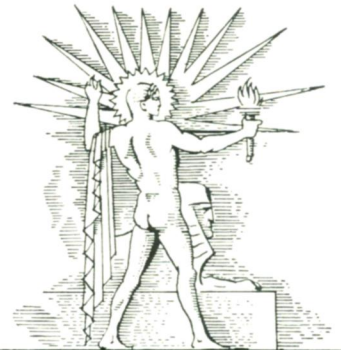


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



June 8, 1940

Tails for Torpedoes

See Page 362

A S C I E N C E S E R V I C E P U B L I C A T I O N

Do You Know?

The 51,000,000 *outcastes* of India's Hindu world are now called the "scheduled castes."

Listing 11 kinds of milk, the Department of Agriculture reports that *reindeer milk* is richest.

The only insect known to invade and damage telephone equipment indoors is the *fire ant*, reported troublesome in Texas.

The Montgolfier brothers, noted pioneers in *balloon* flights, started as children to make toy balloons with paper and flour paste.

A tattooing specialist in England says some soldiers and sailors are having their *blood types* tattooed on them, in case of need for transfusion.

To improve the *grass* of Washington's city parks, government scientists will make tests of weed control, soil improvement, and other factors.

The five most commonly owned *public utilities* in the United States now are waterworks, sewage disposal plants, cemeteries, airports, and auditoriums.

A "*waterproof*" living room, in which even rug and books have been made resistant to water, is a feature of a current industrial art exhibit in New York.

Worcester Art Museum, Massachusetts, has acquired a fifteenth century Italian *helmet*, which was found in a moat at Padua and which has four holes pierced by bolts shot from crossbows.

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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ENGINEERING

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GENERAL SCIENCE

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MEDICINE

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Which vitamin has enabled a child with wasted muscles to walk again? p. 355.

MILITARY SCIENCE

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What sort of novel attack on Calais was planned in 1410? p. 361.

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PHOTOGRAPHY—MEDICINE

How can the camera fan get a shot of the inside of your stomach? p. 356.

PHYSIOLOGY

What sort of taste for liquor has a rat? p. 360.

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What experiments have upset the "laws" of photosynthesis? p. 359.

PSYCHIATRY

What does the "eye jerk" test reveal? p. 355.

PSYCHOLOGY—PHYSIOLOGY

What are the effects of morphine that occur before the patient is aware of it? p. 361.

RADIO

What part of the radio spectrum is reserved for FM? p. 365.

ZOOLOGY

What duties are performed by the dogs of the French army? p. 360.

Wide-base *tires*, with rims about 1½ inches wider than present automobile tires, are in prospect.

A University of California agriculturist has listed a variety of simple *burglar alarms* for protecting chicken coops and horse barns.

Spring *migrations* carry some 60 million waterfowl northward to breeding grounds in Alaska, Canada, and northern United States.

Hunting *whales* commercially south of the equator did not begin until after the middle of the eighteenth century.

For its citrus groves and other farming ventures, Palestine is now making locally 30% to 50% of the *insecticides* it needs.

A simplified way of measuring the tendency of *paper* to curl—important to paper manufacturers—has been devised by the National Bureau of Standards.

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