

of the by-laws proposed for the new division; granting of a charter for the formation of a North Jersey Section of the society; reference of the proposed amendment to article 8 of the constitution of the society, making it possible to omit a general meeting when deemed advisable, to the membership; authorizing publication of the proceedings of local sections of the society in the *News Edition* in place of the *Journal of the American Chemical Society*, where they are now published; authorizing the elimination of addresses of new members of the society when their names are published and referring to their location according to the local section with which they are affiliated.

THE WASHINGTON MEETING OF THE AMERICAN PHYSICAL SOCIETY

THE one hundred and thirty-third regular meeting of the American Physical Society will be held in Washington, D. C., at the Bureau of Standards on Friday and Saturday, April 24 and 25. The first session will be at 10 o'clock on Friday morning. This session and the Saturday afternoon session will be held in the lecture room of the East Building. On Friday afternoon and Saturday morning there will be sessions in both the lecture room of the East Building and the lecture room of the Industrial Building.

Titles and abstracts of the papers to be presented are published in advance in the *Bulletin* of the society. These abstracts have not been corrected by the authors. After correction, they will be published in an early number of the *Physical Review*. There are 71 papers on the program of the Washington meeting.

On Friday evening there will be a dinner for members of the society and their friends at the Raleigh Hotel at 6:30 P. M. The price per person will be \$2.50.

The one hundred and thirty-fourth regular meeting of the society will be held in Portland, Oregon, on June 19, 1925, in affiliation with the Pacific division of the American Association for the Advancement of Science. Members intending to present papers at this meeting should have titles and abstracts ready for publication, in the hands of the local secretary for the Pacific Coast, D. L. Webster, Stanford University, California, not later than Saturday, May 16. Other meetings for the current seasons are as follows:

135. November 27-28, 1925. Chicago.

136. December 28-31, 1925, Kansas City. Annual meeting.

OFFICERS OF THE SOCIETY FOR 1925

President: Dayton C. Miller, Case School of Applied Science.

Vice-president: K. T. Compton, Princeton University.

Secretary: H. W. Webb, Columbia University.

Treasurer: G. B. Pegram, Columbia University.

Editor: G. S. Fulcher, Corning, New York

Pacific Coast Secretary: D. L. Webster, Stanford University.

Council: The president, vice-president, secretary, treasurer and managing editor; *Past Presidents:* A. A. Michelson, Carl Barus, E. L. Nichols, Henry Crew, W. F. Magie, Ernest Merritt, R. A. Millikan, J. S. Ames, Theodore Lyman, C. E. Mendenhall; *Elected Members:* H. G. Gale, D. L. Webster, F. C. Brown, A. L. Hughes, A. S. Eve, A. W. Hull, F. C. Blake and W. F. G. Swann.

THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY

THE twentieth anniversary of the organization of the advisory board of the Wistar Institute of Anatomy and Biology was celebrated at the buildings of the institute in Philadelphia on April 13. At a morning session Mr. Effingham B. Morris, president of the institute, presided and the following program was presented:

The Wistar Institute and its advisory board: DR. M. J. GREENMAN, director of The Wistar Institute.

Research at The Wistar Institute: DR. H. H. DONALDSON, professor of neurology at The Wistar Institute.

The publications of The Wistar Institute: DR. G. CARL HUBER, professor of anatomy and director of the Anatomical Institute at the University of Michigan, and DR. M. J. GREENMAN.

Changes in methods of biological research as pursued by museums and the possibilities of the future: DR. C. E. McCLUNG, professor of zoology and director of the zoological laboratory at the University of Pennsylvania.

The relation to medicine of institutes of anatomical research: DR. LEWELLYS F. BARKER, professor emeritus of medicine at the Johns Hopkins University.

Luncheon was served at the institute followed by an inspection of the museum and laboratories. In the evening there was a dinner at the Hotel Bellevue-Stratford, at which addresses were made by Professor Charles R. Stockard, of the Cornell Medical School, representing the Society of American Anatomists, and Professor Maynard M. Metcalf, chairman of the Division of Biology and Agriculture of the National Research Council, representing the American Society of Zoologists.

SCIENTIFIC NOTES AND NEWS

THE hundredth anniversary of the birth of Thomas Henry Huxley occurs on May 4. Huxley was born at Ealing and died at Eastbourne on June 29, 1895.

M. PAUL PAINLEVÉ, the mathematician, who succeeds M. Herriot as premier in France, holds the pro-

fessorship of celestial mechanics in the University of Paris.

DR. IRA REMSEN, emeritus president and professor of chemistry in the Johns Hopkins University, has been made an honorary member of the American Chemical Society.

DR. LEO LOEB, Edward Mallinckrodt professor of pathology at Washington University Medical School, has been elected a foreign member of the Deutsche Zentral Komitee zur Erforschung und Bekämpfung der Krebskrankheit of Berlin.

DR. LOUISE PEARCE, associate member of the Rockefeller Institute for Medical Research, has been elected a fellow of the Royal Society of Tropical Medicine and Hygiene.

A DINNER was given in the honor of Professor Arthur H. Compton, of the University of Chicago, by the Physics Society of Pittsburgh on April 23. Following the dinner, Dr. Compton addressed the members, discussing the scattering of X-rays.

DR. JOSEPH C. BLOODGOOD, surgeon in chief, St. Agnes Hospital, Baltimore, and associate professor of surgery in the Johns Hopkins Medical School, was tendered a dinner by the staff of the hospital on his return from a trip to Egypt.

A RECEPTION and luncheon was given by the Chamber of Commerce of Phoenix, Ariz., on April 15, in honor of Dr. William Allen Pusey, president of the American Medical Association, who delivered an address; Dr. Pusey also spoke at a dinner arranged by the Chamber of Commerce at Tucson, and on April 16 addressed the thirty-fourth annual session of the Arizona Medical Association at Bisbee.

At the Geographical Congress in Cairo on April 3 the United States minister presented the explorer Hassanein Bey with the Elisha Kent Kane medal of the Philadelphia Geographical Society.

SIR FRANCIS YOUNGHUSBAND was, on April 2, elected chairman of the Mathematical, Geodetic and Cartographic Section of the International Geographical Congress meeting at Cairo.

At the meeting of the Royal Geographical Society on April 5 the president announced the award of the Royal medals as follows: The Founder's Medal to Brigadier-General the Hon. C. G. Bruce, C.B., for his lifelong geographical work in the exploration of the Himalaya, culminating in his leadership of the Mount Everest Expeditions of 1922 and 1924. The Patron's Medal to Mr. A. F. R. Wollaston for his explorations and journeys in Dutch New Guinea, Central Africa and many other parts of the world. Other awards are: The Murchison grant to Mr. Eric Teich-

man for his travels in China and Tibet. The Back grant to Captain Bernier for his work in the Canadian Arctic. The Cuthbert Peek grant to Mr. Michael Terry in support of his proposed journey across Northern Australia. The Gill Memorial to Major R. E. Cheesman for his journey to the deserts of Jafura and Jabrin.

LORD BALFOUR has accepted the presidency of the newly-formed British Institute of Philosophical Studies. Professor L. T. Hobhouse is chairman of the council, and the following are members of the executive committee: The Master of Balliol, Mr. F. C. Bartlett, Professor C. P. Broad, Dr. William Brown, Miss Edgell, Mr. E. Gareke, Dr. Ginsberg, Professor Dawes Hicks, Professor L. T. Hobhouse, Mr. Julian Huxley, Professor F. B. Jevons, Mr. H. T. Laski, Sir Lynden Macassey, Professor J. H. Muirhead, the Hon. Bertrand Russell, Lady Rhondda, Sir Charles Sherrington, Professor Spearman and Miss Stebbing.

C. F. KORSTIAN, associate silviculturist at the Appalachian Forest Experiment Station, Asheville, N. C., has been appointed to a research fellowship in the School of Forestry of Yale University for the coming year, during which time he will be engaged in a study of the factors influencing the germination and early survival of the important American oaks. Both institutions are cooperating in this study.

PROFESSOR E. L. SEVRINGHAUS has been granted a leave of absence from the department of physiological chemistry of the University of Wisconsin, that he may spend about six weeks in the laboratory of Dr. Graham Lusk, of the Cornell Medical School. He left for New York early in April and is devoting his time to studies on the respiratory quotient.

DR. E. W. ADAMS, professor of chemistry at the Kansas State Teachers College at Pittsburg, has recently joined the research force of the Whiting Refinery of the Standard Oil Company of Indiana.

PAUL JACKSON, B.S., Kansas, 1923, has become a member of the research department of the Bakelite Corporation.

DR. RICHARD HAMER, of the physics department of the University of Pittsburgh, has been appointed chairman of the section of physics of the Pennsylvania Academy of Science.

WALLACE E. RICHMOND, head of the physics department of the Newton High School, has been elected president of the Eastern Association of Physics Teachers.

DR. FRANCIS R. FRASER, director of the Medical Unit of St. Bartholomew's Hospital, London, is visiting medical schools in the United States.

DR. H. K. ENDELL, a ceramic engineer of Germany, specializing in refractories, is visiting the United States. He is accompanied by his associate, Dr. F. W. Steger.

DR. ALBERT F. BLAKESLEE, of the department of genetics of the Carnegie Institution of Washington at Cold Spring Harbor, L. I., has returned from a four months trip in South America undertaken for the purpose of making a study of the Jimson Weed (*Datura Stramonium*). He took part in the third Pan-American Scientific Congress in Lima, Peru, and visited other places on the west and east coasts.

DR. A. B. STOUT returned in April to his work at the New York Botanical Garden after spending two months in southern Florida in a study of the flower behavior of avocados. This investigation was conducted in cooperation with the Florida Avocado Association, the Dade County (Florida) Farm Bureau and the Bureau of Plant Industry, the latter represented in the field work by Mr. E. M. Savage and Mr. T. Ralph Robinson. While in Florida Dr. Stout addressed the Florida Avocado Association on "Flower behavior of avocados with reference to pollination" and he also gave an address on "The clonal variety in horticulture" before the Florida State Horticultural Society at their thirty-eighth annual meeting.

GRETTIR ALGARSSON and the men who will accompany him on his exploration trip to the North Pole next month sailed on April 12 from Norway aboard the steamer *Iceland*, for Liverpool, from which port the start will be made. The final dash to the pole is to be made in a small airship of the Blimp type. Mr. Algarsson is taking with him 30 tons of cylinders, containing 50,000 cubic feet of gas for inflating the craft.

PROFESSOR H. S. JENNINGS, of the Johns Hopkins University, gave on April 3 the Phi Beta Kappa address at Goucher College, on "Biology and the advancement of man." He will give, during July and August, a series of lectures at the Hopkins Marine Laboratory, Pacific Grove, California, on "Heredity, environment and development."

ON April 8, the annual Alpha Omega Alpha lecture at the University of Illinois College of Medicine was given by Dr. George Dick and Dr. Gladys Dick, of the John McCormick Institute for Infectious Diseases, on the subject of "Scarlet fever."

DR. WILLIAM G. MACCALLUM, Baxley professor of pathology in the School of Medicine of the Johns Hopkins University, delivered the annual Conversational Lecture of the Pathological Society of Philadelphia in the College of Physicians on April 9.

DR. HARVEY W. WILEY, of Washington, D. C., addressed the Philadelphia County Medical Society on April 8 on "The importance of diet to health and vitality."

DR. WILHELM KOLLE, professor of medicine, University of Frankfurt-am-Main and director of the State Institute of Experimental Therapeutics, addressed the scientific staff of the Rockefeller Institute for Medical Research, New York, on April 17 on "Some new facts in regard to drug fastness."

PROFESSOR L. ASHER, of the chair of physiology at Berne, has accepted the invitation of four Spanish universities to deliver a course of lectures.

PROFESSOR H. A. LORENTZ, of Leyden, will deliver the fifteenth annual lecture of the Institute of Metals on May 6. The subject will be "The motion of electricity in metals."

THE seventy-fifth anniversary of the foundation of the Royal Meteorological Society will be celebrated on April 21 and 22. The celebrations include a visit to Kew Observatory and a lecture by Professor E. van Everdingen, director of the Royal Netherlands Meteorological Institute and president of the International Meteorological Committee.

A BRONZE bust of Frederick Courteney Selous, the hunter-naturalist and explorer of South Central Africa, who was killed in action in the campaign in German East Africa, has been placed in the Natural History Museum at Nairobi.

DR. DAVID TALBOT DAY, a leading authority on mineral and petroleum deposits, long chief of the division of mining and mineral resources of the United States Geological Survey, died in Washington on April 16 at the age of sixty-five years.

PROFESSOR CHARLES W. LAWRENCE, head of the engineering department at the University of Southern California, died on April 1 at the age of fifty-three years.

H. E. JONES, past president of the British Institution of Civil Engineers, died on March 24, aged eighty-two years.

SIR WILLIAM PECK, city astronomer of Edinburgh, in charge of the Calton Hill Observatory since 1889, died on March 7 in his sixtieth year.

LÉON MAQUENNE, distinguished for his work in organic and biological chemistry, has died at the age of seventy-two years.

Nature reports the death of Axel Wirén, professor of zoology at Upsala since 1893.

THE Dutch Congress of Natural Science and Medicine was held at Gröningen, from April 14 to 16.

HONORARY recognition has been conferred by the University of Wisconsin on four Wisconsin farmers and one Missouri man for outstanding service to the agriculture of the state and nation. Recognition is given by the university every February at the close of Farmers' Week, to from two to five men who have been outstanding leaders in agriculture. Dr. Edward A. Birge, the president, who has just completed 50 years of service in the university, presented the diplomas.

PRESIDENT COOLIDGE has signed an order establishing national forests in eight military reservations. These are Pines Plains and Camp Upton, New York; Camp Dix, New Jersey; Tobyhanna Artillery Range, Pennsylvania; Camp Meade, Maryland, and Forts Humphreys, Eustis and Lee, Virginia.

UNIVERSITY AND EDUCATIONAL NOTES

THE University of Leyden, founded in 1575, celebrated early in April its three hundred and fiftieth anniversary.

DR. WILLIAM J. CROZIER, professor of zoology at Rutgers University, has accepted a professorship at Harvard University.

PROFESSOR S. LEFSCHETZ, of the University of Kansas, has been appointed to an associate professorship of mathematics at Princeton University.

THE physics department of Princeton University announces the appointments of the following men as assistant professors: Dr. Henry D. Smyth, former National Research fellow and at present instructor in this department; Dr. Louis A. Turner, National Research fellow at Harvard University; Dr. Allen G. Shenstone, demonstrator in physics at the University of Toronto; Dr. Charles T. Zahn, National Research fellow at Princeton University.

DR. GILBERT MORGAN SMITH, of the University of Wisconsin, known for his work on algae, who was a visiting professor at Stanford University last year, will join the Stanford faculty permanently next year. Professor Douglas H. Campbell retires at the end of this year.

SOLON SHEDD, head of the department of geology at the State College of Washington and state geologist of Washington, has accepted a position at Stanford University, where he will have charge of the John Casper Branner Memorial Geological Library.

EARLE B. PHELPS has been appointed professor of sanitary science at the College of Physicians and Surgeons, Columbia University. Professor Phelps has for a number of years been a member of the faculty

of the department of biology and public health of the Massachusetts Institute of Technology and was later professor of chemistry at the Hygienic Laboratory, U. S. Public Health Service at Washington. The department of sanitary science is the second department of a group which will eventually constitute the Institute of Public Health of Columbia University founded under the terms of the will of the late Joseph De Lamar. The department of public health administration is headed by Professor Haven Emerson, who is responsible for developing this new effort in education and research in preventive medicine. In August the position of assistant professor of epidemiology will be filled and in September a new assistant professor of medicine in industrial hygiene will be added to the staff.

DR. N. B. DRYER, formerly of University College, London, has accepted an appointment in the department of physiology of Dalhousie University at Halifax.

DISCUSSION AND CORRESPONDENCE CONFUSING TRAFFIC SIGNALS

A COUPLE of years ago I almost got into serious trouble for flagrant disregard of traffic signals, when, in fact, I supposed I was obeying them, and came to with a queer "gone" feeling when told quite fiercely that I was not. I had wanted to drive across Euclid Avenue, an east and west main thoroughfare, had seen the "stop" signal, had said "That's good" and had driven straight across.

What was wrong? Not only was I tired, but the occurrence took place at the end of a long period in which I had not been driving but had done a good deal of dodging to and fro across the avenue on foot. To a person on the sidewalk the word "stop" in the middle of the crossroads means "It is safe to cross the street you are on" (Figure No. 1); and if most

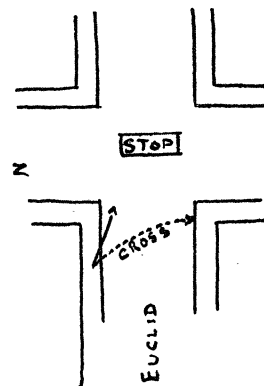


FIG. 1

of a pedestrian's careful street-crossing is done on some one street, like Euclid Avenue, the sign comes