

statements of the opportunities for research in various lines, written by men who have worked there, may be found in *SCIENCE*, Vol. 43, p. 917, 1916. (See also *Popular Science Monthly*, January, 1915.)

Any American investigator may be granted the use of the Cinchona Station by the Cinchona Committee, which consists of N. L. Britton, John M. Coulter and Duncan S. Johnson. Applications for this privilege and for information regarding the conditions under which it is granted should be sent to Duncan S. Johnson, Johns Hopkins University, Baltimore, Md.

#### THE COUNCIL OF NATIONAL DEFENSE

THE Council of National Defense and its advisory commission, composed of civilians, have decided to appoint seven committees to further develop the program for the mobilization of the resources of the country. They have issued the following statement:

The program of the council and commission has for its object the provision of an adequate military and naval defense based on an adequate industrial and commercial coordination and preparation. To attain this end, a definite, immediate and continuing program is being worked out.

The commission has divided into committees. A member of the commission is the chairman of each of the committees. Committees have been formed to take charge of the following subjects, and other committees will be formed as they may be needed.

A. Medicine, including general sanitation, Commissioner Franklin H. Martin, chairman.

B. Labor, including conservation of health and welfare of workers, Commissioner Samuel Gompers, chairman.

C. Transportation and communication, Commissioner Daniel Willard, chairman.

D. Science and research, including engineering and education, Commissioner Hollis Godfrey, chairman.

E. Raw materials, minerals and metals, Commissioner Bernard Baruch, chairman.

F. Munitions, manufacturing, including standardization and industrial relations, Commissioner Howard Coffin, chairman.

G. Supplies, including food, clothing, etc., Commissioner Julius Rosenwald, chairman.

The chairman of each committee will call a series of conferences with representatives of trades, busi-

nesses or professions. At such conferences the representatives shall be asked to organize so as to deal with the council through one man or through a committee of not more than three men, to whom the council shall submit problems which may affect the national defense and welfare.

One or more members of the council will meet the conferees and set forth the desires of the government and its needs. To quote the words of the enabling act, these needs are "the creation of relations which will render possible in time of need the immediate concentration and utilization of the resources of the nation."

The chairmen were authorized to select committeemen from either government or civil life.

#### THE ANNUAL MEETING OF THE NATIONAL ACADEMY OF SCIENCES

THE annual meeting of the National Academy of Sciences will be held at the Smithsonian Institution in Washington on April 16, 17 and 18, 1917.

By direction of the council and of the program committee, members are invited to present brief announcements, not exceeding ten minutes in length, of new discoveries and of the results of current research work, somewhat similar in scope and character to the announcements regularly made in the *Proceedings*. Titles, accompanied by an abstract of 100 or 200 words, should be sent to the chairman of the program committee, Professor B. B. Boltwood, Yale University, New Haven, Conn., not later than March 30, in order to be included in the program to be printed in *SCIENCE*. Titles which reach the chairman later than March 30 will be assigned a place by the program committee so far as time permits. About one third of the scientific program has been reserved for these announcements; the remainder will be arranged by the program committee. The sessions will be held as follows:

##### *Monday, April 16*

9.30 A.M. Business session, U. S. National Museum.

10.30 A.M. Scientific session (open to the public), U. S. National Museum.

2.30 P.M. Scientific session (open to the public), U. S. National Museum.

4.00 P.M. First William Ellery Hale Lecture,

by Edwin Grant Conklin, professor of zoology, Princeton University. Subject: "Methods and Causes of Organic Evolution" (open to the public), U. S. National Museum.

9.00 P.M. Reception, main hall, Smithsonian Institution.

*Tuesday, April 17*

9.30 P.M. Business session, U. S. National Museum.

10.30 A.M. Scientific session (open to the public), U. S. National Museum.

2.30 P.M. Scientific session (open to the public), U. S. National Museum.

8.00 P.M. Annual dinner, Raleigh Hotel. Presentation of medals.

*Wednesday, April 18*

9.30 A.M. Business session, U. S. National Museum. Election of officers and members.

1.30 P.M. Luncheon, Raleigh Hotel.

3.00 P.M. Scientific session (open to the public), U. S. National Museum.

4.00 P.M. Second William Ellery Hale Lecture, by Edwin Grant Conklin, professor of zoology, Princeton University. Subject: "Methods and Causes of Organic Evolution" (open to the public), U. S. National Museum.

### SCIENTIFIC NOTES AND NEWS

THE portrait by Henry Ulke of Joseph Henry, first secretary of the Smithsonian Institution, has been transferred by a senate resolution, from the capitol to the Smithsonian Institution, where it has been hung in the National Gallery of Art, in the new building of the National Museum.

DR. WILLIAM H. WELCH was the guest of honor at the tenth annual banquet of the Æsculapian Club, Philadelphia, on February 6.

PROFESSOR AUSTIN F. HAWES, head of the forestry department of the University of Vermont and state forester, has resigned. Two positions were created lately in the United States Government's States Relations Service, foresters in charge of the Agricultural Extension work, one for the Cotton Belt States and one for the states of the north and west, the last of which Professor Hawes will fill.

DR. FABIAN FRANKLIN, associate editor of the New York *Evening Post* since October, 1909, has resigned. Dr. Franklin was pro-

fessor of mathematics in the Johns Hopkins University from 1879 to 1895.

DR. MORTON G. LLOYD, formerly technical editor of *The Electrical Review* and *Western Electrician*, has accepted a temporary appointment as associate engineer in the Bureau of Standards, Washington, D. C.

K. F. KELLERMAN has been promoted from the position of assistant chief to that of associate chief of the Bureau of Plant Industry, U. S. Department of Agriculture.

DR. WATSON L. WASSON, professor of mental diseases in the college of medicine of the University of Vermont, has accepted the position of superintendent of the Vermont State Hospital for the Insane at Waterbury to succeed Dr. Don D. Grout, who has resigned. Dr. E. A. Stanley has been appointed to succeed Dr. Wasson at the University of Vermont. He has been a member of the hospital staff for some time.

AFTER seven months' absence in Japan, Korea, southern Manchuria and China, Assistant Professor Wellington Downing Jones, of the department of geography at the University of Chicago, has returned to the university for his regular work. The purpose of his trip to the Orient was to get a general view of the regions visited so as to be able to study intelligently what has been written about them, and also to plan effectively future detailed field investigations.

It is stated in *Nature* that Captain Amundsen, the Norwegian explorer, who proposes to endeavor to reach the North Pole by aeroplane, is on his way to Norway from America to complete his plans. The ship in which he will make the first part of the journey is to be launched at Christiania next March, and Captain Amundsen expects to start his scientific expedition about the summer of next year. He hopes eventually to come in touch with Robert A. Bartlett, another explorer, who is going via Bering Strait.

At the annual meeting of the Royal Microscopical Society, held on January 17, the following officers were elected for the year 1917: *President*, E. Heron-Allen; *Vice-presidents*, J.