

dashing over the rugged rocks; listening to the music of a bird; or perchance enjoying a wonderful sunset with its reds and yellows darkening into violets and purples. And so the boy learned color values and became an artist.

The happy days of boyhood soon passed into adolescence and manhood, and with his powers of close observation trained to study nature, Holmes concentrated his natural talents on the study of land formations. The details of rocks and strata were differentiated and he learned nature in a new way as he crossed the continent in the service of our national surveys. And the boy artist became the man geologist.

Evolution was the spirit of his time and from investigating the geological horizons of our great continent, he sought higher objects and turned his attention to the highest form in nature, which is man. The beginnings of culture attracted him. Original forms of weaving and primitive pottery became the objects of his study. And so the geologist progressed and became the anthropologist. His classical memoirs on the arts of early man are still accepted as the last words on the subjects of which they treat.

Then more years came to him and he was advanced to the charge of the Bureau of American Ethnology. His mission was to direct the studies of his disciples for the purpose of increasing and diffusing the knowledge of which he was the accepted master. And so for a decade or more the results of the progress of his favorite science were given to the world in the annual reports and bulletins issued under his supervision.

Still in the prime of his days and rich with the art instinct of his early life, cultivated and developed by the experience of many years he turned again to the ideals of his boyhood dreams and became director of the National Gallery of Art under the supervision of the Smithsonian Institution. And his duty since has been the privilege of selecting the art productions of his many contemporaries and arranging them for the edification of the public. May he long continue active in the prosecution of this work.

Of honors he has many, but why chronicle the collegiate degrees that have been conferred on him or the memberships in scientific or artistic societies that he has received? His election to the National Academy of Sciences and to the presidency of the Cosmos Club tell the story. They are all negligible when we think of the man.

Gentle and kind, sweet and true, he has given always the best that he had to his fellows, and our earnest prayer is that he may long abide with us, so that the world may continue to be made more beautiful by his splendid influence.

SCIENTIFIC NOTES AND NEWS

THE seventy-fifth birthday of Dr. John M. Coulter, emeritus professor of botany at the University of Chicago, was celebrated on November 20, at the Boyce Thompson Institute at Yonkers, N. Y., where Dr. Coulter is now engaged in research.

THE seventieth birthday of Dr. William E. Ritter, president of Science Service, first director of the Scripps Institution for Biological Research, La Jolla, Calif., and professor emeritus of zoology at the University of California, was celebrated at a dinner given in his honor at the Cosmos Club, Washington, on November 26. Gathered to honor Dr. Ritter were Mrs. Ritter, Mr. and Mrs. Robert P. Scripps, Dr. and Mrs. Edwin E. Slosson, Dr. and Mrs. T. S. Palmer, Dr. Vernon Kellogg, Dr. J. C. Merriam, Dr. J. McKeen Cattell, Mr. and Mrs. Watson Davis, Dr. Frank Thone, Mr. James Stokley and members of the staff of Science Service. Letters and telegrams of congratulations from many of Dr. Ritter's friends and former associates were read and he was presented a souvenir book in honor of the occasion.

DR. JACOB G. LIPMAN, dean and director of Rutgers University and Experiment Station, has been elected a corresponding member of the Czechoslovakian Academy of Agriculture.

DR. ALEXANDER WETMORE, assistant secretary of the Smithsonian Institution, has been elected honorary member of the Sociedade Protectora dos Animais de Santos e São Vicente, of Santos, Brazil.

DR. OSWALD S. LOWSLEY, director of the Brady Foundation for Urology at the New York Hospital, has been made a corresponding member of the Association Française d'Urologie and of the Deutsche Gesellschaft für Urologie.

DR. GEORGE T. MOORE, director of the Missouri Botanical Garden, has been elected a member of the executive committee of the Institute for Research in Tropical America.

T. L. JOSEPH, superintendent of the North Central Station of the U. S. Bureau of Mines at the University of Minnesota, has received the J. E. Johnson, Jr., award made by the board of directors of the American Institute of Mining and Metallurgical Engineers.

DR. F. W. SCHULTZ, professor of pediatrics in the medical school of the University of Minnesota, has been appointed a delegate to represent the American Pediatrics Society at the Fifth Pan-American Child Congress to be held at Havana, from February 13 to 20.

A COMPLIMENTARY dinner was given in honor of Dr. Franz Nagelschmidt, of Berlin, by the American Electrotherapeutic Association and the New York Electrotherapeutic Association on December 3, at the Pennsylvania Hotel.

DR. W. H. STEAVENSON has been elected president of the British Astronomical Association in succession to the Reverend C. D. Percy Davies.

SIR HUMPHRY ROLLESTON, Regius professor of physics in the University of Cambridge, has been elected as the representative of the university on the General Medical Council for five years, in place of Dr. W. L. H. Duckworth, resigned.

THE geographical commission recently appointed by Governor Trapp, of Oklahoma, consisting of C. E. Barrett, adjutant general, J. B. Thoburn, secretary of the historical society, and Chas. N. Gould, state geologist, organized by electing General Barrett chairman and Mr. Thoburn secretary. The committee will meet at the call of the chairman to decide upon matters of geographical interests in Oklahoma.

DR. HENRY R. KRAYBILL, of the Boyce Thompson Institute for Plant Research at Yonkers, N. Y., has recently been made state chemist and seed commissioner for Indiana. His office will be at the Agricultural Experiment Station, Purdue University.

COMMISSIONER HENRY O'MALLEY, of the U. S. Bureau of Fisheries, has left Washington for the west coast, where he will meet with Commissioner R. B. Scofield, of the International Fishery Commission in the United States-Mexico, for the purpose of developing the investigative program respecting the fisheries and carrying out the provision of the treaty with Mexico.

WILLIAM BEEBE, of the New York Zoological Society, plans to spend the coming winter in studying and collecting animal life in Haiti.

PROFESSOR A. J. SCARLETT, of the department of chemistry in the University of New Hampshire, is spending a sabbatical year in study at the University of California.

DR. NICHOLAS MURRAY BUTLER, president of Columbia University, will give the anniversary discourse at the eightieth anniversary meeting of the New York Academy of Medicine on December 16. His subject will be "The Physician: The Larger View."

DR. CHARLES P. BERKEY, professor of geology at Columbia University, has spoken during the past month on his work as chief geologist with the Third Asiatic Expeditions of the American Museum of Natural History before seven eastern institutions and societies, including the Yale chapter of Sigma Xi and the Geological Society of Washington.

DR. E. NEWTON HARVEY, professor of physiology at Princeton University, addressed the New York section of the Illuminating Engineering Society on December 9 on "Studies of Luminous Bacteria."

DR. H. E. HOWE addressed the Hampton Roads Chemists' Club of Norfolk, Va., on "Chemistry in American Industrial Progress" on November 12, and

on November 18 addressed the Business Secretaries Forum of Chicago on "Association Research."

NEVIN E. FUNK, operating engineer for the Philadelphia Electric Company, will address the Franklin Institute on December 15 on "Unusual Engineering Features of the Conowingo Dam and Power Plant."

PROFESSOR HOWARD T. BARNES, F.R.S., of McGill University, gave an illustrated lecture on "Ice Engineering" at the University of Michigan on November 23.

ON November 20 Professor J. C. McLennan, of the department of physics at the University of Toronto, delivered an address to the Royal Canadian Institute on the subject "The Upper Atmosphere and the Aurora."

PROFESSOR H. A. LORENTZ, of the University of Leiden, Schiff lecturer in physics, gave a public lecture at Cornell University on November 23, on "Doppler's Principle and its Applications in Astronomy and Physics." After completing his lectures at Cornell early in December Professor Lorentz planned to visit the Pacific coast, and during January and February he will give a course of lectures at the California Institute at Pasadena, returning to Holland early in April.

CARL AKELEY, distinguished explorer, sculptor and inventor, has died at Kabale, Uganda, where he had been engaged in explorations for the American Museum of Natural History. Mr. Akeley was sixty-two years of age.

DR. WALTER WHEELER ALLEGER, emeritus professor of bacteriology in Howard University, died on September 30, aged sixty-six years.

ALBERT H. EMERY, inventor and designer of machines for testing purposes, died on December 2 in his ninety-third year.

THE late Ellsworth Bethel (1863-1925), forest pathologist of the U. S. Department of Agriculture stationed at Denver, Colorado, has been honored by the U. S. Geographic Board for his services in increasing general interest in the mountains of Colorado and the west. The peak in Clear Creek County, at lat. $39^{\circ} 42' 35''$, long. $105^{\circ} 52' 40''$, formerly known as "Little Professor," has been renamed Mt. Bethel, and will be so designated on a new map of the region, the Montezuma Quadrangle, now in press. Mt. Bethel is 12,696 feet high.

IN order to receive consideration at the next meeting of the medical fellowship board to be held the latter part of April, 1927, applications for fellowships in medicine of the National Research Council should be filed by March 1. Applications should be

addressed to the Secretary of the Medical Fellowship Board, National Research Council, 21st and B Streets, Washington, D. C.

ON November 23 a meeting was held in Boston of the executive committee of the Commission on Standardization of Biological Stains. The present members of this committee and the fields they represent are: F. B. Mallory (pathology); R. W. French (Association of Medical Museums); S. I. Kornhauser (zoology); C. L. Wilson (botany), and H. J. Conn (bacteriology), *chairman*. The chief objects of the meeting were to discuss means of expanding the investigations on stains during the coming year and of making the commission publications more useful.

THE Alumni Association of the University of Pittsburgh offered a program at their recent meeting on "The Present Status of the Theory of Evolution," as follows: "The Viewpoint of a Botanist," Dr. O. E. Jennings; "The Viewpoint of a Zoologist," Dr. H. H. Collins; "The Viewpoint of a Geologist," Dr. Henry Leighton; "The Viewpoint of a Zoologist," Dr. A. E. Ortmann.

THE second Southern California annual Interecollegiate Geological Excursion occurred Saturday, November 6. Professor W. J. Miller, of the University of California, Southern branch, pointed out the features of the igneous rocks in the vicinity of San Gabriel Peak, north of Pasadena, and Professor J. E. Wolff, of Harvard University, indicated the effects of the great 1926 cloudburst at Opid's Camp, where one inch of rain fell in one minute, and ten inches in a few hours. The party included thirty-four geologists from the University of California (Southern branch), California Institute of Technology, Occidental College, Pomona College and Riverside Junior College.

THE eighth field conference conducted under the auspices of the Oklahoma Geological Survey was held in western Oklahoma, the Panhandle of Texas and northeastern New Mexico, November 9 to 18. The object of the conference was to attempt to correlate certain Permian formations in western Oklahoma with those outcropping on the Pecos River of northeastern New Mexico. Thirty-six geologists attended the field conference, including men from Kansas, Colorado, Texas and Oklahoma.

THE thirteenth annual session of the National Game Conference was held at the Hotel Pennsylvania, New York City, on December 6 and 7. Among the principal subjects considered were the preservation of waterfowl, the problem of the wild turkey, the relation of forests to wild animal life, the relation of the introduced pheasant to native game and to the farmer and game problems in Mexico and Canada. The

speakers included Dr. E. W. Nelson, chief of the United States Bureau of Biological Survey; J. B. Harkin, Canadian commissioner of parks; Professor Carlos Lopez, director of the division of game, Mexican Department of Agriculture; Shirley W. Allen, forester of the American Forest Association; Seth E. Gordon, of the Izaak Walton League of America, and a number of leading state game commissioners.

IN cooperation with the Burgess Radio Nature League of Westinghouse Station WBZ, the Boston Society of Natural History announces the following radio talks on alternate Wednesdays at 7:30 P. M.: December 15, J. H. Emerton, "Spiders"; December 29, Dr. H. L. Babcock, "Snakes and their Attributes"; January 12, C. W. Johnson, "Some Common Insects of the Household."

THE forty-fifth course of popular medical lectures at Stanford University will be given on alternate Friday evenings at 8 o'clock as follows: January 14, "Causes and Treatment of Hay-fever and Asthma," Dr. Samuel H. Hurwitz; January 28, "The Role of Heredity in Disease," Professor C. H. Danforth; February 11, "The Relation of Dental Infection to Disease," Dr. John A. Marshall; February 25, "The Psychology of Disease Symptoms," Professor W. R. Miles; March 11, "What about Irregular Teeth?" Dr. Fred Wolfsohn; March 25, "The Influence of Good Postural Conditions on Health," Dr. Harry L. Langnecker.

FREE lectures and demonstrations have been arranged by the New York Botanical Garden and will be given during the winter in the Central Display Greenhouse, Conservatory Range 2, as follows: December 4, "Plants that produce Rubber," Dr. A. B. Stout; December 11, "House Plants and their Care," Mr. H. W. Becker; December 18, "Some Ornamental Plants of the Sea," Dr. Marshall A. Howe; January 15, "Garden Vegetables and Herbs," Mr. Kenneth R. Boynton; January 22, "The Spices of Commerce," Dr. H. A. Gleason; January 29, "Cacti," Dr. John K. Small; February 5, "Cocoa and Chocolate," Dr. F. J. Seaver; February 19, "The Planting of Flower Seeds," Mr. George Friedhof; February 26, "Some Geological Features of the New York Botanical Garden," Dr. Arthur Hollick.

PLANS for celebrating in 1929 the one hundredth anniversary of the founding of the College of Pharmacy are under way at Columbia University. The faculty hope to inaugurate the college's second century by the establishment of a graduate school, which shall serve as an international center for advanced training and research. It is expected that pharmacists from many countries will gather in New York

for the celebration. Professor Curt P. Wimmer has been appointed to begin the work of historical research in which data will be gathered for the centennial ceremonies.

THE Daniel Guggenheim Fund for Research in Aeronautics has made a grant of \$78,000 to the University of Michigan. This will be used to complete the construction of wind tunnels and for the establishment of a new professorship in aeronautics.

THE American Museum of Natural History will receive nearly \$1,000,000 from the estate of the late Wood Fosdick, of New York, appraisal of whose estate has just been filed.

SIR JOSEPH VERCO has endowed the *Australian Journal of Experimental Biology and Medical Science* with a gift of £5,000. This sum will be held in trust by the University of Adelaide and the income devoted to sustaining the journal, which will become the property of the university.

THE American Petroleum Institute, on the recommendation of the National Research Council, has granted the Johns Hopkins University \$4,000 for immediate use in a research to establish scientific methods for the identification of sulphur compounds in petroleum. The work will be carried on by Dr. Parry Borgstrom, a graduate of the University of California.

THE department of zoology of the University of New Hampshire proposes to make an ecological survey of the fresh waters of New Hampshire. Special attention will be given to water pollution and the effect which this has on animal life. This will run parallel to the study of the pollution of Great Bay and its effect on the distribution of food fishes.

A MOTION reaffirming the intention of the British Association of Chemists to press for the preparation of a register of chemists with a view to confining the conduct of essentially chemical operations to qualified men was carried unanimously at the annual general meeting of the association, held at the Adelphi Hotel, Liverpool, on November 5. The council was further instructed to appoint a special committee to carry this resolution into effect.

UNIVERSITY AND EDUCATIONAL NOTES

GEORGE HERBERT JONES, director of the Inland Steel Company, has given the University of Chicago \$415,000 for a new laboratory of chemical research.

ALUMNI of Cornell University have subscribed \$200,000 to endow a chair in research work, the in-

cumbent of which will be released from teaching duties in order to spend all his time in research.

A GIFT of \$10,000 to found a research fellowship in pure science at Princeton University in memory of Charles Allen Munn has been announced. The donors were Augusta Munn Tilney and Orson D. Munn, niece and nephew of Charles Allen Munn, and T. Hart Anderson and John K. Brachvogel, all of New York.

THE trustees of Dartmouth College have voted to construct a new building which will house the natural science department and will provide the departments of biology, geology, botany and zoology with equipment and facilities that have not been available hitherto.

DR. EDWARD R. WEIDLEIN, director of the Mellon Institute of Industrial Research at the University of Pittsburgh, has announced the establishment of a department of analytical chemistry, which will be supervised by Dr. George D. Beal, formerly professor of analytical and food chemistry in the University of Illinois and now assistant director in charge of the institute's fellowships in the field of pharmaceutical chemistry. Dr. William W. Mills has been selected as analyst in the new department.

DR. BRANDUR J. BRANDSON has been appointed professor and head of the department of surgery at the University of Manitoba Faculty of Medicine, Winnipeg, to succeed Dr. Jasper Halpenny, who resigned on account of ill health; Dr. Daniel S. MacKay has become head of the department of gynecology following the retirement of Dr. Robert M. Simpson; Dr. Tudor J. Jones, Glasgow, has been appointed assistant professor of anatomy.

DR. ADOLPH G. G. DE SANCTIS has been appointed professor of pediatrics at the New York Post-Graduate Medical School and Hospital.

FORBES W. SHAPLEY, lecturer on electrical engineering at the Lauder Technical School, Dunfermline, has been appointed professor of mechanical and electrical engineering at the School of Mines, Dhanbad, India.

DISCUSSION AND CORRESPONDENCE SCIENTIFIC NAMES AND THEIR CONVENIENCE

IN the *American Naturalist*, Vol. LX, for May, 1926, pp. 275 to 281, is an interesting article entitled "Science and Scientific Names," by Dr. E. P. Felt and Dr. S. C. Bishop. While recognizing the value of this paper and its evident fairness and accuracy, I must entirely dissent from its conclusions as to the possible improvement in the naming of animals and plants.