conditions and problems in the various urban and suburban areas of the State. The meeting was a special one of the Associated Executives of Mosquito Control Work in New Jersey, but invitations were extended to all in the A.M.C.A., North Atlantic Region as well as others in the East. The attendance was, of course, dominated by the New Jersey group, but representation from neighboring States and the Military was good. In all, 42 individuals registered.

In the morning of each day, the group met at the new Mosquito Laboratory at Rutgers, and then travelled by automobile cavalcade to the field inspection sites. On the 17th, the Bergen County Mosquito Extermination Commission was host in the morning, and Vernon Conant and Harold Struckman competently demonstrated and described the complex mosquito problems which arise in a highly developed industrial and urban area.

Middlesex County was visited in the afternoon, where Harry Smith guided a tour of the Raritan Arsenal, and told of the attending problems of a military installation being returned to civilian use.

Dr. Bailey Pepper opened the evening session at the Rutgers Mosquito Laboratory with a welcome to all, and a discussion of the present and future projects of the State Mosquito Control Commission. A brief description of research at the laboratory was given, and a tour of the building was conducted, by Manley Jobbins and staff.

A two-hour discussion was held following development of an agenda on the basis of questions raised. The principal items covered were: (1) small units for catch basin spraying and the chemicals used (2) experimental chemicals proving advantageous as residuals in pre-season applications.

Slides of tracked vehicles were presented, and Robert Armstrong introduced a general discussion on the *Culex* complex and identification needs.

The session concluded with questions and answers on formulations of chemical insecticides.

At 9 a.m. on the 18th, the group left New Brunswick and journeyed to the Monmouth County Mosquito Extermination Commission headquarters where the new facilities were inspected, and a demonstration of a tracked marsh vehicle viewed.

The afternoon trip included a stop in Ocean County, where specialized marsh cranes and vehicles were demonstrated by Walter Henderson and staff, and a visit to Earl Potter in Burlington County where salt marsh and State Park mosquito control problems were examined.

The theme of mosquito control in a changing environment was aptly demonstrated in the Garden State in just a brief span of two days and a few hundred miles. A word of praise for dedication to all those participating should be given inasmuch as the thermometer remained in the very uncomfortable (for New Jersey) 95–100 degrees range.

REVIEWS AND ABSTRACTS

HELEN LOUISE DURKEE

RADIOISOTOPES AND IONIZING RADIATIONS IN ENTOMOLOGY. International Atomic Energy Agency, Vienna; Bibliographical Series No. 9, 414 pp. 1963. Abstracts of 1577 papers are given, and are summarized by an index according to species of insect, type of radioisotope or radiation, and type of study. Two columns of the index are devoted to mosquitoes. An appendix table lists all the radioisotope studies on mosquito dispersal, mostly with P^{32}; this table was prepared by D. W. Jenkins for the Bangkok conference of the IAEA in 1962. The reader will find the references for irradiating *Anopheles quadrimaculatus* and *Culex fatigans* for sterile-male releases, and the radiation-induced mutants of *Culex fatigans, C. pipiens* and *Aedes aegypti*. Work with radio-labeled insecticides is summarized, along with an appendix table on their synthesis prepared by T. L. Hopkins for the Bangkok conference; there is also a section on radio-assay techniques. The compiler, Mrs. M. Binggeli, has produced a very useful source book, although the misprints of a non-English typesetter are rather frequent, and some articles are abstracted twice. The price is $8.00, available from the National Agency for International Publications, Inc., 801 Third Avenue, New York 22.—A. W. A. Brown, London, Canada.