

3. Other routes are known to be available which can be used without endangering the Park.

We call upon all agencies concerned with the protection of our unique system of National Primeval Parks to unite in firm opposition to the threat to Rocky Mountain National Park and through it to the entire system.

Dr. William S. Cooper, as chairman of the special inter-association committee on Glacier Bay, reviewed the history of the bill permitting mining within the Glacier Bay National Monument and pointed out that only a few prospectors had taken advantage of their right to prospect within this monument because of the fact that past experience had proved it to be quite barren of any large deposit. Dr. Cooper also pointed out that, in so far as defacement of the monument itself is concerned, mining rights would not seriously affect it. But he stressed the point that this bill opening Glacier Bay to mining had created a precedent for possible Congressional action in the future along the same lines with respect to other national monuments and national parks. The question of attempting to repeal the bill in this session of the Congress was not considered feasible by Mr. Cooper, and he suggested that the committee remain intact, but that for the present at least it should mark time.

MILTON AND CLARK AWARDS OF HARVARD UNIVERSITY

FORTY-NINE awards, amounting to \$47,760, have been assigned to members of the Harvard teaching and research staffs under the provisions of the wills of William F. Milton, '58, and Joseph H. Clark, '57. These grants are made annually to aid in defraying the expenses of special investigations during the coming academic year. Awards have been made as follows for 1937 in the natural and exact sciences:

Lawrence W. Baker, professor of orthodontia, to continue studies regarding the masticatory apparatus as a growth center of the bones of the face and as an inductor of growth of the other bones of the skull.

Thomas Barbour, professor of zoology and director of the University Museum and of the Museum of Comparative Zoology, and Alfred S. Romer, professor of zoology and curator of vertebrate paleontology at the Museum of Comparative Zoology, to prepare skeletons of primitive reptiles collected in South America.

Paul D. Bartlett, instructor in chemistry, to "mark" atoms by the use of artificially induced radioactivity for facilitating the study of molecular structure.

Bart J. Bok, assistant professor of astronomy, to continue an investigation of the objective prism radial velocities of faint stars.

William J. Clench, curator of mollusks in the Museum of Comparative Zoology, for a zoological survey of north-eastern Hispaniola, particularly as regards mollusks.

Lemuel R. Cleveland, associate professor of zoology, for a study of the protozoa of termites, with particular

reference to the function of the centrioles in chromosomal movement and the production of extra-nuclear organelles.

Joseph A. Cushman, lecturer on micro-paleontology, for a study of the foraminifera found in deep sea cores from the Atlantic Ocean.

Philip J. Darlington, Jr., assistant curator of insects in the Museum of Comparative Zoology, to extend the applicant's collection of insects, especially beetles, and study their habits and distribution on certain West Indian islands.

Walter F. Dearborn, professor of education and director of the Psycho-Education Clinic, for the preparation of statistical materials bearing on the mental and physical growth of public-school children.

Merritt L. Fernald, Fisher professor of natural history and curator of the Gray Herbarium, for botanical exploration in Virginia and North Carolina to throw significant light on the history of life in North America since the uplift of the Cretaceous peneplain.

Louis F. Fieser, associate professor of chemistry, for an investigation of cancer-producing hydrocarbons.

Russell Gibson, assistant professor of economic geology, for a regional study of tin and tin-silver deposits in the Eastern Andes of Bolivia.

Ralph R. Hultgren, instructor in metallurgy, to purchase a photodensitometer for the measurement of x-ray spectra dealing with crystal structure.

Frederick V. Hunt, instructor in physics and communication engineering, for an investigation of auditorium acoustics by means of steady-state transmission measurements.

Clyde E. Keller, instructor in ophthalmic research, to investigate inheritance of blood groups in rabbits.

Karl O. H. Lange, research associate at the Blue Hill Observatory, for an investigation of thunderstorm structures by small balloons equipped with radio-meteorographs.

Harry R. Mimno, assistant professor of physics and communication engineering, for an investigation of methods of improving the operating efficiency of the cyclotron.

Gregory Pincus, assistant professor of general physiology, for an investigation of the developmental physiology of mammalian eggs.

Edward K. Rand, Pope professor of Latin, to prepare for publication an edition of Servius's "Commentary" on Virgil and an edition of Ovid's "Metamorphoses."

Theodore E. Sterne, lecturer on astrophysics, for the development of improved apparatus for the radiometric photometry of celestial objects.

Henry C. Stetson, research associate in paleontology at the Museum of Comparative Zoology, for the construction of a duplicate of the coring tube redesigned by C. S. Piggot, of the Geophysical Laboratory, for taking cores of the ocean bottom.

S. Smith Stevens, instructor in psychology, for the investigation of the psycho-physiology of frequency modulation and transient phenomena in normal human beings and in animals.

Theodore J. B. Stier, assistant professor of physiology, for a study of the reactions involved in the chemosynthesis of carbohydrates, fats and proteins in living cells.

George L. Stout, lecturer on design and keeper of the Ross Study Series, for the detection of the radioactivity of lead used in works of art as an index to their age.

Y. Subba-Row, teaching fellow in biological chemistry, for the chemical isolation of vitamin B₂ and other essential fractions which appear to be effective in the cure of certain diseases.

John H. Talbott, instructor in medicine, for an investigation of metabolic diseases associated with a disturbance of electrolyte equilibrium.

Morgan Upton, assistant professor of general physiology, for an investigation of the relationship between the activity of peripheral receptor mechanisms and the central nervous system with special reference to sound as the determining physical factor.

George Wald, instructor in biology, for a spectroscopic investigation of the chemistry of the retinal processes.

John H. Welsh, instructor in zoology, and Fenner A. Chace, Jr., Alexander Agassiz fellow in oceanography at the Museum of Comparative Zoology, to continue a study of the eyes of deep sea crustaceans.

E. Bright Wilson, Jr., assistant professor of chemistry, for a study of the thermodynamic properties of certain organic compounds by the measurement and interpretation of their spectroscopic properties.

Morton F. Yates, instructor in operative dentistry, for an investigation of the lymphatic drainage of the teeth.

RECENT DEATHS AND MEMORIALS

DR. RALPH D. BEETLE, professor of mathematics at Dartmouth College, died on July 9 at the age of fifty-one years.

ARTHUR B. CLAWSON, physiologist in charge of stock-poisoning plant investigations of the Bureau of Animal Industry of the U. S. Department of Agriculture, died on June 30 at the age of fifty-nine years.

THOMAS MATHER, emeritus professor of electrical engineering at the Imperial College of Science and Technology, London, died on June 23 at the age of eighty-one years.

FRIENDS and students of the late Professor Charles E. Mendenhall, of the University of Wisconsin, have subscribed a fund to found a fellowship in his memory. It has been accepted by the university and will be called the Charles E. Mendenhall Fellowship and be tenable by graduate students in experimental physics.

SCIENTIFIC NOTES AND NEWS

THE autumn meeting of the National Academy of Sciences will be held at the University of Rochester on October 25, 26 and 27. Members will be welcomed on Monday morning by Dr. Alan Valentine, president of the university, and Dr. Frank R. Lillie, president of the academy, will respond. On Monday evening there will be a special concert in the Eastman Theater by the Eastman School of Music. On Tuesday evening the subscription dinner will be held at the Genesee Valley Club. Visits will be arranged to the works of the Bausch and Lomb Optical Company and of the Eastman Kodak Company.

THE *Journal* of the American Medical Association states that Dr. Edward W. Archibald, professor of surgery and director of the department of surgery of the faculty of medicine of McGill University, was presented at a recent meeting at the Boston Medical Library with the Henry Jacob Bigelow Medal of the Boston Surgical Society. Dr. William C. Quinby, Boston, president of the society, made the presentation, and Dr. Archibald spoke on "French Surgery in the First Half of the Nineteenth Century." Under the will of William Sturgis Bigelow, in memory of his father, a sum of money was presented to the society, "the income of which is to be used from time to time for the presentation of a gold medal to some outstanding surgeon for his work in the advancement of the science of surgery."

THE first Fraser Muir Moffat Gold Medal of the

Foundation of the Tanners' Council Research for "outstanding service to the leather industry" was presented to George D. McLaughlin at the annual meeting of the American Leather Chemists' Association. The presentation was made by Dr. Fred O'Flaherty, research professor of the Graduate School of Arts and Science of the University of Cincinnati. On the face of the medal is a likeness of the late Fraser M. Moffat, who for many years was president of the Tanners' Council and who was instrumental in the establishment of the Tanners' Council Research Laboratory as a unit in the Institute of Scientific Research at the University of Cincinnati.

PROFESSOR C. O. REED, of the department of agricultural engineering of the Ohio State University, was awarded, at the recent meeting at the University of Illinois of the American Society of Agricultural Engineers, the McCormick Medal for outstanding work during the year.

THE Gold Medal of the South African Medical Association for distinguished service rendered to the profession in South Africa has been awarded to Dr. W. T. Davies, for many years president of the South Africa Medical Council.

At the commencement of Denison University the honorary doctorate of science was conferred upon Herbert Grove Dorsey, of the U. S. Coast and Geodetic Survey, and upon Warner W. Stockberger, in