

5. The department of paleontology and geology, under the general direction of the curator, Dr. G. Dallas Hanna, will make studies of certain of the islands off the California coast, including Catalina, Santa Cruz, Santa Rosa and San Miguel. Collections from California are being assembled from many localities of historic interest in paleontology.

6. Mr. E. P. Van Duzee, curator of the department of entomology, will spend June collecting insects in the Sierra Nevadas with headquarters at Truckee, and his assistant, Mr. H. H. Keifer, will do some general collecting in central California.

7. Miss Alice Eastwood, curator of botany, is visiting type localities in California for the purpose of obtaining topotypes of species of plants needed in the herbarium.

SCIENTIFIC NOTES AND NEWS

DR. HENRY FAIRFIELD OSBORN, president of the American Museum of Natural History, has been elected a corresponding member of the French Academy of Sciences.

THE Bavarian Academy of Sciences has elected the following to corresponding membership: Dr. Thomas Hunt Morgan, professor of experimental zoology at Columbia University; Dr. Arthur Stanley Eddington, professor of astronomy and director of the observatory at the University of Cambridge; Dr. Godfrey Harold Hardy, professor of geometry at Oxford University, and Dr. Wladimir Beneschewitz, professor at the Leningrad Academy.

ON May 21, the Helminthological Society of Washington gave a dinner in honor of Dr. Charles Wardell Stiles, chief of the division of zoology in the Hygienic Laboratory of the U. S. Public Health Service, as a celebration of his sixtieth birthday. Among the invited guests who greeted Dr. Stiles and spoke of his contributions to parasitology were the following: Dr. Adolpho Lutz, of the Instituto Oswaldo Cruz, Brazil; Dr. L. O. Howard, chief of the Bureau of Entomology, and Dr. Leonhard Stejneger, head curator of biology of the U. S. National Museum. Addresses were also made by the following members of the Helminthological Society of Washington: Dr. Paul Bartsch, curator of the division of mollusks of the U. S. National Museum; Dr. W. W. Cort, professor of helminthology in the School of Hygiene and Public Health of Johns Hopkins University; Dr. M. C. Hall, chief of the zoological division of the Bureau of Animal Industry, and Dr. N. A. Cobb, senior nematologist of the Bureau of Plant Industry. Dr. Benjamin Schwartz, president of the Helminthological Society of Washington, presided.

DR. W. D. COOLIDGE, assistant director of the research laboratory of the General Electric Company,

has been awarded the medal of the American College of Radiology, "in recognition of his contribution to radiology and the science of medicine."

ORVILLE WRIGHT has been notified that the Washington award for the most noteworthy achievement in engineering development has been awarded to him. The award is granted jointly by the National Societies of Civil, Mining, Mechanical and Electrical Engineers and the Western Society of Engineers. The ceremony took place in Chicago on June 1.

THE honorary degree of doctor of laws was conferred by Wesleyan University on May 26 upon Dr. George D. Olds, president of Amherst College, formerly professor of mathematics.

SAMUEL E. DOANE, chief engineer of the National Lamp Works, received an honorary degree in electrical engineering at the graduation exercises of the Case School of Applied Science.

DR. GEORGE CLARIDGE DRUCE, Fielding curator of botany in the University of Oxford, has been recommended for election into the Royal Society, to fill the vacancy in the list of new fellows created by the death of Professor A. A. Lawson, of the University of Sidney.

THE Rockefeller Foundation has elected to its board of trustees Herbert S. Hadley, chancellor of Washington University, St. Louis; Dr. David L. Edsall, dean of the Medical School of Harvard University, and Dr. George H. Whipple, dean of the school of medicine and dentistry, University of Rochester.

DR. LEIGH PAGE, professor of mathematical physics at Yale University, has been elected president of the Yale chapter of the Sigma Xi, succeeding Professor Philip G. Laurson, who retires.

AT the meeting of the American College of Physicians in Cleveland in February, Dr. A. S. Warthin, professor of pathology in the medical school, University of Michigan, was reelected first vice-president and editor of the *Annals of Clinical Medicine*.

W. G. CAMPBELL, director of regulatory work of the U. S. Department of Agriculture, will administer the work under the food, drug and insecticide administration, which takes form on July 1. Dr. P. B. Dunbar, now assistant chief of the Bureau of Chemistry, will be assistant chief of the new administrative unit.

F. STANLEY HOWE, assistant business manager of the Rockefeller Institute for Medical Research since 1920, has resigned to become director of the Orange Memorial Hospital, New Jersey.

PROFESSOR JULIAN S. HUXLEY is resigning the chair

of zoology in King's College, London, to which he was appointed two years ago. Dr. Huxley will continue to be attached to King's College in an honorary capacity, but intends to devote himself entirely to writing and research.

DR. RAYMOND PEARL, professor of biology in the Johns Hopkins Medical School and director of the Institute of Biological Research, left for London on May 25 to deliver a series of lectures at University College, London. Dr. Pearl also will give addresses at Geneva on the biology of population growth in connection with the World Population Conference, and in Berlin at the International Genetics Conference on the subject of eugenics.

DR. WILLIAM S. SEIFRIZ, professor of botany; Dr. William S. Pardoe, professor of hydraulic engineering, and Dr. Isidore S. Ravdin, assistant professor of research surgery, all of the University of Pennsylvania, have received leaves of absence to study abroad during the next academic year.

DR. WILLIAM LLOYD AYCOCK, associate in preventive medicine and hygiene at the Harvard Medical School, has gone to England to study an outbreak of infantile paralysis in the schools of Kent, England.

PROFESSOR EDWARD W. BERRY, of the Johns Hopkins University, will spend the summer in geological explorations in southern Ecuador and northern Peru.

H. W. KRIEGER, ethnologist of the Smithsonian Institution, has left for the Lower Yukon to investigate the remains of an extinct Indian race. The expedition was made possible by a grant from the Joseph Henry fund of the National Academy of Science.

NEIL M. JUDD, curator of American archeology, United States National Museum, left Washington on May 28 for the purpose of completing his explorations for the National Geographic Society at Pueblo Bonito, New Mexico. The current expedition is the seventh sent by the society for the purpose of recovering and recording the story of this prehistoric Indian village. Mr. Judd's staff this summer has been reduced to five; the party will be concerned wholly in the preparation of the scientific reports covering the six previous expeditions.

PROFESSOR JOHN J. ABEL, of the Johns Hopkins University, gave the Willard Gibbs address under the auspices of the Chicago section of the American Chemical Society, on May 27. The presentation of the Willard Gibbs Medal to Dr. Abel was made by Dr. Julius Stieglitz, chairman of the department of chemistry at the University of Chicago.

DR. SIMON FLEXNER, director of the Rockefeller

Institute for Medical Research, will deliver the address at the special convocation to be held at Brown University on June 14, for the conferring of advanced degrees.

DR. FRANK BILLINGS, emeritus professor of medicine at the University of Chicago, will be convocation orator at the university on June 14. His subject will be medicine and human progress.

PROFESSOR DAYTON C. MILLER, of the department of physics in the Case School of Applied Science, gave a lecture entitled "The Basis of Tone Quality in Instrumental Music," at the Engineering Societies' Building, New York City, under the auspices of the Museums of the Peaceful Arts, on May 24.

DR. MICHAEL I. PUPIN, professor of electromechanics at Columbia University, recently gave a free public lecture at the University of Chicago under the auspices of the Hiram W. Thomas fund. His subject was "Coordination—The Message of Science."

DR. W. J. HUMPHREYS gave an illustrated lecture on "Some Facts and Fancies of Weather Lore" to the society of the Sigma Xi at the Johns Hopkins University on May 19.

DR. F. K. RICHTMYER, of Cornell University, gave an address on May 19 before the Sigma Xi alumni association of the University of Pittsburgh on "The History and Present Status of the Radiation Problem." At the dinner preceding the address, Professor Richtmyer described the early history of the Sigma Xi and spoke of its idealistic aims and purposes.

SIR GEORGE NEWMAN, chief medical officer of the British Ministry of Health, gave the first of the four Dodge lectures at Yale University on May 23. Sir George has chosen as the general subject of his lectures, "Citizenship and the Survival of Civilization," which he gave on the three succeeding days.

THE Schorstein memorial lecture was delivered by Professor Knud Faber in the anatomical theater of the London Hospital Medical College on May 19 on "Gastritis, its Relation to Achylia and Ulcer."

A STATUE of the Comte de Chardonnet, the French chemist who invented one of the first processes for the manufacture of artificial silk, is to be erected by the Academy of Science and Art at Besançon.

GEORGE BISHOP SUDWORTH, chief dendrologist of the U. S. Forest Service, authority on the trees of the United States, died on May 10 at the age of sixty-three years.

THE ninth annual meeting of the American Society of Mammalogists was held at the Academy of Natural Sciences of Philadelphia from April 27 to 30, with

60 members in attendance. Thirty-six items, including motion pictures and papers covering a wide variety of topics, were presented during the seven sessions of the first three days. The annual dinner was held on the evening of April 28. At the business meeting officers for the ensuing year were elected as follows: *President*, Glover M. Allen, Museum of Comparative Zoology; *vice-presidents*, Witmer Stone, Academy of Natural Sciences, and T. S. Palmer, U. S. Biological Survey; *recording secretary*, H. H. Lane, University of Kansas; *corresponding secretary*, A. Brazier Howell, U. S. National Museum; *treasurer*, A. J. Poole, U. S. National Museum, and *editor*, H. H. T. Jackson, U. S. Biological Survey. The meeting was concluded by a tour of the zoological park on Saturday, and luncheon as the guests of the Philadelphia Zoological Society.

THE Cooper Ornithological Club held its second annual meeting in San Francisco and Berkeley April 29 and 30. The first day's sessions were held in the auditorium of the California Academy of Sciences in Golden Gate Park. Noon luncheon was provided by members of the academy and a complimentary dinner to club members and their guests was given by the academy at the Clift Hotel, San Francisco, at which about 90 were present.

THE twenty-sixth annual meeting of the North Carolina Academy of Science was held at Davidson College, Davidson, N. C., on May 6 and 7, 1927. Thirty-eight new members were elected, giving a total of two hundred and sixty-four members in the North Carolina Academy of Science. The twenty-seventh annual meeting will be held at the University of North Carolina, Chapel Hill, N. C., in the spring of 1928. The officers elected for the year 1927-28 were as follows: *President*, J. M. Bell; *vice-president*, W. L. Porter; *secretary-treasurer*, H. R. Totten; *executive committee*, the officers, and H. B. Arbuckle, J. W. Nowell, and A. H. Patterson; *representative* to the A. A. A. S. council, Bert Cunningham.

THE eighth annual meeting of the New Hampshire Academy of Science will be held at Waterville, from Friday to Sunday, June 3 to 5. The headquarters for the meeting will be the Waterville Inn. Mr. J. H. Foster, state forester, will lead a field trip on Sunday.

THE twelfth annual meeting of the Optical Society of America will be held at Schenectady, N. Y., on Thursday, Friday and Saturday, October 20, 21 and 22, 1927.

THE one hundred and forty-fifth regular meeting of the American Physical Society was held in Washington, on April 22 and 23, in the new building of the National Academy of Sciences.

THE fifty-eighth annual meeting of the Canadian

Medical Association will be held at Toronto from June 13 to 18, in conjunction with the Ontario Medical Association, the Canadian Public Health Association, the Canadian Tuberculosis Association, the Canadian Society of Anaesthetists, and the Canadian and Ontario Radiological Societies. The scientific proceedings will include general sessions and a number of sectional meetings, the sections being: Anaesthetics; eye, ear, nose and throat; medicine; obstetrics and gynaecology; pathology and bacteriology; pediatrics; public health; radiology, and surgery. The second Listerian oration will be delivered on June 17 by Sir C. S. Sherrington, Waynflete professor of physiology at Oxford. Other visitors from Great Britain who are taking part in the conference include Sir G. Lenthal Cheatle, Dr. J. Strickland Goodall, Dr. A. L. Fleming and Dr. S. Gilbert Scott, who will represent officially the British Medical Association. The sections of pathology, radiology, medicine, anaesthesia and surgery will combine for a discussion of the gall bladder; and pathological demonstrations are to be arranged with special reference to the problems of the medical practitioner.

ACCORDING to the *Journal* of the American Medical Association, a program has been arranged for the dedication from June 13 to 17 of the new buildings of Northwestern University Medical School on the McKinlock Campus, East Chicago Avenue near the lake. There will be alumni clinics in all the departments of the Montgomery Ward Memorial in the mornings. The Archibald Church Library and the Frederick Robert Zeit Museum of Pathology will be dedicated in the afternoon, June 15, and oil portraits of the founders of the medical school—Nathan Smith Davis, William H. Byford, John H. Hollister, Ralph N. Isham and Davis Rutter—will be unveiled; also busts of Edmund Andrews, Robert L. Rea and others, and oil portraits of John Harper Long and Frank Billings. The alumni dinner will be that evening at the Congress Hotel. On the afternoon of June 16, the Robert L. Rea professor of anatomy will be installed, and the James A. Patten research laboratories of bacteriology dedicated. In the evening Dr. Hugh T. Patrick will address a special convocation in the John B. Murphy memorial auditorium, and the following evening former governor Frank O. Lowden will speak at the general exercises in dedication of all the new buildings. There will also be special dedication programs for the new law and commerce schools of Northwestern, which are adjacent to the medical and dental schools on the McKinlock Campus.

THE committee on scientific research of the American Medical Association has awarded a grant of \$750 to Dr. Laurence H. Snyder, associate professor of

genetics at North Carolina State College, for investigations on the relationships of the blood groups to other human hereditary characters, and the practical applications of such relationships. A grant of \$500 has been made to Dr. C. W. Apfelbach, of the Presbyterian Hospital, Chicago, to aid in defraying the expenses of a study of the functional alterations in the kidneys of dogs altered by infarction of the glomeruli with carbon particles.

REGENTS of the University of Wisconsin have accepted the gift of the scientific library of the late Dr. Frederick Belding Power, first head of the course in pharmacy at the university, from his daughter, Mrs. Louise Power Heimke. Dr. Power's library was given to the university on condition that it be housed in the building where pharmacy and pharmaceutical chemistry are taught. Consequently the Power library will be added to the pharmacy library on the third floor of the chemistry building.

THE late Edwin Swift Baleh, explorer, of Philadelphia, has left \$2,000,000 which, upon the death of his widow, is to be used for a museum to be founded in Philadelphia. The museum will house the books and works of art collected by Mr. Baleh.

A SCHOLARSHIP of \$16,000, subscribed by members of the American Medical Association, has been presented to the Johns Hopkins University in honor of Dr. W. S. Thayer, professor emeritus in the medical school.

A GIFT of \$156,000 from Mrs. Grace Rainey Rogers, of New York, to the National Association of Audubon Societies was announced on May 26.

THE Carnegie Foundation has appropriated \$90,000 to be used in research work on otosclerosis, according to an announcement made at a meeting of the American Otological Society in the New York Academy of Medicine on May 21. It was also announced that \$5,000 had been sent to Dr. K. Wittmaack, of Germany, to continue his experiments with monkeys on ear diseases.

THE council of Manchester University have accepted an offer made by an anonymous donor to endow postgraduate scholarships for research in the biology of plants and animals. The endowment is of the value of about £5,000, and it is proposed to establish two scholarships.

THROUGH the efforts of Professor H. T. Cox, head of the department of physics at Furman University, the Sigma Epsilon chapter of the Sigma Pi Sigma National Physics Fraternity was established on May 16. Dr. J. M. Douglas, head of the department of physics at Davidson College, N. C., installed the chapter. The chapter has nine charter members.

DR. CONSTANTIN DUMBRAVA, a Rumanian explorer now living in New York City, has announced plans for an expedition to Greenland for a study of the relation of glacial conditions within the Arctic circle to storms of the navigable north Atlantic, and to set up a weather bureau on the eastern coast of Greenland to supply shipping with radio warnings. The expedition will be under the patronage of the French Geographical Society and the Belgian Royal Geographical Society, but will be called the Rumanian Greenland Expedition in honor of Dr. Dumbrava's native land. He planned to sail from New York on May 28 and, after lectures before the continental societies backing his expedition, will sail for the North from Copenhagen about July 16 aboard the Danish government ship *Gustav Holm*, which was designed especially for the polar seas.

THE Indian correspondent of the London *Times* states that a geographical expedition is expected to leave Srinagar, Kashmir, in the middle of May for the Chang Chenmo district, and will proceed along the border of Tibet into Chinese Turkestan. It is under the leadership of Mr. E. Tinkler, who will be accompanied by Dr. H. de Terra, geologist, and Mr. W. Bossherd. One of the objects of the expedition is to study the lakes on the Tibetan border. The expedition will proceed from Srinagar to Leh, about 250 miles to the east, and thence to the Chang Chenmo district, and to Pangong Lake, Aksai Chin Lake and Lighten Lake, crossing the passes of the Kuenlun Mountains from east to west in order to reach Kashgar, Chinese Turkestan, by December. The winter will be spent in the Takla Makan desert. The expedition expects to return across Kuenlun in the summer of 1928.

E. S. GOSNEY, a Pasadena philanthropist, is financing and directing a study of the workings of the California eugenic sterilization law. More than 5,000 operations have been performed in the state institutions, under this law, during 18 years, and it is the intention to analyze the effects from all points of view and make the facts public. The investigation has been in progress since the beginning of 1926, and seven papers have already been prepared for publication. The technical side of the undertaking is in the hands of Paul Popenoe, and the work is supervised by an advisory committee consisting of Dr. J. H. McBride, Dr. George Dock, Henry M. Robinson, Otis H. Castle and Paul Popenoe, of Pasadena; Chancellor David Starr Jordan and Professor L. M. Terman, of Stanford University, and Professor S. J. Holmes, of the University of California. The Los Angeles Obstetrical Society has taken up, at Mr. Gosney's instigation, a parallel study of the operations for sterilization performed in private practice.

A FEDERAL forestry reserve of 500,000 acres in northern Wisconsin is proposed in a bill offered by Senator J. S. Carroll, of Glidden. The last legislature authorized a federal forestry reserve of 100,000 acres. When the inspection of the proposed areas was made by federal representatives a year ago, it was found that there were other lands which may be included within such a reserve. The state would retain concurrent jurisdiction with the United States government over the forestry area. Lands so withdrawn no longer would be subject to local taxation.

UNDER the name of the Prince Albert National Park, 1,377 square miles have been set apart in Northern Saskatchewan in order to preserve in perpetuity a section of the primitive forest and lake country, and to provide the people of the province, as well as those of other parts of the dominion, with a great recreational area.

ACCORDING to the Italian correspondent of the *Journal* of the American Medical Association, the Emperor William institute for anthropology, hereditary transmission in man, and eugenics, which is being erected in Dahlem, near Berlin, by the Kaiser-Wilhelm-Gesellschaft, is rapidly nearing completion. Professor Eugen Fischer, anatomist, of Freiburg, will be the director of the institute. He will also be the head of the department of anthropology. The department of hereditary transmission in man will be in charge of Professor Muckermann, a former Jesuit father. The head of the department of eugenics has not yet been announced. It is hoped that the new institute can be dedicated in September, in connection with the meeting of the International Congress on Heredity, which is to be held in Berlin.

THE University of Oregon Medical School is the recent recipient of a portable electrocardiograph which is the gift of Mrs. Charles F. Beebe in memory of the late General Charles Beebe.

ACCORDING to the *Journal* of the American Medical Association Dr. K. Miyajima has announced that the Rockefeller Foundation will donate funds for the establishment of a new chair of public hygiene in the Keio Medical College in Japan.

PRESIDENT COOLIDGE, by a recent order, has set aside a tract of about 2,350 acres in Jasper County, South Carolina, as a preserve and breeding ground for native birds. The area embraces certain abandoned rice lands belonging to the United States and abutting on the Savannah River, near Savannah, Ga., and is to be known as the Savannah River Bird Refuge. The new reservation has been placed under the administration of the Biological Survey of the United States Department of Agriculture.

UNIVERSITY AND EDUCATIONAL NOTES

AIDED by the million dollar gifts of Edward Stephen Harkness, of New York, and Samuel Mather, of Cleveland, the drive for \$6,000,000 for the Western Reserve Medical Center has been completed. A total of \$6,534,355 was contributed by 5,176 persons to erect a new Lakeside Hospital, a new Rainbow Hospital and a nurses' dormitory. Besides this, two special gifts totaling \$1,500,000 were made for special units not included in the original plans.

THE new mines laboratory of the college of mines of the University of Washington was dedicated on May 25.

PROFESSOR HENRY S. GRAVES has resigned as provost of Yale University, effective July 1. Dr. Graves is giving up his office in order to devote his full time to his duties as dean of the Yale school of forestry and as Sterling professor of forestry.

DR. ERNST A. POHLE, of the University of Michigan, has been appointed professor of physiological chemistry at the University of Wisconsin.

DR. D. B. YOUNG, head of the department of biology at the University of Arizona, has been appointed professor of zoology at the University of Maine; Dr. F. H. Steinmetz has been appointed professor of botany and entomology in the university.

DR. PAUL S. SEARS, associate professor of botany at the University of Nebraska, has been appointed head of the department of botany at the University of Oklahoma.

DR. EMIL WITSCHI, of the University of Basel, has been appointed to a professorship in zoology at the State University of Iowa. He will have charge of the graduate and undergraduate work in experimental embryology. Dr. O. M. Helff, associate in zoology at the university, has been promoted to an assistant professorship, and will have charge of the undergraduate work in general and comparative physiology.

DR. J. M. D. OLMSTED, associate professor of physiology at the University of Toronto, was recently appointed professor of physiology at the University of California, not associate professor, as was previously announced. Dr. Olmsted will be on leave the second half year when he will visit the physiological laboratories of Europe.

DR. HARVEY ALFRED ZINSZER, acting professor of physics at the Mississippi State College for Women,