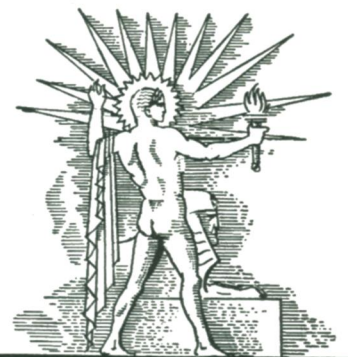


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



APRIL 16, 1932

Fresh from an Ancient Treasure Tomb

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DO YOU KNOW THAT

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Alcohol used in extraction of drugs can be recovered and re-used as many as fifteen times.

A sugar maple tree when tapped yields on the average fifteen gallons of sap, though some may yield forty gallons.

Growers of citrus fruits in California are having new difficulties with their most serious pest, red scale, which is gaining a tolerance for the cyanide fumes that heretofore kept it in check.

Honey is now being sold in tubes, like toothpaste.

New museums are springing up in this country at the rate of one a month.

Much of the damage to wool, fur, and feathers for which clothes moths are blamed is really done by carpet beetles.

The U. S. Department of Agriculture has compiled a list of the flowers popular in George Washington's time, for the information of modern garden makers.

As far back as 1700 B. C., people in India had ideas of dental hygiene and were accustomed to clean their teeth with twigs.

The pelican's pouch is used as a scoop or dipnet for fishing, not for storing fish.

Dry wood is as much as two and one-half times as strong as the same wood when it is green, says the U. S. Forest Service.

Germany, leading producer of amber, has an annual output of 600,000 to 900,000 pounds, of which 75 per cent. is melted into amber oil.

A hidden store of pearls, gold pendants, and bronze and silver necklaces belonging to the Vikings was recently found under a stone by two fishermen near Visby, Sweden.

The carbonated beverage industry in this country traces its origin to a little chemist shop in Philadelphia, where fruit juices were added to artificially carbonated water, in 1807.

WITH THE SCIENCES THIS WEEK

CURIOSITY-AROUSING questions are prepared concerning the most interesting and important news in each issue. These questions should be a mental stimulant for the adult reader and a boon to the teacher who uses the Science News Letter to add zest to her classroom instruction.

Book reference in italic type is not the source of information of the article, but a reference for further reading on the subject of the article. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

ARCHAEOLOGY

How large an area does the newly-found Indian pueblo cover? p. 244.

Where was the new Indian tomb opened? p. 245.

ASTRONOMY

What is the name of the recently-discovered comet? Where was it first located? p. 245.

BIOCHEMISTRY

Why is the isolation of the male sex hormone important? p. 250.

CHEMISTRY

What is the atomic number of uranium? p. 250.

ENGINEERING

How many compartments does the submarine rescue jar have? How do they function? p. 249.

ETHNOLOGY

Who were the official dream-interpreters of ancient Egypt? p. 248. *The Nile and Egyptian Civilization*—Alexandre Moret—Knopf, 1927, \$7.50.

INVENTION

How many patents were issued last year? p. 239. *Inventions and Patents*—Milton Wright—McGraw-Hill, 1927, \$2.50.

MEDICINE

On what facts is the new cancer test based? p. 245.

What are two risks a person runs who has high blood pressure? p. 241. *How's Your Blood*

Pressure?—Clarence L. Andrews—Macmillan, 1931, \$2.50.

What is the theory of the new treatment of stomach ulcer? p. 248.

METEOROLOGY

How are doubled-cone-shaped snowflakes formed? p. 245. *Snow Crystals*—W. A. Bentley and W. J. Humphreys—McGraw-Hill, 1931, \$10.

ORNITHOLOGY

What does the crow like best to eat? p. 251.

PHYSICS

How does the attraction of the two opposite elemental poles compare with that between the electron and proton? p. 243. *Electricity and Magnetism*—Charles A. Culver—Macmillan, 1930, \$3.25.

PHYSIOLOGY

What chemical leaks from the brain cells to cause epilepsy? p. 251.

PUBLIC HEALTH

What deadly germ may home-canned vegetables contain? p. 244.

RADIO

What lengths include the short radio waves? p. 246.

ZOOLOGY

How long did the herons in the public squares of Alameda tolerate alarm clocks? p. 244.