

## NEWS AND NOTES

Austin W. Morrill, Jr.

WELL, WE'RE STILL AROUND BUT FEELING SORT OF FLAT AND WE'LL TRY NOT TO BE ELLIPTICAL! Though we'd set them carefully aside, we only just barely rescued the *notes* for this N & N from the movers as they were going out the door and we'll just hope we got them all and apologize if we didn't.

BECAUSE IT STARTS SEPTEMBER NINTH AND WE ONLY YESTERDAY RECEIVED THE NOTICE, we'd like to tell you first about CDC's two courses in *Epidemiology and Control of Vector-borne Diseases*. Part 1, basic, starts 9 September and runs through the 20th. Part 2, advanced, starts the 23rd and runs through the 27th. We know you're all *advanced*, so, if MN gets out as hoped, maybe there's still time for you to go. Better phone or wire Dr. DICK DARSIE, though. Of course, it's probably filled, but you can get on the mailing list for the *next* one, see?

THE USDA ANNOUNCES "WITH RELUCTANCE" . . . AS WELL THEY MIGHT . . . THE RETIREMENT OF KNIP KNIPLING on 28 June 1974, after more than 43 years of service. Knip plans to spend several days each week during the rest of the year completing his book to be entitled, "The Basic Principles of Insect Population Suppression and Management." However, he says, this will *in no way* prevent him from going fishing. Bravo. USDA invited all who knew Knip to write a letter for his retirement book and we wish we'd received their letter in time to do so but as we didn't we'd like to here. We can't rehearse all the splendid pieces of work Knip has done that we knew of directly and can only say we wish *our* 43 plus years had been as productive as his. Or half as. We first met Knip sitting on the floor in a room full of people and boxes and things, being briefed on the forthcoming expected research on DDT to be carried out in the laboratory in Orlando. Since that time Knip's quiet-voiced briefings on many subjects he has pioneered have kept us often satisfyingly informed on developments of great importance not only to us, or not only to military entomology but to the world. (A side benefit not to be sneezed at has been the ability to know what we were talking about, rudimentarily, when asked questions at dinner parties about stories concerning Knip which have come out in *Time* and *Newsweek* and *Science*, and all.) So, all the best in the world, Knip . . . and may you find all the fish you want in a thousand streams!!

A CENTENNIAL CELEBRATION OF THE GRADUATION OF JOHN HENRY COMSTOCK WILL BE HELD AT CORNELL UNIVERSITY on 14 and 15 October 1974,

a letter from ROGER MORSE informs us and while few of us now alive had the opportunity some of our fathers had of studying under Comstock, few of us failed to be exposed to his monumental book. Those who can get to Ithaca on the "Ides" of October will no doubt find the sessions pleasant and rewarding and we urge you to try.

AND FOR ONCE WE GET A NOTICE OF A MEETING FAR ENOUGH IN ADVANCE TO TELL YOU USEFULLY: THE AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS is sponsoring an international symposium on livestock wastes (that means manure) to be held during 21 to 24 April 1975 at the University of Illinois, in what they're now calling Urbana-Champaign. Like Pully-Fuisse. This ought to be of interest directly to those of you who have flies to worry about and peripherally to you purely mosquito types, too. For more information write to ASAE, Box 410, St. Joseph, MICHIGAN 49085.

ANOTHER SOCIETY OF TANGENTIAL INTEREST TO ALL MOSQUITO CONTROLLERS IS THE NATIONAL PEST CONTROL ASSOCIATION. It has moved from Elizabeth, New Jersey, where it was for so long established, to the Washington, D.C. area. Their address now is 8150 Leesburg Pike, Vienna, Virginia 22180, where the Big Computer lives.

BIG COMPUTER'S LITTLE BROTHER, INCIDENTALLY, LIVES IN ALBANY and we have MARGARET SLATER'S prayerful word for it that if you notice anything funny for the next couple of issues, Little Computer will learn, given a bit of time. Don't bother to write . . . Margaret's spotted it, don't worry!

THE AMERICAN SOCIETY OF TROPICAL MEDICINE AND HYGIENE will hold its 23rd annual meeting at the Princess Kaiulani Hotel during 2 to 6 November 1974. The Princess K stands on the site of the house she lived in when Robert Louis Stevenson sat under the banyan tree reading to her and composing his famous poem about her. She grew up to be a *beautiful* young lady, as you can see by her portrait in the lobby, but, alas, didn't live long. Across the street is the Moana, which was built by King Kalakaua when he conceived the idea that the Royal playgrounds of Waikiki would make a splendid tourist attraction if he could get rid of the mosquitoes, then newcomers to the Isles. It took a while to get rid of the mosquitoes and we're afraid some people wish they'd come back! But y'all come anyway!

PEDRO GALINDO HAS BEEN ANNOUNCED AS THE NEW DIRECTOR OF THE GORGAS MEMORIAL LABO-

RATORY succeeding Dr. MARTIN YOUNG, who is retiring, and we know that all who have worked with Pete in malaria control and the multitudes who have known him only from a respectful distance share in the pleasure of this announcement and wish him long life and happiness. We know the success need not be wished for. Dr. Young has done a great job of furthering the scientific programs of the Laboratory in the tropical Americas and, as Deputy, Pete has had no small hand in this. He has also been a leader in encouraging the work of young Panamanian scientists and in inspiring them to advanced work in their fields.

WHEN YE ED SENT US A PROPOSED PAGE OF INFORMATION FOR CONTRIBUTORS BY WHICH HE (ALSO PRAYERFULLY) HOPES TO REDUCE EDITING TIME AND THUS EXPEDITE PUBLICATION, what we noticed was that the AIBS information page, used for comparison, has as an example of proper use of footnotes "Dethier, V.C. 1947." VINCE's friends will think this a fitting notoriety.

OUR INDEFATIGABLE EXECUTIVE SECRETARY HAS SENT US TWO BITS OF MIGHTY VALUABLE REFERENCE MATERIAL WHICH REALLY OUGHT TO BE PRINTED IN *MN*. One is a list of meetings of AMCA (and its parent Association of Mosquito Control Workers . . . well, all right, EASTERN Association), where and when they were held, who hosted them and who was elected President. It's a fine retrospective of a long and honorable (and still ascending) career. Because we're a newcomer and didn't get in until the *tenth* meeting, we find it particularly interesting. Dr. Thomas Headlee, who was Mr. New Jersey in entomology, was the president for four terms in a row, possibly the Roosevelt influence, and several others were rung in twice. The other paper Tommy sent, which went to the Committee members, is a list of the duties of the Committees, as set forth in the bylaws and in precedent. You know, we've been on and even chaired committees for ESA and other Societies where NOBODY knew what our duties were.

ROSS ARNETT'S *INSECT WORLD DIGEST* continues to flourish with more and more splendid illustrations and to be supplemented by his Biological Research Institute's *Progress Report*. One of his Associate Editors is, by the way, GENE GERBERG.

ROY RINGS WROTE TO US RECENTLY ABOUT AN ADVISORY BOARD MEETING OF THE TOLEDO AREA SANITARY DISTRICT which he attended. At the meeting, DEAN KNOPP was promoted from Superintendent to General Manager of the District and WILFRED SHARP was appointed as the new Super. Dr. Rings is entomological consultant.

MARGARET PARSONS HELD A MOSQUITO CONTROL SHORT COURSE 18-22 MARCH IN COLUMBUS OHIO, which ROY reported was very successful and we're sure it was. Forty-eight students attended

from Ohio, Michigan, Indiana, Pennsylvania, Georgia and the Canal Zone. The course covered the subject so completely that it would take a page to list the separate items discussed, but they ranged from biology to safe application techniques and proper care of equipment, including by-the-way the relationship to water management, public health aspects and public relations in the educational sense. Peg also reminded us that the Ohio MCA meetings will be held 24-5 September, 1974, at the Delphian Motor Inn in New Philadelphia, Ohio.

EARL MORTENSEN WAS INSTALLED AS THE NEW PREXY OF THE SOCIETY OF VECTOR ECOLOGISTS at their annual meeting in January at Fresno (California). Earl succeeded MARY KRAMER and will in turn be followed next year by ROY EASTWOOD. The 1975 meeting will be 9 and 10 January in Paso Robles (also California). JOHN SHANAFELT, who sent us this news, also sent us a *joak* he didn't tell at Anaheim so we'll pass it on, if we may. Seems that when Moses was leading the Israelites out of Egypt and the Egyptians, then as now, were causing trouble along the Suez Canal, Moses turned East toward the Sinai but faced the Red Sea across the path and besought God to help him. God said, "On that, I have good news and bad news. The good news is that I will make it so that by raising your staff you can cause the waters to part. The bad news is this: First, you must file an environmental impact statement!"

WE GUESS YOU'VE ALL SEEN THE ANNOUNCEMENT THAT ESA NOW HAS A KIT FOR MEDICAL ENTOMOLGY STUDENTS consisting of cassette lectures prepared by Brigham Young University and available from VERN TIPTON of the Entomology Department there. In addition to VERN, AMCA's PAUL RICE, BRIAN HENDERSON, AL RUDNICK, KARL JOHNSON, BRUCE FRANCY, DAN SUDIA, CHARLES WISSEMAN, HARRY PRATT, RICHARD BEAUDOIN, DUANE GUBLER, HUGO JAMNBACK, HAROLD SCOTT and GEORGE CRAIG were lecturers in the series.

STAN CARPENTER CONTINUES HIS VALUABLE STUDIES ON THE SIERRAN MOSQUITOES with a paper in *California Vector Views*, entitled "Mosquito Problems in the Lake Almanor Recreational Region." This is not as parochial as it may sound, of course, as those of you in northern climes will recognize, since some of the worst of the Arctic and sub-Arctic species follow around the climate curve and wind up in the Sierra.

YEARS AGO IN JAPAN JOE WEBB AND SAM DEWS FOUND THAT CEMETERY VASES WERE A RIPE SOURCE OF MOSQUITOES, both *Culex* and *Aedes* and, of course, they've been a problem in this country, too. LEYBURN LEWIS and DARRELL CHRISTENSON of the Fresno USDA Man and Animals Lab carried the thing a big step farther, though. Not content with the coated sand, plaster of paris pellet and similar routines, they tried putting a

screen over the vases . . . a COARSE screen.  $\frac{1}{2} \times \frac{1}{2}$  mesh, in fact. What do you know? *Culex pipiens quinquefasciatus* won't lay their egg rafts in vases with the hardware cloth grids. They won't lay 90% of them even when the grid is a quarter-inch larger. The observant investigators point out, too, that the vase owner gets a bonus: the flowers stay arranged better! All this merited a write-up in USDA's *Agrisearch Notes* and, we think, merits a hand from all of us.

CLAUDE SCHMIDT, WHO IS NOW DIRECTOR OF THE DAKOTA-ALASKA AREA (!) OF ARS wrote to say that the joint meeting of the North Central Region of AMCA and the National Mosquito Control-Fish and Wildlife Management Coordination Committee, hosted by the Illinois MCA was held 25 and 26 March at the Sheraton O'Hare South, which sounds like a combination hotel and discotheque but the meetings were a great success. Only sad thing was the absence of CHAPPIE CHAPMAN, who was in traction with a bad back. Having one yourself, we are mighty sorry about this and trust Chappie is now all better, which we hear in a roundabout way, he is. (Take care, Chappie!)

MEANWHILE DOWN AT WRIGHTSVILLE BEACH on 10, 11 and 12 April, the Virginia MCA and the North and South Carolina MCA's had their joint sessions. (Looks as if The War may be over at last . . . SC and Va didn't used to speak and neither of them spoke to North Carolina!) During the three-day sessions, nine talks were given, two panels were convened and equipment was shown and discussed. The talks were of the usual high level one has come to expect from these notables and ranged from the ever-present environmental impact statement to fungal control of mosquitoes by *Coelomomyces* and *Lagenidium*, the latter of which may be grown *in vitro*. Our Correspondent says the whole thing was both enjoyable and stimulating, which we would have known.

WE THINK THE ENVIRONMENTAL IMPACT STATEMENT THING IS SORT OF SETTLING DOWN NOW and becoming more rational and, for that matter, effective. The Ecology and the Environmental "Movements" seem to be slowly moving back into the hands of the real ecologists and those who know something about the environment and out of the control of the hysterical Instant Ecologists and Love Our Vital Environmentalist types. The improvement began, of course, when BILL UPHOLT and BILL MURRAY and BILL WYMER joined EPA (wonder if there's something *about* that name William?) and JOHN OSMUN came in and now it is continuing with the addition of DALE PARRISH and HARLAN FOWLER who have fled the Pentagon and the Forrestal but may find the EPA building just as labyrinthine. Nevertheless, there're enough of them now to sort of *join hands* when the waves roll in and we wish them

every success because we love them as well as the environment and we do need them.

FRED ROBERTS QUITE JUSTIFIABLY CROWS OVER THE FACT THAT HIS ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT (California) received only *two* service requests over the grey salt marsh mosquito, *Aedes squamiger*, once the scourge of the Bay Area at this time of year (that was in the spring). Reduced to manageable levels, this mosquito had horrified all by displaying a resurgence in 1972, now happily repulsed. The winter marsh mosquito, *Culiseta inornata*, was also kept to low levels and the tree-hole breeder *Aedes sierrensis*, once common but given its marching papers by the filling program initiated by CHET ROBINSON, was this year virtually nil. Altogether a good spring and we hope it continued all through the summer.

THE MOVED UP DEADLINE COMMANDED BY THE FOREMENTIONED *LITTLE COMPUTER* HAS MEANT THAT THE NEWS AND NOTES WHICH USED TO REACH US ONLY TWO DAYS AFTER THE DEADLINE, NOW COME IN OVER TWO WEEKS LATER . . . and (sob!) that's TOO late. So please, dear readers, DO send in news about yourselves but if its *meetings* send it to us *airmail* TWO MONTHS before the issue date. OK? (But don't just give up and stop sending!!!)

TED CROVELLO HAS SET UP IN HIS DEPARTMENT OF BIOLOGY AT NOTRE DAME AN INFORMATION RETRIEVAL SYSTEM CALLED MODABUND which you might think was a Newspeak kind of Modern Club for Germans but is an acronym for Mosquito Data Bank of the University of Notre Dame. See? As the name implies, it's concerned solely with mosquito data and TED says that until he started on the project some five years ago he had NO IDEA how much of it there was. He soon found out, as have a good many before, eh, HELEN? But he manfully persevered and has amassed a stupefying number of references which you can have researched. Following much the same format as HELEN SOLLERS-RIEDEL's classic Bibliography, and with references ranging from a low of 10 to a high of 2465, the readouts will cost from \$10.00 to \$25.00 but mostly \$10. The total cost for all 33,974 references, printed by Author or by Subject and then Author, is \$350.00 or about 1¢ per reference. Full details may be obtained by writing Ted, Vector Biology Laboratory, Department of Biology, University of Notre Dame 46556. Monumental, Ted!

LANCE SHOLDT WROTE US IN PLENTY OF TIME FOR THE OLD DEADLINE TO SAY THAT NAMRU-3's offspring in Ethiopia is now a full-fledged NAMRU-5, with the address "NAMRU-5 ETHIOPIA, APO New York 09319. Dr. VERNON LEE, formerly of the Rockefeller Foundation unit in Nigeria is heading up the Arbovirus Section of the Entomology Division, having arrived some

eight months ago. Lance added that he reads us before the heavy stuff and says that's like reading the comics first in the Sunday paper. (!) Well, even a left handed compliment is better than NO compliment, and we know what you mean, Lance.

And love it. He says that that way he knows what the *people* in mosquitoland are doing, even if not the mosquitoes.

AND NOW A SECOND FAREWELL ALOHA. . . . !

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## OBITUARY

### Brian Hocking

1914-1974

Brian Hocking was a remarkable entomologist and at the same time an original thinker. He will be missed by colleagues throughout the world. Brian was born in London and received his B.Sc. degree with honours from the Imperial College of Science and Technology. Later he was awarded the Ph.D. by the University of London. His thesis was "The Intrinsic Range and Speed of Flight of Insects," generally considered a genuine classic.

Brian was associated with the University of Alberta from 1964 until the time of his death. He made important contributions in the fields of insect physiology, ecology, and behavior. He was recognized as an outstanding teacher, the founder of the journal, *Quaestiones Entomologicae*, and the author of several semi-popular books such as "*Six-Legged Science*." He was an extremely productive researcher on the biology and control of biting flies in Canada. In the late 1940's he was among those who made fundamental studies on mosquitoes at Churchill, Manitoba. Later he worked on onchocerciasis and its black fly vectors in the Sudan and on the filariasis problem in Rangoon, Burma.

Professor Hocking was active in the affairs of a number of professional societies, including AMCA.—William E. Bickley

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