

cisco, Calif.; 82; retired agriculture physiologist with the U.S. Department of Agriculture; 19 Oct.

HENRY N. RIDLEY, London, England; 100; former director of Singapore's Botanic Gardens; originator of Malaya's rubber industry; 24 Oct.

DANIEL C. SAYRE, Princeton, N.J.; 53; associate dean of Princeton University's School of Engineering and director of the James Forrestal Research Center; 19 Oct.

ROY S. SWINTON, Ann Arbor, Mich.; 70; professor on the engineering mechanics faculty at the University of Michigan; 20 Oct.

GEORGE B. WISLOCKI, Milton, Mass.; 64; head of the department of anatomy, James Stillman professor of comparative anatomy, Hersey professor of anatomy, and a member of the faculty of the Harvard University Museum of Comparative Zoology; 22 Oct.

## Education

■ The 36th annual observance of American Education Week is scheduled for 11–17 Nov. The purpose of the observance is to bring the needs and achievements of the schools before the public and to emphasize the important role education plays in democracy. National sponsors of American Education Week are the National Education Association, the American Legion, the U.S. Office of Education, and the National Congress of Parents and Teachers.

■ *Our Mr. Sun*, the first of a series of hour-long color films on science being sponsored by the Bell Telephone System, will be telecast on 19 Nov. at 10 P.M. over the C.B.S. television network. The aim of the programs is to present authentic scientific information in terms that will interest and entertain a mass popular audience. The films will be made available by the Bell System for showing to special audiences after their initial telecast. It is hoped that they will be useful in schools to stimulate interest in science or as teaching aids in specific fields.

General supervision of the choice and treatment of subject matter for the program series is in the hands of an advisory board that includes the following members: George W. Beadle, California Institute of Technology, biology and genetics; John Z. Bowers, University of Wisconsin Medical School, medicine; Paul R. Burkholder, Brooklyn Botanic Garden, microbiology and bacteriology; Farrington Daniels, University of Wisconsin, chemistry; Maurice Ewing, Columbia University, earth sciences; George R. Harrison, Massachusetts Institute of Technology, physics; Clyde Kluckhohn, Harvard University, anthropology; War-

ren Weaver, Rockefeller Foundation, mathematics (vice chairman); and Ralph Bown, former vice president of research, Bell Telephone Laboratories, engineering (chairman).

In order to achieve the broadest popular appeal, the programs will make full use of entertainment techniques. These will include "story" plots, animated cartoons, and documentary photography from remote areas of the world. Scientific films, such as microphotography and time-lapse sequences, also will be used. Frank Capra is producer and director of *Our Mr. Sun*.

■ The staff of a laboratory at Harvard Medical School and Boston Lying-In Hospital is working for 4 months at the Karolinska Institute Hospital in Stockholm, Sweden. Five biological chemists, led by Claude A. Villee of Harvard, will expand their current studies on changes taking place in embryonic tissue prior to birth in association with the Karolinska staff. Working in Sweden with Villee will be his wife Dorothy, also a scientist, and D. D. Hagerman, J. M. Loring, and F. M. Wellington.

■ The Educational Television and Radio Center, Ann Arbor, Mich., has prepared three new films designed to encourage interest in the area of science. They are *Tempest in a Test Tube*, *The Secret of Flight*, and *Doctors of Space*.

■ Exercises inaugurating a graduate educational program leading to the Ph.D. degree in the biological sciences basic to medicine took place recently at the State University of New York's Downstate Medical Center in Brooklyn. The new program, which this year admitted candidates to the study of anatomy, biochemistry, pharmacology, and physiology, will complement the Medical Center's 4-year program leading to the M.D. degree.

## Grants, Fellowships, and Awards

■ During October, colleges and universities in the United States, Cuba, and Hawaii received \$196,383 in grants from the Research Corporation to aid basic research in science. The awards, which are distributed quarterly, will aid investigations in chemistry, physics, astronomy, mathematics, and engineering. A total of \$630,551 has been distributed so far this year.

■ The School of Mathematics of the Institute for Advanced Study, Princeton, N.J., will allocate a small number of grants-in-aid to gifted young mathematicians and theoretical physicists to enable them to study and to do research work at Princeton during the academic year 1957–58. Candidates must have

given evidence of ability in research comparable at least with that expected for the degree of doctor of philosophy. Application blanks may be obtained from the School of Mathematics, Institute for Advanced Study, Princeton, N.J. Completed forms must be returned by 1 Jan. 1957.

■ The National Science Foundation will make available a limited number of individual travel grants to partially defray the travel costs of American scientists who wish to attend the following international congresses:

Second International Congress of Photobiology, Turin, Italy, 1–9 June 1957; application deadline, 1 Jan. 1957.

Fourth Congress of the International Association of Gerontology, Merano, Italy, 14–19 July 1957; application deadline, 1 Jan. 1957.

First International Congress of Neurological Sciences, Brussels, Belgium, 21–28 July 1957; application deadline, 1 Jan. 1957.

Fifteenth International Congress of Psychology, Brussels, Belgium, 28 July–3 Aug. 1957; application deadline, 1 Feb. 1957.

Fourth International Congress on Nutrition, Paris, France, 24–29 July 1957; application deadline, 1 Jan. 1957.

Congress of the International Union for the Scientific Study of Population, Stockholm, Sweden, 8–15 Aug. 1957; application deadline, 1 Mar. 1957.

Sixth Congress of the International Society for the Study of Biological Rhythms, Semmering, Austria, 26–28 Aug. 1957; application deadline, 1 Jan. 1957.

Ninth International Congress of Cell Biology, St. Andrews, Scotland, 28 Aug.–2 Sept. 1957; application deadline, 1 Jan. 1957.

Ninth General Assembly of the International Union of Pure and Applied Physics, Rome, Italy, Sept. 1957, and associated meetings; application deadline, 10 Jan. 1957.

Application blanks may be obtained from the National Science Foundation, Washington 25, D.C. The screening of applications will generally be made by an appropriate ad hoc advisory committee. For example, in the case of the Cell Biology Congress, arrangements have been made with the American Institute of Biological Sciences to establish a committee of representatives from scientific societies concerned with cell biology to evaluate applications and to decide the basis for recommending grantees to the foundation.

■ The U.S. Atomic Energy Commission special fellowships in industrial medicine for 1957–58 have been announced by the Atomic Energy Project, School of Medicine and Dentistry, University of