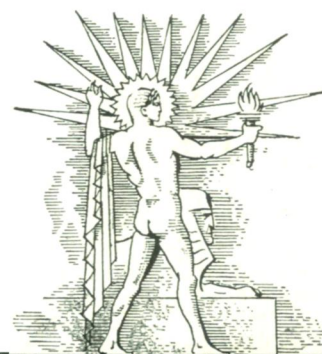
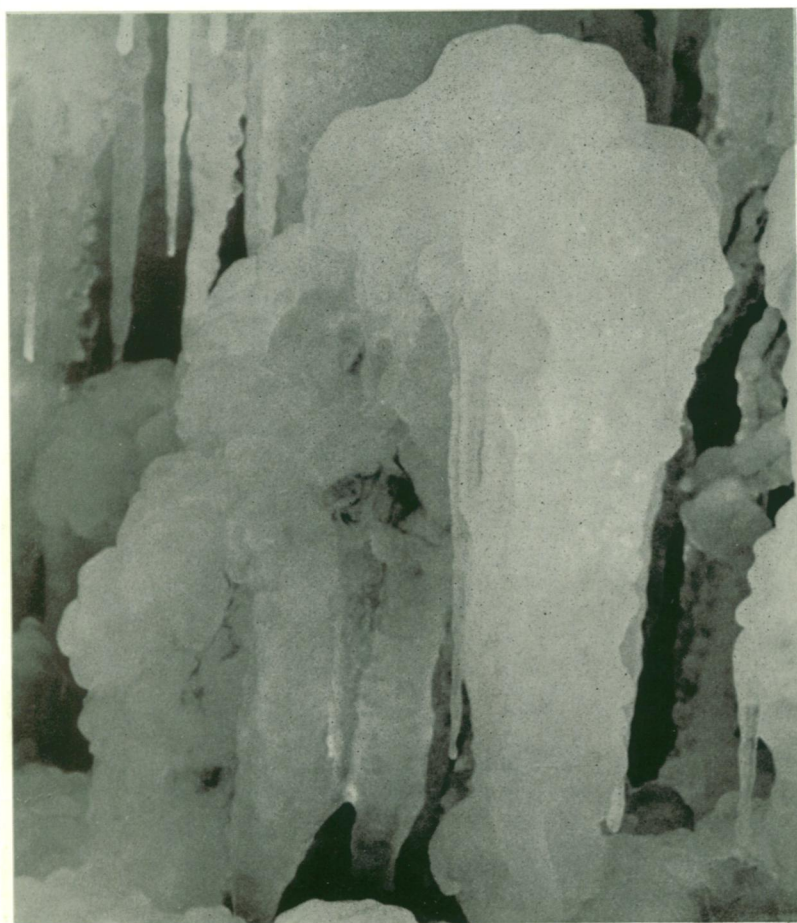


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



January 4, 1941

White Elephant

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A

SCIENCE SERVICE PUBLICATION

Do You Know?

Zebras are horses under their striped coats, says a zoologist.

The *sugar* producing islands of the United States are all strategically important.

Cannon fire may cause windows to shatter and dishes to rattle more than 100 miles away.

Northwestern farmers are growing more *fiber flax*, which makes the best cord for parachute rigging.

The first railroads in the United States used rails made of wood with a thin metal strip fastened on top.

As a substitute for steel plates, Germany is reported to have begun production of cast and tempered *basalt stone*.

Adding to Italy's food worries has been a shortage of *tin plate*, as a result of which, reports say, much food deteriorated last spring while awaiting canning.

An unknown area of the Far South as large as New England has been explored and mapped by scientists of the U. S. Government expedition to *Antarctica*.

A *map mural* at the Santa Barbara Museum, believed the first of its kind in a museum in this country, portrays racial types and shows by arrows man's routes of migration.

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.

ASTRONOMY

What are the "ghosts of the universe"? p. 6.

BIOLOGY

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ENGINEERING

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Where should a metallurgical engineer look for a job? p. 8.

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GEOPHYSICS

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MEDICINE

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Which is the best sulfa drug for pneumonia? p. 8.

METEOROLOGY—AERONAUTICS

Where is "freezing level"? p. 8.

PALEONTOLOGY

What animal had a four-foot bone in its neck? p. 6.

PHYSICS

How can more energy be obtained from a split atom? p. 3.

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What sort of "finishing school" is needed for electricity? p. 9.

PHYSICS—ASTRONOMY

What tremendous disturbance is caused by the tiny neutrino? p. 14.

PHYSIOLOGY

What happens to the blood of animals when they have pneumonia? p. 9.

POLITICAL SCIENCE

How is feeling about soldiers changing in Thailand? p. 7.

PSYCHIATRY

How does war resemble drunkenness? p. 13.

PUBLIC HEALTH

What are the prospects for health in 1941? p. 10.

PUBLIC HEALTH—PSYCHIATRY

How much does alcoholic mental disease cost in the United States? p. 14.

What sorts of mental ills are caused by alcohol? p. 13.

SEISMOLOGY

How many kinds of waves does an earthquake set up? p. 12.

Where was the New England earthquake centered? p. 11.

Diet clinics, to which families can bring their food buying and nutrition problems, are recommended by the National Defense Advisory Commission.

Many sand dunes and islands and rural parks where England's uncommon *birds* found quiet homes are now coast defenses and army training grounds.

War with the Soviet Union caused Finland to lose nearly 170,000 cattle, 153,000 sheep, 75,000 pigs and 13,000 reindeer.

By use of *telescoping lenses*, persons with only two or three per cent of normal eyesight can read newspapers, says the Better Vision Institute.

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