problems involved, and to stimulate the interest of the reader. These purposes are achieved in a very satisfactory manner.

The book is written in a very readable style. The author draws heavily on the many important investigations conducted on the general subject by himself and coworkers. The advanced student may wish that the author had made a more exhaustive coverage of the subject and provided a more complete bibliography, but this was not the purpose of the lectures.

The book will be of inestimable value to all students of the plant sciences, whether or not they are specialists in the field of plant nutrition.—W. H. Pierre.

THE PEATS OF NEW JERSEY AND THEIR UTILIZATION


By the publication of this bulletin, the survey of the peat deposits of New Jersey, undertaken as official project No. 65-1-22-477 of the Works Project Administration, has been completed. Part A, published in 1942, was sub-titled, “Nature and origin of peat: Composition and utilization”. Part B gives detailed information obtained by a careful field survey of the peat bogs of the state.

Data are given on depth of deposits, nature of the plant material, and its chemical composition. Three broad regions are recognized, viz., the sedge and reed peats to the north; the forest peats, characterized by cedar swamps, on the coastal plain; and the salt marsh and alluvial peats. No true sphagnum peats were found. Some 200,000 acres of true peat were surveyed.

The bulletin is of general interest to all those concerned with the study or utilization of peat deposits and of special interest to the farmers of New Jersey’s peat deposits, or to those located nearby on whose farms hauled-in peat could possibly be used to advantage. An extended bibliography of 110 titles is appended. Bulletin 55, in its entirety, represents a monumental contribution on this interesting and important subject, of great interest and value both currently and permanently.—Firman E. Bear.

AGRONOMIC AFFAIRS

PROCEEDINGS OF NATIONAL JOINT COMMITTEE ON FERTILIZER APPLICATION

The proceedings of the nineteenth annual meeting of the National Joint Committee on Fertilizer Application, held at Cincinnati, Ohio, November 9, 1943, has been published and distributed by the National Fertilizer Association. In addition to the reports of the cooperators, a review is presented showing the scope and distribution of fertilizer application experiments conducted in 1943, with special