

Carnegie Institution of Washington; Owen D. Young; Dr. Simon Flexner, director of the Rockefeller Institute for Medical Research; Dr. John J. Carty, vice-president of the American Telephone and Telegraph Company; Dr. William H. Welch, director of the School of Hygiene and Public Health of Johns Hopkins University; Professor A. B. Lamb, of Harvard University; Professor Oswald Veblen, of Princeton University; Dr. Thomas H. Morgan, of Columbia University; Dr. George E. Hale, director of Mount Wilson Observatory, Pasadena, California.

Other members of the fund's special board of trustees are: Andrew W. Mellon, Charles E. Hughes, Henry M. Robinson, John W. Davis, Julius Rosenwald, Dr. James H. Breasted, director of the Oriental Institute of the University of Chicago, Felix Warburg and Professor L. R. Jones, of the University of Wisconsin.

APPROPRIATIONS FOR THE UNITED STATES DEPARTMENT OF AGRICULTURE

THE annual agricultural department supply bill was reported in the house on January 23 by the appropriation committee. The measure provides for a total expenditure of \$126,220,000 during the fiscal year, representing an increase of \$486,000 over last year's bill, but a decrease of \$3,245,000 from budget estimates.

For continuance of federal aid to states in road construction the measure recommends appropriation of \$75,000,000, which is \$1,000,000 below current funds, but increasing from \$4,000,000 to \$5,000,000 funds for building forest roads and trails.

The bill allots \$2,521,000 to the Weather Bureau, an increase over current funds of \$178,165, which the committee explained is necessary to cover an increase of \$147,000 in telegraphic tolls on transmitting weather reports and to provide for additional field stations.

For farmers cooperative demonstrations, the measure again appropriates \$1,308,000, while \$630,000, an increase of \$20,000, is recommended for the inspection and quarantine work of the Bureau of Animal Industry.

A total appropriation of \$1,440,000 is made for agricultural experimental stations, in accordance with the Purnell Act of the last Congress. This is an increase of \$480,000 over current funds.

Other appropriations include: Bureau of animal industry, \$8,369,000, decrease of \$15,000; bureau of dairy industry, \$490,790, decrease of \$5,000; bureau of plant industry, \$3,853,000, decrease of \$28,000; forest service, \$8,232,000, increase of \$38,000; bureau of entomology, \$2,606,000, increase of \$51,000;

bureau of agricultural economics, \$4,731,000, decrease of \$6,000.

To purchase land to be included in the upper Mississippi River wild life refuge, the bill appropriates \$25,000 compared with a current appropriation of \$400,000. The report explained that inasmuch as work on this project did not start until the beginning of the present fiscal year, the recommended appropriation with that remaining from current funds would be sufficient.

THE GUGGENHEIM FUND FOR AERONAUTICS

THE endowment of chairs of aeronautics in universities in the West, South and Southwest is proposed by the Daniel Guggenheim fund for the promotion of aeronautics, which will spend \$2,500,000 to foster aeronautical science in the next ten years.

Daniel Guggenheim has given \$500,000 to New York University for an aeronautical school there. The Boston School of Technology already has such a course. The demand for technical education in flying in the East is thus considered to be met. Besides endowing professorships, a school of aeronautics may be founded in some engineering college on the Pacific Coast.

Harry F. Guggenheim suggested that the fund might encourage trade schools to set up courses in plane building and rigging. He suggested also that fellowships be founded enabling engineering graduates to take postgraduate courses at aeronautical schools. Other fellowships would send aircraft students abroad.

Other research under consideration includes problems in connection with helicopters, radio direction finders and leader cables. Fundamental research in aerodynamics is also to be encouraged.

MEETING OF THE SOUTHWESTERN DIVISION OF THE AMERICAN ASSOCIATION

THE seventh annual meeting of the Southwestern Division of the American Association for the Advancement of Science will be held in Phoenix, Arizona, on February 15, 16, 17 and 18, under the presidency of Professor T. D. A. Cockerell, of the University of Colorado.

The plans for the meeting include many lectures which will be of interest to the general public as well as to men and women of science. These will be delivered at the general sessions of the division. The section programs are being planned with especial care and it is anticipated that these meetings will prove more profitable and interesting than ever before. The custom of a noon-day luncheon, followed by a symposium, has become an established feature of the