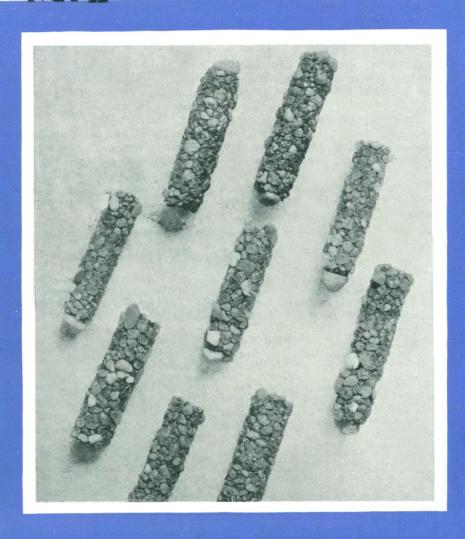
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





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Mosaic Jewelry By Insects

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DO YOU KNOW THAT

A tame beaver will respond to its

Water of the Pacific Ocean contains less oxygen than water of the Atlantic.

As a South African buffalo grows older its horns become shorter and thicker.

Rural highways in this country increased in mileage 41 per cent. from 1904 to 1929.

Rice was brought to this country by a sea captain, returning from a voyage to Madagascar, in 1694.

Measuring thunderbolts, a scientist reported that an average lightning flash has a force of about 100,000,000 volts.

For four years, Bureau of Standards scientists have been testing different kinds of slate, and great differences in weather resistance have been found.

The ocean contains enough salts to cover the United States with a layer more than a mile and a half deep.

With the exception of the gorilla, all the apes are tree dwellers.

The giant cactus begins to bear fruit when about fifty years old and is not full grown until it reaches the century mark.

A cookbook published by the U. S. Department of Agriculture has been reproduced in the raised Braille type for the blind.

A survey of 1,882 dairy farms in New Hampshire, Connecticut, New Jersey, and Pennsylvania showed that 35 per cent. had milking machines.

In Soviet Russia, where medicine is a state function, the government is spending \$987,000,000 on health work, an increase of 46 per cent. over last year.

For more than 3,000 years Arabs have bred their high-grade Arab steeds without thought for consanguinity, which to some zoologists indicates that the evils of inbreeding lie in transmission of disease and feeble blood rather than in the inbreeding itself.

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 articles, but are references for further reading. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

ANTHROPOLOGY

What animal did the new-found race in Africa use largely for food? p. 147
What does a drum with a bell inside it mean to the Indian drum cult? p. 151

Archaeology

ARCHAEOLOGY
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How have scientists learned from pot blacked
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Where is El Castillo? p. 143. Ancient Cities
and Modern Tribes—Thomas Gann—Scribner's,
1926, \$5.

ASTRONOMY
On what subject will a prominent British astronomer lecture over a radio network in the United States? p. 149. The Nature of the Physical World—A. S. Eddington—Macmillan, 1929, \$3.75.
What is the most conspicuous constellation? p. 150

BIOPHYSICS

Do seed coats protect their living contents against harmful ultraviolet radiation? p. 148

How may ethylmercury chloride benefit farmers? p. 147 CHEMISTRY-AGRICULTURE

ECONOMICS
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How may electricity be made to flow for hours in a ring of lead? p. 143

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How would engineers help reduce the cost of making talking movies? p. 145

To accomplish what purpose has a scientist suggested that the size of an individual inheritance be limited by law? p. 144

Where is tree breeding being practised? p. 152. Forests and Mankind—Charles Lathrop Pack and Tom Gill—Macmillan, 1929, \$3.

How may X-ray bombardment change fruit flies? p. 143

How may fatherless grasshoppers come into the earth? p. 149

What does the radish-cabbage hybrid look like? p. 146

MEDICINE

How often should carbon dioxide be inhaled to relieve whooping cough? p. 152

NUMISMATICS-MATHEMATICS

Why does the new quarter contain a picture of the large eagle? p. 146

PHYSIOLOGY

Has lactic acid anything to do with the hang-over after an alcoholic debauch? p. 147

What does leprosy mean to most Hawaiian families? p. 153

What new method of travel increases danger of the spread of yellow fever? p. 144. Riders of the Plagues—James A. Tobey—Scribner's, 1930, \$3.50.