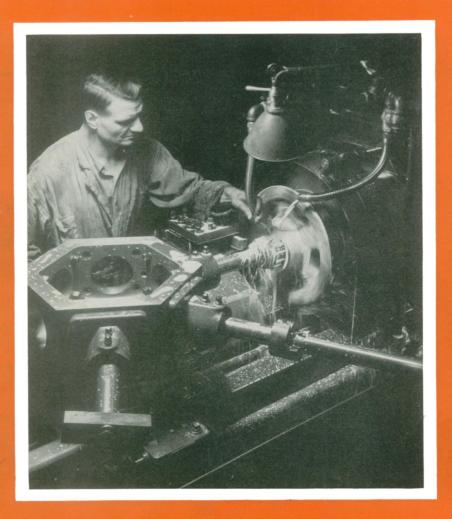
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





July 13, 1940



For Defense

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A SCIENCE SERVICE PUBLICATION

Do You Know?

Seventeen million Americans suffer from chronic diseases, says a New York hospital director.

About 15 states now have laws requiring pedestrians to walk on the left side of the highway, facing on-coming traffic.

Diabetic patients in England are permitted to swap their sugar ration for an extra allowance of beef.

The dairy industry says that London had milk bars 200 years ago-and the cow was kept behind the bar.

The United States produces over 90% of the world's molybdenum-important in armaments as a toughener of steel.

A method of sizing paper so that it is water-proof, and can even be written on when wet, is being commercialized in this country.

The Bureau of Mines recommends that detonators and explosives should not be transported in the same car, and some mining states have safety laws to this effect.

It may yet be proved, says a British anthropologist, that the modern Arab is the descendant of the men who built famous ruined cities along the Tigris and Euphrates.

A new "leaning wheel" tire is designed to withstand the wear of carrying road-grading machines along, regardless of whether one wheel is high on a bank and the other down a ditch.

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 agency is making books available to aviation students? p. 20.

AERONAUTICS-RADIO

What are the advantages of the omnidirectional radio range beacon? p. 29.

AGRICULTURE

What effect will the German invasion of the Island of Jersey have on the American cattle industry? p. 25.

ARCHAEOLOGY

What ancient people used the blitzkrieg and secret weapon techniques? p. 29.

Where was an American "King Tut" discovered? p. 21.

ASTRONOMY

How do Brown University astronomers hope to learn more about the sun's zodiacal light? p. 21.

ENGINEERING

What program is aiding in the training of machine tool operators? p. 19.

GENERAL SCIENCE

How many were listed in England's central register of specialists? p. 20.

What is America's greatest need for de-

Where will Sigma Xi have its headquarters? p. 25.

GEOLOGY

What earth minerals have been made to yield new materials? p. 25.

What is the record for catching broadbill swordfish? p. 24.

INVENTION-RESOURCES

How can the task of transporting chow be made lighter? p.~23.

What industrial material is made from cashew nuts? p. 24.

ORNITHOLOGY

What nine-inch bird has a three-foot tail? p. 24.

PHYTOPATHOLOGY

How can trees afflicted with Dutch elm disease be located? p. 22.

PSYCHOLOGY

Where were two little girls reported to have been brought up by wolves? p. 26.

How does Germany insure collection of scrap metals? p. 22.

STANDARDS

What change is proposed in the definition for temperature scales? p. 21.

About 18% more land is planted to soybeans in the United States this year than last.

Propeller-driven motor sleds used in the Finnish army had speeds up to 100 miles an hour.

The name torpedo was apparently first used to describe a war invention by Robert Fulton.

A Sea Gull Monument in Salt Lake City recalls the California gulls that saved Mormon pioneers from a cricket plague.

The puffer fish blows itself up when excited until it resembles a ball with fins and tail.

There are nearly 1,500,000 Mexicans in the United States, about half of them living in Texas.

An all-purpose gas mask for industrial workers and firemen is said to protect against fumes, smokes, and mists.

Pumping 70 barrels of fuel oil overboard, to calm a mountainous sea, saved the American steamer Antinous on April 4, in the Pacific.

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