

## NEWS AND NOTES

THE SEMINAR ON FOGS AND MISTS, held on 29 and 30 September and 1 October, in Toledo, was a thoroughgoing success. Twenty-three papers were presented before a gathering of 107 persons, gathering which included 10 new members. Exhibits were displayed by 12 firms and a demonstration of fogging and mist blowing machines was made by the Silver Creek Precision Corp., Microsol, Todd Shipyards Corp. (TIFA), Buffalo Turbine Agricultural Equipment Co., John Dean Division of the Food Machinery and Chemical Corp. (Rotomist), Curtis Automotive Co. (Dynafoag), Hardie Mfg. Co. (Aeromist), and Liver Corp. (Iron Age), Concession Supply Co. (New Jersey Light Traps), the Bell Telephone Co. (Car telephone systems), and the Willys Motors Co., (Jeeps), displayed and demonstrated their products. The demonstration of equipment was made at the shops and offices of the Toledo Area Sanitary District, where their nearly perfect arrangements for storage and care of equipment and materials, for charting of work areas, briefing, lockers and showers and other essential facilities, were also on display before the admiring and sometimes envious members of the Association.

Under the chairmanship of P. B. Brockway, Jr., of Toledo Area Sanitary District arranged a month-running program which could not have been bettered. The program included also the usual banquet, which was made unusual by a speech from Mr. Grove Patterson, editor of the famed *Toledo Blade*. The names of the six members who had come the farthest were also read: Dr. J. Mel Williams, of Sarasota (if you don't know where *that* is, we won't tell you!), Dr. I. Gerry of Chatham, Massachusetts, Mr. Oscar Poane, Sr., of Hyannis, Massachusetts, the easternmost point to be represented, Mr. Thomas J. Lynch of Northfield, Illinois, Mr. E. J. Stansfield of Winnipeg, Canada, and Dr. D. J. Peterson of Ottawa, Canada.

HARRY H. STAGE, who is still energetically assaulting the mosquitoes in Viet Nam, and expects to continue there a good while longer, he says, sends us his latest publication, "Clef pour détermination succincte des Anopheles femelles Indochine." Published this year in collaboration with M. Paul Martin of the Institut Pasteur, the bilingual keys look like the sort of thing which field workers anywhere would find highly useful. It is illustrated with diagrammatic pictures of the mosquitoes on which the characters are shown somewhat broadly but unmistakably.

THE EIGHTH NAVAL DISTRICT held another of the Navy's excellent Pest Control Conferences on 13 and 14 October at the Naval Air Station Corpus Christi, Texas. Sponsored by Lt.

Gordon W. Warner, MSC, USNR, who is OIC of the Preventive Medicine Unit at NAS, the program also featured talks by George W. Hutton, of BUDOCKS. (These letters will be unscrambled upon request.)

CALIFORNIA VECTOR VIEWS for September (Vol. 1, No. 3) contains a two-page article on "Arthropod-borne Encephalitis in California," which should be of interest to those who spend their days trying to eradicate *Culex*. "The mosquito, *Culex tarsalis*," says the article, "has been implicated as the major vector in California. It is considered the vector of both the Western and St. Louis viruses. The evidence pointing to *C. tarsalis* includes numerous isolations from naturally infected mosquitoes, the feeding habits of the mosquito, the seasonal peak of the mosquito population which corresponds to the peak of human illnesses, and the disappearance of the disease with the disappearance of the mosquito. The mosquito is apparently unaffected by the virus which evidently requires high temperatures for its development."

IN THIS CONNECTION, THE ALAMEDA COUNTY MOSQUITO ABATEMENT DISTRICT reported in September and October that the level of several culicines, including *C. tarsalis*, remained low, despite the fact that the usual trend is upward at this time of year. Harold Gray, Engineer-Manager of the District, adds that early flooding of duck clubs presented a number of problems but that all have been handled reasonably satisfactorily. He writes, "Our general policy of putting the responsibility for mosquito production on the duck club operators is working more effectively each year. . . ."

FROM THE SUPERVISOR OF ONE OF THE ARMY'S CORPS OF ENGINEERS INSECT AND RODENT CONTROL units comes a couple of jingles on mosquito control which he offers as additions to the rhymes published in previous issues. Modelled on and following the famous quatrain on the beetle *Dendroctonus*, they are as follows:

A real cutie cut-up is *Culex*  
Who's dying to give you a buzz.  
Snobs think her a pest  
Or a nuisance at best  
But she'll kill you, the things that she does!

Now, this here's the mosquito *Anopheles*  
Who deals us a slug of malaria.  
She sticks in her bill  
And gives us a chill  
To teach us we oughta be waria.

IN THE AUGUST REPORT ON MALARIA CONTROL ACTIVITIES IN LIBERIA, GEORGE BURTON writes

that the rains were drawing to a close and spraying, which had been completed for the second time in Monrovia, was expected to be carried outside the city as soon as the weather permitted. "For the first time since the residual spraying program began in September 1953," he adds, "no anopheline larvae were found in Monrovia proper during the month. . . . Adult anophelines were found only in 3 huts out of the 221 huts checked, or 1.3% positive. These were on sprayed mud walls. Culicines, however, were found in 56 huts, but 9 of these had the adults on bed nets only."

AMONG THE MEMBERS LISTED IN OUR WHO'S WHO IN THE AMERICAN MOSQUITO CONTROL ASSOCIATION, there is one who has been a member since 1945, who is Professor of Zoology and Entomology at his University, who was President of the AMCA in 1951-2, arranged the entertainment at an outstanding meeting held in recent years in his home town. He received his B.S. from the University of Utah in 1926, his M.S. in 1929, and his Ph.D. from Stanford in 1936. He was engineer and supervisor of the Salt Lake City Mosquito Abatement District from 1930 to 1937 and has been a member of the Board of Trustees since that time. He is a member of Sigma Xi and Phi Sigma, and of numerous other scientific associations and societies like our own. He is author of numerous papers on the taxonomy, biology and control of mosquitoes. Who is he? We give you . . . Don M. Rees.

ANOTHER DISTINGUISHED MEMBER FROM OUR ROSTER is Associate Professor in Insect Physiology, especially those phases related to flight and sensory activity. He graduated from the University of London, England, in 1937 with an Associateship in the Royal College of Science. From 1938 to 1946 he was in India teaching and doing general scientific work which culminated in what he modestly describes as "applied entomology" for the armed forces in South East Asia. After receiving his M.S. at the University of Alberta in 1948, this member proceeded to spend a good deal of his time in the Arctic. He is a member of the Institute of Biology, the Royal Photographic Society, the Arctic Institute of North America and the Canadian Entomological Society and has been a fellow of the Royal Entomological Society

since 1951. His name? Brian Hocking, of the University of Alberta and the Northern Defence Laboratory at Ft. Churchill, Manitoba.

ARCHIE D. HESS, after two productive years in the Philippines, who parted with him reluctantly according to information from that country, now to be addressed at U. S. Public Health Service, P. O. Box 334, Logan, Utah.

"THE VIRGINIA BEACH—PRINCESS ANNE COUNTY MOSQUITO CONTROL COMMISSION," were informed by the V.M.C.A.'s "Skeeter," "ventured an innovation this year that seems to have been very successful. Instead of preparing the Annual Report in the usual pamphlet form, the took a full page in the weekly Virginia Beach paper, the 'Sun-News,' and with the hearty cooperation of the editor, printed matter, figures and pictures were skillfully grouped to create the most attractive 'spread.' It was felt that the method of submitting a report would much more nearly reach every interested party and comment seem to verify this belief. If you are interested ask the Virginia Beach *Sun-News* for a copy of their issue for September 9 and judge the result for yourself."

THE VIRGINIA MOSQUITO CONTROL ASSOCIATION also reports that the town of Bedford had a very bad plague of mosquitoes this summer, despite the dry weather which many folks feel *should* mean no mosquitoes. Seems they were breeding in sewage polluted streams which in wetter seasons are kept flushed. In dry weather, the pocket and breeding is abundant.

THE CITY OF HOLLYWOOD, FLORIDA sends us press release which indicates alert activity among their mosquito control personnel. "A new part of this city's mosquito control program," they write, "is a 26 foot, flat bottom craft which mounts a fogging machine.

"The craft is especially constructed so that it can move through swampy areas getting the fogging crew and machine into mosquito breeding grounds that were heretofore inaccessible.

"The boat is powered by a 60 horse power inboard engine and cost \$1,900. When it is not being used for mosquito control work the boat will be used for rescue work and to patrol the inland waterway to keep boats from speeding.