children in Silver Spring, Maryland, and proudly lists (even among outsiders) his membership in AMCA along with ESA and the American Society of Tropical Medicine, Phi Kappa Phi, Sigma XI and a few lesser lights. His PhD came from BILL BICKLEY's University of Maryland in 1959 and he has published a number of articles on various disease vectors and their control, four or five of them in *Mosquito News*, as you probably know.

ILLINOIS MOSQUITO CONTROL ASSOCIATION'S NINTH ANNUAL CONFERENCE was held at the Paradise Inn in Champaign as a curtain raiser for the AMCA meetings in Atlantic City and included invitational papers by HERB SCHOOF, Bill Horsfall, Al Buzicky, and Harv Dominick, a panel on *Culex* consisting of JOHN DORN, Franklin Wray and Bob Hedeon, who was Illinois MCA prexy for these meetings. There were a number of interesting papers on environmental relationships in mosquito control and Mr. Jacques Berlin of Purdue discussed the intriguing black light trap in comparison to the conventional "New Jersey" type. Harv Dominick, who sent us the report, added that in view of the hope that AMCA would hold its 1964 meetings with the IMCA in Chicago, they also were inviting out-of-state mosquito controllers to become associate members in IMCA as dollar-a-year men (in reverse, sort of). We wish we could have been there and hope we can next year.