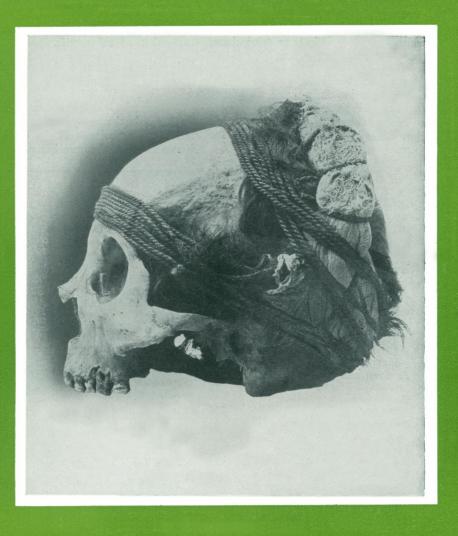
# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





**OCTOBER 18, 1930** 



Died, Despite Skill of Ancient Peruvian Surgeons
(See page 249)

SCIENCE SERVICE PUBLICATION

# SCIENCE NEWS LETTER

Vol. XVIII

No. 497

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 Sci-

In requesting change of address, please give

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, 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; David White, Senior Geologist, U. S. Geological Survey. Representing National Research Council, Vernon Kellogg, Vice-President and Chairman of Executive Committee, Permanent Secretary, National Research Council, Washington, D. C.; C. 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, O; Robert P. Scripps, Scripps-Howard Newspapers, West Chester, Ohio; Thomas L. Sidlo, Cleveland, Ohio.

### Staff of Science Service

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

Copyright, 1930, by Science Service, Inc. Republication of any portion of the SCIENCE NEWS LETTER is strictly prohibited since it is dis-tributed 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 Service, details and samples of which will gladly be sent on request.

Publication Office, 1930 Clifton Ave., Baltimore, Md. Editorial and Executive Office, 21st and B Sts., 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

The British scientific world plans to celebrate the centenary of Michael Faraday's discovery of electro-magnetic induction, September, 1931.

Contrary to popular belief, comparatively few boomerangs are of the type that circle and return to the thrower.

The difficulty of finding horsehair in this automobile age has driven many birds to substitute string as nest building material.

Ninety-six per cent of diamonds are "finger-printed" by their imperfections which may be used in identifying them, according to a gem expert.

Nutrition specialists point out that cheese won its unfavorable reputation for being indigestible because it was so often eaten in addition to meat and eggs instead of as a substitute for them.

African medicine men linked the mosquito with malaria when European scientists still thought the disease due to inhaling gases from swampy lands, according to a British official of East Africa.

In some African tribes, the chief is the official rain-maker, and is supposed to command rainfall and sunshine.

Next year will mark the one hundredth anniversary of the discovery of chloroform.

A good many fishes change color when disturbed, due to contraction and expansion of color cells.

Beech trees form a shade so dense that other trees and bushes nearby rarely survive.

One animal may "catch" warts from another, a pathologist of the U.S. Department of Agriculture has proved.

# WITH THE SCIENCES THIS WEEK

Aeronautics		GENERAL SCIENCE	
Helium Protects American Air- ships	243	First Glances at New Books in	255
*	243	Various Science Fields	255
ANTHROPOLOGY		MEDICINE	
An Indian Democracy	252	Oldest School Celebrates	253
Archaeology		METEOROLOGY	
Indian Sites in Cities	249	Good Radio in Fall	254
Indian Fort in Canada	249	Microscopy	
Prehistoric Patient Found	249	Living Tissue Growth Revealed	244
Astronomy		Ornithology	
No More Moons Found	245	Birds Follow Devious Courses	248
Pluto Appears Again	248	Physics	
Astrophysics		Strive To Release Atomic Energy	245
Cause of Magnetic Storms	253	PHYSIOLOGY	
-	200	Ability of Rats Differs	248
BACTERIOLOGY Clean Skin Kills Germs	248	Psychology	
	240	Edison's Trick Questions	246
Biology		PUBLIC HEALTH	
Man's First Glimpse of Microbes	250	Paralysis in More States	249
Botany		RADIO	- 17
Nature Ramblings—Chokeberry	254	Good Radio in Fall	254
Engineering		Surgery	
New Sun Lamp	252	Prehistoric Patient Found	249
ENTOMOLOGY		Zoology	41/
Sap Foils Termites	248	Elk Block Traffic	249
oup romo reminees	- 10	DIA DIOCK TIMIL	447

### Science Service presents a radio drama

## A FUTURE JOURNEY TO THE MOON

By Dr. John Q. Stewart, associate professor of astronomical physics at Princeton University. The principal part will be taken by Dr. Stewart in the presentation,

Friday, October 24, at 3:45 p. m., Eastern Standard Time

Over Stations of

The Columbia Broadcasting System