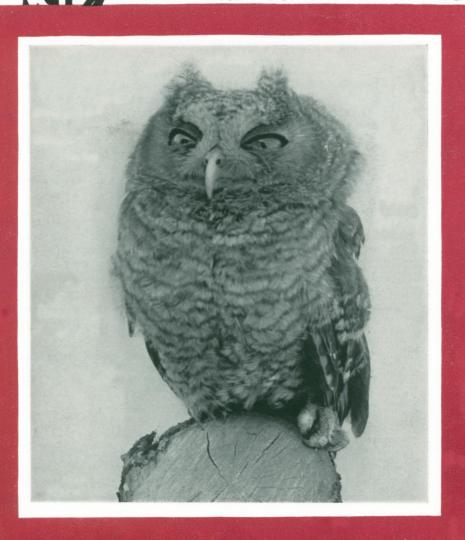
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





OCTOBER 29, 1932



Hallowe'en Bird a Good Mousetrap

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DO YOU KNOW THAT

Malaria takes 2,000,000 lives throughout the world each year.

Chemists have not yet succeeded in Science producing morphine synthetically.

> National forests have been named in honor of Washington, Lincoln, Roosevelt, and Cleveland.

> Practically all of Louisiana's area of 28,000,000 acres of land and water is potential territory for oil and gas.

> Transparent steel, made of sheets thinner than paper, is proving useful in the manufacture of scientific instru-

> Geraniums grown experimentally in Florida were found to yield oils as fragrant for perfume purposes as those produced abroad.

> Spiders do not seem to "know enough" to repair their broken webs, it appears from studies made by a British scientist.

> Approximately 48,830,000 men and women, or almost exactly one-half of the population of the country ten years of age and over, are gainfully employed in normal times.

A new speed fuel for outboard motors is being produced.

Canaries and parrots are the only birds that may be kept in confinement in Missouri without a permit.

Although the world produces hundreads of varieties of bananas, only three kinds reach the American market in any quantity.

The native population of Australia has dwindled from about 300,000 in 1788 to 62,000 in 1930, or 80,000 if half-castes are included.

A solar observatory is to be set upon the top of Mt. St. Katherine in the Sinai Desert, possibly the mountain associated with the Ten Commandments.

London motorists are being offered gasoline in the form of bricks of solid petrol, which give off gas for running the engine without ever passing into a liquid state.

Experimental plantings of foreign and native grass seeds are being made by government scientists at five points in northern states, with a view to improving the hay and pasture crops of this section.

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 article, 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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CHEMISTRY

How much will the feeding of yeast to cows increase the vitamin D content of their milk? p. 276.

What is the size of the new Swiss lake? p.

GEOGRAPHY-SOCIOLOGY Where is Republicanism ingrained in the South? p. 272 Heredity and Human Affairs— Edward M. East—Scribners, 1927, \$3.50.

GEOLOGY Will the newly found fuel deposits in Germany be useful soon? p. 277.

LIBRARY SCIENCE
What do German scientists do with unpublished manuscripts? p. 276.

MARINE BIOLOGY
How do oysters mate? p. 277.

How may backache be treated best? p. 281. Fundamentals of Health—T. Bruce Kirkpatrick and Alfred F. Huettner—Ginn, 1931, \$3.80.

METEOROLOGY

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Why do cancer patients welcome Dihydromorphinone hydrochloride? p. 276.

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At what speed do nerve impulses travel? p. 271. What develops queen bees out of ordinary young? p. 276.

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Will amber beads prevent goiter? p. 275. The Jungle of the Mind-Edgar J. Swift-Scribners, 1931, \$2.50.

PUBLIC HEALTH

How will the effect of the depression on health be felt in the future? p. 276.

What are hemolytic streptococci? p. 273. The Common Head Cold and its Complications—Walter A. Wells—Macmillan. 1929, \$2.75.

What good was "Typhoid Mary" inadvertently the cause of? p. 273.

STATISTICS-PUBLIC HEALTH

How much higher is the death rate from cancer of the mouth among industrial classes than among men in better circumstances? p. 272.