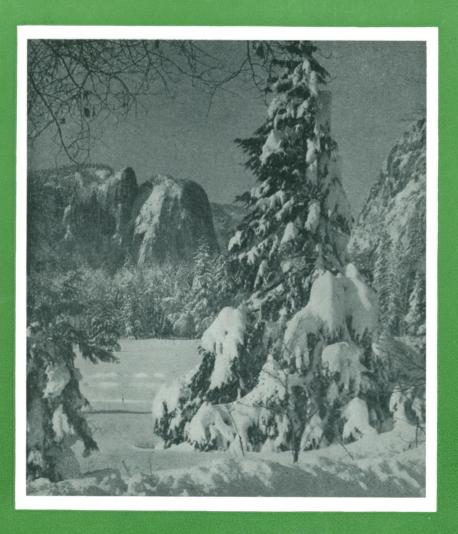


# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





**DECEMBER 21, 1935** 



Snow in a Land of the Sun See Page 393

SCIENCE SERVICE PUBLICATION

## SCIENCE NEWS LETTER

# DO YOU KNOW?

VOL. XXVIII



No. 767

Summary of

#### Current Science

Published Every Saturday by

#### SCIENCE SERVICE

THE INSTITUTION FOR THE POPULAR-IZATION OF SCIENCE organized 1921 as a non-profit corporation, with trustees nominated by the National Academy of Sciences, the National Re-search Council, the American Association for the Advancement of Science, the E. W. Scripps Es-tate and the journalistic profession.

#### Edited by WATSON DAVIS

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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. Back numbers more than six months old, 25 cents.

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Publication Office, 1930 Clifton Ave., Baltimore, Md., Editorial and Executive Office, 2101 Constitution Ave., Washington, D. C.

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 trademark, U. S. and Canadian Patent Offices. Advertising rates furnished on application.

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Glass razor blades are a new European invention.

Mushrooms contain vitamin D, a German physiologist has discovered.

Bananas from the tropics are marketed as far north as Alaska and Spitzbergen.

Two more safety zones for ducks and other waterfowl have been established in North Dakota.

Motor lifeboats on large ocean vessels are soon to be equipped with radio telegraph equipment.

A mosaic photograph of the State of Connecticut taken from the air is 18 feet by 13 feet in extent.

Chemists have succeeded in making some dormant oil wells spout again by a treatment of hydrochloric acid.

New German bar fixtures handle beer through glass tubing, entirely eliminating the tin tubing hitherto used.

Indian children of the Southwest had "chewing gum"-secretions that oozed from milkwood vines and other plants.

So curious are the effects of infra-red photography that various black dyed objects may appear in a picture as grays from practically white to black.

An improved method of detecting tiny quantities of lead in foods, and in checking lead fumes in factory air, has been found by government chemists.

Old China had a version of the motorcycle siren to clear the way for a celebrity: imperial bodyguards shot whistling arrows when the Emperor went driving.

A collection of Ethiopia's plants, gathered 100 years ago by the first European to become acquainted with Ethiopia's interesting flora, is now at the Field Museum in Chicago.

Doctors used to regard cancer and tuberculosis as diseases antagonistic to one another; but now it is realized that individuals may have both at once, and even in the same organ.

The giant aluminum industry recalls this picturesque bit of history: the first known object made of aluminum was a baby rattle presented to the small Prince Imperial of France, 1855.

## WITH THE SCIENCES THIS WEEK

Most articles are based on communications to Science Service or papers before meetings, but where published sources are used they are referred to in the article.

**AERONAUTICS** 

What is the highest man has been above the earth? p. 388.

How did Palestine Man differ from his European contemporaries? p. 388.

How old is the universe? p. 390.

AVIATION—ZOOLOGY

How can the little pocket gopher menace airplanes? p. 393.

What gas is produced by maturing fruits? p. 390.

Will bacteria grow at temperatures below freezing? p. 392.

How can gas explosions be prevented? p. 393. What precious liquid was concentrated by boiling down 75 tons of water for a year? p. 391.

EARTH SCIENCES

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ENGINEERING

What is the shortest time required to cross the Atlantic by ship? p. 394.

GENERAL SCIENCE

What new institute will be headed by Prof. Kapitza? p. 392.

MEDICINE

Do pernicious anemia sufferers need to eat large amounts of liver daily? p. 399. How can babies be saved from blindness due to cancer? p. 393.

How does brain fluid affect blood pressure?

p. 392. What scientists have been observing brain waves? p. 395.

How is a giant magnet used to explore the tiny atom? p. 387.

What is the new value for the atomic weight of hydrogen? p. 396.

What is wrong with the acoustics of the U. S. Supreme Court room? p. 392.

What new use has been found for submarine batteries? p. 393.

#### PSYCHOLOGY

Can an adult learn faster than a child? p. 396.