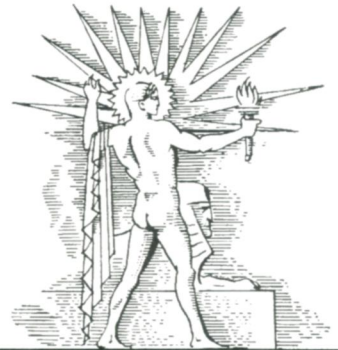


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



June 1, 1940

## Friendly Enemies

See Page 344

A SCIENCE SERVICE PUBLICATION

## Do You Know?

*Icebergs* sometimes explode as the result of internal strains.

There are 11,000,000 natives in the Belgian *Congo*, and 25,000 Europeans.

In 1840, this country had its first *dental* college, its first dental journal, and first dental society.

There are at least two *eclipses* of the sun each year, but in some years there is no eclipse of the moon.

The University of Berlin is reported to be starting a department for study of *Russian* geography, ethnology, and economics.

*Threads* with special uses in surgery include those of silver, stainless steel, aluminum bronze, linen, silk, and kangaroo-tail fibers.

An early type of *machine gun* used in the Civil War consisted of a number of 50-caliber musket barrels mounted in a cylindrical casing.

*Dogs* at the Allied front are trained to carry pigeons to outposts, to take messages when pigeons cannot be used, and to hunt for wounded.

For more than 600 years, more than half the people of Rome were on some kind of *dole*, says Dr. A. P. McKinley of the University of California.

Hoping to induce Americans to eat more *fruit* candies, a University of California laboratory has evolved formulas for inexpensive sweets containing fruits.

## 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.

### AERONAUTICS

What would the President's 50,000 airplanes cost? p. 342.

### ASTRONOMY

What planet was once called Phosphorus? p. 346.

### BIOLOGY

How can scientists watch the development of an unhatched chick? p. 341.

### ENGINEERING

What is the life of a telephone vacuum tube? p. 347.

### GENERAL SCIENCE

What expression has a group of scientists made concerning war? p. 339.

### MEDICINE

How can physicians tell hay fever from a bad cold? p. 344.

How can the hitherto hopeless Parkinson's disease be relieved? p. 340.

What evidence is there that diseases in the cancer group can be caused by virus? p. 345.

What protection against germs may soldiers carry into battle? p. 341.

### MILITARY SCIENCE

What sort of armor has been proposed for the British soldier? p. 344.

Why have the Germans done no long-distance airplane bombing? p. 350.

### PHYSIOLOGY

What ill effect may come from too much vitamin A? p. 344.

### PSYCHIATRY

How do physicians know that epilepsy does not cause brain deterioration? p. 339.

How does the Navy plan to employ psychiatrists? p. 340.

What can you take for "war nerves"? p. 348.

What substance caused a dramatic cure of mental disease within fifteen minutes? p. 348.

### PSYCHOLOGY

How can a psychological test distinguish between mental disease and the confusion caused by worry or fright? p. 345.

What are the chances for a mature man who falls victim of the drug habit? p. 345.

### RESOURCES

How much tin does Uncle Sam have in reserve? p. 343.

### SEISMOLOGY

How serious was the Imperial Valley Earthquake? p. 341.

### SOCIOLOGY

How many people are fleeing from their homes as refugees and evacuees? p. 349.

An Indian woman has been elected to the *tribal council* of the Bannock Indian tribe, in Idaho.

*Carrots* can be scraped with less waste since streamlined varieties have become popular, home economists say.

A new apparatus is being devised by government scientists to measure the luster in *fers*—important in determining value of pelts.

The German government has requisitioned *church bells* for the metal they contain.

There are more than 10,000 *airplanes* in civil use in the United States, serving 70 kinds of business organizations.

*Antarctic birds* and plants will be studied by three men of the Byrd Antarctic Expedition assigned to an outpost in Rockefeller Mountains.

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