

for the work, an unusual method of competition will be followed to fill the vacancy. Instead of the usual form of civil-service examination, the qualifications of candidates will be passed upon by a special board of examiners, composed of Dr. C. G. Abbot, secretary of the Smithsonian Institution; Dr. A. V. Kidder, ethnologist of the Carnegie Institution, and Mr. Frederick W. Brown, assistant chief of the examining division of the U. S. Civil Service Commission, who will act as chairman of the committee. For the purpose of this examination, all of these men will be examiners of the Civil Service Commission.

The examination will consist solely of the consideration of qualifications by the special board. The minimum qualifications for consideration are recognized eminence in American ethnological research, and experience of a length and character to demonstrate high ability in the direction and prosecution of ethnological research, administrative capacity of high order and thorough familiarity with the literature of American ethnology and archeology, and with the activities of scientific and professional organizations and institutions concerned with the subject. The applicant must possess the personality and demonstrated capacity for leadership, which will enable him successfully to lead and direct the personnel of research units and to enter into successful cooperative relations with other research and administrative agencies and the general public.

The entrance salary for this position is \$5,200 a year. Applications must be on file with the U. S. Civil Service Commission at Washington not later than May 31.

ANNUAL MEETING OF THE AMERICAN ASSOCIATION OF MUSEUMS

THE twenty-third meeting of The American Association of Museums will be opened by the President of the United States, Calvin Coolidge, in Washington, D. C., on the morning of Wednesday, May 16. The occasion is to be a joint session held with The American Federation of Arts.

The meetings of both organizations will continue during three days, closing on the evening of Friday, May 18, with a joint annual dinner. On each of the days there will be sessions in the morning, afternoon and evening. This plan is an experiment and represents a reaction to recent meetings which have provided free afternoons for social functions and personal business of delegates.

The program is equally divided between the interests of those in each of the three major fields of museum work—art, science and history. A general session and a round table are scheduled for each group and in addition there will be sessions devoted

to matters of concern to all. Several of the sessions will be held jointly with The American Federation of Arts.

The opening session—after the president's welcome and brief addresses—will be devoted to the vital problem of coordinating educational resources in the community. In the afternoon there will be a joint session on art museum problems. In the evening simultaneous round tables on special subjects will be held.

The second day will begin with a joint session on adult education. In the afternoon there will be a general session on science museum problems and in the evening one on history museum problems. The general topic in the afternoon will be trends in science museum exhibitions and in the evening the question of the historical museum in relation to the historical society. All of the sessions during the first two days are to be held at the Mayflower, which is hotel headquarters.

On the third day the scene will change to the Corcoran Gallery of Art. The morning and afternoon will be taken up with a symposium on educational problems and school people will join with museum workers in the program and the discussion. It is believed that the time allowed will enable the meeting to arrive at conclusions respecting many subjects which have been treated inadequately at former conferences for want of time.

On each of the first two days arrangements have been made for members of the federation and of the association to lunch at hotel headquarters and if circumstances are favorable impromptu programs of informal character will be arranged.

THE NATIONAL ACADEMY OF SCIENCES

At the annual meeting of the National Academy of Sciences in Washington nine new members were elected as follows: Dr. John August Anderson, astronomer at the Mt. Wilson Observatory; Dr. William Mansfield Clark, professor of biochemistry at the Johns Hopkins Medical School; Dr. Arthur Keith, of the U. S. Geological Survey; Charles F. Kettering, head of the research laboratory of the General Motors Corporation; Dr. Alfred L. Kroeber, professor of anthropology at the University of California; Dr. Rudolph Ruedemann, state paleontologist for New York; Dr. Philip A. Shaffer, professor of biochemistry at the Washington University Medical School; Dr. George M. Stratton, professor of psychology at the University of California, and Dr. Lewis M. Terman, professor of psychology at Stanford University. Sir Robert A. Hadfield, British engineer, chemist and

metallurgist, was elected a foreign associate. Dr. Joseph S. Ames, provost of the Johns Hopkins University, treasurer of the academy; Dr. W. B. Cannon, of the Harvard University Medical School, and Dr. Gano Dunn, New York engineer, were elected to serve three years on the council. Dr. George K. Burgess, director of the U. S. Bureau of Standards, was elected chairman of the National Research Council, succeeding Dr. Gano Dunn.

At the annual dinner of the academy on April 24 medals were awarded as follows:

Agassiz Medal for Oceanography—awarded to V. Walfrid Ekman, University, Lund, Sweden, in recognition of his outstanding work in physical oceanography. Dr. Ekman being unable to be in this country at the time of the meeting, the medal was received for him by Minister Bostrom, of Sweden, to be transmitted to Dr. Ekman through diplomatic channels.

Henry Draper Medal—awarded to William Hammond Wright, Lick Observatory, Mt. Hamilton, California, a member of the National Academy of Sciences, for his researches on nebulae, new stars and planetary atmospheres.

Public Welfare Medal (medal for eminence in the application of science to the public welfare)—awarded to Charles V. Chapin, Health Department, Providence, R. I., for his contributions to public health and his work in the administrative control of disease.

Mary Clark Thompson Medal and honorarium of \$250.00—awarded to James Perrin Smith, Palo Alto, California, a member of the academy, in recognition of his accomplishment in paleontology of Triassic.

SCIENTIFIC NOTES AND NEWS

ELMER A. SPERRY, inventor and engineer, has been awarded the Holley medal by the American Society of Mechanical Engineers for his achievements in the invention of the gyroscope. Presentation of the medal will be made on May 16 at a dinner which is to be held during the spring meeting of the American Society of Mechanical Engineers in Pittsburgh.

DR. CHARLES-EDWARD A. WINSLOW, Anna M. R. Lauder professor of public health in the Yale University School of Medicine, has been awarded the Ling medal by the Ling Foundation of Los Angeles in recognition of his "work in behalf of the health progress of school children."

THE Samuel Finley Breese Morse gold medal of the American Geographical Society has been voted to Captain George H. Wilkins by the board of directors of the society in recognition of his explorations in the Arctic, and particularly of his flight from Point Barrow to Spitzbergen. King George has approved the award of the Patrons royal medal of the Royal

Geographical Society for this year to Captain Wilkins.

DR. JONATHAN A. W. ZENNECK, professor of experimental physics at Munich, has been awarded the medal of honor of the Institute of Radio Engineers, for his "contributions to original research in radio and his scientific and educational contributions to the literature of the pioneer radio art." The medal will be presented to Dr. Zenneck's representative in this country on June 6 at a meeting in the Engineering Societies Building, New York.

THE Plummer medal for 1927, granted by the Engineering Institute of Canada, has been awarded to Dr. J. W. Shipley and Charles F. Goodeve, of the department of chemistry of the University of Manitoba, for their work on alternating current electrolysis. This is the second time that Dr. Shipley has received this award, his work in conjunction with W. Nelson Smith on corrosion of metals earning the award in 1922.

THE Faraday medal of the British Institution of Electrical Engineers was presented to Professor J. A. Fleming at the ordinary meeting of the institution held on April 19. The presentation preceded the nineteenth Kelvin lecture, by Sir Oliver Lodge, on "The Revolution in Physics."

THE University of Liverpool will celebrate the twenty-fifth anniversary of its charter on May 10 and 11, when honorary degrees, including the following, will be conferred: D.Sc.: Professor J. E. Littlewood, Rouse Ball professor of mathematics in the University of Cambridge, for distinguished contributions to mathematical science; Professor Robert Robinson, professor of organic chemistry in the University of Manchester, for eminence as an organic chemist. LL.D.: Professor J. W. Gregory, professor of geology in the University of Glasgow, for distinguished services to geology, geography and exploration. D.Eng.: Professor J. A. Fleming, emeritus professor of electrical engineering at University College, London, for distinguished services in the advance and application of electrical science.

DR. EMIL ABDERHALDEN, professor of physiology in the University of Halle, has been made an honorary member of the Chinese Physiological Society, Peking.

DR. HIDEYO NOGUCHI, of the Rockefeller Institute for Medical Research, has been elected a foreign member of the Società Medica Chirurgica di Bologna.

PROFESSOR YUKICHI OSAKA has retired from the chair of physical chemistry, which he has held for twenty-three years at the Kyoto Imperial University.