

The subject assigned to me was obviously limited to the biological aspects of forest renewal, and I have discussed the reforestation problem only from that angle. There is another phase of this subject which I can not wholly pass by—the economics of reforestation under private ownership. The lumber industry of the Douglas fir region is operating under obstacles of overproduction, cut-throat competition in distant markets, the menace of fires from the operation itself as well as from sources beyond the control of the owner, and heavy carrying charges, particularly a system of taxation that taxes both the land and the value of the timber upon the land each year. In the face of these obstacles there is an urge to liquidate the capital investment; there is little interest in holding

the land for continuous production, and an unwillingness to spend even a small amount to leave the land in productive condition. The silvicultural measures that would promote reforestation, the desirability of which are recognized by all, are not likely to be adopted except by the few strong and far-seeing companies until these economic obstacles are removed. It is the responsibility of the public to rectify the tax situation and eliminate the outside fire menace, as it is of the industry to remove the other obstacles; happily each year sees progress in this regard, but it is slow. The transition from old forests to new is too often a transition from old forests to worthless, blackened stump land whose return to a cover of useful trees will be a slow or expensive process.

OBITUARY

RECENT DEATHS

PROFESSOR WILLIAM DILLER MATTHEW, chairman of the department of paleontology of the University of California, died on September 24 at the age of fifty-nine years.

DR. NATHANIEL O. HOWARD, pathologist of the Department of Agriculture, stationed at Brown University and instructor in botany at the university, died on September 14 at the age of fifty years.

DR. ROSS HALL SKILLERN, well-known laryngologist and professor of laryngology in the graduate school of medicine of the University of Pennsylvania since 1918, died on September 20. He was fifty-four years old.

FREDERIC M. STROUSE, assistant professor of laryngology in the graduate school of medicine of the University of Pennsylvania, died on August 4 at the age of sixty-six years.

BROTHER AZARIAS MICHAEL, dean of the engineering school of Manhattan College, died on September 17 at the age of fifty-three years.

DR. MURRETT F. DE LORME, head of the Lindsay Laboratories, Inc., in Brooklyn, which he founded twenty years ago, and professor of clinical medicine at the Long Island Medical College, died on September 8, aged sixty-two years.

DR. ALONZO ROUSE KIEFFER, formerly professor of surgery and head of the department of clinics at the Barnes Medical College, died on August 13 in his seventy-fifth year.

MAJOR GENERAL SIR NEVILLE HOWSE, V. C., who was a medical officer in the Australian army and who was one of Australia's representatives at the fourth assembly of the League of Nations, has died at the age of sixty-seven years. He was a fellow of the Royal College of Surgery.

PROFESSOR H. B. DIXON, of Manchester University, England, regarded as one of the world's foremost experts on explosives, ex-president of the British Chemical Society and holder of the Royal Medal of the Royal Society, died on September 18 at the age of seventy-eight years.

MEMORIALS

A MEMORIAL to George Westinghouse, inventor and founder of the various Westinghouse industrial enterprises, will be dedicated in Pittsburgh on October 6, according to an announcement by A. L. Humphrey, chairman of the Westinghouse Memorial trustees. Leaders in industry, science and education have been invited to pay tribute on that day to the memory of the inventor of the airbrake and the steam turbine and the proponent of the alternating current. The ceremony will include the unveiling of a bronze statue by Daniel Chester French. The main unit of the memorial rises twenty feet from a Norwegian granite base and includes a dominating figure of the subject, in the prime of life. Beside him are two figures depicting a skilled workman and an engineer, typical of the thousands of artisans who assisted him during his life. Facing this group on a separate pedestal is a figure of an American youth studying the achievements made.

A MEMORIAL to Carl Ben Eielson, who lost his life in the Arctic regions last November while engaged in the work of bringing passengers and cargo by plane from the icebound steamer *Nanuk*, will be erected at the Alaska Agricultural School and College of Mines. The memorial will be a building for the Fairbanks school, which will house the "Colonel Carl Ben Eielson School of Aeronautical Engineering." It is expected that \$15,000 to \$25,000 will be raised at Fairbanks, toward which \$4,000 has already been subscribed.