

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

DR. R. PAL WROTE TO POINT OUT THAT IT WAS HE WHO CAME FROM GENEVA TO OUR SACRAMENTO MEETINGS AND NOT DR. C. PANT, AS WE WRONGLY REPORTED and we do apologize both for getting the name wrong and for coming in late and not finding out just WHO was who. Sometimes we make mistakes on purpose to get people to write to us and sometimes we just make mistakes.

WITH THE HEADLINE "GARLICKING THE MOSQUITOES" THE HONOLULU ADVERTISER QUOTED DR. A. BANERJI AND S. V. AMONKARBY AS SAYING IN THE SINGAPORE SCIENTIST that the pungent seasoning has been found to be an effective pesticide in New Delhi. "The scientists said they have been studying the effectiveness of garlic in controlling mosquitoes and found the results 'impressive,'" the Advertiser continued.

"Garlic oil is not only a medical stimulant and antibacterial agent, it is also a useful pesticide," the scientists said.

"Garlic contains two active ingredients that can kill mosquitoes," the article said.

"In tests on mosquito larvae, the Indian scientists found that a concentration of four parts per million of these substances killed 76 per cent of the larvae. A five-parts-per-million dose killed 100 percent of the test population.

"Banerji and Amonkarby stressed that because of its non-toxic nature to 'higher animals,' garlic oil can be used as a pesticide in either its natural or synthetic state."

ANOTHER CLIP (VIA UNITED PRESS) WARNS OF DEADLY CANINE WORMS IN RHODE ISLAND. "Rhode Island's worst infestation of mosquitoes in decades has caused a near-epidemic of deadly canine heartworm that threatens humans and could endanger the state's important tourism economy," the article averred, helping out by publishing it as a filler just before Labor Day weekend. It doesn't say how many cases make a "near" epidemic but if it caused a "near" epidemic of cancellations it ought to be easier to get the tourist industry's attention NEXT year for mosquito control. Avanti, Rhode Island MAD's!

MOVING RIGHT ALONG IN OUR TOUR THROUGH THE FOURTH ESTATE, WE FIND THE MIAMI HERALD IN JULY RUNNING A FEATURE COMMENTARY BY

JEFFREY WEISS, ENTITLED, "O, MIGHTY MOSQUITO: WE QUAKE, SLAP AND CURSE BEFORE THEE." Weiss asks rhetorically, "Why is a mosquito?" and proceeds to answer with a few aphorisms, starting with "A mosquito is for humility. Stuffed shirts are punctured by a mosquito bite. Nobody appears dignified hunting a mosquito. . . . Mosquitoes are the great levellers. All bites itch the same. . . . A mosquito is nature's way of testing your hearing. The whine of a hungry mosquito at 4 a.m. is audible to people who wouldn't be awakened by a volcano erupting under the bed. . . .

"The mosquito is good for business. There is never a recession in mosquito bites. That's good for the manufacturers of screens, lotions, bandages and Carolina vacations. . . . Movies have offered a safe, cool haven to the hot and bothered for two generations. And few things are as bothersome as a mosquito.

"Mosquitoes are for telling what time of year it is. Some people have trouble recognizing the passing seasons—until they hit their first mosquito season.

"Mosquitoes are the answer to slush; a karmic balance to the climate. (Places that have both slush and mosquitoes are not habitable by rational beings.) Mosquitoes teach patience. Waiting for a mosquito to land in the dark can take weeks. Mosquitoes teach perspective. As in: What is really more important at this instant—who is president, or that there's a cloud of mosquitoes in my bedroom? Mosquitoes are a little bit better to have around than, say, scorpions, but not nearly as pleasant as lizards. . . .

"Mosquitoes are the mothers of invention. Imagine how long it would have taken to come up with screens and blessed A/C if people did not have the small yet persistent goad of a mosquito bite to spur them on.

"And that is why a mosquito."

JIM HEIDT SENT US THE ABOVE AND THANKS, JIM! TO CELEBRATE ONE YEAR OF RETIREMENT FROM DADE COUNTY MCD. Jim spent 34 years with the Division, being appointed Director when FRED STUTZ retired. "Celebrate" isn't exactly the word, though, for Jim avers he enjoyed every minute of it, and is actively enjoying retirement, still interested in Our Subject, too.

THE LOUISIANA MOSQUITO CONTROL ASSOCIATION'S NEWSLETTER, EDITED BY ROY HAYES AND ASSISTED BY GEORGE CARMICHAEL, in connection with discussions of the Silver Anniversary meeting held 26-28 October in Metairie, called attention to the LMCA Mosquito Control Workshop to be held early in 1983. Suggestions and offers of assistance should be sent to PAUL SCHEPPF and we're sure both these and requests to attend from out of state will be welcome from any of you auslanders. Roy also announced the formation of a new Program in St. Charles Parish, the only proposition, out of five, approved by a recent balloting in that Parish. The voters of Cameron Parish, meanwhile, overwhelmingly passed a renewal of a tax for mosquito control, which is surely a high vote of confidence in these days of tight money. And LEN TRAGER in Jefferson Parish found himself unexpectedly involved in the aftermath of a tragic 727 crash when he and his men were called on to help in the area clean-up and restoration with disinfection, insecticiding, rodenticiding and similar sanitation activities.

FIENDS OF AL WEST WHO MAY HAVE WONDERED WHAT HE WAS DOING WITH HIMSELF SINCE HIS RETIREMENT IN 1974 will find his remarks in a letter to TOMMY MULHERN of considerable interest even though, alas, Al felt he should remove himself from the MN distribution list. Al says he has shifted an interest in biting Diptera to an interest in other environmental concerns, "and spent 4 years establishing and managing an Environmental Department for Newfoundland and Labrador Hydro. Last year we spent 3 months in Colombia, South America, where I was a volunteer consultant for the Canadian Executive Service Overseas organization. My work with a hydro corporation was again mostly environmental but also involved developing plans for the removal of 7,000,000 cu.m. of jungle wood from reservoir areas. Later this month the Colombian engineer with whom I worked is coming to Canada for a month and I will be his guide and interpreter during travel in Newfoundland and Labrador." Al wrote in May, "I am still blessed with unobtrusively robust health, do some cross-country skiing in the winter—swim, garden in the summer. Six grandchildren within a 250 km circle means frequent and enjoyable influxes. The memories of my associations with AMCA are most pleasant and do not fade. I, of course, will still have *Mosquito News* available at the University." We think

we'd all like to be blessed with "unobtrusively robust" health, to say nothing of SIX grandchildren within a 250 km radius. We certainly have pleasant memories of Al, and the part he played in AMCA meetings, that do not fade. Ave atque vale, Al!

STUART McCAUSLAND WROTE IN AUGUST TO INFORM US THAT HE HAS CHANGED JOBS AND IS NOW A FIELD BIOLOGIST WITH THE CITY OF HAMPTON (VA.) AFTER NINE YEARS AS ENTOMOLOGIST WITH THE VIRGINIA HEALTH DEPARTMENT. He "decided I was tired of giving other people advice and wanted to get in the hot seat myself. So now I am . . . getting blisters on my feet from the new boots, poison ivy from busting the bush, and an increased appreciation for field entomologists." He said that (as of that time) neither the date nor the place for VNCA's January annual meeting had been set.

STU ALSO PULLED A FUNNY ON TOMMY MULHERN, WHICH CAUSED TOMMY TO REPLY AS FOLLOWS: "You must be pulling our leg, I opine??? Wherever in the world did you come up with the \$4 membership application blank, vintage of 1951? We are crediting you with \$4.00 per your check and sending herewith an updated membership form! By the way, *MOSQUITO NEWS* now costs just to print and mail, more than \$25.00 a year! A good measure of inflation since 1951, but *MOSQUITO NEWS* was still a bargain at that time, each issue had about 60 pages!"

DR. CLAY HUFF, WHO WAS RETIRED AS HEAD OF THE PARASITOLOGY DIVISION OF THE NAVAL MEDICAL RESEARCH INSTITUTE at Bethesda, died of cardiac arrest on June 26 at the Bel Pre Health Care Center (Silver Spring, MD), where he had been since 1981. He had been head of the Parasitology Division since 1960 at the time of his retirement in 1969, and was known to many not only for his work there but also for his work on malaria chemotherapy.

PAT NAKAGAWA AND HIS HAWAII STATE MOSQUITO CONTROL PROGRAMERS ARE SO MODEST THAT, AS YOU MAY HAVE GATHERED, WE HAD TO GO THERE TO FIND OUT HOW THEY'RE DOING. They're doing very well. Despite the unseasonable rains that caused so much damage to the wine grapes and marijuana in California, the mosquitoes were so well corralled that the counts were kept well in hand. (When the California TV weather forecasters showed the

satellite maps all summer, they'd say, "If you know anyone in Hawaii, tell them to knock it off!") The big sugar companies have always been pretty willing, if inertial, to do what they ought in stopping mosquito breeding in wash-water ponds and such, and so jumps in Waipio Peninsula were quickly brought down. The not-so-gradual shift from rural to urban situations, particularly on Oahu, have caused the usual changes in breeding sites and the usual problems of city folks who're not used to country. So JIMMY IKEDA, GEORGE KITAGAWA, GEORGE KOMATSU and their hearties have had their hands full. The inflow of people may have slowed a little (it says in the paper) but it shore hasn't come anyplace near a stop. And with budgetary reductions, TOM LAURET and "WOODIE" WOOD, the civilian components of the Navy's mosquito control were kept hopping too. But let us tell you, we LIVED outdoors for seven weeks and we didn't see mosquito ONE! Give those guys a great big lei, HVB!

FRED WHITEMORE SUCCUMBED TO A HEART ATTACK ON AUGUST 27 AT THE HOSPITAL IN FAIRFAX, VIRGINIA, where he lived after moving back to the Washington area in 1973 when he joined EPA, later transferring to AID. Fred was one of the original movers in the establishment of the Armed Forces Pest Control Board, along with DICK HOLWAY, DOYLE REED, GEORGE HUTTON, RALPH BUNN, KEN KNIGHT, RUFUS VINCENT, RAY TREICHLER and a few others and his common sense counseling had its effect on the far-flung research programs of that day, such as the USDA lab at Orlando, later at Gainesville (Florida). Red had served overseas and at the Medical Field Service School at Ft. Sam Houston, Texas, and was widely known both in the military mosquito control circles but also in PAHO and in AID. His passing leaves many holes in the fabric of the world.

OUR EX-PREXY DR. (CAPT.) JOHN "MO" HIRST IS PREPARING FOR THE MEETINGS AT DISNEY WORLD NEXT YEAR AND STEELING HIMSELF FOR THE RIGORS OF THE LONG JOURNEY . . . he lives 20 miles away in Winter Park, Florida. He stays actively interested and attends the FAMA meetings and all and is especially attentive to the news WAYNE MILLER brings him with good regularity, but says he finds it pleasant to sit back now—and "keep my mouth closed at meetings since an open mouth is usually filled by assignments." Not that Mo ever shunned an assignment! And it's a LITTLE hard to visualize him sitting back silently, remembering his al-

most total recall in various anecdotes pertaining to the lives of mosquitoes, mosquito controllers and their on *and off* duty moments! Hazel has recovered nicely from her health problems following surgery and has seven trophies in golf to show for it but is having temporary problems with writing which reduces the output of letters and Mo says he can't step in with any help in that direction. (We never noticed any lack in Mo *there*, either!) Their daughter, son-in-law and two granddaughters live right across the golf course from Hazel and Mo, and that's mighty nice, for son Bob, after ten years in periodontology for the Navy is now in practice in California. Betty's husband, by the bye, is air conditioning engineer with Disney World so we'll not be having any difficulties *there*, will we?

DON JOHNSON IN HIS ACCEPTANCE REMARKS AT THE AMCA AWARDS LUNCHEON IN CALIFORNIA SAID SOMETHING WE SHOULD HAVE NOTED LAST ISSUE because it is up-beat where most of us have been decidedly down-beat lately: the resurgence of malaria in developing and under-developed countries. (We must admit we've done more than our share of this doom-saying looking at the projections for malaria deaths in Africa and India and particularly looking at our beloved Philippines, once on the verge of being declared malaria-free by WHO. AVELINO BANAAG and TOM LAURET know the sad denouement of *that* expectation.) Well, DON said, "The prophets of doom say that the developing nations are facing a calamity, because malaria rates have been rising—but they may not understand that a far different situation exists now than before World War II. Then there were 200–300 million cases annually, with two to three million deaths. Almost every tropical, developing country went down the program development path during the ensuing years. As a result, the nations now have a wealth of valuable operational experience. Former plans for elimination of malaria still exist and now can be improved to meet current conditions. Malariometric maps are retained and only need updating. The vectors, of course, are fairly well-known and their biology is understood. Another important fact is that an administrative framework for conduct of public health programs has been developed where there was *nothing* previously in many countries. Specialists trained earlier often can be utilized again for anti-malaria work—or else, younger generations can be trained in institutions that were nonexistent until a few years ago.

"Finally, there is one more important element that must not be underestimated. People everywhere who have lived in misery because of malaria, and subsequently were included in control or eradication programs, now understand that malaria *can* be controlled. . . . The task will not be easy—but it will be undertaken—and I know that AMCA will continue to support this great work as strongly in the future as in the past. Our help and understanding are essential."

BECAUSE MANY OF OUR BEST CORPORATE MEMBERS ARE INSECTICIDE MANUFACTURERS we hesitate to mention this, but a "distinguished scientist" reported at the meetings of the American Chemical Society recently ("with great satisfaction") that he had finally nailed down the fact that cockroaches do dislike the odor of bayleaves, so strongly recommended as an insecticide by health types, and they ARE discouraged by cucumber peels. HOLD THE GARLIC!!

### MID-ATLANTIC MOSQUITO CONTROL ASSOCIATION

1321 Eisenhower Drive, Savannah, GA 31406

#### Officers

President: R. H. Whitaker (Virginia Beach, VA)  
 Vice President: G. T. Swearingen (Charlotte, NC)  
 Sec.-Treas.: L. J. Street (Savannah, GA)

#### Board of Directors

J. Crews (West Virginia)  
 S. McCausland (Virginia)  
 G. T. Swearingen (North Carolina)  
 H. B. Roach (South Carolina)  
 L. J. Street (Georgia)  
 S. Joseph (Maryland)

#### Sustaining Members

Abbott Laboratories  
 American Cyanamid  
 Blochem Products  
 Chevron Chemical Co.  
 Exterminator's Supply Co., Inc.  
 Ferguson Equipment & Supply Co.

Sandoz, Inc.  
 Southern Mill Creek Products  
 Wm. F. Strickhouser  
 Summit Chemical Co.  
 Superior Chemical Products  
 ULV Equipment & Chemicals, Inc.  
 Zocon Corp.

The 8th Annual Meeting of MAMCA will be held at Asheville, NC on January 26-28, 1983. MAMCA promotes the advancement of comprehensive mosquito control in the region. Regular dues are \$3.00 per year. Contact Secretary-Treasurer.

### THE SOUTH COOK MOSQUITO ABATEMENT DISTRICT

155th Street and Dixie Highway  
 P.O. Box 1030, Harvey, Illinois 60426

#### Board of Trustees

LAWRENCE P. GULOTTA—President  
 GEORGE J. CULLEN—Secretary  
 CYNTHIA L. HUMES—Treasurer  
 CLARENCE BOBBE—Vice President  
 FRED MASSAT—Vice President  
 KHIAN K. LIEM, Ph.D.—Manager-Entomologist

The District has served South Cook County Illinois since 1954.

### TEXAS MOSQUITO CONTROL ASSOCIATION

Spring Workshop—March 24-25, 1983—Nederland, Texas  
 Headquarters: Ridgewood Motor Motel—2520 I-10—Beaumont, Texas  
 (Motel room reservations in Belmont—Workshop in Nederland)

27th Annual Fall Meeting—October 12-14, 1983  
 Headquarters: Ramada Inn—College Station, Texas

Jerry S. Smith, President—Robert M. Shelton, President Elect  
 Chris Vieser, Secy.-Treas.

Proceedings of Meeting Write To Sec.-Treas., 2425 Evalon Avenue, Beaumont, TX 77702