

doned for using so prominent a place in the *Quarterly* to give general notice of this fact. It would seem to me unfortunate that the society should come to the election of officers at the Toronto convention without being precisely informed on the matter and having considered carefully candidates for the place. I should not wish in any way to be charged with undue consideration for the work of the office, but I am sure that I should be false to my obligations to the society at large if I did not indicate the proposed change in adequate time for that part of the membership which is interested in the society to give proper thought to the election of my successor. I am sure that the society can secure a better man for the place, but all of us know that chance nominations on the floor of a convention frequently result in the choice of an individual who for various reasons is unable to assume the responsibilities of the position, even though he may be adequately endowed to discharge its duties with credit to himself and entire satisfaction to the organization.

SCIENTIFIC NOTES AND NEWS

THE Royal Society has made the following awards: Royal medals to Sir Frank Dyson, astronomer royal, for his researches on the distribution of the stars, and to Dr. F. F. Blackman, for his researches on the gaseous exchange in plants; the Copley medal to Sir Joseph Larmor, for his researches in mathematical physics; the Davy medal to Professor Philippe A. Guye, for his researches in physical chemistry; and the Hughes medal to Professor Niels Bohr, for his researches in theoretical physics.

ACCORDING to press reports, the Nobel prize for chemistry for 1920 has been awarded to Professor Walter Nernst, of Berlin. The prizes for chemistry and physics for 1921 have been reserved for next year. It is said that the prize in medicine will not be awarded this year, and that the candidates that have been considered most eligible are the English physiologist, Sherrington, the Netherlands professor, Magnus, and the two brain specialists, Henschen of Sweden and Vogt of Germany.

THE Jenner Memorial Medal of the Royal Society of Medicine has been awarded to Sir

Shirley Forster Murphy in recognition of distinguished work in epidemiologic research.

B. B. GOTTSBERGER has been elected secretary of the Mining and Metallurgical Society of America.

LATHROP E. ROBERTS, of Northampton, Mass., has been appointed to the staff of the Bureau of Mines at Berkeley, California, to take charge of work in physical chemistry.

DR. E. D. BALL has been appointed by Secretary Wallace as the representative of the Department of Agriculture on the research information service of the National Research Council to take the place of Dr. Carl L. Alsberg. The secretary has also named Dr. Frederick B. Power, for many years director of the Wellcome Research Laboratory of London and now in charge of the phytochemical laboratory of the bureau of chemistry, as a representative of the bureau in the division of federal relations in the place of Dr. Alsberg.

PROFESSOR WARREN D. SMITH is remaining in the Philippine Islands another year as chief of the Division of Mines, Bureau of Science, his leave of absence from the University of Oregon having been extended.

WALTER F. CAMERON, formerly deputy chief government geologist, Geological Survey of Queensland, and chairman of the committee on development of oil and gas at Roma, has been appointed mining geologist to the Federated Malay States Government and has commenced his new duties at Ipoh, Kinta District, Perak.

DR. CLEMENS PIRQUET, professor of pediatrics in the University of Vienna, will deliver the third Harvey Society Lecture at the New York Academy of Medicine, on December 17. His subject will be "Nutrition treatment of tuberculosis in childhood."

DR. H. H. LOVE, of Cornell University, has returned to Ithaca, having spent a week each at the Kansas Agricultural College and the Iowa Agricultural College, where a series of lectures were given on the probable error and its relation to experimental results.

THE regular lecture at the Johns Hopkins University School of Hygiene and Public Health was given on November 28 by Dr. S. Josephine Baker, director of the Bureau of Child Hygiene, Department of Health, New York, who spoke on "The place of child hygiene in a public health program."

PROFESSOR J. H. MATHEWS, director of the course in chemistry at the University of Wisconsin, lectured before the department of chemistry at Oberlin College, on November 30, on the subjects: "A general survey of photochemistry" and "Color photography." The following evening he spoke before the Cleveland Section of the American Chemical Society on the subject: "Photochemistry and some of its research problems."

THE ninety-sixth Christmas course of juvenile lectures, founded at the Royal Institution in 1826 by Michael Faraday, will be delivered this year by Professor J. A. Fleming, F.R.S., on "Electric waves and wireless telephony."

JOHN D. ROCKEFELLER has provided funds for the purchase of the birthplace of Pasteur at Dôle in the Jura. It will be transformed into a museum in which will probably be housed an extensive medical and surgical library, with the authentic documents of Pasteur.

THE memorial tablet to the late Lord Rayleigh was unveiled in the north transept of Westminster Abbey on November 30. It is placed between the memorials to Sir Humphry Davy and Dr. Thomas Young.

DR. SHERIDAN DELÉPINE, professor of public health and bacteriology and director of the public health laboratory, University of Manchester, died on November 13 at the age of sixty-six years.

WORD has been received from Russia of the death on January 2, 1921, at the age of eighty-one years, of Dimitri Konstantinovich Tschernoff, eminent for his work on the metallography of iron.

THE annual meeting of the Society of Economic Geologists will be held in con-

junction with the annual meeting of the Geological Society of America at Amherst College from December 28 to 30.

FORMAL organization of the American Association of Textile Chemists and Colorists was completed at a meeting held in the Engineers' Club at Boston on November 3. Professor Louis A. Olney, of the Lowell Textile School, was elected president.

THE Institution of Rubber Industry held its first meeting in the lecture hall of the Royal Society of Arts on October 19, when Mr. J. H. C. Brooking delivered a presidential address.

AN International Congress of Maternal and Child Welfare will be held in Paris, July 6 to 8, 1922.

At a meeting of the British Optical Society held on October 13, the resolution passed early in 1915 suspending certain members, subjects of countries then at war with Great Britain, was revoked.

STEPS have been taken to organize the engineers of the British Empire on the lines pursued by the Federated American Engineering Societies.

BEGINNING with the January issue, the *Journal of Orthopedic Surgery*, the official organ of the American Orthopedic Association and of the British Orthopedic Association, has announced that the publication will change from a monthly to a quarterly publication.

ASTRONOMICAL journals report that early in 1920 following a call sent out by leading German men of science, an Einstein fund was raised. The purpose of the fund is to test the relativity theory experimentally and to make possible the development in Germany of its astrophysical consequences. Sufficient funds were obtained, thanks to the Ministry and Germany Industry, to undertake the construction of a tower-telescope and a physical laboratory.

PROFESSOR WILLIAM HERBERT HOBBS, now making a geological reconnaissance in charge of the Osborn Expedition from the University

of Michigan, has reached Manila after six weeks spent in examining the Bonin, Marianne and Caroline Islands in the western Pacific Ocean. Until he reached Yap on September 11, he was traveling as the guest of the Japanese Navy Department. At Yap the U. S. gunboat *Bittern* was placed at his disposal and the Pelews and scattered islands to the southwest were visited. He sailed on the *Bittern* on October 3 for a 4000-mile cruise along the great Sumatra mountain arc and through the Nicobar and Andaman islands to Rangoon, Burma. He will then proceed to Europe to lecture at the Universities of Delft and Utrecht, during the spring semester.

UNIVERSITY AND EDUCATIONAL NEWS

THE *Journal* of the American Medical Association states that the University of Colorado is waging an active campaign to raise the remaining \$200,000 necessary to insure the erection of the new medical school and state hospital. Toward the \$1,500,000 which the project will cost, the General Education Board has pledged \$700,000 and the state has appropriated \$600,000, both sums contingent upon the raising of the \$200,000 balance by the university. An effort will be made to obtain one dollar from each of 200,000 citizens of Colorado.

DR. ELIHU THOMSON, chief consulting engineer of the General Electric Company, has again been appointed acting president of the Massachusetts Institute of Technology, a post which he filled after the death of Dr. Richard C. Maclaurin in January, 1920, and will continue until a successor to President Nichols is named. The educational affairs of the institute will continue to be directed by a faculty administrative committee consisting of Professor Henry P. Talbot, head of the department of chemistry and acting dean; Professor Edward F. Miller, head of the department of mechanical engineering and chairman of the faculty, and Professor Edwin B. Wilson, head of the department of physics.

ELIOT BLACKWELDER, A.B., Ph.D. (Chicago),

will become professor of geology at Stanford University next year, succeeding Dr. Bailey Willis, who will retire in accordance with the provision by which professors of Stanford become emeritus at the age of sixty-five. Professor Blackwelder is now lecturing at Harvard, filling the place of Professor Daly, who is absent on leave in South Africa.

E. H. WELLS, who has conducted special geological investigations for the Chino Copper Company, has been elected president of the New Mexico State School of Mines at Socorro.

DR. E. EUGENE BARKER, formerly assistant professor of plant breeding in Cornell University and more recently of the Insular Government Service, Las Piedras, Porto Rico, has become associate professor of botany, with particular reference to genetics, in the University of Georgia.

C. W. WATSON, a graduate of the Yale Forest School in 1920, has been called to the School of Forestry, University of Idaho, as instructor in forestry. Mr. Watson spent the past year in study abroad under a traveling fellowship in forestry granted by the American-Scandinavian Foundation.

MR. STANLEY WYATT, investigator to the Industrial Fatigue Research Board in England, has been appointed lecturer in psychology at the University of Manchester.

COL. SIR GERALD LENOX-CONYNGHAM, F.R.S., has been appointed fellow and prelector in geodesy at Trinity College, Cambridge.

DISCUSSION AND CORRESPONDENCE AN ENGLISH TRANSLATION OF HELMHOLTZ'S "OPTIK"

TO THE EDITOR OF SCIENCE: Many readers of SCIENCE will be glad to know that the council of the Optical Society has appointed a committee to make arrangements for bringing out an English translation of Helmholtz's great work on physiological optics.

The first edition of the "*Handbuch der physiologischen Optik*" was published in 1866, more than half a century ago; and the fact that this epoch-making work, which remains to-day the most original treatise on physiolog-