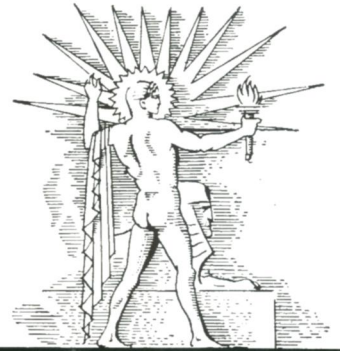


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



March 22, 1941

For Frequency Control

See Page 179

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?

Migrating *birds* seldom travel in a straight line.

Fires are often built of *whalebone* in the Aleutian Islands, off Alaska—wood is scarce.

New York State is making a survey and inventory of its *nursing* resources for defense information.

The United States now imports only 5% of its dyes, and exports more of this class of goods than it buys from foreign sources.

Thirty *Comanche Indians* have been chosen by the army for Signal Corps duty, to use their little-known language for code purposes.

Turkey's crops of wheat, barley, rye, and oats in 1940 were the largest in recent years.

British officials deduce from Italian *economic measures* that Italy is short on cereals, fats, charcoal, raw cotton, rubber, leather, and gasoline.

The United States' *population* doubled between 1790 and 1815, again between 1815 and 1840, again from 1840 to 1856, and a fourth time from 1856 to 1900.

A geologist says that Palestine's *mountains* were formed when the sea receded from the area about 500,000,000 years ago; then the sea covered it again for at least 15,000,000 years, and after that the area was dry land again.

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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What plan of gun mounting on an airplane is designed to give fire command over an enemy approaching from any direction? p. 180.

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PALEOBOTANY

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PHOTOGRAPHY

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PHYSICS

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PSYCHOLOGY

What does the story of the "Wolf Girl" teach about the effect of bad surroundings on a child's intelligence? p. 182.

RADIO

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WILDLIFE

How can swallowed shot be removed from live wild ducks? p. 185.

The Chinese, says an archaeologist, have had sheep since late prehistoric times, but have never developed a *woolen* industry.

Manzanita and wild lilac, growing on the West Coast, are among domestic sources of *burls* offering substitutes for French brier for pipewood.

Toys from the WPA Toy Shop in New York have been placed in Child Health Centers of the city, to amuse children awaiting dental and medical treatment.

By withdrawing *nickel* coins from circulation, Italy has obtained 1,600 metric tons of nickel and expects to salvage another 2,900 tons.

British agriculturists point out that *potatoes* in the ready-to-eat stage can be increased in quantity 33% by care in peeling and eyeing.

Examining bones of a rare fossil *sloth*, Thomas Jefferson in 1796 judged this "an animal of the lion kind" and named it *Megalonyx*, meaning "Great Claw."

SCIENCE NEWS LETTER

Vol. 39 MARCH 22, 1941 No. 12

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 2101 Constitution Avenue, Washington, D. C. 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: Scienservc, Washington.

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.

Members of the American Association for the Advancement of Science have privilege of subscribing to SCIENCE NEWS LETTER at \$3 a year.

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

Advertising rates on application. Member Audit Bureau of Circulation.

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