

like that on Salcombe Hill, in which many notable contributions to progressive knowledge were being made, would not have to depend entirely upon the relatively small number of friends who had hitherto maintained it in its high position. Funds for scientific studies which led to industrial development were liberally provided in England, but a subject like astronomy, which had little direct relation to profitable industry, had to look for support to those who desired knowledge only for its own sake, whether or not it was of practical value.

It happened sometimes that such knowledge, obtained in the pure pursuit of scientific truth, was afterwards found to be of practical service. The most remarkable example of that kind was associated with the name of the founder of that observatory. When Sir Norman Lockyer discovered the element helium in the sun in 1868 no one dreamed that it would be produced daily in immense quantities, and would be used for the inflation of airships. Twenty-six years after its discovery in the sun it was found to exist in certain minerals in the earth, and after the Great War it was found to be contained in fair quantities in natural gases in some oil wells in the United States, which had practically the monopoly of the gas.

RECENT DEATHS AND MEMORIALS

DR. FREDERICK TILNEY, since 1914 professor of neurology and neuro-anatomy at the College of Physicians and Surgeons, Columbia University, died on August 7 at the age of sixty-three years.

DR. LAWRENCE F. FLICK, organizer of the Henry Phipps Institute of the University of Pennsylvania and influential in the founding of the National Tuberculosis Association, died on July 6 at the age of eighty-one years.

DR. HAROLD DICKINSON SENIOR, emeritus professor of anatomy and director of anatomical laboratories at New York University, died on August 6 at the age of sixty-seven years.

DR. LOUIS C. LOEWENSTEIN, consulting engineer, New York City, died on August 3 at the age of sixty-two years.

DR. LOUIS SHEPARD DE FOREST, practicing physician, who retired several years ago as a professor at the Yale University School of Medicine, died on August 4 at the age of eighty-one years.

ARLAND LEE MACKINNEY, in charge of forest management research at the Southern Forest Experiment Station of the U. S. Forest Service in New Orleans, was accidentally drowned on July 4. He was thirty-four years old.

E. M. NELSON, formerly president of the Quekett Microscopical Club and of the Royal Microscopical Society, an authority on microscopy and microscope construction, died on July 20 at the age of eighty-seven years.

THE centenary of the birth of Edward S. Morse, distinguished for his work in zoology and ethnology, the first professor of zoology at the University of Tokyo, was celebrated on June 25 at Tokyo under the joint auspices of the Tokyo Science Museum and the Society for Propagating Scientific Knowledge. Morse was president of the American Association for the Advancement of Science in 1886, and from 1880 to the time of his death was director of the Peabody Academy, Salem, Mass.

TRIBUTE was paid on July 22 to the memory of Charles Dawson, who, between the years 1911 and 1913, found portions of the fossil skull of Piltdown Man and in doing so discovered the remains of the earliest Englishman known. Sir Arthur Keith unveiled a monolith memorial in the grounds of Barkham Manor, Piltdown, to mark the spot on which the fossil was found. The memorial, erected by permission of David Kerr, the present owner of the manor, is of Yorkshire sandstone and stands about 5 feet in height. A large and representative company was present at the ceremony.

SCIENTIFIC NOTES AND NEWS

PROFESSOR THOMAS HUNT MORGAN, director of the Wm. G. Kerkhoff Laboratories of the California Institute of Technology, corresponding member of the Academy of Sciences, Paris, has been elected one of the twelve foreign associates of the academy.

THE Liebig Memorial Medal of the German Chemical Society has been awarded to Dr. Eduard Zintl, professor of chemistry at Darmstadt.

THE fifth award of the Dawson Williams Memorial Prize, which is given in recognition of work done in connection with pediatrics, has been made to Professor

Leonard G. Parsons, professor of children's diseases at the University of Birmingham. It was presented to him at the Plymouth meeting of the British Medical Association on July 19. Professor Parsons delivered the Dawson Williams Memorial lecture, describing his work on the nutritional problems of childhood.

DR. I. W. MAGILL, senior anesthetist to the Westminster Hospital, London, has been awarded the triennial Hickman Medal, given for "original work of outstanding merit on anesthesia or in subjects directly connected therewith." The award is made by the