

ican Medical Association, president of the American Society of Tropical Medicine, 1924-1925, vice-president of the American Society of Parasitologists, 1925, a member of the National Malaria Committee and a corresponding member of various foreign societies. In 1923 he was given the honorary degree of doctor of science by the University of Maryland Medical School and the medal of merit was bestowed upon him posthumously by the Lebanon Government of Syria.

A review of Darling's published work does not adequately represent his activities since he worked on a number of problems about which he did not publish. To accomplish what he did in twenty years of scientific work required perseverance and industry such as is exhibited by very few scientists. Those who were so fortunate as to have worked with Dr. Darling learned to know him as an independent leader, a most charming and interesting companion and an investigator of the highest ideals. Mrs. Darling has very kindly presented Dr. Darling's library, which contains large numbers of books and reprints on medical zoology and allied subjects, to the department of medical zoology, of the School of Hygiene and Public Health of the Johns Hopkins University, where it will be known as the Samuel Taylor Darling Library and will constitute a fitting memorial for one who did so much to further the progress of scientific work in medical zoology.

R. W. HEGNER

THE JOHNS HOPKINS UNIVERSITY

SCIENTIFIC EVENTS

THE CENTENARY OF THE INVENTION OF PHOTOGRAPHY

ACCORDING to a cable to the *Christian Science Monitor* by Sisley Huddleston, the International Congress of Photography celebrated on June 29 and throughout the week the one hundredth anniversary of the French discovery of the photographic methods by Joseph Nicéphore Niepce. On June 30 a commemorative plaque to Louis Daguerre was unveiled and a reception held at the Hotel de Ville. On July 2 there was a meeting at the Sorbonne, with President Doumergue present, under the chairmanship of von Delbos, secretary of technical instruction. Among other functions was the opening of a retrospective exhibition of photography by Paul Leon, director of fine arts. By order of the government, the centenary was observed in the schools, where lessons were given on the subject of Niepce. Great interest was taken in the occasion and the newspapers emphasized the part taken by France in modern progress.

Nicéphore Niepce, the French savant, was born at

Chalon-sur-Saone in 1765. He devoted himself with his brother Claude to natural scientific study. It was the development of the lithographic process of printing in 1811 which interested him in the reproduction of designs.

His first experiments with a sheet of tin covered with a composition sensitive to the action of light, on which he placed designs, were simple. He employed a dark room, but his main preoccupation was the search for suitable chemicals. He utilized a box with a hole admitting light, this being the precursor of the camera. M. Daguerre, working in association with him, perfected the appliances. It was not, however, until 1841 that the Daguerreotype was drastically improved, and a few years later photographs on glass were made and albumen employed.

There were many workers in the same field from the second quarter of the nineteenth century onward, but it is agreed that the greatest innovators were Niepce and Daguerre. Both were poor and remained poor, though they have since made the fortunes of many others.

Now that photography has become an art and has brought about the cinema, with possibilities hitherto unsuspected, France is doing honor to a neglected pioneer.

THE ANNUAL MEETING OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

THE annual meeting of the American Institute of Electrical Engineers was held at Saratoga Springs, N. Y., from June 23 to 26, with an attendance of more than 900. A well-diversified program was carried out, and several new and interesting developments were recorded. The meeting was notable for the manner in which the technical committee reports were presented and discussed and for the discussions of papers presented at the technical sessions. Outstanding topics that were reviewed concerned the best distribution system to use, the status of cables, developments in oil breakers and new features of transformers. New tools described and discussed included the quadrant electrometer or electrostatic wattmeter, an oscillograph for measuring transients and the klydonograph for measuring line disturbances.

Inspection trips filled the afternoons, an especially noteworthy excursion being made to the General Electric Company's works at Schenectady. Excursions by motor and train to Lake George and other scenic points were also well attended.

At a "feature" meeting on Thursday evening Director W. E. Wickenden, of the Society for the Promotion of Engineering Education, gave an address covering his impressions of European educational

methods, and at an evening meeting on Wednesday Samuel S. Wyer presented a paper on Muscle Shoals and W. S. Lee told of the 540,000-hp. developments at Ile Maligne, on the Saguenay River, in Quebec.

The incoming president, Dr. Michael I. Pupin, professor of electromechanics at Columbia University, and president of the American Association for the Advancement of Science, succeeds Farley Osgood.

THE THIRD NATIONAL COLLOID SYMPOSIUM

THE Third National Colloid Symposium, sponsored by the colloid committee of the division of chemistry and chemical technology of the National Research Council, was held at the University of Minnesota on June 17, 18 and 19. There were 356 persons registered as attending the scientific sessions. A study of the registration cards shows that this was truly a national symposium, inasmuch as the registrants came from thirty different states and four foreign countries.

Of the 356 registrants, 90 were connected with industrial firms or other agencies not directly associated with educational institutions. The remainder were from educational institutions. The twin cities, St. Paul and Minneapolis, claimed 167 of the registrants, of which number 138 were associated in some capacity with the University of Minnesota, 7 with other educational institutions in the twin cities and 22 with industrial firms.

The registration by states was as follows: Minnesota, 205; Wisconsin, 29; Illinois, 22; Ohio, 15; New York, 11; Michigan and Pennsylvania, 9 each; New Jersey, 6; North Dakota, South Dakota, California and Iowa, 5 each; District of Columbia and Missouri, 3 each; Massachusetts, Arkansas, Washington, Indiana, Montana, Maryland, Tennessee and Connecticut, 2 each; Colorado, Georgia, Kansas, Mississippi, North Carolina, Oklahoma, Oregon and Texas, 1 each. There were two registrants from Canada, and one each from Germany, Hungary and Czecho-Slovakia. Professor Herbert Freundlich, of the Kaiser Wilhelm Institute, Berlin-Dahlem, was the guest of honor.

R. A. GORTNER

APPOINTMENTS AT THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH

THE Board of Scientific Directors of the Rockefeller Institute for Medical Research announces the following appointments and promotions:

New Appointments:

Members:

Dr. Winthrop J. V. Osterhout
Dr. Florence R. Sabin

Associates:

Dr. Robert T. Hance
Dr. Marian Irwin

Assistants:

Dr. Lawrence W. Bass
Dr. William W. Beattie
Dr. Francis H. Case
Mr. William C. Cooper, Jr.
Dr. Charles A. Doan
Dr. Philip Finkle
Mr. Earl S. Harris
Dr. Charles H. Hitchcock
Dr. Philip Levine
Dr. Richmond L. Moore
Dr. Ralph S. Muckenfuss
Dr. Richard E. Shope
Dr. Hans Theiler

Fellow:

Dr. Telémaco S. Battistini

Promotions:

Fellow to Assistant:

Dr. David Davidson
Dr. Philip Reichert

Dr. Laura Florence, hitherto an associate in the department of animal pathology, has accepted an appointment as assistant professor of histology and embryology at the New York Homeopathic Medical College and Flower Hospital.

Dr. Stuart Mudd, hitherto an associate in pathology and bacteriology, has accepted an appointment as assistant professor of experimental pathology at the Medical School of the University of Pennsylvania, and as associate in pathology at the Henry Phipps Institute for the Study, Treatment and Prevention of Tuberculosis.

Dr. Christopher H. Andrews, hitherto as assistant in the department of the hospital, has accepted an appointment as assistant to Professor Francis R. Fraser, Medical Unit, St. Bartholomew's Hospital, London.

Dr. Douglas Boyd, hitherto an assistant in the department of the hospital, has accepted an appointment as assistant resident in surgery at Lakeside Hospital, Western Reserve University, Cleveland, Ohio.

Dr. Arnold M. Collins, hitherto an assistant in pathology and bacteriology, has accepted an appointment on the chemical research staff of the E. I. du Pont de Nemours Company, Wilmington, Delaware.

Dr. Robert Elman, hitherto an assistant in pathology and bacteriology, has accepted an appointment as assistant in surgery, department of surgery, Washington University Medical School, St. Louis, Missouri.

Dr. Joseph H. B. Grant, hitherto an assistant in pathology and bacteriology, has accepted an appointment as house officer in pediatrics at the Johns Hopkins Hospital.

Dr. C. Philip Miller, Jr., hitherto an assistant in pathology and bacteriology, has accepted an appointment as assistant professor of medicine in the graduate school of medicine of the University of Chicago.