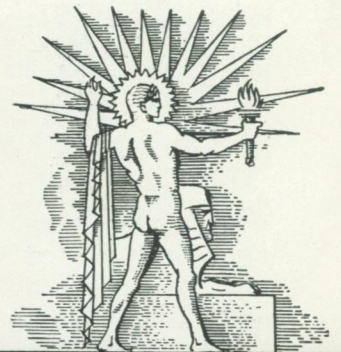


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



APRIL 7, 1934

Beginnings of the Largest Telescope

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DO YOU KNOW?

Honey is believed to be the chief sweet known to the Greeks and Romans.

The Parthenon in Athens served in turn as a temple, a church, and a mosque.

The grave of a Viking chief has been found in the grounds of Stockholm's new airport.

The growing of orchids is now speeded up by planting the seed in airtight test tubes.

Federal chemists have found ways to store turpentine to prevent rapid deterioration in its quality.

To keep highways from freezing in icy weather, German scientists are trying chemical methods of making anti-freeze road surfaces.

A government scientist has isolated a bacterium which seems to be the cause of three apple diseases, measles, target canker, and rough bark.

There are 1,200 natural lakes in the "arid" state of Nebraska.

Entomologists figure that there is about one chance in nineteen that weather will keep grasshoppers in check.

Usefulness of splints in healing a broken arm was known to the prehistoric Cliff Dwellers of the Southwest.

Sprouting of potatoes can be speeded up by a month or more if the whole or cut dormant potato tubers are treated with carbon dioxide.

Scientists studying the genetics of the Thoroughbred horse at Cold Spring Harbor, N. Y., have gathered records of 10,000 Thoroughbreds.

At 40 degrees below zero a person exerting himself outdoors is in danger of freezing his lungs and contracting pneumonia or tuberculosis.

Famous Crater Lake, in Oregon, seems to be dependent for its water entirely upon moisture from the skies, having no known outlets or inlets.

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What people inhabited Palestine in 13,000 B.C.? p. 217.

Where did both ancient and modern armies fight alike? p. 213.

ASTRONOMY—METEOROLOGY

Why does the brightness of planets change? p. 214. *Other Worlds*—E. L. Moseley—Appleton, 1933, \$2.

BOTANY—ENTOMOLOGY

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CHEMISTRY

How much gold is in a ton of sea water? p. 213.

What is azochloramid the short name for? p. 215.

Where is turpentine obtained from waste? p. 216.

CLIMATOLOGY

How many ice ages have there been? p. 218. *Climate Through the Ages*—C. E. P. Brooks—R. V. Coleman, 1926, \$5.

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What gland may cause precocity? p. 222. What animals have the largest adrenal glands? p. 217.

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Was syphilis in America before 1492? p. 217.

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Why was the first heavy water harmful? p. 216.

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Can the body make leucine? p. 211.

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How does the meadowlark dress? p. 223. *Field Book of Wild Birds and Their Music*—F. S. Mathews—Putnam's, 1904, \$3.50.

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Where did the first men live? p. 211. *Up from the Ape*—E. A. Hooton—Macmillan, 1931, \$5.

PHARMACOLOGY

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How can sprinkling water be made to stand still? p. 212.

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Which is the musical "chord of excitement?" p. 214.

SEISMOLOGY

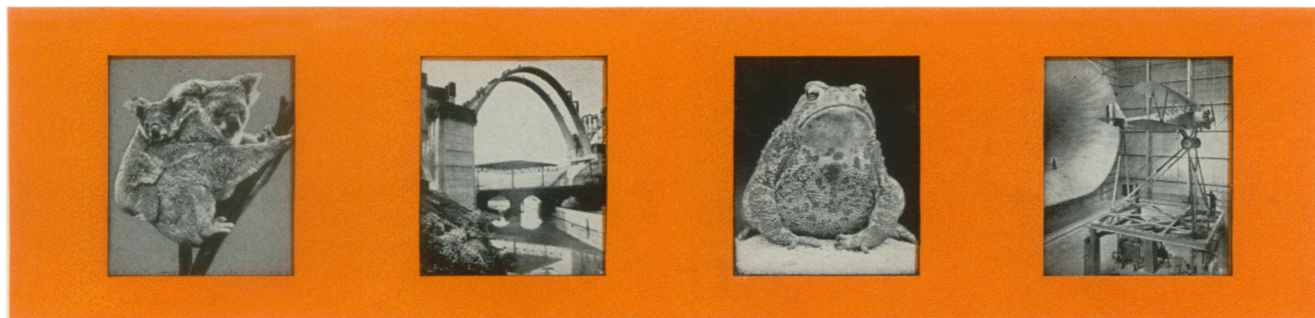
When did the earth shake severely at the Solomon Islands? p. 212.

These curiosity-arousing questions show at a glance the wide field of scientific activity from which this week's news comes. Book references in italic type are not sources of information for the article, but the references for further reading. Books cited can be supplied at Book Department, Science News Letter, at publishers' prices, prepaid in the United States.

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