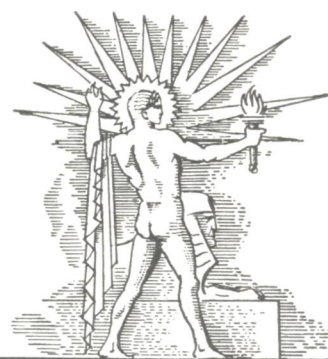


PRICE  
15¢

# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



OCTOBER 31, 1931

A Hallowe'en Cat in a Pueblo Bowl

See Page 280

A

SCIENCE SERVICE PUBLICATION

# SCIENCE NEWS LETTER

VOL. XX

No. 551

The Weekly  
Summary of



Current  
Science

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; two years, \$7.00; 15 cents a copy. Ten or more copies to same address, 5 cents a copy.

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, W. H. Howell, *Vice-President and Chairman of Executive Committee*, National Research Council, Washington, D. C.; R. A. Millikan, Director, Norman Bridge Laboratory of Physics, California Institute of Technology, Pasadena, Calif.; David White, Senior Geologist, U. S. Geological Survey. Representing National 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. Representing 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.

### Staff of Science Service

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

Copyright, 1931, by Science Service, Inc. Reproduction 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 publications are invited to avail themselves of the numerous syndicate services issued by Science Service, details and samples of which will gladly be sent on request.

Members of the American Association for the Advancement of Science have the privilege of subscribing to the SCIENCE NEWS LETTER at the reduced price of \$3 per year. Application for this privilege should be accompanied by privilege card obtained from the Permanent Secretary, A. A. S., Smithsonian Institution Building, Washington, D. C.

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: Scienservc, Washington.

Entered as second class matter October 1, 1926, at the post-office 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

?

Albino crocodiles are held in veneration by natives of Nigeria.

The land around the mouth of the Mississippi is as rich as the delta of the Nile.

Coins of many Mediterranean lands found in Egypt show how heavily the ancient world depended on Egypt for food.

More than half of the crippled children in this country owe their condition to infantile paralysis and tuberculosis.

Bermuda, which has always depended on rain for its water supply, is to have a fresh water system, as a result of ingenious engineering.

An English professor has chosen 850 words of "basic English" which provide a vocabulary adequate for ordinary communication, to be used as an auxiliary world language and also for the use of foreigners who find English bewildering.

There are 2,500 varieties of hibiscus in the Hawaiian Islands.

Cotton canvas protected by three coats of paint may be used instead of stucco for upper stories of houses.

California is canning some of her artichoke crop, and thus introducing artichokes into parts of the country not well acquainted with them.

A new European highway runs from Rovaniemi, Finland, on the Arctic Circle, to the shores of the Arctic Ocean, and links with roads and railways in southern Europe.

Tests at the U. S. Bureau of Standards show that a piano action can be constructed which will respond with 1,600 strokes per minute, a speed much faster than any performer can attain.

The daily flow from the 46 hot springs in Hot Springs National Park, Arkansas, is estimated at 850,000 gallons, with an average temperature of 142 degrees Fahrenheit.

## WITH THE SCIENCES THIS WEEK

ANTHROPOLOGY			
To Publish Classics in Czech	281	HYDROGRAPHY	
ARCHAEOLOGY		Bottle Racing for Science	280
Caricature in Greek Art	277	MEDICINE	
Cave Culture Mystery	275	Machine Outdoes Physician	279
Hallowe'en Cat of Pueblos	280	ORNITHOLOGY	
Row Houses	284	Birds Make Talkie Debut	280
BOTANY		PHYSICS	
Winter Rosettes—"Nature Ramblings"	287	Concentrating the Sun's Heat	275
CHEMISTRY		New Thermodynamics Theory	286
Element 87 Again	285	PHYSIOLOGY	
Predicting Undiscovered Elements		Insects for Vitamin Tests	286
—"A Classic of Science"	278	Cortin in Nervous Diseases	281
Unusual Vinegar	281	Don't Swing Your Children	284
DENTISTRY		Mottling of Dog's Teeth	280
Eating to Improve Teeth	276	Protection Against Frostbite	287
ENGINEERING		PSYCHOLOGY	
Newest Airship Hangar	285	Are You Grown Up?	282
Pupin Honored	280	Unspanked Children	281
Three Generations of Bridges	276	Wolves and Music	280
GENERAL SCIENCE		PUBLIC HEALTH	
First Glances at New Books	288	Chief Causes of Indian Deaths	281
GENETICS		VOLCANOLOGY	
Inheritance of Sex	277	Sulphur from Volcano	276

Science Service presents over the radio, an address

### HOW TO AVOID DIGESTIVE DISORDERS

By Dr. William Gerry Morgan, of Washington, D. C., past president of the American Medical Association and Specialist in Internal Medicine

Friday, November 6, at 3:45 P. M., Eastern Standard Time

Over Stations of

The Columbia Broadcasting System