

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

WITH THE COLD, RAINY (SNOWY) MISERABLE WEATHER WE'VE BEEN HAVING THIS "SPRING" SACRAMENTO TURNED OUT TO BE A GOOD PLACE TO BE FOR THE 1982 MEETINGS. . . . sunny, breezy, cool but not cold, warm but not blistering . . . and over 625 AMCA'ers turned up with some 60 "Companions" to enjoy it. Also to enjoy were some rousing stimulating symposia, a magnificent dissertation by Dr. BILL REEVES (there's a good redundancy) as Memorial Lecturer, on present-day epidemiology and slews of fine presentations on every facet and factor of vector control. Bill added the name of FRED SOPER to those we honored as the Founding Fathers of effective vector control and the requisite body of knowledge that underlies it: Walter Reed, Carlos Finlay and General Gorgas.

AMCA'ERS CAME FROM ALL OVER THE WORLD TO ATTEND, TOO: among them, from within the United States, RAY JOYCE, WALLY STEFFAN, GEORGE KITAGUCHI and STAN HUSTED from Hawaii (about 3,000 miles). From outside the U.S., but home based, were DON NEWSON and DON PLETSCHE from Libya and Guyana, and JAY GRAHAM from Kenya, India, Bangkok and apparently All Over. S. CORBET came from Dundee, Scotland, J. D. GILLET represented London, together with J. HUI; N. BACKER came from Germany, CHRISTINE DAHL came from Sweden, C. PANT came from Geneva, L. BULLINI from Rome (c. 10,000 miles) and M. COETZEE from Tzaneen (about 18,900!). (B. A. MATANMI was slated to talk about *Toxorhynchites*, from Nigeria, but we didn't see him, having got to talking en route and didn't make it, sorry. A reporter's first duty is to report and GET THE NAMES but we enjoyed ourself too much mixing around, we guess, and didn't see half the folks we wanted to.) We DID see a big contingent from about all over Canada: D. WATLER, who showed a bigger array of electronic scanning gear, for electrophoresis, than we've ever seen outside a modern hospital, S. B. MCIVER, R. A. BRUST, M. R. TRIMBLE, B. V. HELSON, D. M. MCLEAN and R. A. ELLIS.

F. RIVIERE checked in from Tahiti (how can he work there?) and ELIZABETH MARKS from Australia and D. M. LAMBERT of New Zealand came over the most ocean (c. 8,000 miles), Dr. Marks to give us the electrifying news that Alice Springs has now become urbanized and has a mosquito problem. Then there were

from the Caribbean and adjacent South America, MARCO GIGLIOLI of Grand Cayman and R. S. PANDAY from Surinam. You get the idea: Urbe et Orbi. Prexy CLAUDE SCHMIDT and New Prexy DICK AXTELL gave addresses that can only be described as comprehensive and inspiring. *Ave atque Vale.*

GENE GERBERG PRESENTED AMCA'S NEWEST PUBLICATION AND HIS CHILD, "*World Directory of Vector Control Research & Control Specialists*," a truly monumental first effort. But it needs ALL of your names. If you didn't fill out the questionnaire in the *Newsletter*, and a lot of you DIDN'T, you're not in it and if you're a vector control specialist, you *should* be. So dig it out and send it in, member of AMCA or not. And how about becoming a member, if you're not? The membership of your organization is NICE but it doesn't really count enough. As TOMMY MULHERN pointed out, lots of papers come in from non-members who read MN in their libraries, and we're GLAD to have the papers. Good reports on good research enrich us all. . . . but they don't enrich JIM CATON'S Financial Reports. AMCA NEEDS YOU! And, speaking of questionnaires, Tommy also pointed out that AMCA needs your input, feedback and plain old participation. So send them in! (He told of a 93-yr.-old man who was honored by his Lodge for NEVER missing a meeting in all those years. But he'd also *never* been on a committee, run for an office or even SPOKEN UP!)

GIL CHALLET, BY THE BY, IS CHAIR OF THE ESA COMMITTEE ON PUBLIC EDUCATION, HANDLING THE PRESENTATION OF ENTOMOLOGY TO THE MEDIA AND TO THE PUBLIC at the joint ESA, ESC and Entomological Society of Ontario Meeting in Toronto, beginning 29 November. They hope to have an Entomology Exhibition in the Toronto Science Center and need some offerings in the way of films, lectures and "hands-on" exhibits. Suggestions, anyone? Volunteers? Address Gil at his Orange County Vector Control District, P. O. Box 87, Santa Ana, California 92702.

HARRY PRATT SENT US A NICE NOTE SIGNED BY EIGHT MEMBERS OF THE RETIRED USPHS ENTOMOLOGISTS CLUB, WHO VISITED WITH DR. GEORGE BRADLEY and his wife NANCY and then had lunch at Berry College, where one of

them, JOHN MCDOWELL teaches. The others were: CARL MOHR, KENT LITTIG, JOHN HUGHES, PAUL RICE, DON JOHNSON and NEWELL GOOD and they had a fine time reminiscing about the "good old days" and malaria control in the U.S. (a threat now almost forgotten) during the WWII days. Col. BRADLEY is, we're glad to say, in good health and will be 89 in July.

ED SMITH'S NEW JOB AS HEAD OF THE INTERNATIONAL CENTER FOR PUBLIC HEALTH RESEARCH of the University of South Carolina is located in a one-time colonial mansion of a plantation in the rich rice-producing area near Charleston. They give courses in every known vector control and epidemiological specialty and you may one day see it, for Ed tendered an invitation from Charleston to hold our 1987 meeting there.

WAYNE MILLER PUT ON A ROUSING PITCH FOR THE MEETINGS NEXT YEAR (as if Florida needed advertising) which they've put forward to the week from 27 February to 3 March for the nice, cool-warm weather. He'll be sending information for people who want to stay in Orlando or Kissimmee (Kiss-*IM*-me) but the Disney World hotel sounds mighty elegant and intriguing, as well as the nearby World of the Future City, whose real name sounds like Governmentese, so we won't say it.

IN ADDITION TO URGING ALL OF YOU TO JOIN AMCA AND TO PAY YOUR DUES PROMPTLY. . . it costs TEN bucks to take your name off the list in March and TEN more to put it back on when you pay in July, so pay up in DECEMBER . . . OK?. . . Tommy also said he has a number of copies of the *National Geographic* with LEW NIELSEN'S magnificent article in it, which you may have for a wee donation for postage.

AND NOW WE COME, BETTER LATE THAN NEVER, TO A BRIEF WORD ABOUT OUR IMMEDIATE EX-PREXY, CLAUDE SCHMIDT. A GOOD MANY YEARS AGO WE RAN WHO'S WHO ITEMS ROUTINELY, BUT MISSED CLAUDE (HE HADN'T BEEN BORN YET) AND SHOULD HAVE DONE THIS LAST YEAR AT THIS TIME. Dr. Schmidt was born in Geneva, Switzerland prior to WHO, actually, and came to live in San Francisco in 1935. He was in the Signal Corps during WWII for obvious linguistic proficiencies, returning to Stanford for his BA and MA degrees before being recalled into the Army and stationed at Fitzsimmons GH in Denver. In 1953, he went back to school at Iowa State and got his PhD in

1956. Thereupon, he joined ARS and went to the Orlando lab to work on repellents. From 1962 to 1964, he was in Vienna, Austria as chief entomologist of the Department of Research and Isotopes for the International Atomic Energy Commission.

He returned to ARS in Fargo, N. D., and then was brought to Beltsville as Chief of Insects Affecting Man and Animals. Upon the demise of entomology as an entity of USDA, he became Director for the Dakotas-Alaska Area, North Central Region, located at Fargo. He's served on important Government and international committees too numerous to mention and is a Fellow of the Washington Academy of Sciences and the AAAS as well as a member of the Society of the Sigma Xi and of Gamma Sigma Delta.

OUR NEW PREXY DICK AXTELL WAS A PRINCIPAL LECTURER AT THE INTERREGIONAL SEMINAR ON INTEGRATED CONTROL OF MOSQUITO VECTORS, WHICH WHO HELD THE FIRST TWO WEEKS OF NOVEMBER LAST YEAR IN ADANA, TURKEY. He addressed the problems of malaria control and the principles of IPM needed in meeting them. Most of you saw this in the *ESA Newsletter*, no doubt. The seminar included discussions also of other major mosquito-borne diseases, of chemical and biological control and of environmental management. In addition to Dr. Axtell, TOMMY MULHERN and CHARLES SCHAEFER participated in spreading enlightenment (via WHO's VBC/81.7).

AMCA OCCUPIED A GOOD BIT OF THE PAGE IN THE NEWSLETTER in February, for in addition to the abovementioned item, there was a paragraph on BRUCE EZELL'S elevation to the Presidency of Erskine College (mentioned here before), with a picture. And, without pictures, mention of GEORGE GEORGHIOU'S honours in Thessaloniki, which we told you about, and of DAVID AKEY'S being named Editor for 1982 of the USDA-ARS Insect Rearing Group's newsletter. For info on this last, or if you wish to receive the semi-annual publication, write to Dave at PO Box 25327, Denver Federal Center, Denver, Colorado 80225.

ON THE LETTERHEAD OF AMCA THIS YEAR WE ARE LISTED AS NESS AND NOTES. (We wonder if they meant: MESS?)

JOHN SCANLON AND RALPH BARR TOOK UP MOST OF ONE PAGE, TOO, IN FEBRUARY in *Tropical Medicine and Hygiene News*, both for un-

happy reasons. John, as Secretary-Treasurer of the Society, was reporting losses due to discounts on foreign checks charged by U.S. banks. He wants checks in DOLLARS please on U.S. banks or International postal money orders.

Ralph's problem was more painful. He came down with an attack of what he diagnosed as dengue as he was leaving San Juan, Puerto Rico, after the ASTMH meeting, the fever and pain striking a number of other people in the airport at the same time. A rash later pretty well confirmed Ralph's suspicions but despite his long mosquito experience, he had not noted mosquitoes (he thought he'd felt a probe once in the late afternoon). Can our little black and silver mugger be growing stealthier?

DON DENNING, ONE OF OUR TIRELESS ITEM SUPPLIERS, REPORTS THAT DR. W. B. OWEN RETIRED from the University of Wyoming, is now living in Ft. Collins, Colorado and is associated with the Department of Zoology and Entomology at Colorado State. Inasmuch as retirement by AMCA'ers seems invariably to be followed by a great burst of activity, we assume that Bill's two landmark papers on the thoracic skeletal and muscular structures of *Culiseta inornata* will be followed by further monographs.

DON ALSO SENT WORD OF THE PASSING OF JOE SCHUH, who was mainly an aquatic coleopterist, but was also instrumental in the formation of the MAD in Klamath Falls, Oregon, where he lived.

AND DON SENT US A JOYFUL REQUIEM FOR FAMED DR. C. P. ALEXANDER OF MASSACHUSETTS UNIVERSITY, SENT TO DON BY HARRY PRATT. C. P., whom many knew and loved, knew EVERY cranefly in the world and had named most of them. (We once sent him one from an inaccessible part of the Bontoc region of Luzon in the Philippines and he said, graciously as always, thanks so much, old friend, I needed another specimen badly, for the one I collected in 1911 had got frayed.

BECAUSE SO MANY STUDIED UNDER OR KNEW C. P. ALEXANDER, WE'D LIKE TO REPRINT A PORTION OF AN EDITORIAL FROM THE AMHERST (Mass.) PAPER THAT HARRY SENT DON. It's signed by Frances Chastain and appeared on 26 Sept. 1979 in the Amherst Record:

"Two years ago a small, elderly woman came to my desk, asking to place a small announcement in the paper about her diamond (60th) wedding anniversary. As I spoke with her

about her long marriage and tried to learn a few facts about her own part in it, I was disturbed to notice that all her information was about her husband—his career, his accomplishments. . . .

"As a woman of my time, I had often thought of the wasted energy and intelligence of women of earlier times, and I thought that this woman was a good example of this. How wrong I was.

"Partly because Charles and Mabel Alexander were very well known in town, because they had lived history of the university, and because 60 successful years of marriage are becoming more and more newsworthy as the divorce rate climbs, I wanted to write an article about them, and went to interview Mr. and Mrs. Alexander in their home.

"What I learned there was something about insects, research and scholarship, and a lot about companionship, love, humor, and a career that took two people to accomplish. . . .

"She wasn't just a helper to him. Through their years of field research and publishing, she had come to know as much about insects, especially Crane flies, as he. . . . as an example of loving partnership, a relationship that grew, expanded and nourished two people for a long, long time, it will always be remembered by those who knew them."

OUR LINDA SHIELDS RAICHE IS ONE OF AMERICA'S OUTSTANDING YOUNG WOMEN OF THE YEAR 1981. We know that, you say, and what do we mean for 1981? For any year. Of course. But she got named that by an award COMMITTEE a few months ago and has been published as such in the awards list. . . a sort of Who's Who. Congratulations, Linda!

CONTINUING ONWARD AND UPWARD IN WHO IS DR. JACQUES HAMON, who has received an appointment as Assistant Director General, responsible for the WHO Health and Biomedical Information Program and the Divisions of Health Statistics and Public Information. And in November NORM GRATZ was appointed Director of the WHO Division of Vector Biology and Control. Sorry to be so late announcing this, JACQUES and NORM. We receive our info by Xerox from friends.

JIM KITZMILLER has been busy reading the final proofs of his forthcoming "Anopheline Names: Their Derivations and Histories," which should, in fact, be forthcoming about now. This is to be published by ESA as a publication of the Thomas Say Foundation, and is

rather different from Jim's usual line. In the words of Professor BRUCE-CHWATT, "It forms part of the history (one is tempted to say 'histoire romancée' of entomology and tropical medicine." We like a little romance, ourselves.

ALSO EDUCATIONAL AND AT THE SAME TIME ENTERTAINING. . . . THOUGH NO ROMANCE. . . . is a new filmstrip on onchocerciasis. It explains how the black fly's bite can eventually lead to blindness and suggests ways people can protect themselves from the disease. It was photographed in West Africa, contains fifty, full-color, frames, with a script in English and in French. The cost is \$9.00 and the supplier World Neighbors, 5116 N. Portland Ave. Oklahoma City, Oklahoma 73112. (Adv.)

AND AFTER A LAPSE OF EIGHTEEN YEARS, THE RESPECTED *INDIAN JOURNAL OF MALARIOLOGY* IS RESUMING PUBLICATION under the editorship of our own Dr. V. P. SHARMA, who states, "The scope of this Journal is broad based, to cover fundamental, applied and field research on all aspects of malariology. The Journal will also publish letters to the editor inviting frank scientific opinion on the papers published . . ." The Journal will be published twice yearly and annual subscriptions (\$10.00) may be entered by writing to The Editor, *Indian Journal of Malariology*, Malaria Research Center, 22 Sham Nath Marg, Delhi 110 054, India.

THOSE OF US WHO WERE ASSOCIATED EVEN AT ONE REMOVE WITH THE ORLANDO LAB DURING WW II HAVE BEEN saddened to learn via *Pest Control* of the death of LYLE GOODHUE, who, together with BILL SULLIVAN, invented the aerosol bomb, that Frankenstein we all love and hate. In WWII we not only loved it, we were overcome with amazement at it and while it cooled many a beer in the South Pacific, it saved many and many a life. Bill went on to publish over a hundred scientific articles and to receive over 125 patents and he saved lives again when birds began causing jet plane crashes.

DICK DARSIE HAS RETURNED FROM GUATEMALA, AND JUST IN TIME TOO, THOUGH MAYBE HE LIKES THE EXCITEMENT DOWN THERE. He's now with the Division of Parasitic Diseases ("Chamblee 23" . . . is that a building number at the CDC Chamblee center?). Center for Infectious Diseases, CDC, Atlanta, GA 30333.

ROY FRITZ SENT US A NICE LONG LETTER IN

JANUARY, WHICH WE SHOULD HAVE ANSWERED SOONER, BECAUSE HE NEEDS HELP WITH HIS THRIVING AND EXCEEDINGLY VALUABLE 4-H ENTOMOLOGY CLUB. "I would like to address an appeal," he wrote, "to any entomologist who can spare about 5 hours a week to work with youngsters" (in the Phoenix-Sun City area). "Although I have been working only with boys living in a nearby town, girls are also very interested. They are like sponges in seeking information on insects. We go on field trips every week to collect insects and they soon have a really good collection. Last March at the Maricopa County Fair, 14 boys entered 31 exhibits and won 28 blue ribbons, 3 red ribbons, 4 Best of Class Rosettes. In November at the state fair, 9 boys entered 20 exhibits and won 19 Blues and 1 Red. They entered only 3 classes with their collections (1, 2 and 3 year). In each class, the judge designated one of their collections as the best of class and one was judged best of fair. In the state fair they don't award rosettes or trophies but I managed to get them those awards as they look forward to them so much. Also they won \$79 in prize money.

"We have spent the past two summers in Logan, Utah, where we occupy apartments used by students of USU during the school term. I spend half a day working on the taxonomy of some of the insects the boys and I have collected. There I also have some 4-H boys. Last summer I had 7 boys who won three blues and 4 reds. The judges were really tough in judging; in fact, quite unreasonable.

"I have gone into detail only to emphasize how rewarding it is to work with these youngsters. I usually start them at about 11 years and they start dropping out about 14 although I have one 17-year-old very interested in pest control. In the community where they live, they can step out of their front door and get into trouble. The 4-H Entomology Club gives them another interest and uses up time collecting insects that otherwise might be wasted in negative activities." Roy is also involved in elementary school guidance programs called Environmental Days and has worked with scouts in all these areas. We can't tell you how much we admire you for all this, Roy. We hope that your example will start others to thinking about "retirement" or "enrichment" programs both urban and suburban. *Buenaventura, Maestro!* If you go by Phoenix, Roy's phone number is (602) 977-7580 and he'd love to see you and show you around.

OUR RETIRED ED., BILL BICKLEY, WITH MORE

TIME TO DO FUN THINGS, WENT DOWN TO Virginia Beach in February to the MAMCA meetings and reported that the weather was terrible (who hasn't had terrible weather lately?) but the papers exceedingly good. One, by HOWARD ROACH, was on large scale weed control in South Carolina, using *Tilapia* in the Santee-Cooper system. DAN HAILE of the USDA lab in Gainesville reported on aerial application of insecticides, an ongoing problem, and there was a symposium on *Bti*. RALPH WHITAKER is Prexy, GEORGE SWEARINGTON is V-P, JAY STREET is secretary-treasurer and MIKE LOVING was given a vote of high praise for his service of the past 3 years in that capacity.

SPEAKING OF PAPERS, OUR SURPLUS HAS DISAPPEARED WITH THE RECESSION AND THERE'S NO BACKLOG, SO LET'S HAVE A FEW, YOU GUYS & GALS. What have you been *doing* all winter while you were snowbound?

TOMMY MULHERN'S EXECUTIVE DIRECTOR'S OFFICE RECEIVED AND ANSWERED 2396 PIECES OF MAIL FROM ABOUT 1 DECEMBER TO 1 MARCH. . . . no recession there! He and Linda answered as many as 176 items in one day and averaged 44; not that they don't APPRECIATE hearing from us members, you understand. They just hope you know WHY it may take more than return mail to get the word back to you sometimes.

THE SOCIETY OF VECTOR CONTROL ECOLOGISTS HELD ITS THIRTEENTH ANNUAL CONFERENCE in conjunction with the BIOLOGICAL CONTROL COMMITTEE OF THE CMVCA on 18, 19 and 20 January at the University of California at Davis. (The *New York Times* put out a list of the nation's "best" universities lately and commented that the students at Davis were only an hour's drive from the "California Beaches" where they spent a lot of time lolling around. Despite this, we had a fine, academic atmosphere in which to loll.) Members from afar included DON PLETSCHE from Mexico City, JAY GRAHAM from Salt Lake City, BOB TAYLOR from Atlanta, ROBERT TONN from Washington City and MICHAEL SERVICE from London City. . . . well, Liverpool actually, which is *not* near London. They talked about vector control and ecological factors in Mexico, Sri Lanka, CDC's wide-spread domain, the Americas from Mexico to Argentina, and Africa, in that order. . . . Controlling mosquitoes with protozoa and filariae as passengers by various means, including notonectids, fish, nematodes and flatworms. MIR MULLA is the new Prexy-ect.

JOYCE CHESTER WRITES US THAT LEN TRAGER AND HIS COMMITTEE HAVE SET THE 1982 25th ANNIVERSARY MEETING OF THE LOUISIANA MCA for 26-28 October, at the Gateway Hotel in Metairie. The Committee, JOYCE, ED BORDES, GEORGE CARMICHAEL and BILL RUPP promise "more than usual" Louisiana hospitality, as if that were possible. Prexy CHUCK PALMISANO has named Joyce to head a Historical Records Committee and would like input. It seems only yesterday.

IF YOU LIVE WITHIN DRIVING DISTANCE YOU MAY STILL LIKE TO KNOW ABOUT THE THIRTEENTH ANNUAL BITING FLY WORKSHOP, EVEN THOUGH IT'LL BE HELD 7 TO 9 JULY 1982, at Eastover, in Lenox, Massachusetts. Information can be obtained from LARRY UHRICH and his Essex County Mosquito Control Project in Rowley, Maine. His phone is 948-2381 (area code 207, we *think* . . . better check). He notes that the area selected for this year's workshop is ideal, a 1600 acre estate in the Berkshire Mountains of western Massachusetts, in Eastover. JOHN STOFFOLANO JR. of the U. of Mass., is Chairing it.

VMCA'S *SKEETER* REMINDS ONE AND ALL THAT *B.I.I.* IS NOW COMMERCIALY AVAILABLE and has a handy order form for agencies in Virginia to order that and various chemical insecticides and herbicides as part of its low-cost joint-purchase program. This sounds like the sort of self-help with the budgeting that ought to be standard practice in EVERY area. (Of course, Texas and California . . . and Alaska . . . are a leetle TOO big to be called merely "areas" . . . divided into "zones" perhaps?)

LEWIS MARROTT, LEWIS NIELSEN, ELMER KINGSFORD and BETTINA ROSAY JOIN MODESTLY in UMAA'S *STING*, to tell us that Utah has its own unique mosquito which, like all of Utah, is absorbingly interesting. (Our comment—Ed.) It's *Aedes niphadopsis*, recognized in 1918 and described from specimens in north Salt Lake. It is now known to occur in the whole of the Great Basin in Utah and surrounding states. Eggs hatch in January; this year, 1982, the major hatch was started 17 January. Larvae develop slowly and often are collected under ice, like *Ae. communis* in the arctic. Instead of mating around the breeding sites they fly into the foothills, where it is perhaps pleasanter, and feed on nectar and get romantic and all, after which females move out in search of BLOOD. Some females make the

round trip from breeding (and egg-laying) sites to the foothills and nectar 3 or 4 times! It seems pretty sybaritic for the stern mores of the Saints, if a gentile may say so. Salt Lake City wasn't built by that sort of inattention to business. But like arctic *communis*, there's only one brood a year.

MILITARY RESERVE TYPES ALL KNOW . . . AND MANY OF THEM HAVE TAKEN . . . THE COURSES IN "MEDICAL ENTOMOLOGY AND PEST MANAGEMENT TECHNOLOGY" given at the Naval Air Stations, Alameda (Calif.) and Jacksonville (Fla.) Jax is offering an Advanced Course in Operational Entomology this year and next, the convening dates being 9 August 82, 10 January 83, 9 May 83 and 8 August 83. This is a two-week course open to regular duty personnel, preventive medicine technicians, environmental health officers, epidemiologists and entomologists whose billets require this expertise. It's also open to Reservists, enlisted and commissioned who have completed the primary two-week course. Quotas for the 16-student course fill

early and quarters may be limited, so if you're interested, apply now.

DAVE REED OF FRESNO WESTSIDE (CALIF.), GIL CHALLET OF ORANGE CO., AND BAY AREA COUNTIES ALL HAD BELOW NORMAL RAINFALL AND MILD WEATHER TO REPORT IN JANUARY, leading to a predominance of *quinquefasciatus* and a few treehole breeders. What a difference thereafter! In the weather, we mean. COLD AND RAIN. As our jolly ole TV showed us at six o'clock, EVERYONE nationwide was having a really lovely Eastertide and we wish we knew as we write (in April) what you-all were having so we could tell you in June as you read this. Are they less or more? Did they ride it out better than we did? Probably. Let's hear from you . . . a quick card is enough . . . from all around the country. It ought to be interesting.

NORTHWEST MOSQUITO AND VECTOR CONTROL ASSOCIATION ANNUAL CONFERENCE FOR 1982 IS SCHEDULED IN OCTOBER, in Victoria, B.C., if you're not still snowbound; that's a mighty pretty part of the world.