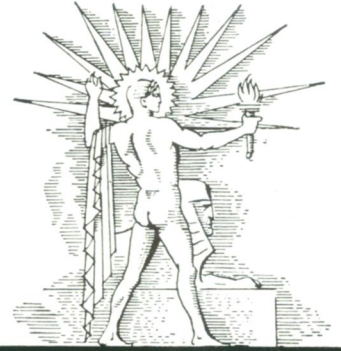
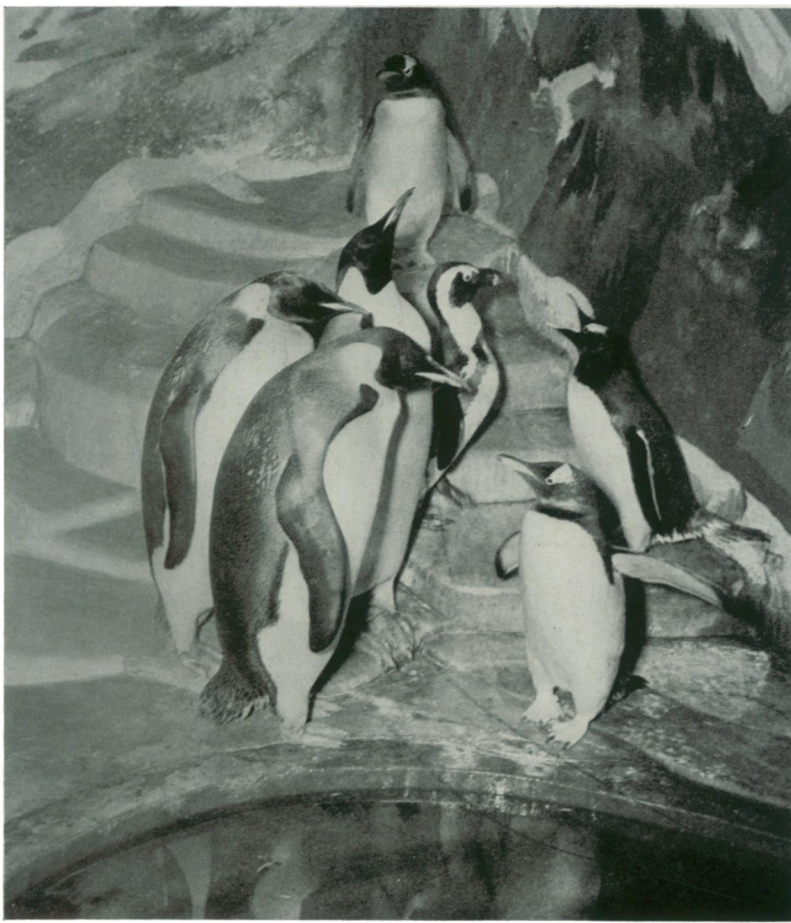


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



May 17, 1941

Newcomers

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A S C I E N C E S E R V I C E P U B L I C A T I O N

Do You Know?

The Chinese have used *revolving book-cases* since the ninth century.

One-fourth of all the maple syrup produced goes into flavoring *tobacco*.

Largest *gorilla* in captivity is Mbongo, a 617 pound ape in the San Diego zoo.

About two-thirds of the *fats* and oils used in the United States are used as food.

It takes at least five tons of high grade alloy steels to build a big transport *plane* or heavy bomber.

Arabs in the Middle Ages explained *tides* by saying that the moon heated the ocean, causing the water to swell and rise.

The United States' yearly needs of *rubber* have increased from one pound to 10.5 pounds per person in the past 30 years.

Most profusely blooming *flower* of the field in Biblical Palestine, says a botanist, was probably the poppy anemone, scarlet, blue, gold, and white.

A species of *turkey* that existed in Mexico 50,000 years ago recently was detected by finding foot and leg bones of the unknown bird.

Deodorizing the lion house has been achieved at the New York Zoo by chemicals which evaporate, giving out a fragrance which masks the animal odors.

QUESTIONS DISCUSSED IN THIS ISSUE

Most articles which appear in SCIENCE NEWS LETTER are based on communications to Science Service, or on papers before meetings. Where published sources are used they are referred to in the article.

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ARCHAEOLOGY

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ASTRONOMY-RADIO

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BIOPHYSICS

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BOTANY

What is "Tea-Thyme Tea"? p. 313.

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How can charred documents be made readable by chemical treatment? p. 308.

How can plastics be used to make salt water fresh? p. 311.

MEDICINE

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What should patients eat when they are taking sulfanilamide? p. 312.

PHYSICS

How can you "hear" Valkyries riding right over your head? p. 314.

Why is it that the gold made with the atom-smasher can't be hoarded? p. 317.

PHYSIOLOGY

What determines the direction in which a cancer spreads? p. 309.

PSYCHIATRY

What new use has been found for the "frozen sleep" treatment? p. 308.

PSYCHOLOGY

How is it likely that the Army may use ink blots in selecting personnel? p. 318.

How should psychology students prepare to be of service to the nation? p. 318.

What has electricity to do with the way you see? p. 317.

PSYCHOLOGY-PHYSIOLOGY

What happens when you inhale the fumes of toluene? p. 307.

Some highly prized *garden plants* of Europe, such as devil's paintbrush, have run wild in America, ruining thousands of acres of land.

More than 2,000,000 foreigners are now reported to be *employed* in German agriculture, mining, and industry, says the U. S. Department of Commerce.

Chicks that scratch for a living with a mother hen get tired and rest often, but brooder chicks that have feed furnished are apt to stray at night and otherwise get into mischief.

Making *plastics* from coffee beans, Brazil plans also to recover coffee oil useful in soaps, medicines, shoe polish and other products.

In the U. S. Army *Air Corps*, a squadron corresponds to a ground force battalion, a group to a regiment, and a wing to an Army brigade.

Valuable prehistoric *pottery* from Indian cliff dwellings in Mesa Verde, Colorado, which has been in a Finnish museum for 50 years, has thus far escaped war damage, according to recent reports.

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