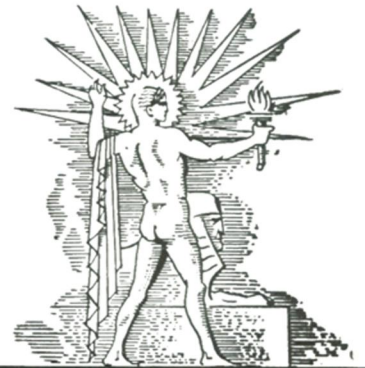


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Evangeline the Vamp

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DO YOU KNOW?

Chewing gum made by a new formula has a rubber composition base mixed with fat or wax.

Experiments indicate that some varieties of apple contain more vitamin C than others.

A new wood pulp material has properties similar to celluloid and is being used in manufacture of toys.

The National Collection of Heads and Horns in the New York Zoological Park has been called the most complete collection of wild game trophies in the world.

The highest weather station ever maintained was on the top of El Misti, a Peruvian volcanic mountain 19,200 feet above sea level.

Experiments show that high quality garden peas are better for commercial freezing than the varieties of peas ordinarily grown for canning.

Poultry specialists find that a spray containing chlorine gas is an effective method of fighting bronchitis, colds and other respiratory diseases in poultry.

Cornell University has received a table 15 feet long made of woods contributed by twenty countries.

The Gothic style of architecture may be traced to Persian origins, it appears from recent studies of Persian buildings.

In the United States, 21,000,000 acres of land have gone out of cultivation because of erosion, an area exceeding the total arable land in Japan proper.

There are about 33 million more acres of forest land in the United States now than there were in 1920, largely because much farm land has reverted to forest.

Concentrated milk, which can be kept frozen for a week or more and then thawed out and diluted for serving, is a valuable aid on ships where fresh milk is hard to keep.

Workmen excavating for a building in London have found a stone altar used by a family worshipping Roman gods in Britain in the first or second century A.D.

WITH THE SCIENCES THIS WEEK

ANTHROPOLOGY

Were there any Swedes in Washington's America? p. 100.

ARCHAEOLOGY

Where have tablets mentioning the names of Adam and Eve been found? p. 105.
Whose calendar did the people of Hualmelupan use? p. 99.

ASTRONOMY

Could Saturn have an atmosphere like the earth's? p. 99. *Flights from Chaos—Harlow Shapley—McGraw-Hill, 1930, \$2.50.*
What makes sunspots magnetic? p. 100.

CHEMISTRY

From what raw material is iodine made in California? p. 105.
How much is silk "weighted"? p. 104.

ENTOMOLOGY

Where do flies come from in the spring? p. 111.

ENTOMOLOGY-PLANT PATHOLOGY

Are airplanes dangerous to our crops? p. 104. *The Scientific Principles of Plant Protection—Hubert Martin—Longmans, Green, 1928, \$8.40.*

MEDICINE

For what form of cancer has a poison become a successful treatment? p. 108. *Cancer, What Everyone Should Know About it—James A. Tobey—Knopf, 1932, \$3.*
Is heredity important in the development of cancer? p. 105.

MEDICINE-CHEMISTRY

Is lack of liver the only cause of pernicious anemia? p. 101.

ORNITHOLOGY

How many states grant the bald eagle legal immunity? p. 105.

PALEONTOLOGY

What is a trilobite? p. 108.

PHYSICS

Can an X-ray tube be made of anything but glass? p. 104. *Recent Advances in Atomic Physics—Gaetano Castellfranchi—Blakiston, 1932, 2 vol., \$8.*
How warm are things in interstellar space? p. 101.
Where is the most interesting show in New York? p. 104.

PHYSIOLOGY

Why is wet weather bad for rheumatism? p. 100.

PUBLIC HEALTH-ELECTRICITY

How does the electric eye help keep our water clean? p. 104.

SEISMOLOGY

From what part of the world do disastrous earthquakes report themselves weeks ahead of the telegraph? p. 109.

ZOOLOGY

How does a vampire bat bite? p. 102.

These curiosity-arousing questions will be especially valuable to the teacher. 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 publishers' prices, prepaid in U. S.