

NEWS AND NOTES

AUSTIN W. MORRILL, JR.

NOW IS THE TIME TO START THINKING ABOUT COMING TO THE 1982 MEETINGS OF AMCA TO BE HELD JOINTLY WITH THE CMCA IN SACRAMENTO, CALIFORNIA, AND BELIEVE US CALIFORNIA IS THINKING ABOUT THEM. At the CMCA Board of Directors Meeting at Long Beach, EMBREE METZGER (Program) and ALLEN HUBBARD (Arrangements) reported highly interesting plans for field trips and invitational papers, including the Memorial Lecture by Dr. BILL REEVES. Watch the *Newsletter* for your programs and contact your travel agent NOW. There ought to be a mighty fair to middlin' attendance, judging by the numbers the Californians are able to muster for their own meeting. In 1981, there were 140 delegates and 48 additional registrations and what with exhibitors, registrations, memberships and all, they raked in a neat *net* of \$11,000+. Plus wow.

BILL REEVES NOT AT ALL INCIDENTALLY RAKED IN ANOTHER HONOR THIS YEAR, being tendered the Distinguished Teaching Award from U.C. Berkeley, which claims a good many distinguished teachers.

WHILE WE'RE IN CALIFORNIA, THE SOCIETY OF VECTOR ECOLOGISTS (A NATIONAL ORGANIZATION) NORTHERN CALIFORNIA CHAPTER holds an unusual meeting late in November, at which HARVEY SCUDDER and CHARLES DILL set up and develop computer models on freshwater marsh management. The design is to predict consequences of a variety of marsh management decisions on vector and wildlife populations and further workshops may be set up if demand warrants. "Home" computer use has come upon us mighty sudden, as the spiritual used to sing, but it has become an immediate fact of life and its use an important tool, so this sort of workshop is indeed timely.

THE AMERICAN REGISTRY OF PROFESSIONAL ENTOMOLOGISTS' *NEWS* reports that GEORGE HUTTON, President-Elect and Chairman of the Program Committee, has developed an interesting and *reasonably short* (our *ital.*) program for their San Diego meeting on 29 November. We think this characterization is one which, after one gets over being boggled by it, begins to take hold on the imagination. How often we've attended meetings which were reasonably interesting but NOT reasonably short!

(As a passing note, we're always at a loss how to report events which are to take place AFTER we've written but *before* you read about it. We've tried several combinations, none of which sounds at all reasonably short, so bear with us if we mix tenses a bit.)

BOB WASHINO AND GEORGE GEORGHIOU BOTH RECEIVED HONORS, TO GO BACK TO THE NOTES IN THE *NEWS*. Bob has been appointed to Chair the Department of Entomology of the University of California at Davis, now the principal part of Cal. George received an honorary Doctorate from the Aristotelian University of Thessaloniki, Greece. (We don't suppose the ceremony was held in an olive grove?) George spoke in his Doctoral Address on "Insecticide Resistance and Research for its Avoidance and Suppression."

DR. COL. MILT FLEMING MUST HAVE DONE SOMETHING GOOD TOUTING ARPE AT SAN ANTONIO because the last two issues of the *News* have listed *five* names we know are AMCA'ers as new members: Dr. RAJ GUPTA, STUART MCAUSLAND, DR. LAMAR MEEK, FORREST ST. AUBIN AND LTC GENE THOMPSON. Others we wondered about, for they aren't on the membership list TOMMY MULHERN sent out in 1978 (hint, Tommy), are MAXINE CENTALA, DIRK SPILLEMAECKERS, and CAPTS. JOHN WILDIE and FREDERICK HARRISON JR. If you four aren't (we assume from your positions you READ *Mosquito News!*) you ought to be and if you ARE and want to see your name in print again, write us. OK?

WE'VE OFTEN WONDERED OVER THE YEARS WHETHER TWO AMCA'ERS WITH THE SAME SURNAME WERE BROTHERS (OR, NOW, FATHERS AND SONS . . . OR GRANDSONS!) and the lists of entomologists accepted into the Registry (or engineers into the American Society of Registered Engineers) or our own membership lists, often contain names which are mighty familiar in our Authors' Index each year. We'd sort of like to know. How about you guys who have sons or grandsons or granddaughters or nieces or nephews breaking into the great big world of vector control . . . and of course especially into AMCA . . . dropping us a line? Just say, "Hey, my youngster, name of John (or

Melinda) has joined AMCA or ARPE or ASRE or whatever, or has just been made HEAD of the Upper Westovershoe Mosquito and Vector Control District in Massachusetts!" You can add as many !!!'s as you feel appropriate!

WE RAN ACROSS THREE OLD PICTURES IN OUR FILES THE OTHER DAY and we wish we could reproduce them because folks nowadays sometimes just won't BELIEVE. One of them was of *Musca sorbens* in Australia, on our assistant's shoulder. It shows only about 50 or 60 flies on his arm, neck and head, because the flies moved around to the shady side each time we went to take a picture. *Sorbens* is now in Hawaii and some parts of the Western States to some extent and you guys there may be finding it one of YOUR problems one of these days. The other two were of mosquitoes, probably *Ae. communis*, one bunch on HARRY STAGE, somewhere in Alaska, and one bunch on US in Ft. Churchill, Manitoba, halfway up Hudson's Bay. We counted 300 per square foot per minute up there. But we've seen times, before CMCA or DR. WM. HERMS, when you couldn't have had a hot tub in San Mateo or Marin counties, either, some times of the year. (Surely, you know where MARIN COUNTY is? Don't you WATCH TV?) HARRY STAGE's picture was also among his effects that we saw some time ago and it's now in the AMCA archives. HE had about 600, we should judge.

CLUFF HOPLA WROTE IN TO POINT OUT THAT THE QUOTE WHICH DR. BRUCE-CHWATT HAD FOUND IN MR. SANDVED'S INTRODUCTION TO HIS "Insect Magic" in 1978, which we further attributed to Dr. L. O. Howard, had actually come originally from the monumental work on moths published by Dr. W. J. Holland in 1903, and also quoted by Dr. S. W. Frost in his "General Entomology" in 1942. This set us to fanning pages . . . and, he's right! But it's a good quote and it was a splendid experience to have Dr. Bruce-Chwatt with us, as Cluff points out, and we still think the "bug" is rather apt to be a cockroach representing the sole surviving bit of life, 'when the moon shall have faded out from the sky and the red sun shall shine at noon-day a dull cherry-red,' as Dr. Holland said. We wouldn't LET it be a mosquito, would we?

DR. P. K. RAJAGOPALAN, DIRECTOR OF THE VECTOR CONTROL RESEARCH CENTRE AT PONDICHERRY, INDIA, sent us the Annual Report of his Centre for 1980 and we found it thoroughly interesting reading. Did you ever think,

when using a coco mat or a bit of rope that the manufacture of these items might be a problem to some poor, struggling vector controller? Neither did we. But back of these dry husks are jars of water and these are only part of a larger whole: tidal pools, irrigation and drainage channels, irrigation pits of water in *casuarina* plantations, pits dug by fishermen. . . . not fishers for sport. . . . in search of earthworms. Dr. Rajagopalan uses *Gambusia*, water management and control ranging from chemicals to *B. thuringiensis* and says he's thankful for good postgraduate work in IPM under BILL REEVES.

LOUISIANA MCA'S ANNUAL MEETING IN NOVEMBER HAD THE SEAFOOD FEAST ON ITS SCHEDULE, SIMILAR TO THE ONE WE ENJOYED SO HAPPILY TWO YEARS AGO. It was held at the Calcasieu Parish Mosquito Control facility, which also hosted a surprise retirement party for CHAPPIE CHAPMAN. The meetings were at the Sheraton Chateau Charles in Lake Charles. LAMAR MEEK, beside being Chairman of our Historical Records Committee, has been Prexy of the LMCA this year and also sparked the LMCA Training Manual. Calcasieu Parish facility, incidentally, sustained major damage from a tornado early in the season and the area was swept by major tropical storms which didn't help mosquito control much, so the above-mentioned activities are a real tour de force.

TEXAS, MEANWHILE, HAVING SURVIVED OUR MEETINGS, LAUNCHED ON THE FIRST ANNUAL GREAT TEXAS MOSQUITO FESTIVAL, reported in the Brazosport *Facts*, a newspaper of Clute, Texas, in Brazoria County, sent to us by JIM OLSON. The festival was shortened by RAIN but while it lasted was great. Jim notes "that AMCA and TMCA were there in the form of an exhibit featuring the AMCA slide/tape series on Organized Mosquito Control in Texas and Louisiana. Texas A&M had an exhibit of posters displaying various aspects of our research program and JIM MCNEILL IV, Director, Brazoria County Mosquito Control, placed one of his ULV trucks on display. The location of the mosquito control exhibit was right by the main gate and otherwise right in the center of all the action; so we got some good PR even though the Festival was cut short."

LAMAR AND JIM WERE IN ARKANSAS IN JULY AS PART OF A SEMINAR ON MOSQUITO CONTROL AND

THE RICELAND MOSQUITO MANAGEMENT PROJECT as reported by the Memphis *Commercial Appeal* (Tenn), which was headlined, "Fresh-Water Control Of Mosquito Studied; Costs Will Still Sting," but was a good pitch for the establishment of MAD's and integrated control in water management. They also got in some good licks for the need for research and surveillance so that control is applied where the mosquitoes come from and not just along city streets where they enter bedrooms.

BRIAN WHITWORTH'S TULARE COUNTY (CALIF.) NEWSPAPERS HEADLINED SOME OF THEIR STORIES ABOUT FISCAL PROBLEMS IN MOSQUITO CONTROL a bit differently. . . . they're worried about the effects of NOT having control. Not just in increased nuisance but in disease abatement. Columnists, news reporters and editorial writers all addressed a single theme: the supes better jolly well FIND THE MONEY, Prop. 13 or no. Our memory is a bit dim but we seem to remember that one of the props of Prop 13 was that while *property* taxes couldn't rise over 1% of value, the public could vote in any special taxes it liked. . . . libraries, parks, museums, mosquito control. Politicians hate to address *this* problem, though some of them reluctantly have of late. These taxes don't go into the General Fund; they go right for what they're voted to go for. We'd like to hear from other areas and states that have Prop. 13-like laws. Problems?

THE GAINESVILLE LAB WILL PROBABLY ENJOY KNOWING THAT EPA IS CONTINUING THE REGISTRATION OF 6-12 REPELLENT because there is no evidence that the chemical exceeds established risk criteria, but feels that data to be developed include information that 6-12 does in fact repel mosquitoes, black flies, etc.

PAUL BRAND, TRUSTEE OF THE MARIN/SONOMA (CALIF.) MAD AND ON THE STAFF OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT WRITES TO ASK IF ANYONE FANCIES A MOSQUITO/VECTOR CONTROL TOUR TO HELSINKI, LAPLAND, SIBERIA, THE SOVIET FAR EAST, MOSCOW AND LENINGRAD? For those who do, DICK PETERS will be leading a tour (here's your chance to check up on LEW NIELSEN's data) from 24 April through 15 May, 1982, scheduled to leave San Francisco after the Annual Meeting in Sacramento adjourns. PAUL writes, "Professional field trips and meetings will be arranged, as well as a full program of tourist and scenic attractions. The group will fly directly from San Francisco to

Helsinki via Finnair (a flight to the Finnish?) and thence up to Lapland. After Moscow, by air to Khabarovsk in the Soviet Far East to visit two institutes, then on the Trans-Siberian Railway to Irkutsk" for Lake Baikal and the Limnology Institute. As you know, the lake contains over 20% of the world's fresh water and, Paul continues, "more than 1,200 forms of life found nowhere else. On the way to the lake, a gourmet picnic in the forest will be served (but family Culicidae not invited). Back to Leningrad for the Hermitage, Peter's Summer Palace by hydrofoil and visits to the Zoological Institute. In each Soviet city, a ballet, circus or theatre performance will be included."

Dick will have visited over 30 countries when he lands in Finland (he's also our AMCA Extension Representative, you remember) and Georgia is going, too, so spouses are welcome. There's a notice of all this in the November 1981 *AMCA Newsletter*. DON'T write us or Tommy or Dick about it, though. Write to Paul, Marin-Sonoma MAD, 130 Allyn Avenue, San Anselmo, Calif. 94960 for fuller information and reservation forms. Bon voyage.

OH, AND IF THIS EXCURSION'S A SUCCESS. . . . AS IT CERTAINLY SHOULD BE . . . Paul says they'd like to consider making it an annual thing, "Destinations: New Zealand/Australia/New Guinea, Thailand/Malaysia/Japan, Central America. Quien sabe?"

RALPH BARR WROTE RON WARD, YE ED., TO ASK, "DID YOU KNOW THAT THERE IS A SOCIETY FOR THE STUDY OF THE *CULEX PIPPIENS* COMPLEX?" It is called the *Akaieka Kenkyukai*. (That translates, "Red-vectoring mosquito" or "sting-ray" mosquito if one i's been dropped. . . . or something entirely different . . . probably the latter, "Research Society.") It was established in 1976 and its president is Dr. Takashi Ishii of the College of General Education, University of Tokushima, No. 1-1 Minamijosanjima, Tokushima, Japan. It publishes a newsletter, the *Akaieka Newsletter*, which is issued quarterly. Membership is open to all, the annual fee being ¥ 1000.00 or about \$3.50 and there are presently 52 members.

ANOTHER PUBLICATION OF INTEREST COMES FROM THE CMVCA PRESS. It's called "Fish in California Mosquito Control," edited by R. L. COY KENDELL, is loose-leaf and thoroughly referenced, with sections on capture, rearing and handling of the fish with documented cases of

where particular species were used to reduce particular mosquitoes. Address of the CMVCA Press is 197 Otto Circle, Sacramento 95824.

AND HELEN SOLLERS-RIEDEL's 1978 Annual Review, "A World-wide Look at Mosquitoes and Disease in 1978" is now off the press as a New Jersey MCA supplement. The 1979 edition is expected in late February, so now is the time to order that, too.

SMITHSONIAN NEWS SERVICE DEVOTED A NUMBER OF PAGES AND A LOT OF GOOD PICTURES TO A RELEASE IN AUGUST ENTITLED, "Ditching the Pesky Mosquito." It gave a mighty fine and thorough discussion of the whys and wherefores of ditching, including how NOT to do ditching. One thing they didn't cover was the sort of thing that happened to us at Camp Davis, North Carolina during WWII when friendly and too-enthusiastic engineers ditched the salt marshes and got rid of *Aedes*, leaving nice fresh-water ditch bottoms to breed *Anopheles quadrimaculatus*. And in those days, children, we still had malaria in America and in the military. Yes, indeedly. Smithsonian's emphasis on keeping a sharp eye on what you're doing would take care of that, though.

YE ED SENT US AN ALARMING NOTE FROM THE TRANSACTIONS OF THE ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE, which consisted of a letter from Drs. Phillip Marsden and Willis Reid of the University of Brasilia (Brazil). They've found that *Periplaneta americana* in their library, unrestrained because the building also houses valuable insect colonies, PREFERS to eat our own MN out of 45 different journals. (Only one other was attacked and it was only 4 out of 11; WE were 4 out of 4.) The pages of the issues were uneaten, causing the authors to surmise that it was the glue in our binding, a reasonable certainty, especially inasmuch as they *stopped* eating us in 1980. We must ask Boyd Pub. Co. if they changed glues then. Otherwise it was just that the roaches thought we were going too unnoticed???

THOSE OF YOU WHO READ *TROPICAL MEDICINE AND HYGIENE NEWS* WILL HAVE READ THE LONG AND ELOQUENT TRIBUTE TO RICHARD MORELAND TAYLOR in the August issue. We shall not mangle it by condensation, for the Editors of *TM&H News* did not, but it was for a memorial eulogy delivered by TELFORD WORK at a service in Woodside, California, last May. Dr. Taylor was known to many and will be missed by all.

ROY W. CHAMBERLAIN WAS AWARDED THE USPHS COMMISSIONED CORPS DISTINGUISHED SERVICE MEDAL at the annual PHS Honor Awards Ceremony in Washington, D.C., last May, when he retired. The award was given "for sustained, dedicated service and outstanding contributions to the advancement of scientific knowledge of arbovirus ecology, medical virology and public health."

TOMMY MULHERN SENT US A PHOTOCOPY OF THE TITLE PAGE OF A LITTLE BOOK BY DR. BRUCE-CHWATT, entitled, "The Rise and Fall of Malaria in Europe," written with Dr. Julian de Zulueta for WHO and published by the Oxford University Press. It has a woodcut showing a recumbent and apparently lethargic man beset by dipterous insects that otherwise look like bees but are probably meant to be mosquitoes and would seem to show that in 1491 (the date of the woodcut) they had SOME small suspicion that mosquitoes and disease were related. At the end as an *Envoi*, Dr. Ronald Ross is quoted, "In 1730 Dr. Thomas Fuller wrote: 'Can any man, can all the Men in the World, though assisted by Anatomy, Chymistry and the best Glasses pretend positively and certainly to tell us, what particles, how sized, figured, situated, mixed, moved, and how many of them are requisite to produce a quartan ague, and how they specifically differ from those of a tertian..?'" Dr. Ross then goes on, "The history of malaria contains a great lesson for humanity—that we should be more scientific in our habits of thought, and more practical in our habits of government. The neglect of this lesson has already cost many countries an immense loss in life and in property."

BETTINA ROSAY SENT US A NICE NOTE ABOUT THE 34TH ANNUAL MEETING OF THE UTAH MOSQUITO ABATEMENT ASSOCIATION, which was held on 28 and 29 September in Salt Lake City. Of the 29 papers given, 19 were presented by Utahns, acquainting the audience with some programs of the State Health Department, the State Department of Agriculture, the State Industrial Commission and even the news media, in relation to mosquito control. Papers were also given by people attending from California, Colorado, Florida, Idaho and Wyoming. At the banquet, honorary Life Memberships were presented to WILLIAM E. DUNN, LEW FRONK, TOMMY MULHERN, DON MURRAY and DICK PETERS for their meritorious service to mosquito control. Decorative plaques were also given to past Presidents of UMAA back to 1952.

The new officers of the UMAA are: ELMER KINGSFORD, President, ROBERT BRAND, President-elect, STEVEN ROMNEY, vice-President, and BETTINA, Secretary-Treasurer. Papers ranged from wetlands management to a new formulation of BTI, which in this Acronym Age of ours really ought to be BIT, if the systematists would allow it. As always, Utah had a meaty meeting.

CURT SABROSKY RECEIVED THE L. O. HOWARD DISTINGUISHED ACHIEVEMENT AWARD from the Eastern Branch of the Entomological Society of America at their meeting in October, having received the Distinguished Service Award from the U.S.D.A. last year and, of course, honors before, that are too numerous to mention.

DON JOHNSON AND HARRY PRATT have written to say that JOHN SHIPP who is well-known to AMCA'ers for his work at Kingston, Jamaica,

at the Malaria Eradication Training Center, as well as malaria control work here and abroad, is recuperating from a leg amputation and we wish him a speedy return to good health. Getwells may be addressed to him at his home: Route 1, Box 185, Shiloh, Georgia 31826.

A NOTE FROM DON PLETSCH MAILED IN MIAMI BUT ON STATIONERY OF THE PARK HOTEL IN GEORGETOWN GUYANA says he was hard at work as of 4 October. (Ye Ed had sent us a note that he saw Don in D.C. just before this.) Don's letter was labelled a "quicker" but is so meaty we daren't summarize it and shall go the whole way, plus anything further Don may add, in March. Don had got together with not only Ye Ed but also RAY TREICHLER, ED SMITH, ED PEYTON and MIKE FARAN. His letter was mailed by Dr. HARDY LOE, a PAHO consultant from Texas, and convivant with DON MICKS and JOHN SCANLON.

1981 AWARDS

Awards were presented at the 1981 Annual Meeting of the American Mosquito Control Association, held in San Antonio, Texas on March 15-18.

Medal of Honor

Col. Stanley J. Carpenter
Rowland E. Dorer

MERITORIOUS SERVICE

Dr. Allan R. Barr
Dan F. Boyd
Gilbert L. Challet
Edgar A. Smith

PRESIDENTIAL CITATION

Linda Shields Raiche
Margaret Slater

MEMORIAL LECTURER

Prof. Leonard J. Bruce-Chwatt

JOHN N. BELKIN MEMORIAL AWARD

Dr. Botha de Meillon

PAST PRESIDENT'S PLAQUE

Dr. Robert K. Washino