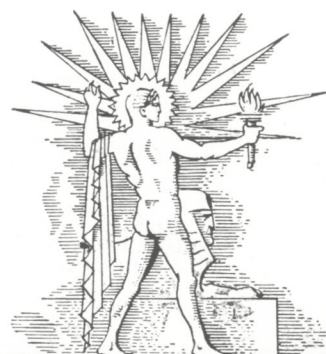


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



May 30, 1942

For All-American Rope

See Page 340

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 *muskox* is a true remnant of the Ice Age.

Moose are the largest members of the deer family.

Gem cutting began several thousand years before Christ.

All mammals can *swim*, many expertly, but not all like water.

The Army believes it will need a total of 23,658 *physicians* this year.

In ancient times *gems* were believed to have magic or medicinal powers.

Sheep will be sheared practically to order this year to provide woolen flying suits for U. S. airmen.

Hippocrates and his pupils believed that the *arteries* transported air to keep the internal fires burning.

More than 100 ways in which *wood* can take the place of tinplate or steel have been listed by the U. S. Forest Service.

Honey or corn syrup may be substituted for as much as half the *sugar* in canning, according to the U. S. Department of Agriculture.

Saccharin, a coal tar product with a very sweet taste, cannot be used in canning because it becomes bitter when heated.

Question Box

Page numbers of Questions discussed in this issue:

AERONAUTICS

Of what types of planes does the Army need models? p. 342.

AGRICULTURE

In what part of the United States will hemp be grown for rope? p. 340.

ASTRONOMY

In what field of science are workers still cooperating on an international scale? p. 349.

What is the brightest star visible during June? p. 346.

When will the sun reach its coldest point in 23 years? p. 347.

BOTANY

What flower grows all around the world? p. 348.

GENERAL SCIENCE

How many high school seniors are taking part in the Science Talent Search being conducted by the Science Clubs of America? p. 343.

Who were honored by election to the National Academy of Sciences this year? p. 351.

MEDICINE

How can sound waves be used to improve a sulfa drug? p. 339.

What ill may be mistaken for continuous colds in a baby? p. 344.

What sometimes causes a fatal collapse after severe bleeding? p. 344.

Why are physicians' diathermy machines being registered? p. 344.

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.

MEDICINE—PSYCHIATRY

What is marihuana good for? p. 341.

NUTRITION

How much will it cost Americans to have enriched bread and flour? p. 339.

What food could take the place of beef-steak if meat becomes scarce? p. 339.

PALEONTOLOGY

What was Phobosuchus? p. 343.

PHYSICS

How many forms are taken by flow of liquid through a pipe? p. 340.

PSYCHIATRY

In what state can ordinary college boys and girls interpret the strange talk of mental patients? p. 341.

What development will make psychoanalysis more widely available? p. 347.

What proportion of American mental hospital patients are now receiving the shock treatment? p. 345.

What would be the advantage of mobile psychiatric first aid posts for the Navy? p. 342.

PSYCHOLOGY

What emotional attribute fits women for war work? p. 345.

PUBLIC HEALTH

How can drinking glasses be made self-sterilizing? p. 345.

What disease of the South is now found in the North? p. 349.

Scientifically, the *Pacific* is the least known of the oceans.

In growing old, men lose their recent *memory* first, remote memory last.

A new *bee food*—part pollen collected by bees and part soybean flour—is being tested by the U. S. Department of Agriculture at Beltsville, Md.

The iron and steel used in one *tractor* would harness 65 mule teams.

The *anise* plant is a native of Egypt, but is cultivated in all warm climates.

Thompson and Lindsay Islands in the South Atlantic are reported vanished by the British Admiralty—they had been charted since 1825.

SCIENCE NEWS LETTER

Vol. 41 MAY 30, 1942 No. 22

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St., N. W., Washington, D. C. NOrth 2255. Edited by WATSON DAVIS.

Subscriptions—\$5.00 a year; two years, \$7.00; 15 cents a copy. Ten or more copies to same address, 5 cents a copy. Back numbers more than six months old, 25 cents.

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Cable address: Scienserv, Washington.
New York office: 310 Fifth Avenue, CHickering 4-4565.

Entered as second class matter at the post-

office at Washington, D. C., under the Act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and in the Engineering Index.

The Science Observer, established by the American Institute of the City of New York, is now included in the SCIENCE NEWS LETTER.

The New York Museum of Science and Industry has elected SCIENCE NEWS LETTER as its official publication to be received by its members.

Member Audit Bureau of Circulation. Advertising Representatives: Howland and Howland, Inc., 393 7th Ave., N. Y. C., PENnsylvania 6-5566; and 360 N. Michigan Ave., Chicago, STAtE 4439. SCIENCE SERVICE is the Institution for the Popularization of Science organized 1921 as a non-profit corporation.

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