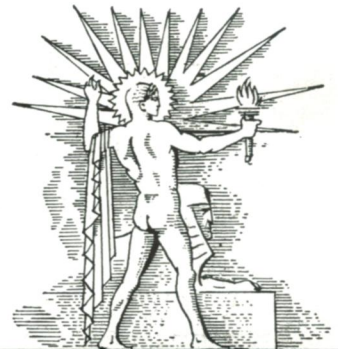


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



June 21, 1941

You Are Safe

See Page 393

A SCIENCE SERVICE PUBLICATION

## Do You Know?

One-half of the *timber* volume in the United States is in the Northwest.

By providing *irrigation*, Grand Coulee Dam will create at least 20,000 new farms.

Eight-sided *revolving libraries* as tall as 60 feet were built in some medieval Buddhist temples to house the numerous scrolls.

Present war tactics are apparently causing more *casualties* among civilians than among armed fighters, a medical publication reports.

The idea of passengers and mail landing by *parachute* from a steam flying machine was pictured by an imaginative artist of about 1830.

Helpful for Philippine self-sufficiency is a recent invention which makes it possible to run automobiles on a charcoal gas from *coconut* shells.

A British *population* expert says that efforts to control or influence population increase are as old as the Babylonian code of Hammurabi, about 2000 B. C.

*Kish*, name of a famous Bible town, is also familiar in steel industry as the name of a powder-like graphite, which separates from molten iron in cooling.

Popular names given to the famous *bighorn sheep* of the West include: mountain sheep, Rocky Mountain bighorn, American ibex, sheep deer, and wild sheep.

## 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 is the purpose of using two airplane propellers on the same shaft? p. 392.

### AGRICULTURE

Where are French teasel burrs now being grown? p. 393.

### ASTRONOMY

How many new comets have been discovered this year? p. 392.

### ECONOMICS

At what age are children going to work in heavy industries in Japan? p. 389.

### ENGINEERING

What are some of the difficulties encountered in using substitute materials in automobiles? p. 396.

### MEDICINE

How can a blood test be used to predict length of life? p. 395.

How can one fit be used to protect an epileptic against another? p. 387.

How has diabetes been prevented in animals? p. 396.

What new sulfa drug is being tried for treatment of tuberculosis? p. 396.

What serious brain disease may attack babies before birth? p. 387.

### MEDICINE-PSYCHIATRY

How do fish contract a vitamin-deficiency disease? p. 388.

How did scientists discover that an attack of infantile paralysis does not give entire immunity? p. 388.

What simple drug makes the metrazol-shock treatment safer? p. 389.

### NUTRITION

What happens to a rat's teeth when they lack vitamin D? p. 393.

### PALEONTOLOGY

Where was a jawbone of an extinct ape-man child found? p. 392.

### PHOTOGRAPHY

How can daylight color film be used at night? p. 392.

### PHYSICS

How was it demonstrated that you are safe in a steel car when it is struck by lightning? p. 393.

### PHYSIOLOGY

How can inches be added to height of a dwarfed boy? p. 395.

### POPULATION

When will the "vanishing Indians" be back to their 1492 numbers? p. 397.

### PSYCHOLOGY

What common visual defect bars a man from the Navy? p. 390.

### PSYCHOLOGY-PSYCHIATRY

Why should odd-looking men be barred from the Army? p. 394.

### RESOURCES

How has the war affected bird banding? p. 392.

Where are cork trees now being grown? p. 397.

A *halibut* lies on its left side and both its eyes are on the right side.

About 45% of United States *steel* exports in 1940 went to the United Kingdom.

Germany is reported to be using *zinc* to replace aluminum in making slide fasteners.

*Tuna fish* are supposedly rare in Australian waters, but air surveys show that some species are numerous there.

## ● RADIO

Thursday, June 26, 2:45 EST

On "Adventures in Science," with Watson Davis, director of Science Service, over Columbia Broadcasting System.

Charles C. Williford, in charge of Springfield, Mo., Weather Bureau, will discuss thunderstorms. Listen in each Thursday.

Attempts are being made to introduce *abaca*, or Manila hemp, to the American tropics.

Finishes that will make *silk stockings* resistant to snagging and abrasion are a goal of laboratory experiments.

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