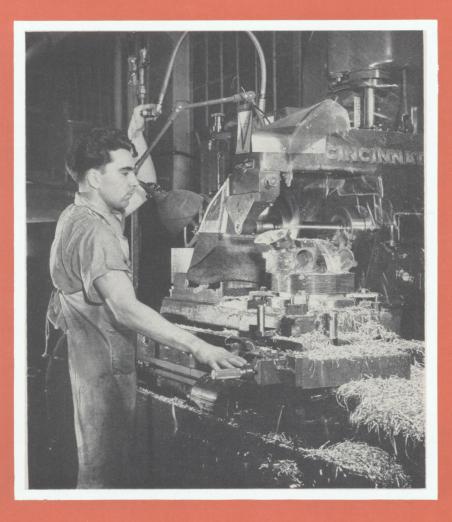
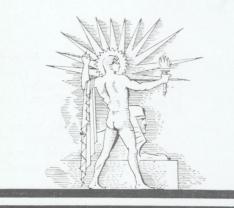


SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE.





May 23, 1942



Speed in Machining

See page 327

A SCIENCE SERVICE PUBLICATION

Do You Know?

The tiny hummingbird can make a non-stop flight of 500 miles.

The oar-fish sometimes grows to be over 20 feet long and is called "king of the herrings."

American soldiers drink 6,000,000 cups of coffee every day, Army Quartermaster Corps officials estimate.

Grand Coulee dam will eventually provide water for irrigation of 1,200,000 acres of productive land.

Fatal pulmonary embolism—blockage of the pulmonary artery by blood clotis very rare under the age of 50.

More than 52,000,000 forms in the Old Age Insurance Division of the Federal Government have been microfilmed.

Russian scientists have developed a "heliorefrigerator" which converts solar heat into low temperatures by means of ammonia coils.

In parts of southern France and northern Spain the pea (pois) was the standard of weight, and some believe that is the origin of avoirdupois.

Drinking glasses that bounce when dropped, and unbreakable plates, cups and bowls are to be furnished the Army by the Quartermaster Corps.

A new metallurgical process which converts low-grade chromite ores into a higher grade material has been developed by the U. S. Bureau of Mines.

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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ARCHAEOLOGY

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PHYSIOLOGY

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How successful has the psychiatric examination of selectees in Boston been? p. 323.

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PSYCHOLOGY

How does insulin act in the treatment of mental disease? p. 325.

What false assumption is made about the

power of enemy propaganda? p. 327. What is "flying fatigue"? p. 329.

RESOURCES

How much rubber is Haiti growing? p. 326.

SEISMOLOGY

Where was the disastrous Ecuador earthquake centered? p. 329.

Sheepskin has been found the warmest of all furs by the U. S. Army.

The brink of *Niagara Falls* is receding at the average rate of 21/2 feet a year.

There is enough ice in Antarctica to encase the entire globe in a sheet 120 feet thick.

Titanium dioxide, the whitest substance known, is made from ilmenite, blacker than coal.

A Javanese woman is always bareheaded in the presence of men, but she decks her hair with flowers.

Elephants were used by ancient armies as tanks are used today.

Almost 20,000,000 goldfish are reared annually in the United States.

Children's eyes do not become mature until they reach the seventh or eighth

Long before the Wright brothers, Leonardo da Vinci built model gliderswhich could fly.

By throwing a patch of light on a cloud at night it is possible to calculate the height of the "ceiling" over airports.

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