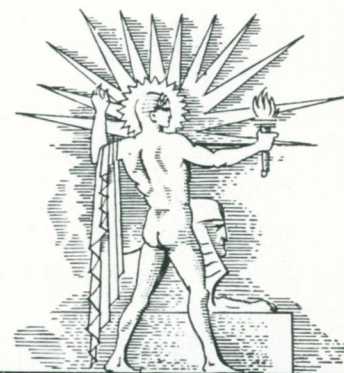


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THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



AUGUST 13, 1932

Wind-Blown Lightning

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DO YOU KNOW THAT

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The process of tooth formation begins about six months before a baby's birth.

Tests on redwood trees show that the strongest lumber in one of these big trees is near the bottom.

Russian thistle, a troublesome weed which thrives in the West, is now discovered to have feed value for stock.

In the ruins of Herculaneum has been found a press used in Roman times to set the folds in a toga.

A glass weaving factory abroad has developed a process for making wall-paper from glass.

Tourists can now fly from Berlin to Leningrad in 13 hours, a trip which requires 45 hours by train.

The Philadelphia College of Pharmacy and Science is to give a one-year course in scientific methods of crime detection, stressing chemical procedures.

Photographs show that the moon does not trace an even path across the sky, but instead its path is erratic and its speed is greater near the horizon.

A new light-weight, water-proof material with dull-surfaced softness of suede has been perfected.

The world's largest plow, weighing a ton and drawn by three heavy tractors, has been set to work in Orange County, California.

The Field Museum has received a collection of little-known insects that live in the Adang Valley of Upper Burma at elevations as high as 12,000 feet.

The idea of clean-up week is as old as ancient Rome, for the festival of Vesta in June was the occasion for cleaning homes and the goddess' temple.

The University of California museum has acquired a skeleton of an oreodont, a prehistoric relative of modern pigs, found in Nebraska embedded in solid rock.

A drinking fountain which spouts when the drinker merely bends over it has been installed in an office building of the General Electric Company, the secret of the "magic" being a photoelectric device operated by invisible infra-red light.

WITH THE SCIENCES THIS WEEK

Curiosity arousing questions for the teacher and general reader. Book references in italic type are not sources of information of the articles, but are references for further reading. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

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What is the length of the longest camera to be used for observing the Aug. 31 eclipse? p. 106

ASTRONOMY-RADIO

How long will the radio eclipse last? p. 95

BIOPHYSICS

Where are plants raised in copper cages under electric lights? p. 98—*The Green Leaf*—D. T. Macdougall—Appleton, 1930, \$2.

BOTANY

How old is saffron? p. 100

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How much acetic acid can be made from a cord of wood? p. 101

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How can you make insects leave a screened porch? p. 101

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In what peculiar way must Easter Island tablets be read? p. 97

GEOLOGY

How would a 200-foot dam be made to raise water 500-feet? p. 95—*The Grand Coulee*—J. Harlan Bretz—American Geographical Society, 1932, \$4.

MEDICINE

Why may a cancer cell be called sick? p. 107—*Cancer*—Willy Meyer—Hoeber, 1931, \$7.50

METEOROLOGY

Which three months of 1932 were abnormally warm over most of the country? p. 100

PHYSIOLOGY

Do dog's teeth decay? p. 96—*Your Teeth*—Charles I. Stoloff—Dutton, 1929, \$2.50

How does physical exercise affect brain? p. 100—*Brains of Rats and Men*—C. Judson Herrick—University of Chicago Press, 1926, \$3.

What is androtoxin? p. 100

PUBLIC HEALTH

Is it possible to immunize against tapeworm infestation? p. 97