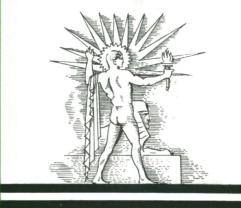
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





November 29, 1941



Light for Liberty

See Page 345

A SCIENCE SERVICE PUBLICATION

Do You Know?

The U. S. Army has evolved a timesaving way of packing Army clothing by baling it.

The Romans launched their ships by sliding them into the water on timbers greased with animal fat.

Sawdust from beech and alder trees is found satisfactory as a roughage element in diets of fish in hatcheries.

Heating grapefruit before it is pressed or canned removes most of the objectionable peel oil taste, Government scientists

Two American firms in Seattle and Alaska are experimenting with a start in the king crab industry in Alaskan

Ways of reducing primitive languages to writing will be discussed at an institute of linguistics at the University of Oklahoma next summer.

Importance of arc welding in South Africa's war effort is recognized by issuance of a special postage stamp picturing a modern welder at work.

Scales used in checking filament wires in lamps are delicate enough to weigh a signature—"George Washington" written in pencil weighs .00089 grams.

More than one-fourth of the *steel* made in the United States and Canada for defense this year is coming from automobile junk yards and other scrap heaps.

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

ANTHROPOLOGY

What new archaeological find has been made in Virginia? p. 344.

ARCHAEOLOGY

To what use have scientists put timber cut in the year 217? p. 341.

ASTRONOMY

Where are this year's four Christmas stars? p. 346.

DENTISTRY—NUTRITION

Lack of what vitamin has been linked with tooth decay? p. 341.

MEDICINE

Of what new use is a mold? p. 341.

To what injury are fat men prone? p. 349. What is the cause of tiny limestone formations in the lungs? p. 340.

MEDICINE—BIOLOGY

How big is the virus that causes influenza? p. 339.

METEOROLOGY

How many stratospheres are there? p. 348.

METEOROLOGY—GENERAL SCIENCE

In what ways are meteorologists contributing to national defense? p. 347.

NUTRITION

What is Pantothen? p. 344.

On what does the hardness of a plastic depend? p.~342.

What does the Arctic winter do to the atmosphere's "roof?" p. 340.
What new practical use has peen found for heavy water? p. 345.

POPULATION

How do statistics contribute to Russia's defense? p. 345.

PSYCHIATRY

How can mental breakdowns in the armed forces be avoided? p. 343.

Why won't the returning soldier fit into a job held for him? p. 348.

Russia's Volga river and its tributaries are navigable for about 10,000 miles.

Supervised by Ohio State University chemists, WPA workers are making an index on research for new uses of starch.

China can send only limited quantities of tung oil to the United States now, but is accumulating large supplies for future export.

The surface around the Grand Canyon rim is rising at the rate of a few inches a century, and the canyon is cutting slowly downward, too.

Some states are saving steel by not issuing new automobile license plates, using instead dated inserts or cover strips or dated windshield stickers.

The mourning dove is a close relative of the extinct passenger pigeon.

A transparent plastic window in surgical casts is proving helpful in British treatment of bomb wounds and fractures.

Boy Scouts in Indiana are competing in a contest of gathering tulip poplar seed, to meet a shortage and an increasing demand.

An artificial lake on which troops can learn pontoon bridge construction is being made by the WPA at Indiantown Gap, Pennsylvania.

To prevent icing of windshields, one United States air line is installing a double windshield, between the layers of which heated air is kept moving.

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