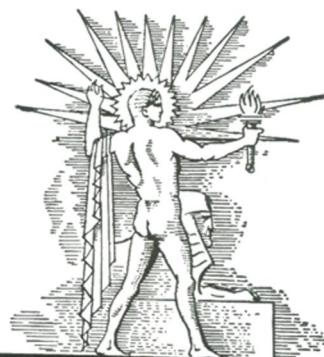
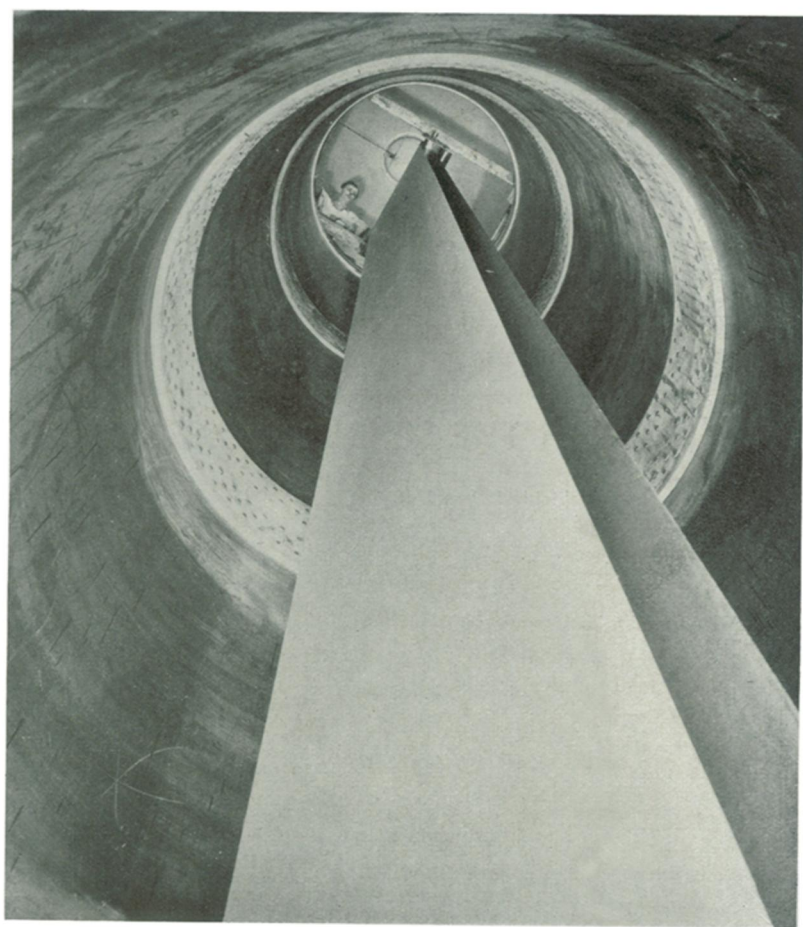


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



DECEMBER 2, 1933

Taking Electricity For a Ride

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SCIENCE SERVICE PUBLICATION

SCIENCE NEWS LETTER

VOL. XXIV

No. 660

The Weekly  Current
Summary of Science

Published by

SCIENCE SERVICE

The Institution for the Popularization of Science organized under the auspices of the National Academy of Sciences, the National Research Council and the American Association for the Advancement of Science.

Edited by WATSON DAVIS

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.

Canadian and foreign subscribers please add two dollars (\$2.00) per year to regular subscription rates to cover postage.

In requesting change of address, please give your old address as well as the new one in notification to Circulation Department, SCIENCE NEWS LETTER, 21st and Constitution Ave., Washington, D. C., at least two weeks before change is to become effective.

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Publication Office, 1930 Clifton Ave., Baltimore, Md., Editorial and Executive Office, Constitution Ave. at 21st St., N. W., Washington, D. C.

Address all communications to Washington, D. C. Cable address: Scienservc, 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 trade-mark, U. S. and Canadian Patent Offices.

DO YOU KNOW?

A rose so dark in color that in the sunlight it appears black has been produced in Germany.

Business men desiring comfortable offices are the biggest buyers of air conditioning equipment.

An ordinary potato without butter or cream represents about 100 calories, or about the same amount as a large banana.

Over 3,000 acres of forest have been willed to the University of Virginia and will be used for "practical demonstrations in the art of forestry."

In four months civilian conservation camps have advanced forest and watershed management in California as much as three years' work in average yearly progress.

The physician who accompanies the Byrd Antarctic expedition has a two-ounce bottle of a greenish-yellow substance representing enough Vitamin C for the party for two years.

One school in California's Imperial Valley is heated by water from a hot spring.

The Transparent Man exhibited at the Century of Progress was built almost entirely of plastic materials.

When armor was worn, an esquire would turn somersaults in complete mail except for the helmet, in order to accustom himself to its weight.

The Statue of Liberty in New York's harbor is almost fifty feet higher than the famous Colossus of Rhodes, one of the wonders of the ancient world.

The hay and pasture plant known as lespedeza got its name by mistake, when a French botanist in 1803 named it after the Governor of Florida, whose name was correctly spelled Cespedes.

A scientific test is being made in New Hampshire to see whether a feed ration chosen by a flock of chickens themselves will give better egg laying results than a ration chosen by poultry specialists.

WITH THE SCIENCES THIS WEEK

AERONAUTICS

What is the official altitude record of the Settle stratosphere flight? p. 359.

ANATOMY

How much is the eyeball off center? p. 360.

ANTHROPOLOGY

Who was the "last of the Mohicans?" p. 357.

ASTRONOMY

How long does it take the celestial sphere to slip around the ecliptic? p. 362.

ASTROPHYSICS

Which gas did the young earth lose first? p. 360.

BIOLOGY

What animal has a trunk that works when it is cut off? p. 361.

Is a rattlesnake poisonous to itself? p. 361. *Reptiles of the World*—Raymond L. Ditmars—Macmillan, 1923, \$5.

ELECTROCHEMISTRY

How may the freshness of fish be determined electrically? p. 361.

MEDICINE

Why is it desirable to grow smallpox virus on hen eggs? p. 356.

METEOROLOGY

What causes dust storms? p. 355.

OBSTETRICS

How many maternal deaths could be prevented? p. 360.

ORNITHOLOGY

Which are the most plastic of backboneed animals? p. 366.

PHYSICS

From which direction do most cosmic rays come? p. 356. *Matter and Radiation*—John Buckingham—Oxford, 1930, \$5.

How are the spheres of the Van de Graaff generator charged? p. 364. *Concerning the Nature of Things*—Sir William Bragg—Harper, 1925, \$3.

What National Academy prize was Dr. Bridgman given? p. 355.

PHYSIOLOGY

How may a capon be given female plumage? p. 360.

What is "cold sensitivity?" p. 366. *Allergy and Applied Immunology*—Warren T. Vaughan—Mosby, 1931, \$4.50.

Where have tumor-inhibiting substances been found? p. 361.

PSYCHOLOGY

Where is the "pre-motor area" of the brain? p. 360.

PUBLIC HEALTH

In what cosmetics are dangerous lead compounds sometimes found? p. 358.

SEISMOLOGY

What may have been the cause of the Baffin Bay earthquake? p. 359.

SOCIOLOGY

To whom should the intellectually trained jobless apply for work? p. 355.

STATISTICS

What is the safest part of the street to cross? p. 361.

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 are references for further reading. Books cited can be supplied by Book Dept., Science News Letter, at publishers'

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