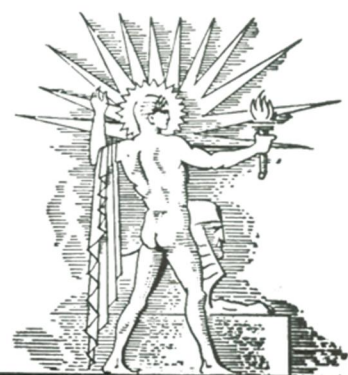


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



FEBRUARY 4, 1933

On a Palace Stair

See Page 68

A SCIENCE SERVICE PUBLICATION

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## DO YOU KNOW?

Doctors find some evidence that cataract may be inherited.

British aviators have succeeded in flying over Mount Rakaposhi in the Himalayas, a peak 25,550 feet high.

Europe's largest automobile plant is a new Russian venture, near the town of Maxim Gorki, on the Oka River.

Since cranberries can be raised in both Nova Scotia and New Brunswick, Canada is setting out to raise the supply of cranberries formerly imported from the United States.

A professor at the Hebrew University in Jerusalem has made the first translation of Aristotle's "Metaphysics" from Greek into Hebrew.

Egyptians of 4,000 years ago were, so far as is known, the first people to transplant trees with a ball of earth, sometimes carrying them 1,500 miles by boat.

Lake Ohred in central Europe is an old, isolated body of water which has sheltered and kept in existence many forms of animal life that have long been extinct in other waters of Europe.

Pharmacists' records show that the first store dealing exclusively in drugs was opened in Wetzlar, Germany, in 1233.

America's exports in 1932 provided at least 2,000,000 American workers with employment, says a Department of Commerce statement.

Hunters have killed off so many of the picturesque spoonbills of Florida, for both food and feathers, that less than 1,000 of these birds are left there.

A new electric iron is fitted with an indicator which shows the temperature of the iron and indicates the proper heat for ironing different materials.

"Dogs of war" were no mere figure of speech in ancient time, for the Assyrians and other nations used dogs in the fighting, and often dog fought against dog when armies met.

As evidence that Vancouver Island was cut off from Canada a very long time ago, scientists point out that 15 of the 17 land mammals there are distinct species or sub-species not occurring elsewhere.

## WITH THE SCIENCES THIS WEEK

### ARCHAEOLOGY

In what ancient piece of sculpture are chariot nails shown? p. 68.

### ASTRONOMY

What causes the dark spots in the nebulae? p. 74.

What is a conjunction? p. 70.

### BOTANY

Does "hybrid vigor" have uniform effects? p. 73.

*The Mechanism of Creative Evolution*—C. C. Hurst—Macmillan, 1932, \$6.

### DENDROLOGY

What tree may be called a leafless evergreen? p. 79.

### ENGINEERING

What is the highest steam pressure at which big power plants operate? p. 73.

What per cent. of the area occupied by an automobile carries load? p. 68.

### ENGINEERING-ECONOMICS

What three engineers would rule the technological state? p. 78—*Life in a Technocracy, What it Might Be Like*—Harold Loeb—Viking Press, 1933, \$1.75.

### ENTOMOLOGY

Do mosquitoes kill livestock? p. 73.

### GENERAL SCIENCE

What types of research were given increased funds in 1931? p. 76.

### GEOLOGY

How far is permanent water below the bottom of Arizona meteor crater? p. 73. *Meteors*—Charles P. Olivier—Williams and Wilkins, 1925, \$6.

Where is the Grand Coulee? p. 67.—*Photographic Amusements Including Tricks and Unusual or Novel Effects Obtainable With the Camera*—F. R. Fraprie and W. E. Woodbury—Amer. Photographic Pub. Co., 1931, \$3.

### MEDICINE

How has *Myasthenia gravis* been conquered? p. 67.

What is Oroya fever? p. 72.

### METEOROLOGY-RADIO

What British radio stations locate thunderstorms? p. 71.

### PHYSICS

Do all beta rays have the same energy? p. 73.

What is the electrical charge on a fundamental particle of matter? p. 72.

What is the least potential needed to break down atoms? p. 72.

### POPULATION

What is the population of China? p. 69.

### PSYCHOLOGY

Which sex compares columns of figures more rapidly? p. 76.

### PUBLIC HEALTH

How much would Medical Guild care cost? p. 72.

*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.*

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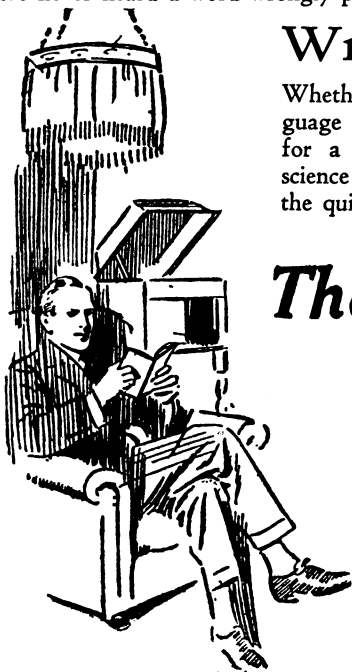
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