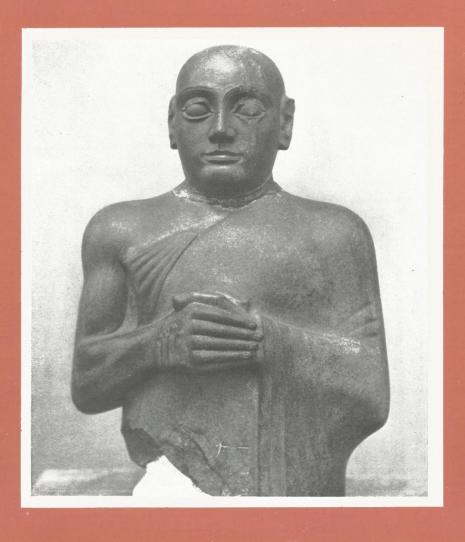
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





MAY 2, 1931



With Folded Hands Before the City's God
See Page 281

SCIENCE SERVICE PUBLICATION

SCIENCE NEWS LETTER

VOL. XIX

No. 525

The Weekly Summary of



Published by

SCIENCE SERVICE

The Institution for the Popularization of Science organized under the auspices of the National Academy of Sciences, the National Research Council and the American Association for the Advancement of Science.

Edited by WATSON DAVIS

Subscription rates—\$5.00 a year postpaid. 15 cents a copy. Ten or more copies to same address, 5 cents a copy. Special reduced subscription rates are available to members of the American Association for the Advancement of Science.

In requesting change of address, please give old as well as new address.

Advertising rates furnished on application.

Board of Trustees of Science Service

Honorary President, William E. Ritter, University of California. Representing the American Association for the Advancement of Science, J. McKeen Cattell, President, Editor, Science, Garrison, N. Y.; Burton E. Livingston, Johns Hopkins University, Baltimore, Md.; Raymond Pearl, Director, Institute for Biological Research, Johns Hopkins University, Baltimore, Md. Representing the National Academy of Sciences, John C. Merriam, President, Carnegie Institution of Washington; R. A. Millikan, Director, Norman Bridge Laboratory of Physics, California Institute of Technology, Pasadena. California; David White, Vice-President and Chairman of Executive Committee, Senior Geologist, U. S. Geological Survey. Representing National Research Council, Vernon Kellogg, Permanent Secretary, National Research Council, Washington, D. C.; C. G. Abbot, Secretary, tional Research Council, Vernon Kellogg, Permanent Secretary, National Research Council, Washington, D. C.; C. G. Abbot, Secretary, Smithsonian Institution, Washington, D. C.; Harrison E. Howe, Editor of Industrial and Engineering Chemistry. Representating Journalistic Profession, John H. Finley, Associate Editor, New York Times; Mark Sullivan, Writer, Washington, D. C.; Marlen E. Pew., Editor of Editor and Publisher, New York City. Representing E. W. Scripps Estate, Harry L. Smithton, Treasurer, Cincinnati, Ohio; Robert P. Scripps, Scripps-Howard Newspapers, West Chester, Ohio; Thomas L. Sidlo, Cleveland, Ohio. Ohio.

Staff of Science Service

Acting Director, Vernon Kellogg; Managing Editor, Watson Davis; Staff writers; Frank Thone, Emily C. Davis, Jane Stafford, Marjorie Van de Water, J. W. Young, Elizabeth Spence, D. Lindsay Watson; Librarian, Minna Gill; Sales and Advertising Manager, Hallie Jenkins.

Copyright, 1931, by Science Service, Inc. Republication of any portion of the SCIENCE NEWS LETTER is strictly prohibited since it is distributed for personal, school, club or library use only. Newspapers, magazines and other publica-tions are invited to avail themselves of the nu-merous syndicate services issued by Science Ser-vice, details and samples of which will gladly be sent on request.

Publication Office, 1930 Clifton Ave., Baltimore, Md. Editorial and Executive Office. Constitution Ave. at 21st St., N. W.; Washington, D. C.

Address all communications to Washington, D. C. Cable address: Scienserve, Washington.

Entered as second class matter October 1, 1926, at the postoffice at Baltimore, Md., under the act of March 3, 1879. Established in mimeographed form March 13, 1922. Title registered as trade-mark, U. S. Patent Office.

DO YOU KNOW THAT

There are more than 100 species of snakes in the United States, of which number only 17 are poisonous.

Samuel F. Morse, inventor of the telegraph, was an artist and painted many noted men of his time.

There has been an increase in automobile deaths every year since 1904, the first year in which records were kept, the National Safety Council reports.

A Greek palace of the fifth century B. C. has been excavated at Alexandretta, Syria, with the recovery of statues of Eros, Mercury and other gods, and various ornaments.

Small dogs tend to have a body temperature slightly higher than big dogs.

The British Museum has a Chaldean tablet recording a solar eclipse of 1062

Polo was played almost two thousand years ago by nomad horsemen in central Asia.

"Bumpy" air shocks an airplane harder than the bumps of fast landing, tests show.

Tuberculosis takes its greatest toll between the ages of 15 and 25.

A drought that was almost continuous from 1896 to 1902 was experienced by New South Wales and Queensland.

A talking film on the Indian sign language is being made by the Government, with Maj. Gen. Hugh L. Scott as the film lecturer who explains the signs.

New kinds of soybeans have been brought to the United States by a government plant explorer who spent two years in the Orient.

WITH THE SCIENCES THIS WEEK

Anthropology		Geophysics	
Elephant Teeth as Calendar	276	Small River From Geysers	278
Archaeology		ICHTHYOLOGY	
An Ancient "Old Master"	281	Weed Seed Horn	277
Pueblo on Menagerie Site	287	MEDICINE	
Astronomy		Epilepsy Diet Provokes Pellagra	280
Atoms in Sun's Atmosphere	275	Men Better Blood Donors	276
May Skies Herald Summer	279	METEOROLOGY	
Moonlight Spoils Radio Reception	278	Carbonic Acid Warms Earth	278
Movies of Sunset on Moon	282	Long-Range Rainfall Predictions	277
Botany		Nutrition	
Flowers Defied Ice	281	Vitamins of Shark Family	281
Oak Blossoms"Nature Ramb-		Photography	
lings''	287	Movies of Sunset on Moon	282
ELECTRICITY		300 Projectors for Movie	275
Dust, Soot, Smoke and Fumes—		Physics	
"A Classic of Science"	283	Atoms in Sun's Atmosphere	275
Potash Center May Shift	281	Cosmic Rays Questioned	287
Engineering		New Light From Rare Element	276
Irrigation Sand Trap	282	Physiology	
Vertical Parking Machine	280	Children Not "Typical"	280
ETHNOLOGY		Colloid Theory of Insanity	275
Medieval Community	280	PUBLIC HEALTH	
GENERAL SCIENCE		Revolutions Cause Poor Health	276
First Glances at New Books	288	Radio	
Geology		Moonlight Spoils Radio Reception	278
Potash Center May Shitt	281	Seismology	
Sponge Reefs on Plains	280	Speed of Earthquake Waves	281

Science Service presents over the radio, an address

SAVE OUR WILD FLOWERS

By Dr. Edgar T. Wherry, professor of plant ecology at the University of Pennsylvania, who has crisscrossed the country for thousands of miles studying the American flora

Friday, May 8, at 2:45 P. M., Eastern Standard Time

Over Stations of

The Columbia Broadcasting System