

SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE • SEPTEMBER 19, 1942



Medicine, 1942
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A SCIENCE SERVICE PUBLICATION

Do You Know?

One-fourth of all maple syrup is used in tobacco manufacture.

Cut flowers, and particularly carnations, will wilt in the presence of apples because the fruit gives off ethylene gas.

Alaska's human population of 72,524 is scattered throughout the territory with a density of about one person to every eight square miles.

Early records of cotton cultivation, found in the ruins of an ancient city of India, show that the textile was grown and spun as early as 3,000 B.C.

Accuracy of "electric eyes," the photoelectric cells used in counting traffic, is seriously impaired during extremely hot or cold weather, unless the machines are insulated.

Mobile service plants, ranging from station wagons to ten-ton trucks, follow advancing units of America's airplanes on battle duty, ready to diagnose and repair airplane damage.

The extreme scarcity of *iodine* in Germany has resulted in numerous substitutes for this antiseptic, some of which are bromine compounds; the germicidal value of these substances has not been convincingly shown.

In the eighteenth century scientists began writing simply, for the lay public; Latin was abandoned by many scientific writers; and many children's books on physics, motion, water, fire, vision, and the like, ran into several editions.

Question Box

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ASTRONOMY

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CHEMISTRY

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From what substance are dyes now made?
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From what wastes can alcohol for munitions be made? p. 185.
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EDUCATION

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ENGINEERING

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GENERAL SCIENCE

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MEDICINE

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How can the sufferer from arthritic back-

ache get a good night's sleep? p. 188.

What animals besides rabbits can carry rabbit fever? p. 185.

What may be responsible for airplane accidents formerly attributed to "pilot error"?

v. 182. What test is recommended for flying personnel to determine whether they will black out in combat maneuvers? p. 181.

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NUTRITION

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PHYSIOLOGY

How does flying affect the kidneys? p. 184.

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.

Sphagnum moss has been used with excellent results as a surgical dressing material, being better than absorbent cotton for some types of dressing.

Bark patterns of some fossil trees show diamond-shaped scars left by fallen leaves; these scars continued to grow during the life of the tree, even though the leaves themselves had fallen.

A flock of 24 hens will produce a constant supply of fresh eggs and an occasional chicken dinner for a family of five.

"Blackout rooms," those to which the family will retire in case of air raids, should have emergency lighting, heat, water, food, medical supplies, recreational equipment, and fire-fighting apparatus.

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SEPTEMBER 19, 1942

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;

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: Scienservc, Washington.
New York office: 310 Fifth Avenue, CHickering 4.4565

ing 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 mem-

official publication to be received by its mem-

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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