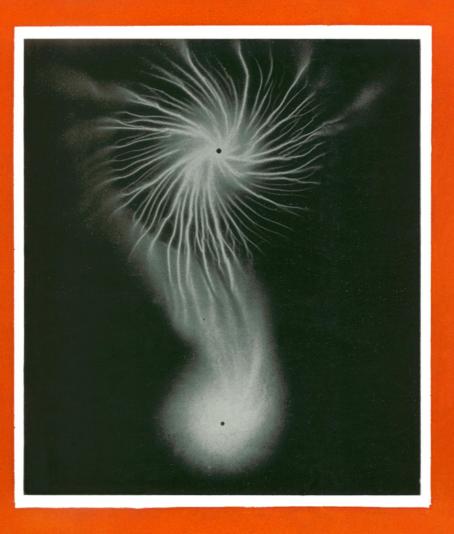
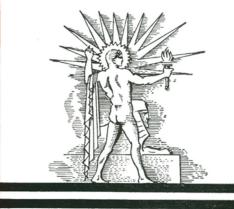
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •





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Fingerprints of Electricity

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DO YOU KNOW?

The first hybrid water lily was bred

Denmark's one colonial possession is Greenland.

Glass, although fragile, possesses greater compressive strength than gran-

The custom of using funeral wreaths of flowers is at least as old as Egypt of

Accidents, of one sort or another, injured one person out of every 14 in this country last year.

A good deal of arthritis found in horses is occasioned by working the animals before they are mature.

Daily weather records were kept in Europe as early as the middle of the seventeenth century.

The gases used in luminous colored signs are mainly neon for red, argon for blue, helium for yellow.

The United States uses more than 30,000,000,000 tin cans each year, and has no tin deposits of real consequence.

In the Athenian market place, archaeologists have unearthed verses inscribed on a stone in memory of the battle of Marathon.

The leaves of rhubarb contain a considerable amount of oxalic acid and should not be eaten: only the stalks should be used as food.

Keeping muskrats is absolutely prohibited by a new order in Great Britain.

Early childhood is the worst time to have measles—not the most favorable time, as many mothers still believe.

Experiments show that ultraviolet rays and radio vibrations may affect properties of chemicals and drugs.

Directly photographing the interior of the stomach is made possible by apparatus devised in a Belgian laboratory.

German physicians recently reported that heart disease is responsible for more than one-third of the deaths of locomotive engineers.

The government is making final tests of a new variety of potato, the Chippewa, for use in northern states from Michigan to North Dakota.

Modern flood lighting has even reached Indo-China, where the great Buddhist shrine, the Shwe Dagon Pagoda at Rangoon, now shines dazzlingly at night.

The U. S. Forest Service planted seed from young Douglas fir trees and seed from old trees and found that age of the tree supplying seed did not affect growth or development of seedlings.

Ceres wheat, an improved variety developed by the North Dakota Agricultural College, enabled farmers of the state to harvest over two million dollars more wheat in 1932 than they would have gathered from Marquis wheat.

WITH THE SCIENCES THIS WEEK

ARCHAEOLOGY

What 3,000 piece puzzle did archaeologists piece together? p. 245. The Temple of the Warriors—Earl H. Morris—Scribner's, 1931, \$5.

What happens to piperidine vanadate when it is put in the light? p. 244.

ENGINEERING
Do federal regulations permit the broadcasting of all sound frequencies? p. 243.
What is a Lichtenberg figure? p. 248.

GEOGRAPHY
Is Canada larger than the United States? p. 243.

MEDICINE How does acalculia affect its victims? p. 244.

METEOROLOGY

How will the Mt. Wachusetts Weather Station be operated? p. 248.

NEUROLOGY

Where are nervous goats found? p. 246.

PHYSIOLOGY

Why might diabetic women need a slightly different diet from diabetic men? p. 248.

How many completely color-blind persons have been found in America? p. 244.

TOXICOLOGY

What do chemists mean by the mass law? p.

These curiosity-arousing questions show at a 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 of the article, but are references for further reading. Books cited can be supplied by Book Dept., Science News Letter, at publishers' prices, prepaid in U. S.

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Eric T. Bell's newly-published and delightfully humorous treatise on a subject that has many devotees, even among men of science, the author says. You shouldn't miss this. Sound sense flavored with laughter. \$2.00.

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Our Mineral Civilization, Thomas T. Read
Chemistry Triumphant, William J. Hale
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The Story of A Billion Years, WILLIAM OTIS HOTCHKISS Flying, MAJ.-GENERAL JAMES E. FECHET
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