

affiliated societies of the Pacific Division will arrange to hold their annual meetings at Mills College.

A meeting of the affiliation committee, comprising delegates from the various affiliated societies, will be held early in February to consider matters relating to their respective meetings.

The Executive Committee of the Pacific Division is constituted as follows:

Robert G. Aitken, president; associate director, Lick Observatory, Mount Hamilton, California.

Joel H. Hildebrand, vice-president and chairman of the executive committee; professor of chemistry and dean of men, University of California, Berkeley.

Walter S. Adams, director, Mount Wilson Observatory, Pasadena.

Bernard Benfield, consulting engineer, Kohl Building, San Francisco.

Leonard B. Loeb, assistant professor of physics, University of California, Berkeley.

E. G. Martin, professor of physiology, Stanford University.

Emmet Rixford, professor of surgery, Stanford University.

J. O. Snyder, professor of zoology, Stanford University.

O. F. Stafford, professor of chemistry, University of Oregon, Eugene.

SCIENTIFIC NOTES AND NEWS

DR. FREDERICK GARDNER COTTRELL, director of the Fixed Nitrogen Research Laboratory of the United States Department of Agriculture, has been awarded the gold medal for 1924 of the Mining and Metallurgical Society of America. The medal was presented at a luncheon held in his honor at the Cosmos Club, Washington, D. C., on December 7.

PROFESSOR A. N. TALBOT, head of the department of theoretical and applied mechanics in the University of Illinois, has been elected an honorary member of the American Society of Civil Engineers.

DR. C. E. K. MEES, director of research in the laboratories of the Eastman Kodak Co., has been made an honorary member of the French Photographic Society in recognition of his work on the fundamentals underlying the physics and chemistry of photography.

DRS. FEWKES, Swanton, Michelson and Mr. Hewitt, of the U. S. Bureau of Ethnology, have been notified of their election to honorary membership in the Hermann Barth Gesellschaft, of Vienna.

DR. RICHARD MOLDENKE, of New Jersey, was recently chosen to be the first recipient of the Joseph S. Seaman gold medal, awarded by the American Foundrymen's Association in recognition of his many contributions to the foundry industry.

MR. GEORGE EASTMAN, chairman of the board of directors of the Eastman Kodak Company, has been elected an honorary member of the Synthetic Organic Manufacturers Association in recognition of the work done by the company in its research laboratories in the manufacture of synthetic organic chemicals.

SIR WILLIAM BRAGG had conferred upon him the honorary degree of laws by St. Andrews University, on the occasion of the opening of the new laboratories of physics and chemistry at the University on December 4.

DR. HANS OSCAR JUEL, professor of botany at the University of Upsala, and Dr. Svante Marbeck, director of the Botanical Gardens at Lund, Sweden, have been elected foreign members of the Prussian Academy of Sciences.

PROFESSOR H. A. LORENTZ, of Leyden, on December 11 celebrated the fiftieth anniversary of his appointment as doctor of mathematics and philosophy. Among those who were present at Leyden University to honor the distinguished scholar were Professor A. S. Eddington, of Cambridge; Madame Curie, of Paris, and Professor Einstein, of Berlin.

DR. R. D. M. VERBEEK, the well-known East Indian geologist, has celebrated his eightieth birthday at The Hague. A "gift-book" was presented to him, containing forty-five scientific contributions from geologists in the Netherlands, the Netherlands East Indies, Japan, the Malay States, Indo-China, New Zealand, Australia, Papua, the Philippines, the United States, Germany and France.

THE university council of the University of Wisconsin has voted to recommend that the mining engineering building, which was largely designed by Dean Stephen M. Babcock and in which he carried on his work for seventeen years, be named Babcock Hall in his honor. Professor Babcock recently celebrated his eighty-second birthday.

S. W. PARR, professor of applied chemistry in the University of Illinois, has been elected to the board of directors of the American Chemical Society to succeed Professor William Hoskins, of Chicago.

DR. HARRY C. OBERHOLSER, ornithologist in the Biological Survey of the United States Department of Agriculture, has been elected president of the Biological Society of Washington.

DR. A. J. CARLSON, professor of physiology at the University of Chicago, was elected president of the Institute of Medicine of Chicago at a meeting of the board of governors on December 9. Dr. Robert B. Preble was elected vice-president; Dr. George H. Coleman, secretary; Dr. John Favill, treasurer, and Dr. Ludvig Hektoen, chairman of the board.

DR. ALBERT W. BUCK, of the Johns Hopkins Hospital, has been named superintendent of the New Haven Hospital, to succeed Dr. Willard C. Rappleye, who recently resigned to become chairman of the International Commission on Medical Education.

EARL H. MORRIS, who has been in charge of the excavations and the restoration work of the Carnegie Institution's Chichen Itza project, is to return to the American Museum of Natural History as associate curator of American archeology.

DR. MARGARET MEAD, now studying among the Samoans as an anthropological fellow of the National Research Council, has been appointed assistant curator of ethnology of the American Museum of Natural History. She will take up her duties in September.

ROSCOE NUNN, of Nashville, Tenn., has been appointed meteorologist in charge of the Baltimore Weather Bureau Station to take the place of James H. Spencer.

WALTER F. RITTMAN, of the Carnegie Institute of Technology, has been appointed consulting chemical engineer to the Fixed Nitrogen Research Laboratory of the Department of Commerce.

PROFESSOR V. V. USPENSKY, a member of the Russian Academy of Science, has been appointed lecturer in mathematics at the University of Michigan for the semester beginning next February.

SIR RONALD ROSS, director of the new Ross Institute of Tropical Diseases, left for Ceylon on December 11. His journey is being undertaken at the invitation of the Ceylon Association and he will investigate conditions in the island from the point of view of malaria control.

DR. KEIJI ITO, consulting engineer of the Toho Electric Power Company and professor of the Tokyo Institute of Technology, is visiting the United States, where he is making a study of the application of motors to industrial equipment and household appliances.

DR. VLADIMIR ULÉHLA, professor of plant physiology in the University of Brunn, Czechoslovakia, who has been working with Dr. D. T. MacDougal, of the Carnegie Institution of Washington, sailed for Europe on December 19. Dr. Uléhla has visited many laboratories in the United States for the purpose of obtaining information to be used in completing the buildings and equipment of the laboratories of the University of Brunn.

DEAN WILLIAM FREDERICK BADE, of the Pacific School of Religion, will be the delegate of the University of California to the Archeological Congress, which convenes in Jerusalem next May. Dr. Bade is also

heading an archeological expedition to Palestine, the British Department of Antiquities having signified its intention to grant him a permit to excavate Tel-en-Nasbeh (by many regarded as the biblical Mizpah), near Jerusalem, during the coming spring.

F. D. KERN, head of the department of botany and dean of the graduate school at Pennsylvania State College, has been granted a year's leave of absence ending July 1, 1926, and from September to June is serving as acting dean of the college of agriculture of the University of Porto Rico.

PROFESSOR CHARLES SCHUCHERT, of Yale University, will give a course in stratigraphic geology at the University of Texas during the winter term of the present year. The course will include principles of stratigraphy; the stratigraphy of North America with special reference to the Paleozoic and Mesozoic; and index fossils which characterize the major divisions of the geologic record.

DR. GEORGE L. STREETER, chief of the department of embryology of the Carnegie Institution, Washington, D. C., gave an illustrated lecture before the Baltimore City Medical Society on December 4 on "The Miller Specimen, the Youngest Known Human Embryo." Dr. Dean Lewis, of the Johns Hopkins University Medical School, spoke on "Surgical Diseases of the Large Bowel."

DR. HENRY SEWALL, emeritus professor of medicine, University of Colorado School of Medicine, will give a series of six lectures for the San Diego Medical Lectureship Fund, San Diego, beginning January 4, 1926, on "Physiology," which will pertain chiefly to the metabolism of respiration and the endocrines.

THE University of Liverpool has established a post-graduate scholarship in oceanography in memory of the late Sir William Herdman. A sum of £1,000 has been contributed for this purpose.

PROFESSOR EDWARD SYLVESTER MORSE, director of the Peabody Academy in Salem, Mass., and formerly professor of comparative anatomy and zoology at Bowdoin College and at the University of Tokyo, died on December 21 in the eighty-eighth year of his age.

DR. JOHN TAYLOR BOTTOMLEY, associate in surgery in the graduate courses in medicine at the Harvard Medical School, died on December 17 in the fifty-seventh year of his age.

DR. JAMES T. PRIESTLEY, of Des Moines, Iowa, for many years a prominent physician and well-known scientific man in the West, died on December 11 at the age of seventy-four years. He was a grandson of Joseph Priestley, the discoverer of oxygen.

DR. EDMUND KNECHT, associate professor of ap-

plied chemistry in the University of Manchester and in the College of Technology, died on December 8 at the age of sixty-four years.

DR. JAMES MURIE, the English naturalist, has died at the age of ninety-five years.

W. P. HIERN, F.R.S., the well-known systematic botanist of England, recently died, aged eighty-five years.

DR. W. R. DYKES, secretary of the Royal Horticultural Society, London, and an authority on the genus *Iris*, died on December 1, aged forty-eight years.

DR. CARL SCHOY, who was recently called to the University at Frankfort-am-Main to take charge of the work in the history of oriental mathematics, died on December 6 at the age of forty-eight years. A correspondent writes that Dr. Schoy was well known as a writer on the history of Arabic mathematics. Although he took up the study of the subject rather late in life, he made great progress in his work, and during the last few years he has written a number of important memoirs upon the subject of Arabic mathematics and astronomy.

SECTION officers for the Seventh Annual Meeting of the Southwestern Division of the American Association for the Advancement of Science, which meets from February 15 to 18, are as follows: Biology, Charles T. Vorhies, *chairman*, University of Arizona; Dr. W. P. Taylor, *secretary*, University of Arizona; education, Dr. Frank C. Lockwood, *chairman*, University of Arizona; Dr. J. O. Creager, *secretary*, University of Arizona; medical science, Dr. Gerald B. Webb, *chairman*, 402 Burns Building, Colorado Springs; Dr. I. E. Wallin, *secretary*, University of Colorado Medical School, Denver; Physical Science, Dr. O. C. Lester, *chairman*, University of Colorado; Professor F. M. Life, *secretary*, University of Arizona; social science, Professor E. B. Renaud, *chairman*, University of Denver; Henry B. Roberts, *secretary*, University of Denver. Members wishing to present papers in any of the above sections should send titles to the proper section chairman. Papers on special subjects not covered by any of the above sections should be submitted to the executive committee, A. L. Flagg, *chairman*, 306 Goodrich Building, Phoenix, Arizona.

THE American Association of University Professors held its twelfth annual meeting at the University of Chicago on December 28 and 29. The program included the election of officers; the presentation of committee reports, a luncheon with the Modern Language Association, and the annual dinner at which the principal speakers were President Max Mason, of the University of Chicago, and Professor

A. O. Leusehner, of the University of California, president of the association.

THE next meeting of the American Chemical Society will be held in Tulsa, Oklahoma, from April 5 to 9.

THE scientific society known as the Priestley Club, founded in 1875 to promote the discussion of scientific topics and facilitate the social intercourse of scientific men, celebrated the attainment of its jubilee by a dinner at the University of Leeds, England, on December 15. The speakers included Sir J. C. Irvine, principal of St. Andrews University, the vice-chancellor of Leeds University and Professor Arthur Smithells.

THE National Research Council, operating on a grant of \$50,000 provided by the General Education Board of New York, has undertaken the study of a new forestry policy for the United States and its workers are about to begin an examination of all the sciences, from the directly related subjects of botany and zoology to the ones more remotely concerned, like geology and chemistry, with a view to correlating all the information obtainable in the development of new ideas. The survey was first proposed by Chief Forester W. B. Greeley, of the U. S. Forest Service, and will be carried through by Dean H. S. Graves, of the Yale University school of forestry; Professor I. W. Bailey, of Harvard University, and Dr. H. A. Spoehr, of the Carnegie Institution of Washington.

THE General Education Board has made an appropriation of \$35,000 to the American Chemical Society to insure the publication of the second decennial index of *Chemical Abstracts*. Therefore the directors of the society have been able to authorize the work and the editor will take immediate steps to begin the preparation of the material.

IT is reported that the sum of over \$250,000 has already been collected in Germany for Dr. Eckener's fund to build a Zeppelin for scientific exploration.

THE collections made by Dr. Aleš Hrdlička in South Africa have reached the U. S. National Museum. They comprise fragmentary fossils of apes from the Taungs (Buxton) quarry; paleolithic implements from Bechuanaland and the Zambesi, and a series of decorated baskets from Northern and Southern Rhodesia.

MEMBERS of the Sterling expedition to New Guinea, under the auspices of the Smithsonian Institution, completed the second part of their journey recently, arriving in Manila on December 24. The expedition next will go to Batavia, where outfitting will be completed.

THE Smithsonian Institution has arranged to fur-

nish through the United States Weather Bureau, the telegraph companies, the Associated Press and Science Service, daily or 10-day mean values of the solar constant of radiation for use in weather forecasting, beginning on January 1. For the purpose of studying the solar constant of radiation, the Smithsonian Institution has established observatories on the top of the Andes Mountains in Chile and on Table Mountain, California. It is from these stations that the institution proposes to broadcast through the agencies named, if they wish the information, the values of radiation.

IN consideration of the excessive use of laurel, ground pine and holly for Christmas decorations, the Brooklyn Botanic Garden held an exhibit from December 8 to 23, the purpose of which was to show cultivated plant materials which should prove satisfactory as substitutes for the wild plants above mentioned.

ACCORDING to the *American Medical Journal*, a research section has been established by the U. S. Veterans' Bureau, and Dr. Philip B. Matz has reported to the central office for duty as chief. The purpose of the section is to study available medical data, the results accomplished, the developments of new policies, and the investigation of standards in medical centers for improvement of clinical work and the furtherance of research. The chief will be responsible for the study of the clinical material in the hospitals and outpatient departments of the bureau, with particular reference to the results of treatment. He will survey the records kept in the central office and in the field to determine their adequacy for the purpose of investigation. Certain laboratories of the bureau will be designated as research laboratories, which in addition to caring for the routine of the institutions concerned will engage in broader work to be assigned from time to time. These laboratories will also be distributing centers for culture mediums, standardized solutions, Wassermann reagents, typhoid and other cultures and various agglutinating serums.

THE International Institute of Intellectual Cooperation, of the League of Nations, has according to the *London Times* settled into the offices which have been provided for it in Paris by the French government. It occupies a large suite of rooms in the southern end of the Palais Royal, overlooking the gardens, a suite which includes a fine range of galleries. The Director of the Institute is M. Julien Luchaire, who has at present a staff of about forty persons working under him on the task of establishing a clearing house of information from all countries, which will be of use in guiding students in their researches.

UNIVERSITY AND EDUCATIONAL NOTES

PRINCETON UNIVERSITY has received a gift of \$1,000,000 from the General Education Board for increases in equipment and facilities for advanced teaching and research in the physical and biological sciences. This endowment is conditional on Princeton's raising an additional \$2,000,000 for the same purpose.

THE board of trustees of Johns Hopkins University has approved the plan to abolish the undergraduate school at the university. To become effective the plan must now be approved by the State Legislature.

RAWSON LABORATORY, a \$600,000 six-story building, was dedicated on December 17 as a part of the Rush Medical College of the University of Chicago.

It is reported that the Rockefeller Foundation, of New York, has offered to establish reciprocal research scholarships, somewhat similar to the Rhodes scholarships, between American and Australian universities. Professor Copeland, of Melbourne University, has been invited to the United States to arrange the details of the plan, and the university council has granted a leave to him.

DR. PARKE REXFORD KOLBE, formerly president of the Municipal University of Akron, will be installed as the new president of the Brooklyn Polytechnic Institute on January 13.

DR. ERWIN RUDOLPH SCHMIDT, of the staff of the Augustana Hospital, has been appointed professor of surgery at the University of Wisconsin and surgeon of the Wisconsin General Hospital, to take the place of Dr. Carl A. Hedblom, who recently resigned to accept a similar position at the University of Illinois.

DR. FREDERICK HOWARD FALLS, professor of obstetrics and gynecology at the University of Iowa, has accepted an appointment to head similar work at the University of Illinois in the medical school in Chicago.

PROFESSOR H. WILDON CARR, of London, is serving as visiting professor of philosophy at the University of Southern California during the current academic year.

DR. HENRY STEPHEN, senior lecturer in chemistry at the University of Manchester, has been appointed to the chair of chemistry in the University of the Witwatersrand, Johannesburg.

PROFESSOR H. A. BROUWER, of the Technical Institute at Delft, Holland, has been appointed professor