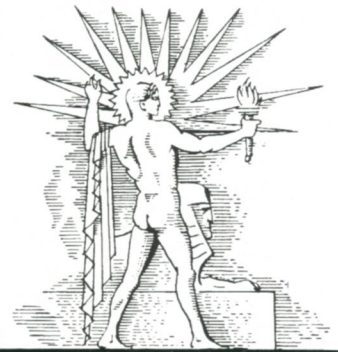
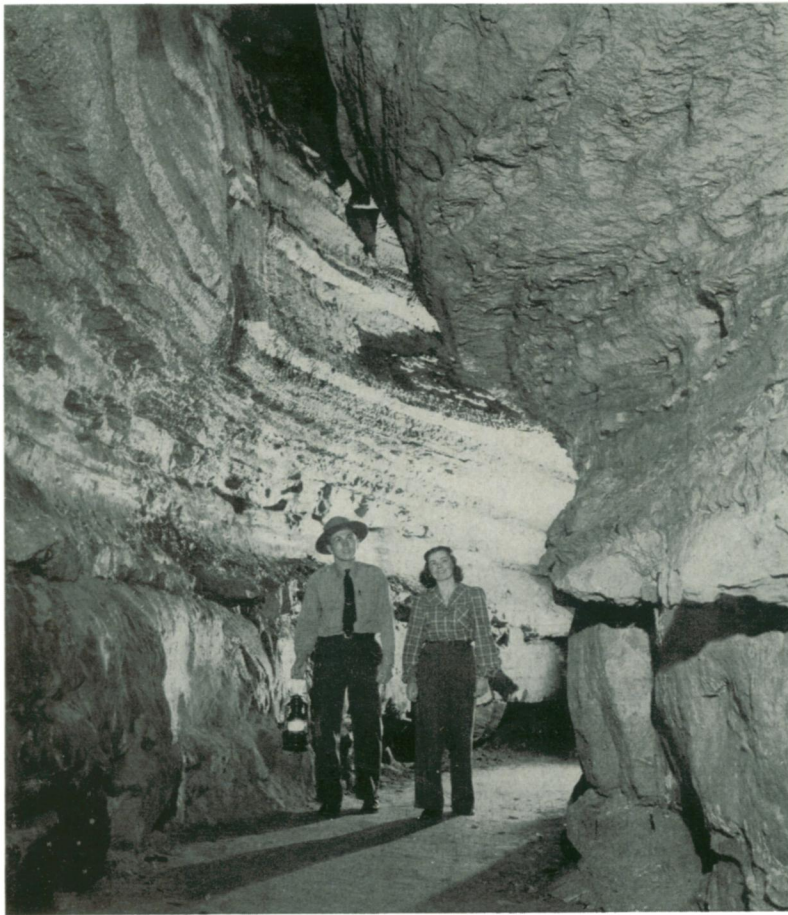


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



September 27, 1941

Cave for Uncle Sam

See Page 201

A SCIENCE SERVICE PUBLICATION

Do You Know?

The world's *whale* catch today is larger than in the famous New England whaling era.

It takes 26 sheep to provide the wool for a *soldier's clothing* during his first year of service.

A filament of *nylon* wound tightly around violin strings of gut is said to produce a string protected from moisture.

From instrument readings it is judged that *winds* on Mt. Washington, New Hampshire, reach maximum velocities of about 200 miles an hour.

A survey at the University of Oklahoma indicates that 14,583 words are used frequently enough to be considered within a child's working *vocabulary*.

By one estimate, the Incan Empire in prehistoric South America took in 8,000,000 *Indians*, but another estimate allows scarcely more than half that number.

Horses get credit for having horse sense, but cows have *cow sense*, says an agricultural extension advisor: in one herd of 100 cows all respond to their names.

Government bird experts tell this one: a *blue-winged* teal recently crashed a double-strength glass window of an observation fire tower in North Dakota, breaking a round hole in the glass; and the hard-headed bird apparently was not hurt.

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.

AGRICULTURE

What double crop may be obtained from tobacco too rank for smoking? p. 198.

ASTRONOMY

Why is Mars so bright at this time? p. 202.

ENGINEERING

What can you put in inner tubes to reduce the danger of static? p. 201.

What modern method of house heating is adapted from that used by ancient Romans? p. 195.

INVENTION

How can a shell be enabled to explode before striking its target? p. 199.

MEDICINE

Of what dread blood disease is radioactive phosphorus a helpful treatment? p. 195.

What rare operation restores invalids to active lives? p. 196.

What vitamin may be a cure for lice? p. 201.

NUTRITION

Of what does the vitamin B sandwich consist? p. 200.

What is the eighth vitamin B, newly discovered? p. 201.

PHYSICS

How can dry ice be used to detect counterfeit jewels? p. 203.

What caused the beautiful display of northern lights visible on September 18? p. 197.

PHYSICS—RADIO

What radiation from the sun has been blamed for poor radio reception? p. 200.

PHYSIOLOGY

How can your sitting position make your feet hurt? p. 200.

How do vitamins aid every life process? p. 206.

RESOURCES

How could coal be transported by pipe line? p. 200.

PLANT PATHOLOGY

What new disease attacks mimosa trees? p. 201.

PUBLIC HEALTH

How much infantile paralysis was reported in the Middle Atlantic States in the week of September 13? p. 198.

What disease is taking an increasing toll in Europe because of the war? p. 207.

ZOOLOGY

How can you tag a skunk without being sprayed? p. 198.

The plastics that Brazil is making from *coffee* can be turned out in all colors except white.

Special *galleries for children* are to be opened at New York's Metropolitan Museum of Art this autumn.

There are less than 20 of the powerfully magnifying *electron microscopes* in existence today, and of these the United States has eight.

Naphthalene flakes or mothballs are said to be sometimes effective in driving *skunks* from a den too near a house.

Swedish farmers are using *whely* in a kind of molasses feed for livestock, to help solve the shortage of feed.

Children's *mental growth* is faster in autumn and winter than in spring and summer, a University of California psychologist reports.

SCIENCE NEWS LETTER

Vol. 40 SEPTEMBER 27, 1941 No. 13

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 1719 N St. N. W., 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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