

research association supplied money for the building of a small exhibit hall equipped with electric current and projection apparatus. This is now finished, and some of the best of the collections of the observatory have been placed in display cases, the whole room being faced with large plate-glass windows that command a magnificent view southward of the whole Kau Desert and Halemaumau pit. As the buildings and equipment furnished by the Hawaiian Volcano Research Association are all part of the plant of the observatory, Dr. Jaggar took occasion to convey the new establishment to the use of the Department of the Interior through the two branches here presented, the National Park Service and the Geological Survey.

Secretary Work accepted the offering on behalf of the Department of the Interior, and short speeches were made also by Honorable Stephen T. Mather, director of the National Park Service, and by Honorable Wallace R. Farrington, governor of Hawaii.

The new buildings are of iron, with rough stone corner posts, the smaller one housing the water tank, preparation room and power plant, the larger one standing on the highest rim of Kilauea Crater, with a terrace in front designed to display the view that on bright mornings extends all the way from Mauna Kea and Mauna Loa around past the south point of the island in panorama, and thence eastward, including all the cones and landmarks of the Kau Desert, to Halemaumau, spread out at the feet of the observer as an enormous chasm less than a mile away. Beyond it and around is seen all the detail of Kilauea Crater and the pits Keanakakoi and Kilauea Iki, while in the distance to the east lies Puu Huluhulu, that marks the site of the new Chain of Craters Road, which Secretary Work dedicated the same morning.

It is hoped eventually to install on the terrace a large Zeiss binocular telescope, and projection apparatus for lantern slides and motion pictures has already arrived, and in a short time will be installed and in operation.

T. A. J.

#### AWARD OF COMMONWEALTH FUND FELLOWSHIPS

COMMONWEALTH FUND fellowships amounting to \$125,000 have been awarded to twenty-three honor graduates of British universities who are to come to the United States next fall for two years' study in American universities. This is the third annual group of such awards and makes a total of sixty-three young scholars so far given opportunity for education and travel in the United States under the auspices of the Commonwealth Fund. To the twenty annual fellowships provided under the original plan, three new fellowships have been added this year for honor gradu-

ates of British Colonial universities at present studying in Great Britain. The first awards in this group go to men from the University of Sidney, Australia, the University of Tasmania and Natal University College.

A list of the appointments in the sciences follows:

*Harvard University*: James M. Alston, from the University of Edinburgh, to study bacteriology.

*Princeton University*: Maurice Black, from Cambridge University, to study the geology of the Appalachian region.

*Massachusetts Institute of Technology*: David Graham, from Queens University, to study high tension electrical transmission.

*Pennsylvania*: Robert Robinson, from Birmingham University, to study electro-chemistry.

*Johns Hopkins*: Thomas Frederick Hower, from the University of Bristol, to study bacteriology.

*Clark*: Ethel Simkins, University of Liverpool, to study agricultural geography.

*Chicago*: Alexander Oppenheim, Oxford, to study mathematics.

*North Carolina*: Leif Egeland, from Natal University College and Oxford, to study inter-racial problems.

*Michigan*: George F. Brett, University of Leeds, to study physics.

#### FIELD WORK OF THE CALIFORNIA ACADEMY OF SCIENCES

DR. BARTON WARREN EVERMANN, director of the museum of the California Academy of Sciences, announces expeditions of that institution for the season of 1927 as follows:

1. Mr. J. O. Martin, of the department of entomology, will spend the spring and summer in the Panhandle of Texas collecting insects, paying special attention to the Coleoptera and Hemiptera.

2. Mr. Harry S. Swarth, curator, and Mr. Joseph Mailiard, curator emeritus, department of ornithology and mammalogy, with Mr. Raymond M. Gilmore, of the University of California as assistant, are in southern Arizona, studying the birds and mammals of that region and making collections for the academy.

3. Mr. Joseph R. Slevin, assistant curator department of herpetology, and Mr. Frank Tose, chief taxidermist, are working in southern California along the Arizona border making a survey of the herpetological fauna of that region and making collections of reptiles and amphibians and securing materials for habitat groups for the museum.

4. Mr. George Haley, professor of biology in Saint Ignatius College, San Francisco, and Mr. G. C. Harrold, expert collector and taxidermist of Winnipeg, will devote the summer and early fall to biological investigations on Nunivak Island, a large island in the eastern part of Bering Sea, which is little known biologically. They will pay particular attention to the birds, insects, mollusks and land flora.

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