

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

SEEMS AS IF MAYBE WE WERE A MITE TOO CHIPPER ABOUT PREXY GEORGE CARMICHAEL'S RECENT HORS DE COMBAT STATUS but at least NOW we can say that he is really and truly recovered and with a brighter-than-ever future and we're mighty happy to be able to say so. George wanted you all to know how much he appreciated the cards and notes, too, but he didn't say he hoped he could return the favor to *you* someday! He does hope, though, that you will all keep in close touch with your regional directors (They're on the back of *Mosquito News*) and that they will keep in touch with *him*, so that AMCA can continue to grow and to be the fine representative, useful organization it has always been.

WELL ALONG WITH THE GOOD COMES A LITTLE BIT OF BAD AND GLENN STOKES CALLS OUR ATTENTION TO A SURPRISING AND DEPRESSING DEVELOPMENT IN LI'L OLE KENTUCKY. Glenn sends us a clipping from the Madisonville (Kentucky) *Messenger*, headlined "JUDGE RULES MOSQUITO LAW UNCONSTITUTIONAL." Well, we all know the law is what the judges say it is, and in this case the learned judge says the mosquito control law is "contrary to our form of government, arbitrary, in violation of the spirit and letter of our State Constitution. . . ." and some other things. Glenn points out what is plain in the article that the judge's opinion is a clearly subjective and biased one but there's no denying it may be legally sound. It stalls Kentucky, at any rate, just as it was about to fly but we can expect that the mosquitoes themselves will cause the Legislature to amend the law and reinstate what any visitor to Kentucky can vouch is a long-needed program.

PAT NAKAGAWA HAD A WORD FOR THE AIRLINES WHO'VE BEEN TRYING LIKE MAD TO KNOCK DOWN THE IDEA OF SPRAYING PLANES BEFORE THEY LAND: there have been NINETY-FOUR separate species of mosquito intercepted at Honolulu International Airport during *spot* checks! If it seems incredible that a mosquito inspector could find even *one* mosquito nested cosily under the cushions of a jet and then if you consider that it isn't possible to do more than a spot check, you can see how important this evidence is, of the continuing need for even better adulticiding in this day of aircraft coming in from all over the world at the speed of sound. Needless to say, Pat's men are larviciding every little breeding area around the airport with those Baytex granules . . . the areas they can't eliminate completely, that is . . . and you folks with International Airports better begin thinking, if you haven't already, about putting pressure on the airlines to build in automatic

mosquito adulticide systems along with more and more speed and space for more and more jammed in passengers. And, of course, MORE inspectors!

ART MACBAIN WROTE US ABOUT A RESOLUTION THE ILLINOIS M.C.A., OF WHICH HE IS PRESIDENT, HAS SENT TO THEIR GOVERNOR'S COMMITTEE ON PESTICIDES. Art says they decided they'd better stand up and be counted in this DDT thing and the proper use thereof. (Did you see the article in the National Geographic about the disappearing Osprey, which starts off with a pious statement that Science does not jump to conclusions and then says, "If DDT and its derivatives are the villains, they have taken a terrible toll." [Italics ours.] And then goes on for pages about its fatal effect on eggshells and nary a mention of the effect of bulldozers, traffic and the building over of oystershell banks.) Well, to continue, Art says he thinks the resolution, which he sent to each Committee member *did* help defeat some rather emotional bills. The resolution states that "all pesticides are valuable tools when used as directed . . . [and] . . . the Illinois Mosquito Control Association does not endorse the unrealistic banning of specific insecticides . . . [but] . . . favors empowering the Governor's Interagency on Pesticides to establish guidelines for the use of these materials. . . ." We note that they used the word "pesticide" and we have noticed too, lately, that attacks have switched from "DDT" to "pesticides" indiscriminately. So the defense must switch also, by gum. Right?

YOU MAY REMEMBER THAT WE TOLD YOU A LADY BIOLOGIST HAD FOUND FEMALE MOSQUITOS VISITING FLOWERS the way males are supposed to do (and getting so pollinated they couldn't navigate). Well . . . ! now we hear of *male* mosquitoes doing what their spouses have long been noted for. They're drinking BLOOD. There goes our American Society for the Prevention of Calling Biting Mosquitoes "He"! You may now chorus, "Got 'im!"

AND PETE SIMMONS, AN OLD TIME ENTOMOLOGIST THOUGH NOT AN AMCAer, sent us an interesting bit that he'd run across recently that ought to throw a small scare into mosquito abaters. Seems there's this Noctuid *moth* that's got caught sucking blood. Ponds, treeholds, old tires and tin cans, storm drains, all these, yes. But cutworms in lawns we've got to take on *too*?

GEORGE THOMPSON SENT US A NOTE ON A PROBLEM WE'VE HAD AND MAYBE YOU HAVE TOO. Seems he's been using WK-80 to flush out Dibrom from

their equipment, only then the trouble was they couldn't tell when they'd displaced all the Dibrom solution. So they got this dye, see? DuPont's Oil Yellow NB. It's yellow, right? Only when it hits Dibrom it turns *purple!* When it turns yellow again, all the Dibrom's gone (George says). He hopes it will help control the corrosion of metal parts. If it makes it *worse*, George will undoubtedly turn purple. However, it does sound like a good idea. Makes sure one has real-1-1-ly washed out the old equipment.

BRIAN HOCKING WAS IN TOWN A WHILE AGO AND IT WAS ONE OF THE PLEASURES OF OUR HONOLULU ENTOMOLOGICAL SOCIETY TO SEE HIM AFTER TEN (FIFTEEN??) YEARS. He hadn't changed except for a beard, which we supposed was recent and found that it was at least ten years a fixture; shows how little we get around. Brian, who has been on a sabbatical, proceeded from the Moscow congress (*driving* across Russia!) through Japan, the Philippines, Australia, New Zealand and the Pacific and wound up with a few months' collecting on Hawaii, Oahu and around.

DON MURRAY AND TED RALEY GAVE US A PLEASANT SEVERAL MOMENTS, COME FIRST OF JULY, when they sent out the Fiscal Report on the first 2 quarters of calendar 1969. Aside from the *very* pleasant balance in savings, there was this item called "Fidelity Bond" and we seemed to remember that there was one of these what they call Mutual Funds of about that name made the "Honor Roll" List for FY 69, just past. (We've been reading Dow-Jones and all that.) BUT it turned out to be the prosaic old security thing, no relation to investment bonds, just as we had visions of AMCA getting written up in *Fortune* or *Esquire* or someplace, "Millionaire at Twenty-eight . . . How You Can Still Make It on the Street."

DR. MARTIN YOUNG of Gorgas Lab says they *aren't* in Outer Darkness, as we jestingly alleged but are dazzlingly lighted by such noted AMCA luminaries as G. B. FAIRCHILD, PEDRO GALINDO, DAVID BAERG, HOWARD CHRISTENSEN and ARISTIDES HERRER. To say nothing of the reflected glory of nearby Canal Zoners MEL BOREHAM, Lt. Col. BILL PEARSON, Dr. FRED BEAM and Major JIM NEELY. Well we guess! Welcome back to the mailing list, Gorgas Memorial Lab.

AND HEY, THERE! DRs. WAYNE ROWLEY AND CHUCK GRAHAM!! AND YOU, TOO, ROBERT WILLIAMS! What're you doing publishing in those way-out journals like the *Annals of the Ent Soc* and the *Journal of Insect Physiology* instead of good ole *MN*, about that fascinatin' work on *Aedes aegypti*?? Well, we forgive you since we got it in the *R & D Reports*. But for all you out there, they were working on flight performance and they worked out a real humdinger flightmill. Any reprints, Wayne?

NOW WE HOPE THAT THIS SEPTEMBER ISSUE

REACHES YOU BY MID-OCTOBER BUT IT SURELY WILL BY MID-NOVEMBER . . . (won't it?) Anyway, PAUL RICE wants us to tell you and we think you'll want to know, that CDC is giving two fine courses on "MALARIA" and "CONTROL OF MOSQUITO-BORNE DISEASES." The first one is No. 2770-C and will run for two weeks, from 13 to 24 October (this year), which doesn't leave you much time. The second, No. 2310-C, will run for one week, from 17 to 21 November. The "Malaria" course will provide an intensive review of vector biology, control and classification, life history, microscopic diagnosis, epidemiology, chemotherapy and current world-wide status. Dr. Paul directs this one and we can tell you it's good because he gave it to us military-types (problem) once. In course number two, you'll also get epidemiology with particular emphasis on the m-b diseases of interest to the United States. By this, presumably, is meant "occurring in," since we're *interested* in these things all over Southeast Asia, certainly, and Central and South America, and *concerned* (the prospectus' word), too.

MAJOR RON INTERMILL BROKE INTO PRINT WHEN PACIFIC STARS AND STRIPES ran an article on his Okinawa-based search and destroy missions that was picked up and reprinted widely by newspapers throughout the area. One of the things Ron's sleuths are on the lookout for is *aegypti*, which hasn't been seen for some years (over twenty to be exact) and that ought to reflect some credit onto JOE POOLE and APOLINARIO DANDROY of the Army and Marines respectively.

WE DOUBT IF ANYONE THINKS OUR GLAMOROUS HELEN SOLLERS-RIEDEL, BIBLIOGRAPHER AND ASSOCIATE EDITOR EXTRAORDINARY, is a bookish grind . . . not if he ever gets to meetings and has seen the vivacious Helen and her way-out (and *attractive*, Helen!) hats. But there may be some who haven't really come to realize that behind those two fronts there is a real, live entomologist of note. So to prove it, the august Entomological Society of Washington has elected Helen as President for the year 1969, and that's no mean honor! She's only the second woman to be so honored since the Society started in 1884.

JOHN SHIPP WROTE US IN APRIL BUT TOO LATE FOR THE JUNE ISSUE TO TELL US THAT HE'S FINALLY, after many a waypoint, made it home to Fort Worth, Texas. Twenty-two years ago he entered the Commissioned Officer Service of the USPHS and was stationed in Corpus Christi on MCWA's (remember that?) yellow fever project and going on to Egypt, Palestine, twice to Greece, to Burma, Pakistan, Libya, Jamaica, Oklahoma and California. He says they hope to stay in Fort W. until they get the "sampans" of the shipyard all through school.

WHICH REMINDS US THAT YELLOW FEVER MAY (OR MAY NOT) BE GONE FOREVER FROM OUR UNITED STATES but DENGUE is still with us. It was with

Puerto Rico this summer badly enough to be called an "epidemic" and brought everyone around to the realization that PHS's eradication of *Aedes aegypti* might not be of only theoretical value after all. Although only 50 cases had been reported from metropolitan San Juan at the height of the outbreak (probably forbidden by Hilton), there were over two thousand from outer areas. (We do wish we could think of some way to teach folks to pick up their beer cans instead of flinging them. We've got *albicinctus*.)

WELL AFTER YEARS OF BEING THE VILLAIN IN THE MOSQUITO POPULATION PICTURE THE OLD RAIN BARREL HAS COME INTO ITS OWN AS A FRIEND OF MAN. VMCA's SKEETER reports that many Districts using See-Fogs, and finding the coils crusting up with lime, have turned to the trusty rainbarrel as a source of fresh, pure water. Some have installed water-softeners and of course that's good too, but somehow we sort of prefer the poetic justice of using a rain barrel! SKEETER tells us too, by the way, that ROLLIE DORER graced the New Jersey mosquito meetings at Atlantic City on March 20. And reports on two merchant seamen who arrived in United States ports with malaria contracted at previous ports of call. One of them, even though on chloroquin, died almost at once and this raises the interesting speculation that chloroquin-resistant *falciparum* malaria may be popping up elsewhere than SEA, or down in old S.A.

SKEETER HAS SEVERAL FASCINATING ITEMS WE'D LIKE TO HEAR MORE ABOUT . . . like the one on a University of California at Riverside experiment using a sticky seed from a mustard-family weed which glued down and drowned as many as 27 mosquito larvae per seed. SKEETER says there are about 2 million seeds per pound and that'd glue an awful lot of mosquitoes! How come WE hadn't heard about this? All we knew about mustard seed was Faith can be that small and still get you into Heaven.

MO HIRST SENDS US WORD THAT TWO OF OUR NAVY CAPTAIN ENTOMOLOGISTS HAVE RECEIVED A SIGNAL HONOR. Vice Admiral George M. Davis, the U.S. Navy Surgeon General, presented the Joint Service Commendation Medal to JOHN (DON) DeCoursey and JOE G. McWilliams and we're proud to know both of them. We think they have added lustre to the ranks of the men and women who have previously received this considerable commendation! Bravo, both of you!

JACK ROSEBUSH REPORTS THAT CALIFORNIA'S ENCEPHALITIS PREVENTION CAMPAIGN was an all-out push and nobody spared the horses and the effort was successful, thus continuing a long tradition concerning these periodic outbreaks. We'd been a mite worried, frankly, what with the political shenanigans of the past few years in our Golden State and the disruptions these had caused to organized vector control. But DICK PETERS and his BVC and all the trusty cohorts of

the CMCA legions pushed right ahead. Eventually the politicians anted up with some money and all appears to have been well. (Jack didn't tell us quite all THIS, we got some from other sources. Jack DID say, though, that he did get in a close look at the mosquito abatement around the NAS Lemoore (California) and the NAS Fallon (Nevada) and they were MIGHTY good. Bet you didn't know that Nevada had a mosquito abatement district. It does, though. Good one.)

AND SPEAKING OF CALIFORNIA MOSQUITO ABATEMENT DISTRICTS . . . they will be welcoming into their ranks, we hear, one CAPT USN-Ret GEORGE S. STAINS, who was, until August, the Officer in Charge of the U.S. Navy Disease Vector Control Center in Alameda, as no doubt you all know full well. We hate to see George go from where he was but wish him the best of success in Southern California. His successor at Alameda is LCDR ED FUSSELL.

ONE OF LIFE'S MANY PLEASURES AND INTERESTS IS THE CHANCE WE GET TO READ THE FINE ANNUAL REPORTS MANY MOSQUITO ABATEMENT DISTRICTS PUT OUT. If we don't thank you each and all (and every time) it's not because we ain't delighted to receive your favors. GLENN COLLETT's 1968 Report Summary, for instance has a fine picture of his ditching operations with a Gradall making short work of an overgrown canal and leaving a textbook one behind. CHET ROBINSON's tells us that no less than SEVEN Bay Area city newspapers carried favorable stories on his District's activities, beginning with the Oakland (California) *Tribune* and running through the Fremont *News Register*. And don't think these "little" newspapers are LITTLE either in this sprawling metropolitan complex that's engulfed the Bay. Then PAUL HUNT's East Volusia County (Florida) MCD did their thing with color slides and presentations before six civic groups and a television program. On a different task, BOB HEDEEN livened up his South Cook County (Illinois) report with his usual excellent pictures, of techniques this time, and a microphotograph of an *Aedes vexans* larva at the moment of rupturing its eggshell, taken by Dr. BILL HORSFALL. And *that's* a picture!

BEFORE WE START ON WHO'S MOVED WHERE, WE'D LIKE TO SAY A WORD (WITHOUT HIS CONSENT) IN BEHALF OF TED RALEY. Every so often Ted just about gets to the end of his rope on account of two or even THREE notices to good, dear, long-time members, about their dues, haven't brought forth any response. So Ted puts out a list and he says, in effect, "This is it, Pals. If you're on this list or you know anyone who is, tell them, 'cause if they ain't coughed up by next issue, they're OUT." And, sure enough, they're OUT and then, next time around, after they haven't got their *Mosquito News* for a long interval, back they come in. This is EXPENSIVE . . . to us, that is. Changing addressographs. Maybe not to you good people who get dropped. You can read it

in your Institution Library (unless your Institution is riding free on its members' subscriptions), or maybe you're off in the far corners of the earth and no time to read anyway (we read OURS on airplanes, cars stuffed with cotton against the GI rock and roll on the intercom.) ANYHOW . . . what we're leading up to is, for goodness sakes, let Ted know when you move and let him know WHEN you move, not a year later. You know those little yellow cards the Post Office has!

AMONG THOSE WHO DID LET TED KNOW THIS TIME we have Dr. M. VAN VELDHoven who went from Curaçao to Pickering, Ontario, which sounds quite a change, and so does ADRIAN GENTILE's move from Atlanta to the University of Mass. at Waltham. MICHAEL SHINKLE made a shorter hop from Rutgers to Michigan State, at East Lansing. A. C. WHITE, however, changed from Fresno to San Jose, Costa Rica, a good deal Souther (and Easter) and a whole lot humider. In other ins and outs of universities, Capt. ANTHONY BOSWORTH left Oklahoma State for the Medical Field Service School at Ft. Sam Houston, JOHN BUFFINGTON left Ft. Detrick for Illinois State and Dr. ROBERT CHEW went from Athens, Georgia, to U.S.C. in Los Angeles. EDWIN HEIDIG changed from the USPHS lab on Foothill Campus of CSU in Ft. Collins to the CPEHS in Rockville, Maryland, while Dr. HAROLD HINMAN went from Jefferson Medical College in Philadelphia to Warsaw, N. Y.; Lrtjg E. S. KRAFSUR went from NAMRU #3 in Addis Ababa to the NAMRI in Bethesda, and FRED KUTZ departed West Lafayette to take up his abode with Insect Control and Research in Baltimore. Dr. DICK BAKER, has left the University of Maryland in Baltimore for what we guess is their lab in Lahore, % USAID and the Department of State, Major RALPH CARESTIA has changed Ft. Sam for the University of Arizona, Capt. NORMAN HERYFORD has left Weaverville (California) for 3rd Army Med Lab at Ft. Mac in Atlanta, and Dr. JIM WRIGHT, still with USDA, has gone from Kerrville to College Station, Texas. And LARRY LEWALLEN's back in Fresno!

Dr. DAVID McHAFFEY has gone from Washington State to SRI in Birmingham, Ala., and ANTHONY POOLE has left Grand Cayman for Birmingham, England. Lt FRED SANTANA is now at the University of Georgia, JOHN TAYLOR is with the Metropolitan Health Department in Nashville, HARVEY MORLAN is now in Arvada, Colorado, GEORGE HAYES JR., is at DHEW's ECA in Atlanta, Dr. ABDEL SHALABY has left Tripoli for the University of Alexandria, in Egypt, JOHN SEXTON is at the Naval Station, Box 5, FPO New York 09593, and JOHN STIVERS is at USAID/ADPH/PH/M (!) APO San Francisco 96243!

AND THAT AIN'T ALL! More people movin' around this year! EVERYBODY mighty restless! Now, Lt. Col. BILL PATTERSON is back from Vietnam and at Walter Reed and thank goodness LUIE STOVER only moved from Norfolk to Virginia Beach and Major DEAN GARRETT, ap-

parently, just WENT HOME. Anyway, he's now at 105 Mendoza, at Brooks AFB, Texas, so you won't have to write all that Aerospace Med Sq. jazz. Then, BILL BASKIN took off from the Canal Zone to Pueblo, Colorado, and GEORGE KENT left Chamblee (that's Atlanta) for Cincinnati; E. A. CARTER, still with Chevron, moved from Dallas to Orlando, Florida, and JIM KEIRANS has gone to the Rocky Mountain Lab at Hamilton, Montana. And THAT's all we have space for. Happy Landings, all!

STOP PRESS ITEM. We have just received as we gallop past the deadline, a most interesting letter from GENE GERBERG, who doesn't seem to stay in Baltimore long now that he has JIM GENTRY there. Gene says: "Jambo! Greetings from Africa. I am completing a short tour as the Project Leader for the WHO E. Africa *Aedes* Research Unit, in Dar es Salaam. I went on as a WHO Scientist/Consultant for a 2 month hitch—in Jim Wright's Vector Control Section of WHO. I met TONY BROWN in Dar along with Dr. T. R. RAO, from the Poona Virus Research Center.

"I recently went on safari (not big game—merely a trip to collect mosquitoes) and met Dr. Graham White and Dr. John Raybould, both working on mosquitoes and blackflies at Amani . . . at Arusha, I met Jim Hudson, who is working on *Aedes simpsoni*. I got to see a lot of big game on the way to Mto Wa Mbu (which is the name of a village meaning River of Mosquitoes in Swahili).

"Am leaving for Nairobi at the end of the month (July—Ed.) to see Dr. E. C. VanSomeren and examine some *Stegomyia* in her collection and then will return to Geneva for a meeting and then back to our anti-malarial screening project in Baltimore.

"I sent Don Collins the manuscript for Bull. 5—the Manual for Mosquito Rearing Techniques . . . perhaps some publicity may help . . ." How ABOUT THAT?

AND HARRY PRATT writes, "In case you do not have the following info, some of your readers may be interested in the following: The *Aedes aegypti* Eradication Program was terminated June 1969. J. V. SMITH, LOUIS OGDEN, FRED HARMSTON, LES BEADLE and PAUL RICE returned to CDC where most of them had been for many years, while KENT LITTEG, CLYDE FEHN, JOHN KILPATRICK, ROY HAYES, WILL JOHNSON, GEORGE ELDER and B. F. BJORNSON (and HARRY PRATT) remained as part of a new Insect and Rodent Control Branch, of the Environmental Control Administration (ECA to you), in PHS, with mail address of Room 313, 3384 Peachtree St., N.E., Atlanta, Ga. 30326. We continue in the same building where *aegypti* program was headquartered, not at CDC, which is some 5 miles away. HARVEY MORLAN is retiring as of August 1 and going to Denver 'to fish.' DICK GORHAM is now at the Arctic Health Center in Anchorage, Alaska."

And he continues with other news, "BOB HEDEEN wrote me that he has retired as Manager of South Cook County MAD.

"There is an outbreak of dengue in Puerto Rico, reported to us officially on June 27, the day that the *aegypti* program was terminated. Puerto Rico is doing some control and using *aegypti*-produced films in public information pro-

grams, including 'Enemigo en su Casa,' which starts out with a case of dengue!

"Will participate in the Military Entomology Course here with PAUL RICE, HERB SCHOOF, and others, August 11-22. Will we see you there this year?" Alas, Harry. We're retired, too. Militarily, that is. Wish we *could* take that fine course again!

## FLORIDA ANTI-MOSQUITO ASSOCIATION

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