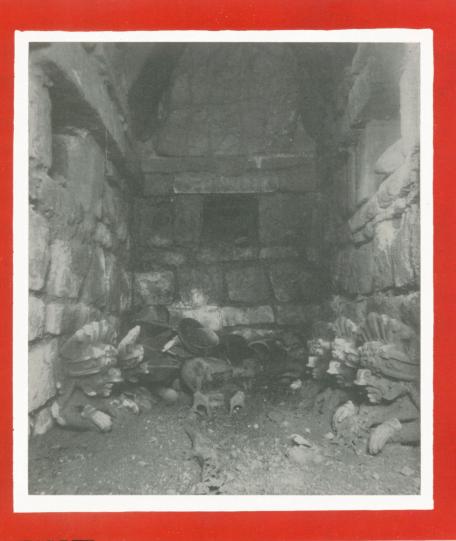
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





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DO YOU KNOW?

It is estimated that there are 2,300,-000 stones in the Great Pyramid.

Dried apples made by a new process are comparable in flavor to fresh apples.

Indian farmers grew all three kinds of summer squashes—the crooknecks, scallops, and vegetable marrows.

How plants obtain their vitamins is being studied with hundreds of generations of duckweed, at Iowa State College.

When the most recent ice age was at its height there were 12,000,000 square miles of ice on earth; now there are only 6,000,000, most of that in the Antarctic.

Forsythia flowers are comparatively new in western lands, having been brought from Japan to Holland first about a century ago.

A new kind of maple sugar block is said not to become hard or mottled.

A new machine removes the bark neatly from such hardwoods as beech and maple.

Experimental efforts to raise silkworms in French Africa are reported to be making satisfactory progress.

The earth's core is 1,800 miles below the surface, is the estimate on the basis of earthquake wave travel time

A new steel welding process is said to produce steel pipe that is stronger and more lasting than that produced by present equipment.

A physical and chemical laboratory recently constructed in England is made of reinforced concrete, even to the cupboards and desks.

WITH THE SCIENCES THIS WEEK

AGRICULTURE

How do animals get selenium poisoning? p.

ANTHROPOLOGY

Where is the orang-utan's "cowlick"? p. 363.

ARCHAEOLOGY

Did Mayan engineers know the principle of the true arch? p. 365.

How does the Government plan to aid research? p. 361.

What Mexican god was a water carrier? p.

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What would enable city dwellers to enjoy the stars? p. 366.

AVIATION-METEOROLOGY

How much flying time can be saved by choosing the best flight path? p. 362.

ENGINEERING

For what purpose are heat and extreme cold both used? p. 360.

ENTOMOLOGY

What is the longest lived of insects? p. 359. Fundamentals of Insect Life—C. L. Metcalf and W. P. Flint—McGraw-Hill, 1932, \$4.

Does a depression lower the marriage rate of college women? p. 360.

GENERAL SCIENCE

What do scientists hope for from an applied science of psychology? p. 356. Science and Human Life-J. B. S. Haldane-Harper, 1933, \$2.50.

MEDICINE How can kidney secretion retard cancer in animals? p. 363.

How is the disease "brain stones" diagnosed? p. 361.

What is atabrine? p. 360.

MEDICINE—PSYCHIATRY Can fright cause nausea? p. 360. NATIONAL PARKS

What strange Indian tribe lives near America's newest national park? p. 365. Book of the National Parks—R. S. Yard—Scribner's, 1928, \$3.

Who first suggested the use of pressure tube anemometers? p. 359.
Why is the study of sound important to those determining the wavelengths of radio stations? p. 360. The Science of Musical Sounds—D. C. Miller—Macmillan, 1926, \$2.50.

Physiology
What is the best temperature for the serving of beer? p. 362.

PSYCHIATRY
What fault is more common among children of large families? p. 361.
What should you do when you have a serious worry? p. 364. Bodily Changes in Pain, Hunger, Fear and Rage—W. B. Cannon—Appleton, 1929, \$3.
When should ogre stories not be told? p. 367

367. Why do men shave? p. 364.

PSYCHIATRY—PHYSIOLOGY

What are the symptoms of oxygen lack? p.

PSYCHOLOGY
How do Orientals picture receding parallel lines? p. 355.
What causes a dream of danger to life? p.

361. What condition makes the moron unstable?

RADIO
What causes high power stations on different wavelengths to interfere? p. 363.

ZOOLOGY—MEDICINE Do cats like cream? p. 359.

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 the references for further reading. Books cited can be supplied at Book Department, Science News Letter, at publishers' prices, postpaid in the United States.