

## NEWS AND NOTES

AUSTIN W. MORRILL, JR.

FOR THE FIRST TIME IN MANY A YEAR OUR USUAL INDEFATIGABLE INFORMANTS haven't written us a SINGLE letter to tell us how the meetings went or how many attended and like that. *One* I.C., who has *ordered* us to let him remain nameless in our column, sent us a very handsome postcard and "wished we were there" (so did WE!) but otherwise, we're ignorant. The program, as you all saw, looked mighty, mighty good. The unofficial head count: 567.

THE SAME SOURCE WHO SHALL REMAIN NAMELESS (BUT WE ALL KNOW WHO *THAT* IS, DON'T WE?) asked how we liked the new type face on the Table of Contents on the front cover of the March number, which got in the mails ON TIME! But, alas, we haven't received ours yet so we can't say anything except we're mighty grateful if it makes indexing and finding papers *and their authors* easier. Anybody OBJECT to the improvements? We dare you to, but it'll be worth it if you'll write.

One guy who *has* heeded our constant pleas to PLEASE WRITE is BOB ARMSTRONG, who sent us a long letter about several things, including further information on DR. PHIL CORBET. He was awarded the Gold Medal by the Entomological Society of Canada at its meeting with the Acadian Entomological Society at Halifax in Nova Scotia, on 27 August of last year. The medal went the year before to our late, great BRIAN HOCKING, who did such trail-blazing work in Canada's arctic mosquito-land, among other things. Though Brian was already very ill, he was able, we are glad to learn, to give the "Gold Medal Address."

AND SPEAKING OF CANADA BOB REMINDS US OF FRED BISHOPP'S REMARK on the deplorability of having brought in reindeer from Siberia without quarantine checking some thirty odd years ago, one of those things, so common in the past, which one wonders about now and then.

AND STILL SPEAKING OF CANADA, WE LEARN WITH GREAT PLEASURE THAT AL WEST became an emeritus member of the Entomological Society of America, effective 1 January 1975. Happy Days, Al!

ONE INDEFATIGABLE CORRESPONDENT WHO REMAINS FAITHFUL IN RETIREMENT IS HARRY PRATT (but weren't you at the *meetings*, Harry?) "Retirement" is such a relative term that we hasten to point out that Harry seems to be as busy as ever. For instance, he's "Director of Training" for Stephenson Chemical Co. in Atlanta, which has pioneered in having courses to prepare commercial pest control operators for the new and exacting requirements of the EPA certification

program. They recently had three 3-day classes with 60 to 80 people in each class. And that ain't the old style retirement, brother!

In January, Harry hosted a luncheon meeting of the "Retired PHS Entomologists" of the Atlanta area, with two hours of color slides and talk after the lunch. We'd like to have been there to listen. KENT LITTIG, DON JOHNSON, JOHN KILPATRICK, NEWELL GOOD, LES BEADLE, JOHN HUGHES and PAUL RICE were there.

Also a report on the NORTHEASTERN MOSQUITO CONTROL ASSOCIATION's training program for 1976 certification. Under the direction of ADRIAN GENTILE, now at the Suburban Experiment Station in Waltham, Mass., many of the members participated in a home study type of examination developed by Dr. Jim Dewey of Cornell for the Northeastern States. Then, on 11 through 13 February, NMCA and the Experiment Station sponsored a training course for over 100 members, which was developed by BOB ARMSTRONG with scads of willing assistance in the forms of LEW WELLS, BOB SPENCER, BILL DOANE, DAN JOBBINS and BOB OSTERGAARD.

The meeting was opened by ART MASON, from New Hampshire, who is the NMCA Secretary, and HARRY outlined the basics in public health, biology and mosquito identification and like that. Then, DR. ANDY SPIELMAN brought in LIVE adult and larval mosquitoes for class study, despite zero weather and a raging snowstorm. That Harvard School of Public Health deserves its reputation!

The second day DON SUTHERLAND from Rutgers presented a discussion and demonstration of insecticides. AL HEUSER talked on equipment and BILL SMITH, who is now Superintendent of the new Central Massachusetts Mosquito Control Project, discussed surveys, records and evaluations. All of which tells us that we'd better look forward to another great meeting when we gather with the NMCA in Boston next April, about which BOB SPENCER will tell you more in a Newsletter. Harry had to leave the meeting early because New York was getting socked in by the worst snowstorm in 4 years (since surpassed, we hear, by one that was the worst since 1884!) but that was February anyway, and if we remember New England springs, it's pristine and gorgeous in late April.

DAVE DAME HAS LEFT FOR TANZANIA TO DO SOME MORE WORK ON TSETSE. Write us about it, Dave. (There's no one as anxious to tell you something as the guy who just learned it, and coincidentally, we just learned that tsetse is both singular and plural . . . like sheep and fish, you know . . .

and that tsetse MEANS fly so don't go saying tsetse fly. We have a *consensus of opinion* on that?)

LIEUTENANT COLONEL MOUFIED MOUSSA has left (a year ago, actually) the R & D Command in the Surgeon General's office in Washington to put together and head up an Entomology Department for the new Letterman Army Institute of Research at the Presidio of San Francisco. He has been joined there by LOUIS RUTLEDGE who retired from the Army in Panama and is now Mister instead of Major. Colonel (Doctor) Moussa has kindly invited us to visit them and we sure mean to and shall bring you further word because their two primary research projects so far are repellents and American leishmaniasis, two aspects of tropical medicine whose importance we needn't belabor. MOUFIED's successor at the Headquarters, U. S. Army Research and Development Command in Washington, is LTC NEIL PENNINGTON.

MEANWHILE DR. CHESTER MOORE IS DIGGING INTO ANOTHER TROPICAL PROBLEM: *Aedes aegypti* and dengue (we hope it STAYS tropical). He's at the PHS lab in San Juan, Puerto Rico. With the weather the way it has been all spring here on the Mainland we wish we could visit him.

MARTIN YOUNG RETIRED AFTER TEN YEARS OF SERVICE FROM HIS TWO JOBS AS DIRECTOR OF THE GORGAS LABORATORY AND AS DIRECTOR OF RESEARCH AT THE GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE, in Panama. Although he might well have taken a little time off, we should think, just to count over his honors, he has gone instead to the University of Florida's College of Veterinary Medicine and Health Center. Before he left Panama, he received the highest award given by that country, the grade of Grand Officer in the Order of Manuel Amador Guerrero, in recognition of his distinguished service. He also received several other highly commendatory parting awards, including a letter of appreciation from the Surgeon General of the U. S. Army for his consultant services, the Certificate of Merit of the Gorgas Memorial Institute and the Gorgas Medal, which is given by the Association of Military Surgeons of the United States for notable accomplishments and contributions to military medicine in the field of parasitology.

BRAD ANDERSON OF THE NORTHWEST MOSQUITO AND VECTOR CONTROL ASSOCIATION SENDS US A QUOTE, WHICH WE WISH WE HAD SPACE TO GIVE YOU ENTIRE, from a statement made by Dr. David Phillipson of the Upjohn Company. Dr. Phillipson remarked, in the spirit of 1776, "Since the basic manufacturers are now filing Environmental Impact Statements for products, then it would seem appropriate that EPA should also have to file Environmental Impact Statements on the withdrawal of products from the marketplace. If the public is going to be made aware of the impact of a new product on the environment, \* \* \* then

when EPA withdraws a product, the negative effect of that withdrawal also ought to be noted. \* \* \* For example, had people been aware of the tussock moth, would we have been as stringent as we were with DDT?" We fear the answer to that last is "yes," inasmuch as we all remember that Dr. Ruckelshaus banned DDT in the face of a strong recommendation that he NOT ban it, from the board of inquiry set up to advise him. Perhaps we've done too good a job of eliminating malaria and such from the public consciousness, you reckon?

BRAD ALSO NOTES that Idaho has now decided they can bring in *Gambusia* for mosquito control (!), and Walla Walla Washington is digging pits in five swamps which will permit *Gambusia* to survive low water in the summer and, one hopes, freezing weather in the winter.

THE COLUMBIA MOSQUITO CONTROL DISTRICT in Walla Walla County (Wash.) is also getting the nod from the Washington State Parks Department to provide mosquito control measures for Sacajawea State Park, which is adjacent to the Snake River. The Northwest is obviously FILLING UP! People expect parks to be mosquitoless these trailer and camper days. We used to feel happy if there weren't too many hungry bears around the tent.

NWH & VCA also sends us the sad report of the death of Bob Dixon last November. He was an active member and participant of this active and growing Association and will be sorely missed. He was Laboratory Head, at the time of his death, of the Plant Industries Laboratories of the Alberta Department of Agriculture in Edmonton.

IN NOVEMBER (10-14) BUT STILL NOT TOO FAR OFF TO START PLANNING IS THE JOINT MEETING OF THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE and the American Society of Parasitology (whose 50th anniversary it will be) and the American Microscopical Society. It will be held at the Braniff Place Motel, 1501 Canal Street, New Orleans, and information is available from Dr. Max Miller, at Tulane (Zip 70112).

DR. GEORGE GIGLIOLI DIED ON 14 JANUARY IN WASHINGTON D.C. AFTER A HEART ATTACK WHILE ON A VISIT THERE. He was 77 and still active in the Mosquito Research and Control Unit of Grand Cayman, Cayman Islands, (British) West Indies. GEORGE first made us conscious of and desirous of seeing Grand Cayman, though we never got closer than buying a commemorative coin issued a year or so ago. His son, Enzo, whom he was visiting, is with the World Bank as an agriculturist, and MARCO GIGLIOLI, a fellow AMCA'er, is, of course, known to many. Our very deep commiserations.

WE DID RECEIVE SOME INFORMATION ABOUT THE MARCH MEETINGS IN THE FORM OF THE LIST OF NAMES SELECTED BY THE AWARDS COMMITTEE,

which, is, no doubt, published elsewhere. We were sorry to see that Nita and ART LINDQUIST were not there for ART to receive the Medal of Honor. We hope their camper hasn't broken down! DAN JOBBINS was there to receive his Medal and so were LEWIS FRONK and LOUIS OGDEN, united in merit, if not in spelling.

ROLLIE DORER INFORMS US OF THE CREATION OF THE MID-ATLANTIC MOSQUITO CONTROL ASSOCIATION in a joint meeting of the Virginia MCA (of which it was the twenty-eighth annual), the North Carolina MCA (of which it was the tenth) and the South Carolina MCA (for its second). The idea had been growing for some time and was not a "sudden inspiration" but its time had come and although Maryland was not prepared to vote at that time, the proposal was adopted by Virginia (represented by RALPH WHITAKER), North Carolina (represented by CHARLES MCCOTTER), South Carolina (represented by MAX ASKEY), Georgia (represented by E. SNODDY) and West Virginia (represented by P. H. SEEKFORD). ROLLIE was elected President and L. A. WILLIAMS, Vice-President, while R. C. AXTELL was tapped for Secretary-Treasurer. The next meeting will be held at the DeSoto Hilton (!) in Savannah, on 2, 3 and 4 March, 1976. Time before place says Ye Ed. But that "Hilton" on the famous, old, elegant and defunct DeSoto kind of got to us!

THE FLORIDA ANTI-MOSQUITO ASSOCIATION'S FORTY-SIXTH ANNUAL MEETING was held at the Sheraton Inn at Fort Myers, Florida, during 13 through 16 April, 1975. Insecticides, certification and the use of sterile male techniques and growth regulators all got good billings and there was a discussion of parasitic wasps for muscoid fly (*there's a fly redundancy!*) control. We'd like to hear more about that, what with *Musca sorbens* getting wusser and wusser in Alohaland. There was a panel called, "Ask the Experts!"; now, there's a bunch of brave men! JOHNNY MULRENNAN (Senior, that is) was toastmaster at the banquet.

THE WORLD HEALTH ORGANIZATION IS MAKING AVAILABLE IN 1976 A LIMITED NUMBER OF SHORT-TERM FELLOWSHIPS for travel abroad related to the "improvement and expansion of health services." The support is for United States citizens employed by non-Federal (we think that's discriminatory) governmental agencies or educational institutions. Applicants may not be more than 55 years of age, nor students in the midst of training at either undergraduate or graduate level. Applications will not be considered for purely research projects nor for attendance at international meetings and will be screened by a special committee. Awards will cover per diem and transportation but not salaries. Further information is available from Dr. Robert W. Jones III, Room 2B-55, Bldg 31, National Institutes of Health, Bethesda, Maryland 20014. The deadline is September 30, 1975.

ALAMEDA COUNTY (CALIFORNIA) HAS ABOUT DECIDED THAT THAT OLD JOKE ABOUT GOD TELLING MOSES HE WOULD PART THE RED SEA BUT MOSES WOULD HAVE TO FILE THE ENVIRONMENTAL IMPACT STATEMENT isn't so funny at all. Just as *Culex pipiens* began to cock a snoot at Fenthion, the marshes got too sacred to drain any longer . . . or even repair the levees and dikes that have been in place since the days of DR. BILL HERMS and HAROLD GRAY. And that's a long time, bud. We were just a college kid ourself. Fortunately, the introduction of *Gambusia* has already long been accomplished. And fairly well time-tested. Fortunately, by late spring, FRED ROBERTS had things quieted down, though the continual drizzle the Bay Area suffered from didn't help.

TOMMY MULHERN GOING THROUGH HIS VOLUMINOUS FILES WHICH ARE NOW NO DOUBT GETTING A BIT CROWDED OUT BY AMCA FILES . . . has come up with some items of mighty considerable interest and has generously shared them with us. One most historical one was sent Tommy by DR. ROBERT GLASGOW, the first editor of Our Journal, a letter from J. A. LEPRINCE in which Mr. LePrince asked about subscribing to *Mosquito News*. He said, "I like to do my own thinking and also to do what little I accomplish in my own way—It seemed to work out satisfactorily in Cuba (1901-1903) and again at Panama (1904 to 1914) \* \* \* The one thing that has delayed progress—is the attempts to be so scientific as not to be scientific at all—Dr. L. O. Howard of Wash. D.C. agreed with me on that point—in our conversations together." Then, on a separate piece of paper, stapled to the letter, he added, "P.S. In enclosed letter I refer to the permanent elimination of malaria from the United States of America—It will be 'wiped out' and will become as scarce as (the ague, i.e. Malaria) was eliminated in the British Isles, but not in the same manner. This is for your information and *not* for publication yet." This was in January 1945.

HELEN SOLLERS-RIEDEL'S ANNUAL REVIEW FOR 1973, entitled, "MOSQUITOES AND DISEASE PROBLEMS—WORLD WIDE IN 1973," will be off the press next December and until 31 July 1975 (which should be *after* you read this) will be available for \$3.50 in the United States and Canada and \$4.50 elsewhere (which includes *airmail* postage). *After* 31 July the price goes up one buck. Buy now and save.

A WHOLE LOT OF AMCA'ers attended the meetings of the American Society of Tropical Medicine and Hygiene, which was held in Honolulu just after we had left there for here (sob) so we can only tell you what appeared in the *T M & H News*. First, the Retiring President was LLOYD ROZEBOOM (HARRY HOOGSTRAAL is currently Councilor) and Past-President BILL REEVES presented the Bailey K. Ashford Awards. We wish we had space to reprint (assuming permission, of course!) his remarks in presenting the

awardees, because they were interesting in themselves, as were Dr. Aurel Foster's in "introducing" LLOYD. He was the first recipient of the above-named award, by the way, in 1941. It was given in recognition of his work on *Anopheles bellator* as a malaria vector in Trinidad.

DR. GEORGE BURTON HAS BEEN APPOINTED FOR FIVE YEARS AS A MEMBER OF WHO'S Scientific Advisory Panel, with particular respect to the Onchocerciasis Control Program in the Volta River Basin area. GEORGE was formerly Chief Medical Entomologist and U. S. Officer-in-Charge of the NIH—NIHMR (Ghana) Joint Research Program on Onchocerciasis in that country, is now Scientist Director at the NIH in Bethesda, as you may know if you've been able to keep up with all of his fascinating (and productive) assignments.

OH YES! TSETSE CONTROL. The Scientific Advisory Group convened at the Memorial University of Newfoundland, in St. John's, a year ago, has issued a remarkable document by the headline name and with the supplementary title, "The Role of Pathogens, Parasites, and Predators." (You will notice there is no FLY there!) The Editor and person also responsible for the two excellent photographs is MARSHALL LAIRD, who is Director of the Research Unit on Vector Pathology at the Memorial University and Scientific Secretary for the Group. We *think* the report may be obtained from the International Development Research Centre, Box 8500, Ottawa, Canada (of which K1G 3H9 may also be part of the address?).

RAYMOND SUBRA, WHO IS NOT ONLY AN AMCA'er but a LIFE one, has kindly sent us a monumental study of *Culex pipiens fatigans* which he has published this past year. Its title, rendered in our Fractured French, is "Ecological Studies on *Culex pipiens fatigans* in an Urban Zone of the Sudan Savannah of West Africa," and he has really provided a thorough-going discussion of the species in urban environments everywhere. Among prominent factors of urbanization, of course, is the ubiquitous presence of detergents in nearly every water supply no matter how "cleaned" and this apparently affects Africa no less than it does North America. (We wonder if the searchers ever turned up any detergent residues in those Antarctic penguins?)

ALSO IN FRENCH . . . BOY! ARE WE EVER GLAD WE STUDIED THOSE FOUR PHONOGRAPH RECORDS! . . . Mademoiselle O. MOUSSIEGT has kindly sent us a publications list (bibliography, to you) of the Entente Interdépartementale pour la Demoustication du Littoral Méditerranéen. about which we told you last issue. Among the names of the many authors, we note M. GILBERT SINEGRE, J. A. RIOUX and HANS LAVEN. Each reference is accompanied by a succinct and informative summary, of interest not only for the similarities of problems but also for some provocative findings.

Of concern is not only the universal *C. pipiens* but also *Anopheles maculipennis* and various *Mansonia* and *Leptoconops* of wide interest.

AND MONSIEUR (NOW DOCTEUR) SINEGRE HAS ALSO SENT US A MONUMENTAL ÉTUDE on *Aedes caspius*, which formed his thesis presented to his committee last year in July. Shrewdly guessing our lingual limitations (how could he do that so accurately?), he sent along a *full* summary—except for the tables—in English! Recalling our own troubles in raising *Aedes aegypti* in our lab (until HELEN LOUISE DURKEE took us in hand) and the unique things BRIAN HOCKING showed us at Fort Churchill with *Aedes communis*, we found the discussion of egg eclosion of *Aedes caspius* particularly fascinating. Dr. Sinegre considered deoxygenated water in its many aspects and has some pregnant conclusions on diapause, too, on the species which, it seems, has as hard an environmental struggle—for opposite reasons—as the arctic species.

WELL, NOW. GEORGE HUTTON RECENTLY SAT ON A REGISTRATION PANEL AT THE ESA ANNUAL MEETING . . . ALONG WITH JOHN OSMUN . . . both of whom have had a great deal to do with setting up the professional registry. Since we never make mistakes ourself, or have any *lapsi linguae*, we can't help admiring the bravery ascribed to them by the writer of the news account who allowed as how they were dealing with all fifty-TWO states. This will be news to Hawaii, the "Fiftieth," but maybe Puerto Rico and Guam know something we don't know yet. Or is D.C. about to get out from under?

HAVING SAID SO MUCH ABOUT FLIES BACK THERE A WAY, WE SHOULD TELL YOU THAT ROSS ARNETT'S *Insect World Digest* had an article last October on How to Fly a Fly. Good discussion, too.

BOTH PAUL HUNT, of East Volusia Mosquito Control District (Fla.), and EMANUEL FETZER, of the Desplaines Valley (Ill.) MAD, had increased resort to ULV during 1974 and both reported good success. Not that either of them let it go at that! Both had extensive source reduction and public education programs, both were active in environment-improvement projects and both had the lowest mosquito adult populations in years . . . so we guess both the environmentalists and the general public were equally happy and that's a very happy state of affairs to be in! *Salute!*

From the ARPE News (American Registry of Professional Entomologists): Having completed his courses at Fort Sam Houston, THOMAS A. MILLER has been assigned to the U. S. Army Medical Bioengineering Research and Development Laboratory at Ft. Detrick, Maryland, as Chief of the Environmental Biology Branch and principal investigator for studies of the chemical degradation and disposal of pesticide wastes.