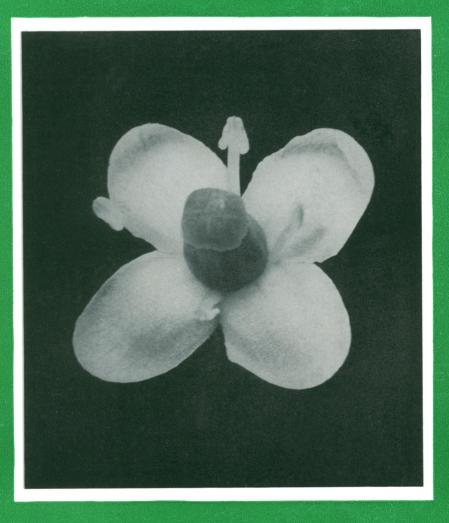


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE .





DECEMBER 19, 1936



Bloom of the Holly

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SCIENCE NEWS LETTER

DO YOU KNOW?

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Edited by Watson Davis

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Many fires in the home start by the replacement of blown fuses with pennies.

Fifty-five Arctic weather stations are now in operation along Soviet shores and islands.

Paper dishes, made by a special process, are being used on a large scale for food and drink in Soviet Russia.

The first letter written on a typewriter in the United States is in the historical collection of the Smithsonian Institution at Washington.

Ten thousand miles by airplane in twelve days recently brought a package of valuable drugs from New York to a hospital in Pretoria, South Africa.

An 80-quart mixing machine and an electric toaster that handles 2,800 slices of bread an hour are among the new devices for hotel kitchens.

British engine manufacturers are interested in a new chrome-hardening process which increases wear resistance in Diesel engine cylinders by as much as 400 per cent.

Growth of fungi produces numerous materials with important industrial possibilities.

East Indian scientists have been making tests to learn why donkey's milk is more digestible than cow's milk.

The boundary dispute between Ecuador and Peru involves an area claimed by both nations, as big as the State of New York.

The bone deformity called perosis in young chickens is traced to lack of manganese and certain other inorganic elements in their diet.

An anthropologist who studied skeletons of Egyptians living before the dynastic era, found arthritis of the spine in 40 per cent of cases.

The U. S. Forest Service has made tests to find the best colored goggles for men who have to endure glare and sunlight while watching for forest fires.

The modern French governess had an equivalent in ancient Rome-well brought up children spoke Greek from infancy, generally taught by a Greek.

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.

From what place did good little children get their toys 5,000 years ago? p. 394.

How was the first Christmas pictured in the ancient Land of Egypt? p. 393.

Was the Star of Bethlehem three bright planets? p. 393.

AVIATION

How close will airplanes of the next decade bring Europe? p. 390.

AVIATION-METEOROLOGY

What effect will Boulder Dam Lake have on flying? p. 391.

BIOLOGY-ANTHROPOLOGY

Can a plant be used as an "electric eye"? p. 387.

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DENDROLOGY

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Where does a forward-moving glacier steadily retreat? p. 393.

Should visitors to the tropics drink mint juleps? p. 389.

METEOROLOGY

Why do some Indians believe this winter will be cold? p. 392.

MUSEUM SCIENCE

How can museum birds be made to move and sing? p. 398.

PHYSICS-ASTRONOMY

What astronomical test has been proposed for the relativity theory? p. 388.

Physiology

How is the breathing mechanism of the newborn started without "cranking"? p. 392. What damage do students do their eyes in college? p. 392.

PLANT PHYSIOLOGY

What chemical will aid in keeping the Christmas tree green? p. 392.

What honor has been bestowed upon Dr. Clarence J. West? p. 389.