

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

YE ED AND MRS. WARD CRUISED THE AEGEAN LAST SUMMER VISITING RHODES AND MYKONOS AND SENDING A LOVELY POSTCARD OF RHODESIAN BUTTERFLIES (with a large stamp of beautiful design featuring heavenly neo-classical buildings over the slogan "Hellenic Democracy") and they also spent a free day in Jerusalem. There, they visited mosquito workers JOEL MARGALIT and RACHEL GALUN and reported very few mosquitoes to be seen. The sandflies on the Massada got to them, though, and we wonder what those flies might have done to the Roman siege and the course of history.

In our note last time on the Malaria Philatelists International, we neglected to say, because we didn't know, that RON is the *Praxy* of that illustrious group.

IT ALL LOOKED SO EASY PERUSING THE TGV TIME-TABLE IN SAN FRANCISCO AND ENVISIONING THE très-grand-vitessness of whipping down to Geneva from Paris; but the reality as it dawned on us in Paris, while still nice, was a bit different. So to anyone who may have heard we were there and wondered why we didn't phone and *learn* something, we couldn't plan ahead and we DID phone after we got there but no one was in. So our day was a purely touristy one. We went by WHO anyway and also we found that TONY BROWN has an *unlisted* number, according to the phone books and the op at the *Gare*, so we failed there too. *Helas!*

ON THE OTHER HAND, in a small restaurant on the Ile St. Louis in Paris, near our hotel, we found ourselves sitting across from the sister and brother-in-law of KENT LITTIG, and a real pleasure and addition to our trip that was.

WHILE WE WERE UNFRUITFULLY VISITING WHO, DR. NYOMAN KUMARA RAI, CHIEF OF THE MALARIA CONTROL PROGRAMME, DIRECTORATE-GENERAL CDC, JAKARTA, INDONESIA, and a WHO visiting scientist was dropping in on TOMMY MULHERN. Dr. Rai, who studied at the U. of Michigan and is very youthful and enthusiastic, told Tommy that in the 1000 islands of Indonesia, he had 25,000 technicians (wow!) reading over 18 million slides! Operationally, they bought 200,000 compression hand sprayers for their program. (Some District, says Tommy.) Dr. Rai's itinerary included Alameda MAD, the Navy DVCC at Alameda, the San Joaquin, Turlock, Merced, Fresno Westside, Consolidated and Orange Co. MAD's and the University of California Field Research Station of CHUCK SCHAEFFER and TAKASHI MIURA.

STAN CARPENTER IS STILL ENJOYING HIS RETIREMENT IN HIS LOVELY OAKMONT (SANTA ROSA, CALIFORNIA) HOME and his wife, who plays the viola in the local symphony, is equally well adjusted to retirement life, according to Tommy, and both are "healthy, happy and as enthusiastic as ever." That's the kind of news we like to hear!

ANOTHER PLACE THAT LOOKED EASY TO VISIT ON THE TGV SCHEDULE WAS MARSEILLES but we didn't make that either. When we got home, though, we found DR. GIL SINEGRE and his cohorts, MM. VIGO, GAVEN, JULIEN and TARANTO had kindly sent us their Report of Laboratory Activities for 1982 and also the 1982 Annual Report of (Field) Activities of the Entente Interdepartmental pour la demoustication du Littoral Mediterranéen. (We hope all of them are Messieurs; if not, *pardon, Mesdames!*) The laboratory work was primarily on *Culex pipiens* but also included some seminal work on *Aedes caspius* and *Aedes detritus*, looking into susceptibility to fenitrothion, chlorpyrifos, deltamethrin, temephos, and others, in various formulations, some of granules; other studies encompassed IGR's, one specific molt- or pupation-inhibitor (dimilin) and Bti. Touching all bases. On the control side, the Entente suffered the same woes from unseasonable and violent storms and winds that many of us here wished would go elsewhere, both last year and this. It seems that there *wasn't* any elsewhere. *Bonne chance, mes amis.* And thanks for the informative reports.

HERE AT THE LETTERMAN ARMY INSTITUTE OF RESEARCH IN SAN FRANCISCO, studies were going ahead with vigor also. LOUIS RUTLEDGE reports that their blood-feeding apparatus has been successful in luring mosquito response in over 1800 trials to date, on repellents. Our TGV Municipal Railway goes right to his lab and we have no excuse for not having a fuller report on this (although MUNY's accident rate lately has been the world's highest according to snide rumor), but we'll have more next issue. Their tests also include mice and human volunteers and, of course, full checks. We asked if people like us, that mosquitoes don't like much to bite, would throw the results off but Louis opined there was more research needed on that. Would a hungry mosquito choose us or the MACHINE? The Lady or the Tiger.

DON PLETSCH, OF WHOM MORE LATER TOO, WROTE IN JUNE THAT HE HAD HAD THE PLEASURE OF MEETING WITH JERRY BROOKES AND HIS WIFE at ED SMITH's Wedge course. Don also visited Cancún on the Yucatan peninsula, which you will remember was the site of the big Heads of State meetings a while ago and is now a booming tourist area. His two and a half weeks also encompassed Ixtapa/Zihuatanejo, in Guerrero State, north of Acapulco, and San José del Cabo and Loreto/Nopoló in Baja California Sur. He wrote, "The beautiful area of Puerto Escondido, B.C.Sur, between La Paz and Loreto, where the fishing is extraordinary, has been cleaned up and RV facilities for 90 rigs are available, with a restaurant, club house, launching facilities, etc. And no mosquito nor *Culicoides* problems!" Those of you who've been braving the critters for the sake of the phenomenal fishing better lay your next year's plans early. It's gonna get crowded!

OF COURSE, YOU DON'T HAVE TO TRAVEL TO LEARN THINGS. READERS OF THE SAN FRANCISCO CHRONICLE COULD HAVE LEARNED on 25 July about a Powerful New Killer in Mosquito War. . . "BTI" that "scientists who have toiled for years to devise ways to control the mosquito population (believe it) a new weapon capable of wiping out legions within minutes." The hyperthyroid style is aimed at a readership that is highly anti-chemical and "organic" but fortunately the facts are all right, because the writer went to DICK GARCIA of the University of California and to FRED ROBERTS of Alameda County MAD (Calif.) and CHUCK HANSEN of San Mateo County MAD for his info. And he also took note of Fred's quite legitimate and honest concern for getting mosquito control without endangering the red bellied harvest mouse, the California clapper rail and the song sparrow, all endangered species now, and it was good to get that on the record, too.

SINCE OUR LAST ISSUE, MARSHALL LAIRD HAS RETIRED FROM MEMORIAL UNIVERSITY OF NEWFOUNDLAND and is returning home to New Zealand with his wife. We didn't know Marshall had a point of origin but we don't blame him for returning to that beautiful one. His address: Private Box 2419, Chief Post Office, Auckland, New Zealand.

HELEN SOLLERS-RIEDEL took her usual "postman's holiday" and visited several medical entomologists in England during June. These included Doctors MIKE SERVICE at the Liverpool School of Tropical Medicine; M. T. GILLIES in Sussex; B. R. LAURENCE, GRAHAM B. WHITE, and C. F. CURTIS at the London School of Tropical Medicine and Hygiene. She also visited Director DAVID FITZSIMONS, who is responsible for the editing and publication of the famous "Tropical Diseases Bulletin." At the London School, she chatted with JOHN LANE, for whom *Anopheles veruslanei* was named and she "met" Dr. JAMES E. HUDSON over the telephone. (Is our face red!) Helen thinks that she is perhaps the newest member of the *Culex pipiens* Society of Japan. Anyone with a car license of CULEX just must be a member of that Society! After applying for membership, she met the President of the Society, Dr. TAKASHI ISHII, when he visited her work facility in July.

TOO LATE FOR INCLUSION LAST ISSUE, HERB SCHOOF WROTE THAT on April 15 and 16, 1983, former staff members of the Technical Development Laboratories (TDL) of the Centers for Disease Control (CDC) at Savannah, Georgia, held a reunion in that City. These Laboratories, which closed in 1973, were established in 1943 as a research unit of the Malaria Control in War Areas program of the United States Public Health Service. Subsequent to 1964, the scope of operations broadened to encompass the general field of vector control, and staff members frequently were consultants to the World Health Organization and the Agency for International Development in addition to providing technical assistance to state health departments and to mosquito abatement programs in the USA.

About 150 persons attended the reunion, including a number of past or present AMCA members, most of

whom are now retired from CDC. Included were WALTER BAKER, JERRY BROOKS, BOB CROWELL, FRED FERGUSON, ARCHIE HESS, DARRELL MADDOCK, WILLIS MATHIS, HARVEY MORLAN, AL PERRY, KEN QUARTERMAN, HERB SCHOOF, SIB SIMMONS, CLARENCE TARZWELL, and BILL UPHOLT. Persons came from various states including Colorado, Arkansas, New York, California, Alabama, South Carolina, North Carolina, Georgia, Florida, Tennessee, Kentucky, Maryland, New Jersey, Rhode Island and Alabama as well as from Israel and Puerto Rico. The 2-day reunion began with a social hour and dinner at a local restaurant on April 15, followed the next day by a "covered dish" lucheon at the former TDL facilities. These facilities now named the Oatland Island Education Center and are part of the Chatham County School system.

Aside from an informal speech of welcome to the group by DR. SAUL W. SIMMONS, the organizer and first Chief of TDL, most of the time was spent in renewing old friendships and in recalling "incidents" that occurred at TDL. The "esprit de corps" was high and the reunion was a huge success.

COL RALPH CARESTIA HAS LEFT THE DEFENSE PEST MANAGEMENT INFORMATION ANALYSIS CENTER (all breathe), which used to be plain old Military Entomology Information Service, and has gone to Ft. Detrick to be Exec at HQ, US Army Medical Bioengineering Research and Development Laboratory. Ralph received a glowing *ave atque vale* from DPMIAC for his guidance during a period which saw computerization of the storage/retrieval system, initiation of Technical Information Bulletins, development of Disease Vector Ecology Profiles and the coordination of global pesticides resistance inventories. His replacement is CDR FRED SANTANA. And while we're among the military, we're glad to report that COL MOUFIED MOUSSA is happily married (congratulations!) and also happily settled in Gainesville, Fla., at the USDA Lab as Liaison.

WE AND ALL OTHER AUTHORS WILL SOON BE OUT OF BUSINESS IF TWO STALWART AMCAets HAVE THEIR WAY. We had no sooner perused a note from BETTINA ROSAY than we received an even more shocking one from STUART MCAUSLAND. Bettina headed her missive "ESCHEW OBFUSCATION."

"Is it possible," she asks, "to improve the style of scientific journals?" A rhetorical question, unless she means, are we *willing* to do what needs to be done? "For editors, translators and even authors," she goes on, "papers could be presented in outline form to relieve the burden on readers." To say nothing of preventing the proliferation of neologisms.

"I. Introduction: Review of past work (brief)

"II. Materials and Methods

A.

B. What was done.

C.

"III. Results

A.

B. Parallel columns of what happened.

"IV. Discussion—Author's prose; interpretation of results (Brief).

"V. Pertinent Literature cited.

"Is it possible to list the important information as points 1, 2, 3, 4 rather than confuse the work in masses of pseudo-impressive words? A simple outline for publication could clearly report the author's efforts without obscuring the results." Right on, Betina. And think of the page charges you'd save!

STU's letter was *handwritten*, which ought to tell us something, even if we don't agree what. He says (pushing the use of computers for manuscript transmission): "Picture this: (1) RON WARD receives a paper for MN. (2) Using his TRS-80 Mod 16, Ron enters all the pertinent info in this paper into his electronic file (using a data-base program like PROFILE). Such info would include dates, number of words, reviewers sent to, etc. (3) Once a week, Ron would dump (Stu's word, not ours—you realize this is computer-speak) his data files to the Mod 16 at AMCA Central so that this info could be put on the AMCA "Bulletin Board." Then anyone with access to the Bulletin Board could find out who is doing what and where (or at least who is writing about it). (4) The review manuscripts are corrected by the authors and returned to Ron, who has them typed into his computer via a word processing/communications program. (5) Ron then shoots the article over the lines to Fresno, where the clerk-typist corrects the typos and adds typesetting codes with her word processing/typesetting program. (6) When the whole issue of MN is on disk complete with typesetting codes, the information is again transmitted—this time to the printer where his computer-controlled typesetter does the rest—with no human intervention and thus no typos (!-YeEd.) If things don't look right to the printer, he could stop transmission and have Fresno make corrections on the spot." (Unless some smart kid had pulled dirty tricks with access.) Is this the wave of the future?

WE DON'T KNOW IF WE'RE STILL SPEAKING TO STU AFTER THAT BUT EVEN IF HE DOES WANT TO CAGE US IN A PROCESSOR, WE MUST TELL YOU SOME MORE HE HAS GOING. His *Mosquito Bytes*, of which we told you before, is into its second issue and is 12 pages long . . . some quick growth! Yes, it definitely HAS a future. Also, he sent us a delightful excerpt or two from *The Journal of Irreproducible Results*. One of these papers, by a MICHAEL BAR-KEY KEVES (could this be our DR. M. BAR-ZEEV in a light mood?), is entitled, "The Influence of Hydrogen Repellents on the Genetic Determination of Feeding Habits of Mosquitoes on Rabbits," and is, alas, too long and complex to quote. Suffice it to say that the author injected rabbits with a solution of hydrogen, which he claimed to be a major component of most repellents, thus causing them to float to the ceiling. "Since we were not interested in rabbits but in mosquitoes," the rabbits were subsequently firmly tied to the tables. Mosquitoes fed on them and then put into an atmosphere of oxygen in a chamber with a platinum sponge, exploded. Well, you have to read it. Another was titled, "The Rapidity of Female Mosquitoes' Gathering to Mate from a Distance of up to, or, in Some Cases, Beyond, Fifty Miles, as Affected by the Humming of Males at Frequencies of A440 as Opposed to A441." As an Indexer, we really appreciate that one!!

EMBREE MEZGER IS RETIRING AFTER THIRTY-FIVE YEARS WITH THE SOLANO COUNTY CALIF.) MAD and retiring as Past President of the CMVCA as well, and his cohorts and many friends threw a bash at Terry's in Vallejo (Calif.; and that's Val-ay-HO, Easterners!) At this writing we haven't any word on the attendance but it was probably in the thousands, though the thousands would have been smiling through their tears, not cheering. Bon Voyage EM.

PAST PRESIDENT GEORGE HUTTON OF THE AMERICAN REGISTRY OF PROFESSIONAL ENTOMOLOGISTS received the Presidential Service plaque from President Tom Leigh, with President-elect BOB ALTMAN in attendance. George must have enough of those plaques by now to panel the study in that ancestral mansion in Indiana he keeps working on. This happened last spring but because we ran off on our trip and copy had to be in earlier than usual and so . . . (Mea culpa.) BILL WYMER is Editor and Manager of the ARPE News and ARPE respectively, as most of you know. DICK GORHAM, who chairs a committee of continuing education has been setting up courses at ESA meetings and, at the California Chapter of ARPE meetings, an F<sub>1</sub> generation course drew 32 registrants. So it's quite acceptable to be a Professional Entomologist nowadays, any of you who've been putting it off. Come Join the Band!

DR. GEORGE CRAIG, JR., HAS BEEN ELECTED A MEMBER OF THE PRESTIGIOUS NATIONAL ACADEMY OF SCIENCES, the first Professor from Notre Dame and the first member of AMCA (we think) to receive that honor. The "honor" carries a lot of hard work with it. We used to attend committee meetings, strictly as a reporter, naturally, and those boys do their homework. George holds the George and Winnifred Clark Chair in Biology at Notre Dame.

MICHAEL LAVOPIERRE WRITES TO TELL US OF A NEW BROCHURE PUT OUT BY HIS DEPARTMENT OF THE UNIVERSITY OF CALIFORNIA AT DAVIS on the subject of dog heartworms. The name is "Canine Heartworm Disease."

MICHAEL WRITES also that they are preparing three major articles to be entitled, "Landscape Epidemiology of Mosquito-borne Canine Heartworm in Northern California, USA . . . Pts. I, II and III. They'll soon appear in the *Journal of Medical Entomology*. Pt I is already in the slot. The Leaflet, which is No. 21359 and is co-authored by ED LOOMIS and LAUREL WALTERS, is a 6-page fold-out with a very good full-page diagram of transmission and easy-to-read but not baby-talk language. It may be obtained for \$1.00 from the Division of Agricultural Sciences Publications, University of California, Berkeley, CA 94720. Incidentally, to get the full scoop on the University of California and more promptly, write to DR. RUSSELL FONTAINE. Russ is at 322 Briggs Hall, Department of Entomology, U.C. Davis, Calif. 95616.

LOUIS VARGAS SENDS AN INTERESTING COMMENT ON THE RECENT NOTE IN MN ENTITLED, "Do Mosquitoes Feed on Trout?" "Actually the following species of fishes show trypanosomes: *Salmo fario*, *Mugil cephalus*, *Raja* spp., *Cyprinus carpio*, *Clarias bathracus*,

*Myxocephalus octodecemspinosus*, *Xenentodon cahcila* and *Anabas testudineus*. The vectors of trypanosomes can be leeches, as was proved in the case of *Trypanosoma colti*, transmitted by the leech *Calliboddella punctata* into the sea scorpion, *Enophrys bubalis*. Perhaps insects biting young fishes are vectors of trypanosomes. This is only a bold assumption!"

FROM DON JOHNSON COMES A GOOD REPORT ON THE MALARIA STRATEGY WORKSHOP HELD IN JUNE IN MARYLAND, to which he appends a photo by *xeroxing it on the paper on which he hand-wrote his note!* Now there's a fresh idea! (Yes, we know the Xerox Corp doesn't like using xerox as a verb.)

DON WROTE, "The objectives of the meeting are in the attached 'draft' along with listing of participants. DON WEIDHAAS was the very able chairman and AL FARWELL (Consultant to A.I.D.) who formerly was USAID Mission Director in Vietnam—and also elsewhere such as Thailand and Nepal, was rapporteur. GENE GERBERG had the contract to organize and arrange this workshop for A.I.D. It was a great group! Also, we all sent a message to PAUL RUSSELL and his wife, to which she sent a lovely reply." The list of participants is too long to reproduce here but included JAIME AYALDE, LEONARD BRUCE-CHWATT, CARLOS CAMPBELL, NORM GRATZ, JALIL KARAM, JOSE MAJERA, DON PLETSCH, JOHN SCANLON, MERRILL SHUTT, ED SMITH, BOB TONN, HIROSHI TANAKA and KAORU OKABE. Their modest objectives were to review AID's role in the world-wide malaria effort and to revise it to meet state-of-the-art developments as well as state-of-the-world-politics. Next, to study what AID's policy should be on pesticides, their supply and safeguards, what should the strategic plan be in regard to technical assistance, location within or coordinate to health and donor agencies. One question was whether malaria support activities should be turned over to UN, for which we hope the answer was NO. Not to get too involved, if it ain't broke don't fix it and WHO/AID works just fine.

TOMMY MULHERN AND HELEN CELEBRATED THEIR FIFTIETH WEDDING ANNIVERSARY ON 23 SEPTEMBER as guests of their three sons and their families at the

AHWANEE HOTEL in Yosemite. We capitalize that because that's where Queen Elizabeth and Presidents and such stay while enjoying the glories of that glorious place. And in September it's extra glorious for there's fall color and far fewer tourists. For Tommy and Helen, nature cooperated. The weather was perfect, the falls lovely against their powerful rock backgrounds and the troublesome extra rainfall and snows of the past year simply made the fall colors all the more brilliant.

Their oldest son, Tom Jr., had worked summers . . . like many California college students for ages past . . . in Yosemite and fell so in love with nature there that after he took his degree in Journalism, he went on to take a degree in Biology and went into the National Park Service, where he is now in the Western Regional Office in San Francisco. Middle son Johnny, an electronics engineer with Stanford Research Institute, and youngest son, Commander Martin an engineer (civil!) with the Navy, converged with their families and there were four granddaughters, aged 9 to 14.

After a champagne and gourmet dinner, which at the Ahwanee is NOT a tired cliché, and family exchanges of small tokens of love for each other . . . including some cufflinks worn by Tommy's father when he came from Ireland in 1900 . . . they all sang Happy Anniversary to You and were delighted by a standing ovation from the entire dining room, joining in the singing. Next day was sightseeing and, of course (you know Tommy) photography and then back to Fresno for another family party. Happy Anniversary to YOU, Helen and Tommy!!

WE KNOW YOU'RE PLANNING ALREADY ON MEETING WITH AMCA IN TORONTO NEXT MARCH, we'll end with a word from GLENN STOKES who wrote to point out that the August 1983 issue of *Connoisseur* magazine had SIX articles on Toronto, giving an excellent insider's view of the city, listing tourist attractions, restaurants, etc. So don't think if you've seen Montreal, Quebec and Vancouver you've seen Canada. *Connoisseur* says if you ain't seen Toronto, you ain't seen nothin'. In more elegant language, of course! See ya.