

Memorial Association. This last is composed of alumni of Penn State, former students of Dean Pond, who answered his appeal six years ago and purchased the old mansion. It was already a century and a quarter old and had fallen on evil days, having been used during the war as a boarding house for immigrant labor. It was purchased at public auction to save it from entire destruction. It has been reconditioned and a fireproof museum, designed by Professor A. L. Kocher, an authority on early Pennsylvania architecture, has now been erected on the lawn, to house a complete collection of Priestley's original laboratory apparatus and other personal effects. Much of this is still in existence, due to the devotion of Mrs. Forsythe, of Dr. Edgar F. Smith and others, and will be permanently on display in this museum.

Northumberland was a frontier settlement when Priestley arrived in 1794, beautifully situated under high hills at the junction of the east and west branches of the Susquehanna River. It is 160 miles from Philadelphia, but he chose it because "nothing can be more delightful or healthy than this place," while Philadelphia seemed "unpleasant, unhealthy and intolerably expensive." To-day it is an industrial town of several thousand people. The house stands directly on the banks of the east branch of the river, facing the city of Sunbury just opposite. Near by is the brick church, built in 1834, which still houses the Unitarian congregation organized by Priestley in 1794. Half a mile away is the town's only cemetery where Priestley lies with his wife and seventeen descendants, two of whom were also "Dr. Joseph Priestley."

The ceremonies will be brief. There is no room at the grave for exercises so that the pilgrimage itself and perhaps the laying of a flower will constitute the simple homage of each individual chemist. The special train is scheduled to arrive at one o'clock and the visit to the grave will be made first. There will then be time to examine the Priestley house, including the spacious room in the ell which was used by Priestley as a laboratory, and the new museum containing his original apparatus. The meeting will convene on the lawn at 2:15 under the two tall pines planted by Priestley himself. The porch of the house will be used as a platform.

Dr. S. A. Goldschmidt, the only surviving charter member who was present at the 1874 meeting, will give an account of that meeting. Dr. Wm. H. Walker, formerly of the Massachusetts Institute of Technology, who taught at Penn State with Dr. Pond in the early nineties, and was active with him in the effort to preserve the Priestley house, will speak on the history of the house, and Dr. C. A. Browne, chief of the U. S. Bureau of Chemistry and chairman of the American Chemical Society committee on the histor-

ical program for the fiftieth anniversary, will speak on Priestley's life in Northumberland and on the relics exhibited. The meeting will be less than an hour in length and the special train will leave for Philadelphia at about 3:30.

SCIENTIFIC NOTES AND NEWS

DR. FRANK R. LILLIE, professor of embryology at the University of Chicago, has resigned the directorship of the Marine Biological Laboratory at Wood's Hole, which he has held since 1908. He remains president of the Board of Trustees. Dr. M. H. Jacobs, of the department of zoology of the University of Pennsylvania, has been elected director of the laboratory to succeed Dr. Lillie.

ON the occasion of the recent meeting of the British Association for the Advancement of Science, the degree of doctor of science was conferred by the University of Oxford on Dr. Henry Fairfield Osborn, of the American Museum of Natural History.

THE citizens of Milan, Ohio, the birthplace of Thomas A. Edison, plan to raise money to buy a 200-acre tract for a park as a permanent memorial to Mr. Edison.

IN the plans for celebrating the centenary of Ottawa, the fact that Marquis wheat was originated at the Canadian Government's Central Experimental Farm by one of its workers, is to be emphasized. By this discovery in 1904 Dr. Charles E. Saunders, who was then the government cerealist, has increased not only the agricultural wealth of Canada by many millions of dollars, but also that of the hard wheat-growing area of the United States, for it is said that 90 per cent. of the spring wheat grown in Canada and 60 per cent. of that produced in the United States is Marquis.

THE colleagues of the well-known Danish physiologist, Professor August Krogh, have made his fiftieth birthday the occasion for offering to him their felicitations and homage in the form of a volume entitled *Physiological Papers*.

THE Bavarian Academy of Science has elected as corresponding members: Dr. Harald Bohr, professor of mathematics at the Technical Institute at Copenhagen; Dr. Niels Bohr, professor of physics at the University of Copenhagen, and Dr. Hans Strasser, professor of anatomy and director of the anatomic institute of the University of Bern.

Nature states that the Council of the National Institute of Agricultural Botany has awarded the Snell Memorial Medal for the year 1925 to Dr. R. N. Salaman. The medal is given annually to mark distinguished work in the sphere of potato husbandry,

and has been awarded to Dr. Salaman in recognition of his eminent services in the study of the problems connected with the breeding and the diseases of potatoes. The medal will be presented to Dr. Salaman at the public inspection of the trials at the Potato Testing Station, Ormskirk, on August 19.

THE council of the Royal Meteorological Society has awarded the Howard Prize for 1926 to Cadet B. W. Harman, of H.M.S. *Worcester*, for the best essay on "The Causes and Distribution of Fog in the North Atlantic."

DR. OLIVER J. LEE, a member of the staff of the Yerkes Observatory, has resigned.

THEODORE A. WERKENTHIN has recently resigned his position as head of the science department of Queens College, Charlotte, N. C., and has again become associate with the Solar Refining Company, Lima, Ohio, after a year's leave of absence.

C. H. HERTY, JR., formerly research associate connected with the Massachusetts Institute of Technology at the Bethlehem Steel Co., Lackawanna, N. Y., now has charge of the work on physical chemistry of steel-making at the Pittsburgh Experiment Station of the U. S. Bureau of Mines.

DR. CHARLES TERZAGHI, special lecturer on soil mechanics for the Massachusetts Institute of Technology in 1925-26, has accepted temporary appointment with the Bureau of Public Roads, as research consultant on subgrade soil investigations.

DR. ERNEST MARSDEN, assistant director of education for New Zealand, has been appointed permanent secretary of the new Industrial and Scientific Research Department.

DR. S. C. HARLAND, professor of botany and genetics at the Imperial College of Tropical Agriculture, St. Augustine, Trinidad, has been appointed head of the department of genetics of the cotton research station of the Empire Cotton Growing Corporation.

THE Cheney Research Fellowship at Yale, which was established for the study of the chemistry of natural silk, will be held next year by Dr. Floyd S. Daft, who will be able to carry on his investigations at the Carlsberg Laboratory in Copenhagen, Denmark, under the direction of Professor S. P. L. Sorensen.

DR. EDWIN G. CONKLIN, professor of biology at Princeton University, who has visited the Orient and made a trip around the world under the auspices of the Rockefeller Foundation, arrived in New York on Saturday, July 31, on the *Aquitania*.

DR. GARY N. CALKINS, professor of protozoology at Columbia University, sailed for Europe on August

1 to take up work as director of the American University Union at Paris. Dr. Calkins will return to New York about January 15 for three months when he will leave again for Paris to stay until October.

AT Porto Rico, Dr. Robert A. Lambert has taken up his work as director of the new School of Tropical Medicine and Dr. George C. Payne has succeeded Dr. Rolla B. Hill as director for Porto Rico of the International Health Board of the Rockefeller Foundation.

DR. CHARLES H. FRAZIER, professor of surgery in the University of Pennsylvania School of Medicine, has left for a five months' trip in China. He will deliver an address before the "Chinese Medical Society" at Peking in September.

DR. EDWARD C. KENDALL, of the University of Minnesota, sailed for Stockholm on July 17, where he will attend the International Physiological Congress.

DR. R. S. BASSLER, curator of stratigraphic paleontology in the U. S. National Museum, sailed on August 7 for a two months' collecting trip in Europe, in order to further his studies on the micropaleontology of various groups of fossils. Dr. Bassler will also visit various museums to study collections and methods of installation.

PROFESSOR VITTORIO ASCOLI, director of the medical clinic in Rome, and Professor G. Alessandrini, director of the bacteriologic institute of that university, have been invited by the government of Argentina to represent Italy at the medical congress to be held in Buenos Aires. They will speak at the congress on the results of Italian studies on malaria.

PROFESSOR MAXIMOV, of Leningrad University has been invited to deliver a series of lectures at Chicago, New York, Philadelphia and other American centers on his recent researches on the combat of droughts.

THE Royal Academy of Sweden has appointed a committee to organize a celebration of the 350th anniversary of the foundation of Tycho Brahe's Observatory, Uraniborg, on the Island of Huen, which now belongs to Sweden.

DR. JOHN FRANCIS HALL-EDWARDS, who devoted twenty-eight years of his life to experimenting with and perfecting the X-ray, died on August 7, at Birmingham. He was one of the pioneers in X-ray investigation and continued the work despite the heavy handicap of the loss of both hands through burns.

SIR WILLIAM RIDGEWAY, Disney professor of archeology at the University of Cambridge, died on August 12.

Nature reports the following deaths: Dr. R. H. Clarke, formerly demonstrator of physiology at St.

George's Hospital, London, author of an atlas of sections of the brain of the cat and monkey, and joint author with Victor Horsley of a number of papers in *Brain*, on June 22, aged seventy-five years, and of M. Albert Viger, for thirty years president of the French National Horticultural Society, and seven times minister of agriculture, on July 8.

THE New York Cancer Association, of which Dr. Isaac Levine is director and Dr. George D. Stewart, professor of surgery at New York University, is chairman of the executive committee, plans to establish in New York City a laboratory for the study of cancer, with twelve research workers and twenty-four technical assistants. A budget of \$108,000 for the first year has been arranged.

A SITE for a botanical garden, comprising forty-four acres on Strawberry Hill, has been offered to the City of Stamford, Conn., by Mrs. Albert Crane in memory of her late husband. Mrs. Crane also plans the gift of \$50,000 outright for the preparation of the land and a trust fund of \$100,000, the income to be used in the maintenance of the land as a botanical garden. Dr. William T. Hornaday, who recently resigned as director of the New York Zoological Park after a long term of service, has made a survey of the land and pronounces it excellent for a botanical garden. Dr. Hornaday, now a resident of Stamford, is much interested in the project and will lend his aid in the preparations, if it is accepted by the city. In his report to Mrs. Crane, he finds that about \$20,000 will be needed annually to maintain the land in addition to the income from the trust fund. The city is asked to agree to furnish this sum yearly in consideration for the gift of the park. Mrs. Crane would keep her home and about four acres of land on the site during her life-time.

THE London Mathematical Society has begun publication of a second periodical, in addition to its *Proceedings*, to be called *The Journal of the London Mathematical Society*. It will contain proceedings of meetings, abstracts, obituary notices, etc., besides short original articles.

Nature reports that the Air Ministry of Great Britain has announced that five hundred aircraft apprentices, between the ages of 15 and 17 years, are required by the Royal Air Force for entry into the Schools of Technical Training, Halton, Bucks and Flowerdown, near Winchester. They will be enlisted as the result of an open and a limited competition held by the Civil Service Commissioners and the Air Ministry respectively. Successful candidates will be required to complete a period of twelve years' regular Air Force service from the age of 18 years, in addition

to the training period. Full information regarding the aircraft apprentice scheme, which offers a good opportunity to well-educated boys of obtaining a three-years' apprentice course of a high standard and of following an interesting technical career, can be obtained on application to the Secretary, Air Ministry, Kingsway, London, W.C.2.

HITHERTO unknown archeological ruins, called Macanxoc, meaning "You can not read it," were found by E. S. Thompson and J. Charlot, of the Carnegie Institution, on May 24, according to information reported to Washington by Dr. Sylvanus G. Morley, in charge of the extensive diggings centered at Chichon Itza. Macanxoc is said to be the religious and ceremonial center of Coba, a large provincial Old Maya Empire City, fifty miles east of Chichen Itza. Inscriptions on stelae have been found that date from 364 to 413 A. D. From the style, sculpture and dates of the hieroglyphics on the remains, it is supposed that Macanxoc is the oldest center of Maya civilization thus far known to Yucatan. The most brilliant Maya paintings so far known and the best preserved painted serpent heads yet found were unearthed recently in the Temple of the Warriors at Chichen Itza by E. H. Morris. Remains of a serpent column temple decorated with these works of art were revealed when a corner pyramid was excavated.

UNIVERSITY AND EDUCATIONAL NOTES

THE Presbyterian Hospital, built at a cost of \$6,000,000, which when completed will be the general hospital for the proposed new medical center of the University of Pittsburgh, provides for a hospital of 600 beds, to be erected on the "knoll" now occupied by the Faculty Club. It has been announced that the Eye and Ear Hospital will join in the medical center and erect a \$1,000,000 structure opposite the new children's hospital on the university's site. Plans are being considered for the affiliation of the Montefiore and another special hospital with the medical center.

DR. H. R. KRAYBILL, formerly biochemist of Boyce Thompson Institute for Plant Research, has been appointed professor of agricultural chemistry in Purdue University and state chemist and seed commissioner.

GLENN V. BROWN, who received his Ph.D. from the University of Pennsylvania, has been made associate professor of chemical engineering in the college of applied science at Syracuse University.

J. C. WARNER, of Goshen, Ind., a graduate of the University of Indiana, has been appointed instructor in chemical engineering at the Carnegie Institute of Technology.