

Edward B. Pollister, president, Busch-Sulzer Brothers Diesel Engine Company.
 Colonel Robert H. Morse, president, Fairbanks-Morse and Company.
 B. C. Heacock, president, Caterpillar Tractor Company.
 C. L. Cummins, president, Cummins Engine Company.
 David S. Sarnoff, president, Radio Corporation of America.
 Edward G. Budd, president, Edward G. Budd Manufacturing Company.
 Arthur Brisbane.
 H. L. Hamilton, president, Electro-Motive Corporation.
 Malcolm Muir, president, McGraw-Hill Publishing Company.
 Captain Edward V. Rickenbacker, vice-president, Eastern Air Lines.
 Thomas H. Beck, president, Crowell Publishing Company.
 Walter C. Teagle, president, Standard Oil Company (New Jersey).
 C. A. Crique, Sr., president, Sterling Engine Company.
 B. F. Fairless, president, Carnegie-Illinois Steel Corporation.
 Frank A. Vanderlip, Sr.
 R. U. Blasingame, president, American Society of Agricultural Engineers.

THE TWENTY-FIFTH ANNIVERSARY OF THE NEW YORK STATE COLLEGE OF FORESTRY

THE twenty-fifth anniversary of the founding of the New York State College of Forestry at Syracuse University was observed on November 19, 20 and 21.

Twenty-five years ago the first class in forestry was held in the corner of Lyman Hall, one of the buildings of the College of Liberal Arts. The first classes were directed by the present dean of the Graduate School, Dr. William L. Bray. A few months later Dr. Hugh P. Baker, the first dean of the college, now president of Massachusetts State College, took charge, and from that time it began a remarkable career of development which has been furthered by the late Dean Franklin Moon and by Dr. Samuel N. Spring, the present dean.

There are now two large modern buildings at Syracuse, together with a well-equipped pulp and paper laboratory and various other laboratories. The Roosevelt Wild Life Forest Experiment Station is a part of the college. The large concrete State Ranger School building is situated on the shores of Cranberry Lake in the Adirondacks and 20,000 acres of forest land are used for experimental purposes in various sections of the state. The New York State College of Forestry is the largest and best equipped institution of its kind. To date it has approximately 1,700 graduates, including the Ranger School, a student body of 500 and a faculty of forty-five members.

During the celebration a special convocation was

held at which the doctorate of laws was conferred on Robert Moses, park commissioner of New York City and president of the New York State Council of Parks; on Arno Berthold Cammerer, director of the National Park Service, and on Robert B. Goodman, president of the Northern Hemlock Association.

The program opened on November 19 with a banquet attended by men prominent in the professional field of forestry and education, the alumni and student body. The celebration closed on Saturday, with a meeting of the Alumni Association and a luncheon prior to the Colgate-Syracuse football game.

A history of the college written by members of the faculty has been published and was distributed at the banquet. Speakers during the celebration included: President Hugh P. Baker, of Massachusetts State College; Arno B. Cammerer, director of the United States National Parks; Conservation Commissioner Lithgow Osborne; Robert Moses, chairman of the New York State Council of Parks; Acting Chancellor William P. Graham, of Syracuse University; Robert B. Goodman, chairman of Wisconsin Conservation Commission, and Dean Samuel N. Spring.

ROYAL SOCIETY MEDALLISTS

THE King of England has approved of the following awards this year by the president and council of the Royal Society in respect of the two Royal Medals:

A Royal Medal to Professor R. H. Fowler, F.R.S., for his work on statistical mechanics and allied departments of modern mathematical physics.

A Royal Medal to Professor E. S. Goodrich, F.R.S., for his work on the morphology of the excretory organs of the invertebrata and for his work on the comparative anatomy and embryology of the vertebrata.

The following awards of medals have also been made:

The Copley Medal to Sir Arthur Evans, F.R.S., in recognition of his pioneer work in Crete, particularly his contributions to the history and civilization of its Minoan Age.

The Rumford Medal to Professor E. G. Coker for his researches on the use of polarized light for investigating directly the stresses in transparent models of engineering structures.

The Davy Medal to Professor W. A. Bone, F.R.S., for his pioneer work on contact catalysis and his researches on the mechanism of combustion of hydrocarbons and on the nature of flames and on gaseous explosions.

The Darwin Medal to Dr. E. J. Allen, F.R.S., in recognition of his long-continued work for the advancement of marine biology, not only by his own researches, but by the great influence he has exerted on very numerous investigations at Plymouth.

The Hughes Medal to Dr. W. Schottky for his discovery of the Schrot effect in thermionic emission and

his invention of the screen-grid tetrode and a super-heterodyne method of receiving wireless signals.

The following is a list of those recommended by the president and council for election to the council of the Royal Society at the anniversary meeting on November 30:

President, Sir William Bragg; *Treasurer*, Sir Henry

Lyons; *Secretaries*, Sir Frank Smith and Professor A. V. Hill; *Foreign Secretary*, Sir Albert Seward.

Other Members of the Council—Professor A. J. Allmand, Dr. G. T. Bennett, Professor J. Chadwick, Professor A. S. Eve, Professor W. G. Fearnside, Professor L. N. G. Filon, Dr. J. Gray, Sir Daniel Hall, Professor C. R. Harington, Professor D. Keilin, Professor J. Graham Kerr, Dr. R. H. Pickard, H. R. Ricardo, Professor W. Stiles, Professor W. W. C. Topley and W. Trotter.

SCIENTIFIC NOTES AND NEWS

At the dinner of the National Academy of Sciences held in Chicago on November 17 the John J. Carty Medal award, with a premium of \$3,000, was presented to Dr. Edmund B. Wilson, Da Costa professor emeritus of zoology at Columbia University. The presentation was made by Dr. Frank B. Jewett, vice-president in charge of development and research of the American Telephone and Telegraph Company. In the absence of Professor Wilson, who celebrated his eightieth birthday on October 19, the medal was received by Professor Ross G. Harrison, of Yale University. The Public Welfare Medal was presented to Dr. H. S. Cumming, surgeon-general of the U. S. Army, retired, the address being made by Professor Ludvig Hektoen, of the University of Chicago.

At the convocation of the Royal College of Physicians and Surgeons of Canada on October 31, in Ottawa, honorary fellowship was conferred on Lord Tweedsmuir, governor-general of Canada, and on Dr. Henry A. Christian, Hersey professor of the theory and practice of physic at Harvard University and physician-in-chief, Peter Bent Brigham Hospital, Boston.

DR. WILLIAM K. GREGORY, curator in the department of comparative and human anatomy at the American Museum of Natural History, was elected president of the American Society of Ichthyologists and Herpetologists at the annual meeting, which was held at the University of Michigan.

DR. EDWARD BAUSCH, chairman of the board of the Bausch and Lomb Optical Company, Rochester, N. Y., has been awarded for "inventions and improvements of great merit in the technical and public sense" the medal of the American Society of Mechanical Engineers, which will be presented on the evening of December 1, in the auditorium of the society.

DR. W. V. D. HODGE, Lowndean professor of astronomy and geometry at the University of Cambridge, has been elected to a non-stipendiary fellowship at Pembroke College.

DR. GOTTLIEB HABERLANDT, professor emeritus of plant physiology at the University of Berlin, celebrated

the fiftieth anniversary of his doctorate on November 11.

THE *Journal* of the American Medical Association states that Professor Antonin Gosset, one of the two heads of the surgical department of the Paris Medical School, was recently elected a fellow of the Academy of Sciences. In order to celebrate the event, a number of assistants and colleagues of Professor Gosset are subscribing to a fund with which a sword (as is the custom on such occasions in France) will be presented to the new academician.

THE first Arthur Duckham research fellowship, valued at £350, has been awarded by the British Institute of Gas Engineers to Dr. Albert Edward Haffner, research chemist in the service of the Gas Light and Coke Company, London. Dr. Haffner will proceed to the Gas Institute, Karlsruhe, to carry out research of interest to the British gas industry.

DR. GEORGE GILMORE SCOTT, after thirty-six years of active service at the College of the City of New York, has retired from the professorship of biology. His address is 1394 Grand Avenue, Winter Park, Fla.

DR. A. M. H. GRAY, dean of the faculty of medicine at the University of London, is retiring, having reached the age limit.

DR. GEORGE P. MULLER, formerly professor of clinical surgery in the School of Medicine and in the Graduate School of Medicine of the University of Pennsylvania, has been appointed professor of surgery in the Jefferson Medical College of Philadelphia, to succeed the late Dr. Edward J. Klopp.

DR. JAMES FISHER was recently appointed dean of the faculty at the Michigan College of Mining and Technology, Houghton. Dr. Fisher, who is head of the department of mathematics and physics, has been associated with the teaching staff of the college since 1896.

WILLIAM E. STANLEY, consulting sanitary and hydraulic engineer of Chicago, has been made professor of sanitary engineering in the School of Engineering of Cornell University.

W. E. BRADT, until September 1 assistant professor