

## NEWS AND NOTES

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WHEN WE RETIRED ON ONE JULY AND DEPARTED OUR OFFICE, AS THE MILITARY HAVE IT, WE SORT OF WORRIED, A LITTLE, ABOUT WHETHER WE'D KEEP ON GETTING ALL THOSE GOOD NOTES FROM EVERYBODY, BUT SHUX . . . WE NEEDN'T HAVE WORRIED! The notes began to beat a path to our new door (our old house, really) and among the first to arrive on our doorstep, literally, was WARREN WISSMAN with news of the Ohio Mosquito Control Association. Warren has been here in Hawaii absorbing sunshine and knowledge and getting his Master of Public Health, which he did at the U a few weeks ago. (Congratulations, Warren!) He dropped by the house (if you can call coming up our steep little hill "dropping") to give us the word that the OMCA will have an annual meeting and workshop on 12 and 13 September, 1973, at the New Ramada Inn, in Wooster, Ohio. The theme is "Mosquito Control Program at the Local Level" and covers federal, state and local news, appropriate programs at each level, survey and control techniques, including biological control and water management, and the protection of honey bees when chemicals are used.

Warren also kindly gave us some notes from a letter he'd had from DICK SCHROEDER, written last spring, which detailed some of the activity in that region of growing mosquito control. (Dick is secretary-treasurer and WARREN is Prexy-elect, ROY RINGS being President.) PEG PARSONS and DICK BERRY had been training men for Avon Lake, which was going into full mosquito control programming with ULV and all; Lake County likewise has beefed up its equipment pool, including a reserve aerial ULV capability.

There were 80 at their 1972 meeting, and that's mighty good; speakers included GLENN STOKES, HAROLD NEWSON, BILL JACKSON, GENE DEFOLIART, RUSS SIVERLY, GEORGE SHAMBAUGH and Prexy ROY RINGS. (Was he elected *before* or *after* he spoke, Dick? Aw, we know it was after.

OUR PREXY KEN KNIGHT WROTE TO TELL ABOUT THE JOINT MEETING OF THE VIRGINIA MCA AND THE NORTH CAROLINA MCA, which was held last April 11 to 13 at Williamsburg, Virginia. Ken kindly enclosed a xerox of VMCA's *Skeeter*, and its good he did because *we* haven't received ours *yet* from the Mail "Service." There were 123 registrants from 12 states and the District of Columbia and Ken told them about the great Houston meetings and to be sure to come to Anaheim (NOT "Disneyland"! ) next year for another great one. Other speakers included Dr. Edward Kuenzler of the U. of N.C., who spoke on his studies on the effects of ditching on high marsh

in North Carolina . . . he found that, overall, the effects may be pretty beneficial to the marsh life and not necessarily "bad for the environment" as so many loosely charge, though an impact statement is nevertheless needed just the same, of course. ROLLIE DORER, BOB LAKE, DAN JOBBINS, D. F. ASHTON, RALPH WHITTAKER, GEORGE SIMS and BILL BICKLEY were others on the program. Rollic remains Secretary-Treasurer . . . they know a good man when they have him . . . A. O. BENSON is Prexy, and VERN TIERNEY, M. R. GOODWIN and C. M. G. BUTTERY are 1st, 2nd and 3rd VP's respectively. (By the way, Rollic! *Skeeter* didn't say *who* the officers for NCMCA are?)

ANNE HUDSON, WHO WROTE US ABOUT THE BITING FLY SYMPOSIUM HELD AT THE UNIVERSITY OF ALBERTA, in Edmonton, in May 1972, writes to say that the Proceedings can now be obtained from BRIAN HOCKING of the Department of Entomology of that University. The full title is "Proceedings of the Symposium on Biting Fly Control and Environmental Quality" and *his* full title is Dr. Brian Hocking. Dr. Hudson says the fact that the proceedings are so long overdue is owing to "printer's lag," one of those sad facts of life with which we are all too familiar, I'm sure. Nonetheless, she thinks the papers will be of considerable interest to all who are concerned with biting flies, and we think so too. There's all too little in the literature as it is.

ROLLIE DORER (Hi, there, Rollic!) HAD SOME GOOD NOTES IN HIS May and June "*Skeeter*" . . . which we *did* receive. One thing he says: JACK DENT has jumped the gun on the Women's Lib people by hiring the first feminine mosquito source inspectors, a job held only by boys for the past 300 years or so. Captured the Public Attention, they did, as well as Public Acclaim, as they checked over 9,857 premises in the first three weeks or so. *Skeeter* also records that STUART McCausland has replaced CHARLES TATEM as Entomologist for the Bureau of Solid Waste and Vector Control, while CHAS has gone on to New Jersey and research with Chevron. Rollic says that WHO has published a two-part document on malaria, entitled, "Malaria Risk for International Travelers," and containing in Part 2 guidelines for minimizing the risks while travelling. They're available from UN Bookshop, in New York 10017. (60¢)

CONTINUING OUR INTEREST IN WHOSE MEETING WHERE . . . THE FLORIDA ANTI-MOSQUITO ASSOCIATION HELD THEIR 44th ANNUAL MEETING AT

"Panama City Beach." (When *we* lived in Quincy, just to the north, Panama City *was* a beach . . . JUST a beach. There are two of them now, like Miami? Golly. Well, it was a lovely beach.) The meetings lasted from 6 May through the 9th and what with researchers from the USDA, Vero Beach and various labs throughout the State, their roster of speakers was so distinguished it would be invidious to mention any selection of them. AMCA Prexy KEN KNIGHT wrote particularly to mention ANDY ROGERS' West Florida Arthropod Research Laboratory, which they had a chance to visit. It is dedicated to research on *Stomoxys calcitrans* (how many years ago it seems since SAM SIMMONS was pioneering that down there), *Hippelates*, etc. JOHNNY MULRENNAN was again congratulated for his Doctor of Science degree with which he honored the University of Florida. (J. DAN GORMAN is the new Prexy of FAMA and the next meeting is at Key West, for those of you who like Lime Pie and driving over the ocean in your car.) The subjects of the discussions ranged from cholinesterase to insurance and touched (need we add?) on both environmental pollution problems and the fuel "crisis." One paper intrigued us a good bit . . . "An Evaluation of Several Toxic Rubber Compounds as Mosquito Larvicides." If there's less gas, maybe there'll be *more* rubber . . . a renewable natural resource, too. Tell us more, A. H. BOIKE and C. B. RATHBURN!

THE SOCIETY OF VECTOR ECOLOGISTS HAD AN ANNUAL MEETING, TOO, AND SINCE SO MANY AMCA'ERS ARE MEMBERS, we'll tell you it was a big success. MARVE KRAMER is Prexy this year and EARL MORTENSEN is Prex-Elex. SVE is polling members on the idea of having professional standards spelled out, something ESA has notably failed to do all these years, with the lamentable results now evident in the USDA and USPHS. Of course, it wouldn't do for AMCA, but wouldn't you Managers like to know, right off, just what an entomologist *was* (and was expected to be) before you hired him? Sure you would.

LT. COL. MOUFFIED MOUSSA OF THE ARMY'S R & D COMMAND HAS SENT US A BEAUTIFULLY-BOUND AND ENTRANCINGLY INTERESTING-LOOKING MONOGRAPH on the Ectoparasites of Venezuela. It's the fruit of a lot of labor on the parts of many hands, among them such luminaries as VERN TIPTON, JIM KIERANS, DEANE FURMAN and the Smithsonian Venezuelan Project people. Published by the Brigham Young University Press and bound in *leatherette*, it makes a mighty handsome addition to one's library shelves. Of course, it's far more than pretty, if you're interested in mites, ticks, bat flies and fleas, as well as mosquitoes (and who among us isn't, these

days?) and discovering that the public is, too.

WELL, THE NATIONAL ACADEMY OF SCIENCES HAS COME THROUGH HANDSOMELY, WITH A BULLETIN IN AN ENTIRELY DIFFERENT MODE. It's entitled "Mosquito Control . . . Some Perspectives for Developing Countries," and is a report of an Ad Hoc Panel of the Advisory Committee on Technological Innovation, Board of Science and Technology for International Development, (breath), Office of the Foreign Secretary, *con resumen en español* and also *avec résumé en français*. Even with all that load, it manages to be practical and factual . . . and readable! Any developing country will be fortunate to have this to aid them. Like our own country, frinstance.

WILL THE REAL TONY BROWN PLEASE STAND UP? Because we've found a wee item in *Pest Control* that Dr. A. W. A. BROWN, who *was* with WHO, is the recipient of the first John A. Hannah Distinguished Professorship given by Michigan State University. He'll serve as co-director of their Pesticide Research Center. More news, please, Tony?

UNCLE HARRY STAGE WAS HONORED BY THE PACIFIC ORCHID SOCIETY ON HIS SEVENTY-NINTH BIRTHDAY with a dinner, a hand-painted silk tie (painted with an *orchid*, natch) and an orchid named "Coos Bay" in his honor by the Rod McLellan Co. of San Francisco, one of the world's largest orchid developers. The orchid on the tie was the same one, and the full name is the "Harry Stage of Coos Bay" but Harry didn't say that and we found out anyway. It was all written up in the papers. I bet you thought we didn't read papers out here in Ha-wa-ee, didn't you, Harry? Well, we'd sure like to have one to show OUR Orchid Society and Harry right along with it. The orchid has won awards all around the world and it's a green slipper *Phophiopedium* and very attractive by all accounts.

DON HILTON sends us a clipping from "The Times" (London? Where else? Did you know that *The Times* . . . at least the one we see on BOAC . . . doesn't even *say* on its masthead? wow). Anyway, the clip is via Agence France Presse, from Freetown, Sierra Leone, where on May 7 that country honored the mosquito . . . for making the country the "white man's grave" in the past and preventing Europeans from settling there! So much for controlling malaria. The clipping goes on to say that the President of SL created an Order of the Mosquito to reward acts of military or civil gallantry, whatever that means. Take back the AID thou gapest.

IF YOU DON'T GET AROUND TO READING YOUR ISSUES OF *Science* FOR WEEKS OR MONTHS AS WE

DIDN'T BEFORE WE "RETIRED" (we still don't, a month later) look in the stack for 22 June and read all about "Blood-Feeding Requirements of the Mosquito: Geographical Variation in *Aedes taeniorhynchus*." GEORGE O'MEARA and DAVID EVANS of the aforementioned Vero Beach lab are the authors and they made collections of mosquitoes in salt marshes from Flamingo, Florida, to New Jersey and even in the Cayman Islands and Puerto Rico. You'll have to read the paper; it has some very interesting dope on why autochthonous mosquitoes have the capability for autogeny.

A DOCTOR ROBERT TESH OF THE PACIFIC RESEARCH SECTION OF THE USPHS ADDRESSED THE HAWAIIAN ENTOMOLOGICAL SOCIETY RECENTLY (well, last spring) on "The Biology of Panamanian Phlebotomine Sandflies," and what he said was interesting not only because it gave word on these flies from an area some of us had never visited, but also because he discussed the possibility of transovarian viral transmission, something WE were totally ignorant of. We pricked up our ears at the name of one of them, *L. trapidoi*, which must mean our old friend, HAROLD TRAPIDO; his name-sake is one of the possibles. Papatacci fever, fortunately is not one of the possibilities, yet, but it's a start, isn't it? Do you suppose some of the evolution we're watching around us isn't going to be GOOD?

THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER LIFE SCIENCES DIRECTORATE HEALTH SERVICES DIVISION HEALTH APPLICATIONS OFFICE (breath) publication MSC-07644 is entitled, "The Use of Remote Sensing in Mosquito Control." Did you get your copy? Even if you didn't understand it and weren't interested, it would fascinate you for its color pictures. It discusses, besides mosquito control, the special techniques like arbitrary color assignment, which is something that we, being a Sunday painter of sorts, found utterly incomprehensible. We mean, a color is a color, isn't it? Unless you're color blind. Well, no, it isn't, not always. The arbitrary bit suddenly makes things visible and maybe Paul Klee isn't crazy. GEORGE CARMICHAEL sent us the bulletin and was deeply involved in the work. And damn fine work it is. "Exciting, pioneering, trail blazing" is by no means hyperbole, in our estimation and we hope they carry it on and that we will have the pleasure of reading the results. If it doesn't lead to a revolutionary and more precise form of surveillance, (as well as one that's more widespread than would otherwise be possible) we're no prophet.

WE WROTE GENE GERBERG A SASSY NOTE ABOUT HIS CHANGING HIS BIOQUIP COMPANY'S NAME TO AMBI (American Biological Supply Company, for short) and he came back with a catalogue and

a list of errata for same with a wee pome attached.

"To err is human—to forgive divine  
But what do I do when the errors are mine?"

Shux, Gene. Try writing a colm and see how many errors get all the way to the printer past a sequence of proofreading!

CALVIN ROGERS HAS BEEN APPOINTED MANAGER FOR THE SAN MATEO (CALIFORNIA) M A D ACCORDING TO A LETTER FROM DICK MAYNARD; CHARLES HANSEN is the new Assistant. They replaced DON GRANT who created the District in its present form and set the high-calibre activities on their way. Don retired for health reasons amid the regrets of his Board and many friends, who remember his long years of service both in the CMCA and AMCA. Don is so unusually husky that it is hard to think of him working *too* hard for all that energy and strength but one *can* do it and that's what Don did. We know he's finding many activities, anyway, and hope he'll take things a *bit* easier. On the basis of our month of experience, we know you *can* ease off a little. Pulling weeds and watering may tire you out but they're not nerve-racking. Hurray, Don! We're out of the Rat Race! (It says here.)

WE FORGET TO SAY THAT LT. COL. GENE GERBERG HAS BEEN AWARDED THE "A" PREFIX ONTO HIS M O S, 3315, WHICH IS A HIGH HONOR and not given to everyone. (The Army Reserve Magazine noted this *last* September but we didn't read *that* until *now* . . . we're retired there, too.) Gene is MOB DES at the Medical Field Service School, which, as we told you last time, is now the Academy of Health Sciences at Ft. Sam. The Surgeon General said, in awarding the A, "Few officers demonstrate the outstanding qualifications and exceptional ability which are the basis for this award." (We give *one* free ad, Gene. FRANK CREADON will send you a bill for this one.)

ANOTHER AD . . . THE TERRA SOCIETY IS SEEKING MEMBERS (\$12.00) TO HELP ITS GOOD WORK OF TRYING TO KEEP THE PERSPECTIVE STRAIGHT ON THE ENVIRONMENT. Their current publication, sent to key segments of the scientific community, conservation groups, industry and government, has fine articles on pesticides by Herbert Stokinger, Richard Douth and Wayland Hayes.

JOHN BRAWLEY WROTE TO TELL US OF PETE PANGBURN'S RETIREMENT and though Pete was not an AMCA'er, he was known to many, particularly those of us in the San Francisco Bay Area who watched the gradual but by no means natural decline of the salt marsh mosquitoes which once made outdoor life unthinkable in that region. Pete's real name is Howard C. Pangburn, and he

started out 42½ years ago, after having been born to a pioneer Suisun Valley family in the very area he was later to make so mosquito-free. He moved to LA when he was 11, but wasn't to blame for that and came back as soon as he could. He started picking pears for 25¢ an hour before going to work for the newly-formed mosquito abatement district in 1930, for 50¢ an hour. (WE picked apricots in Banning for \$3.00 a 12-hour day, six-day week, Pete, but we're YARS older?) Pete worked his way up through the chairs to Manager in 1940 and having got into clear sailing on salt marshes, with ditching, clearing, fish and all, ran spang into the era of irrigated pasture problems. He and EMBRY METZGER, who was his ever-ready entomologist and his successor, helped us in the Navy with a *Leptoconops* problem that wouldn't quit, by letting us irrigate acres and acres, thus making *their* problems worse! We call that friendship. The community called him a great guy in many ways and dashed his hopes of a quiet fading away, by throwing a big bash to which several hundred people came to pay him tribute and give him gifts, including a trip to Hawaii, camera, luggage, ticket to the Hula Show, wardrobe for our tropic isles and an inscribed watch (NOT appropriate for Hawaii, we may add, but useful otherwise.) Warm good wishes, Pete!

FRED ROBERTS AND HIS ALAMEDA COUNTY (CALIFORNIA) M A D REPORTED THAT THEY HAD REASON TO BELIEVE IN THE POWER OF THE PRESS WHEN THE MEDIA (including TV) turned on about the threat of encephalitis last spring. The warning was meant to inform people as to the reason for increased surveillance of the mosquito vector (*Culex tarsalis*) in the interior valleys but people took to the phones in unprecedented numbers to complain about their backyard breeders and a record number of house calls (to show the folks where they were causing their own problems) was required. *Incidentally!* . . . a careful analysis of this report indicates that Fred worked more hours than *anybody*—even his SECRETARY! This will never do, Fred. Never.

GEORGE THOMPSON'S JEFFERSON COUNTY (TEXAS) M C D DIDN'T HAVE TO EXPLAIN TO HIS CONSTITUENTS WHY THEY HAD A BIG SURVEILLANCE PROGRAM since they still have pretty fresh memories of the Venezuelan encephalitis scare. The surveillance was thorough, though, and informative and they made a number of virus isolations (none of VEE) which will be a good fund of knowledge for future years. You-all Nawthenuhs will be interested to learn that among the festivities for which George and his crew provided mosquito protection was a *Craw-fish Festival*. Those who have been in Louisiana and Gulf Coast

Texas will have no difficulty empathizing with that!

OUR NEW ADDRESS, BY THE WAY, ALL YOU NOTES-FROM-ALL-OVER GATHERERS, (it's just our OLD residence address) is: 763B Aalapapa Drive, Kailua, Hawaii 96734. Be careful to get the B after the number and that extra A in Aalapapa (ah-ah-la-papa); our postmen out here are real good natured and friendly and they TRY to find places . . . which the Postal "Service" won't do nowadays generally . . . but they could miss. And remember, it sometimes takes WEEKS to get an airmail letter out here! ALOHA!

THANKS TO ALL YOU GUYS AND GALS WHO HAVE WRITTEN DON COLLINS TO CHEER YE ED UP A BIT DURING HIS LONG ORDEAL AND TO THOSE OF YOU WHO HAVEN'T . . . GET ON THE SCHTICK! Anyone who's had a long illness knows how important mail is. (We broke our back years ago and spent 20 weeks strapped down to a bed, so we kind of know.) And don't think that editing articles is any substitute . . . it isn't. Even if he enjoys doctoring those manuscripts, and he's always claimed he did, getting nice, inconsequential, chatty, letters is *different*. And you don't have to be literary. Even a postcard. "Picture of our local Park, complete with mosquito-breeding pond in lower left. We keep busy!"

#### POSTSCRIPT . . .

IT IS WITH A HEAVY HEART THAT WE TYPED THE FOREGOING AND WITH A HEAVIER ONE THAT WE TYPE THIS. We felt like the Court Fool, reporting notes from all over in what we tried to make a light tone, not wishing meanwhile to let our concern pass under Don's watchful and modest glance. Now that he is gone, we can only feel immensely sorry for ourselves, having to go on without him, not only as Ye Ed but as a stalwart and unflappably wise AMCA'er and a presence in our thoughts labelled "Friend, worthy."

Over the years Don eliminated from our copy so many passing references which were complimentary to him and allowed us to report only the most outstanding accolades of the many he received, and then, we think, begrudgingly, so great was his modesty. He did not even like to have one refer to the way in which he had built up *Mosquito News* into a world-recognized scientific and practical Journal, though he was not averse to a small feeling of pride that this is so. Those who are taking over, capable as they are, will have a high mark to aim for. We have no doubt that they will succeed. It will be a continuing memorial to Don. We are grateful that death cannot remove our warm memories of him.