

botanists—Torrey, Asa Gray and Engelmann—may be seen.

Professor Trelease has participated in many other travels and botanical excursions, including the Harriman Expedition to Alaska and other trips to the West Indies and remote parts of the North American continent. He visited Europe many times, attending the International Botanical Congress in Vienna in 1905, and working at the principal botanical gardens and herbaria on American plants represented in these collections. He spent the year 1912–1913 in Europe. He was successful in obtaining many rare volumes and sets of botanical works, greatly enriching the libraries of his institutions.

Some time after going to the Missouri Botanical Garden, Trelease gave most of his attention to the taxonomy of seed plants. However, he always retained a keen interest in the development of cryptogamic botany, and the field represented by his early activities. He was author of many botanical publications, including a series of monographs based upon the collections of the Missouri Botanical Garden and other American herbaria. In collaboration with Asa Gray he edited the "Life and Works of George Engelmann." The larger monographs include "Agave in the West Indies," the genus *Phoradendron*, the Oaks and several monographs on Piperaceae, a family of plants to which he was still devoting his time shortly before his death. In his early years at Wisconsin and St. Louis, he translated some Danish and German botanical works and reviewed a large number of foreign publications in American journals. From 1903–1922, he was chairman of the group of American editors of *Botanisches Centralblatt*. His manuals, "Plant Materials of Decorative Gardening" and "Winter Botany," are widely used by botanists and horticulturists in the identification of trees and shrubs, and each of them has gone through three or four reprintings.

Professor Trelease was the recipient of many honors. He was a fellow of the American Academy of Arts and Sciences since 1892, was elected, in 1902, to the National Academy of Sciences and in 1903 to the American Philosophical Society. He was also a member of the American Society of Naturalists (president,

1903) and many state academies of science. He was chairman of the organizing committee and the first president of the Botanical Society of America in 1894–95. After the society was reorganized and merged with other botanical groups in 1907, he was reelected to the presidency in 1918. He was directeur (pres.) of the Académie Internationale de Géographie Botanique in 1896, and held corresponding and honorary memberships in other botanical societies of Europe.

The University of Wisconsin, the University of Missouri and Washington University conferred on him honorary degrees. He served as a member of the Illinois State Natural Resources and Conservation Board from the time of its organization in 1917. He had also taken part in civic enterprises of his community and was chairman of the first city planning commission of St. Louis in 1911–12.

Professor Trelease's sound judgment and his background of long experience and broad interest in all phases of botany fitted him peculiarly as a valuable counselor to students and younger botanists. His radiant personality and sympathetic interest in the problems of younger botanists who sought his advice endeared him to all who came under his influence. His zeal in continued botanical activity during the long period of his retirement has been a source of inspiration to his colleagues and friends who will miss these contacts and his cheerful greetings. The world has lost a famous botanist; American botany has lost a distinguished leader.

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### RECENT DEATHS

LIEUTENANT COLONEL M. F. MORGAN, chief agronomist of the Connecticut Agricultural Experiment Station and a former secretary of Section O of the American Association for the Advancement of Science, was killed by enemy action on Leyte Island on January 15, while on convoy duty. He was fifty years old.

DR. DENNIS E. HALEY, professor of soil and phytochemistry in the department of agricultural and biological chemistry of the Pennsylvania State College, died on February 10, at the age of fifty-nine years.

## SCIENTIFIC EVENTS

### AWARDS OF THE GEOLOGICAL SOCIETY, LONDON

AWARDS made by the Council of the Geological Society, London, as reported in *Nature*, are:

The Wollaston Medal to Professor O. T. Jones, emeritus professor of geology in the University of Cambridge, for

outstanding contributions to knowledge concerning the stratigraphy of Lower Palaeozoic sedimentary rocks of Wales; the Murchison Medal to Dr. W. Campbell Smith, keeper of minerals in the British Museum (Natural History), for his work on petrology and mineralogy, and his long service as secretary to the society; the Lyell Medal to Dr. L. F. Spath, of the Geological Department of the