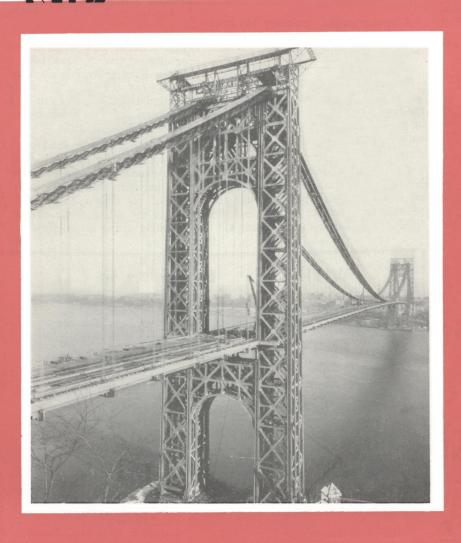
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





NOVEMBER 7, 1931



World's Longest Suspension Span

See Page 291

SCIENCE SERVICE PUBLICATION

SCIENCE NEWS LETTER

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

Board of Trustees of Science Service

Honorary President. William E. Ritter, University of California. Representing the American Association for the Advancement of 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, 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. Re-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 publications are invited to avail themselves of the numerous syndicate services issued by Science Serice, 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. 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,

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

India has no native language common to all its peoples.

The United States consumes less than half of its great cotton crop.

A rubber paint is being tested by treating the fronts of government office buildings in Singapore with it.

New York City's first double-deck passenger elevators are to be placed in operation during the coming winter.

A new scientific laboratory has been opened at the Louvre in Paris for the study of paintings.

Bones of the pygmy hippopotamus and small elephant, found in caves on the Island of Cyprus, are evidence that in geological times Cyprus was linked with the mainland.

A life line for mine rescue work has been constructed which is equipped with an electrical signaling device and also supplies each member of the crew with light in addition to their cap lamps.

Approximately one million children in the United States have tuberculosis.

Excavation of gravel pits near Glasgow has yielded stone tools used by men of the very early Old Stone Age.

Tarnish on tin cooking vessels makes them more efficient by holding, rather than reflecting, heat.

A flood in a deforested canyon in California carried from 20 to 40 times as much sediment as the corresponding freshet in an adjoining forested canyon.

Laboratories and scientific institutes for film researches have been erected on the Krestowsky Isle, in Leningrad, Russia, for the study of the newest technical inventions that can be applied to cultural and educational films.

The U.S. Forest Products Laboratory says that the service life of paints is shortened materially by waiting too long between coats, and that the old idea of painting a house with a first coat in the fall and the next coat the following spring is not efficient.

WITH THE SCIENCES THIS WEEK

Archaeology		MEDICINE	
Ancient "Better Homes"	292	Rat-Bite Fever	296
Pueblo Battle Trophies	297	Warburg Nobel Prizeman	300
Astronomy		Warburg's Work Appraised	300
Foretasting Meteors	294	Meteorology	
Motion of New Asteroid	297	Warm California Winter	297
Nagata Rewarded	291		291
CHEMISTRY	-	OCEANOGRAPHY	
Potatoes that Blacken	296	Warm California Winter	297
Predicting Undiscovered Elements-		Patents	
"A Classic of Science"	298	Color in Plant Patents	302
Engineering		Physics	
Cleaning up New York Harbor	297	Lessening Danger from X-rays	293
Lighting Washington Monument	297	Psychology	-,,,
Three New Bridges	291	Radical Farm Student	303
ENTOMOLOGY			505
Crickets—"Nature Ramblings"	303	Public Health	001
GENERAL SCIENCE		School Ventilation	301
Book Reviews	304	Radio	
Wells on Economics	296	Sunspots and Radio Reception	293
Geology		VITAL STATISTICS	
Undersea Canvon	296	Chances to Have Large Family	296

Science Service presents over the radio, an address

OUR PATENT SYSTEM

By Dr. Edwin Jay Prindle, Chairman of the Patents Committee, American Engineering Council

Friday, November 13, at 3:45 P. M., Eastern Standard Time

Over Stations of The Columbia Broadcasting System