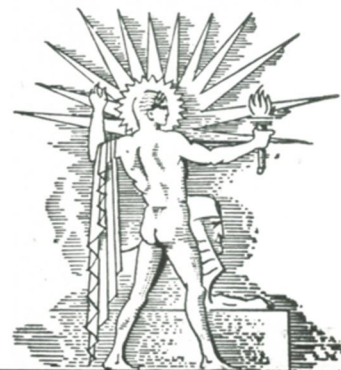
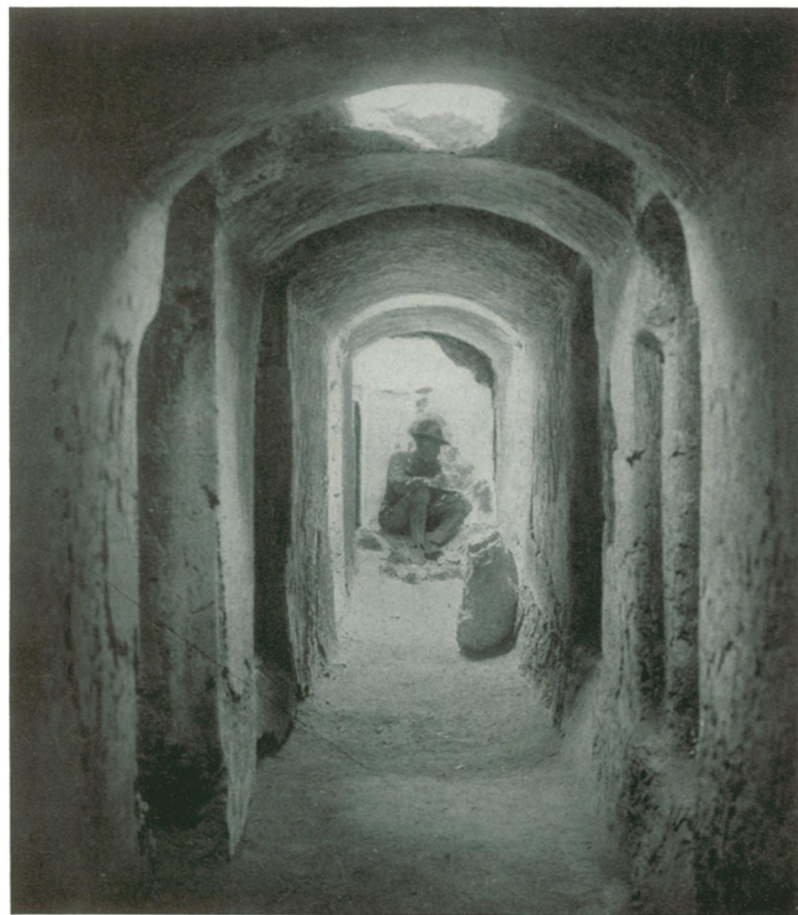


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JANUARY 21, 1933

Where the Seven Sleepers Slept

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DO YOU KNOW THAT

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About three-fourths of the food consumed in the United States is perishable.

A new idea for campers is a method of lighting fires with a form of crude rubber.

A bank check written in the raised Braille type used by the blind was recently presented and cashed at a New York bank.

Psychologists report that boy babies and girl babies cry about equally easily, and that the age of least crying is about four months.

Heliogabalus, Roman Emperor of the third century A.D., was roundly denounced for his extravagance in buying a whole garment of silk.

It is said that in the year 1249 fruit trees were forced and for the first time made to mature fruit in midwinter, in the Netherlands.

Bodies of ten black and brown horses, each killed by a blow on the head, were found in the grave of a Scythian king of about 1000 B.C., in the Altai Mountains.

Rubber goods can be easily cut with a knife if the blade is wet; for better qualities of rubber, soapy water may be necessary.

In experimental work, apple trees planted 40 feet apart yielded 43 bushels more fruit to the acre than trees planted 30 feet apart.

A Japanese geographer states that Japan may have reached the peak of her population increase, as the rate of increase has declined since 1927.

To find out how high and how far plant disease spores travel in the air, a government plant pathologist has been gathering spores from an altitude of 18,000 feet.

Pictures of Mayan gods, some older than 600 A.D., some made in the fifteenth century, show how very little the art and religion of these Indians changed in a thousand years.

A new drought-resistant and hardy strain of Korean lespedeza has been introduced from Manchuria, and seems likely to fill an important gap in New England and other northern pastures.

WITH THE SCIENCES THIS WEEK

ANTHROPOLOGY

What is producing dental degeneration? p. 36.

ARCHAEOLOGY

How long does legend say the seven sleepers slept? p. 41.

AVIATION

How would an airplane aerial be suspended to avoid ignition interference? p. 40.

AVIATION-PHOTOGRAPHY

Who will teach aerial photography at Harvard? p. 35.

BIOLOGY

Why do scientists study Daphnia? p. 38.

CHEMISTRY

Who won the Chandler medal for 1933? p. 46.

ENGINEERING

What is the most common fault of automobiles? p. 41.

ENTOMOLOGY

Do full-grown moths eat cloths? p. 46.
Why were grasshoppers kept down last spring? p. 40. *The insect menace*—L. O. Howard—Century, 1931, \$3.50.

EXPLORATION

Name the vessel that made the first one-season voyage from Archangel to Japan. p. 37.

GEOGRAPHY

Where is "Vulcan's Throne"? p. 41.

GEOPHYSICS

How is a possible gold deposit located by electricity? p. 41.

MEDICINE

How may iron stored in the liver be made available for body needs? p. 36.

PHOTOGRAPHY

How long an exposure must be made to take a picture with hot flat-irons? p. 35.

PHYSICS

How did Joule heat water to determine the mechanical equivalent of heat? p. 42.

How may cosmic rays produce X-rays? p. 37.

What is happening to the back of one's head in the physicist's expanding universe? p. 37.

What is the latest atom to be smashed at Cavendish Laboratory? p. 37.

What part of total existing energy is cosmic radiation thought to be? p. 37.

PHYSIOLOGY

How does a severed nerve grow together? p. 43.

What glandular secretions may be useful in treating surgical shock? p. 36. *Glands in health and disease*—Benjamin Harrow—Dutton, 1922, \$2.50.

What is one keto, one, two, three, four tetrahydro phenanthrene? p. 43.

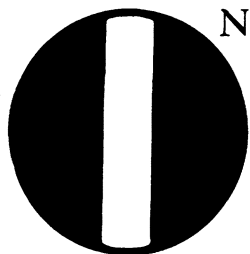
PUBLIC HEALTH

What was the maximum death-rate for the influenza epidemic? p. 40.

RADIO

What continent could talk with nearly all the rest of the world during business hours? p. 35. *Beginnings of telephony*—F. L. Rhodes—Harper's, 1929, \$4.

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.



IN THE opposite page, Science News Letter (laying aside its usual scientific dignity) shouts aloud its **LOW PRICE BARGAIN OFFER TO SCHOOLS.**

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Every issue of Science News Letter contains a group of curiosity-arousing questions, logically classified, with page references to articles and science items in that issue; and book references for further reading.

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watches and reports on for
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ENTOMOLOGY
ENGINEERING
NUTRITION
OPTICS
PHOTOGRAPHY
ORNITHOLOGY
ZOOLOGY
CHEMISTRY
ICHTHYOLOGY
GEOGRAPHY
INVENTION
HORTICULTURE
FORESTRY
SOCIOLOGY
VOLCANOLOGY
RADIOLOGY
RADIO
GENETICS
HEREDITY
MINING
PALEONTOLOGY
PATHOLOGY
MATHEMATICS
METALLURGY
EXPLORATION
ANTHROPOLOGY
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ASTRONOMY
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EDUCATION

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