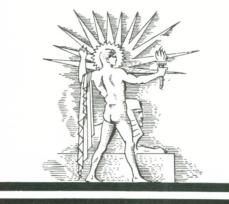
SCIENCE NEWS LETTER







June 29, 1940



Industrial Fireworks

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A SCIENCE SERVICE PUBLICATION

Do You Know?

Substitutes for the rubber and rosin in adhesive plaster are the goal of a laboratory investigation.

Says the Department of Agriculture: In the few areas where *beavers* are plentiful, erosion is usually under control.

Philadelphia's Franklin Institute is exhibiting a key found in the ruins of Herculaneum, Roman city destroyed in 79 A.D.

Spaniards in the New World settled as far north as British Columbia and even touched Alaska, is the report from recent investigations.

Making a *pendulum* out of a turnip and a piece of thread is a sample of the ingenuity that China's refugee school teachers practise.

Indians who made rubber balls called the source of the material caoutchouc (pronounced koo-chook) meaning the crying tree, because they thought the tree cried when cut.

Pronounced by an anthropologist a sculptor of *natural genius*, a woman of Pitta-Pitta tribe in Australia produces human figures in clay in a style recalling the art of ancient Egypt and Sumeria.

Britons are told how to recognize enemy *parachutists*: a British pilot descending to save himself is generally alone and his machine burning, whereas airplanes dropping troops move at low heights, usually preceded by reconnaissance planes and parachutes descend in groups of 10 to 40.

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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What new treatment is prolonging the lives of leukemia patients, p. 411.

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PHYSICS

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How can the northern lights be reproduced in the laboratory? p. 406.

How many cyclotrons has America? p. 411. What is the length of life of a mesotron? p. 408.

PHYSIOLOGY

What is the advantage of chewing while talking? p. 404.

PSYCHOLOGY

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PUBLIC HEALTH

Why would a public health program save money for America? p. 409.

Starting July 1, Japan will issue *ration* tickets for sugar and matches.

Two gold coins of Alexander the Great were among 1,167 coins in a hoard found in India, apparently hidden about 317 B.C.

When hunted, *mourning doves* fly with amazing speed, but when migrating these birds do not travel faster than 35 miles an hour.

Visitors to Vicksburg National Military Park in Mississippi can see how some features of modern *warfare* were evolving in Civil War days.

Bolivia is stepping up oil production and enlarging oil refineries.

The earliest *marine mine* is believed to have been an "explosion ship" with which the Dutch destroyed a boat bridge in 1585.

The *Ivory gull*, an Arctic bird very rarely seen in New England, has recently been observed at Acadia National Park in Maine.

A nation-wide census of engineers and architects for *national* defense purposes is being made by professional organizations in the United States.

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