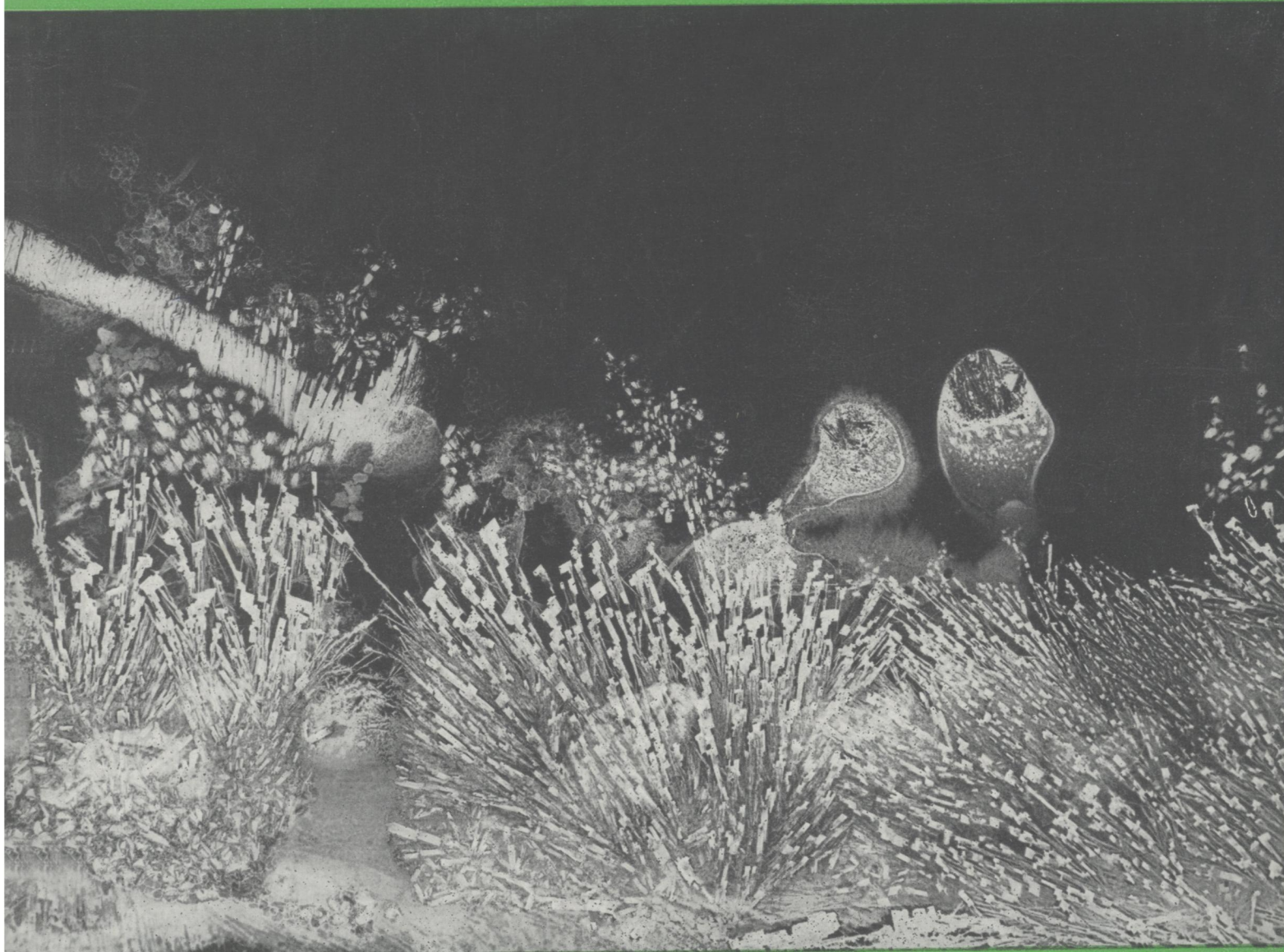


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE • DECEMBER 26, 1942



Fantasy

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A SCIENCE SERVICE PUBLICATION

Index for Vol. 42 in this issue

Do You Know?

Beet sugar is chemically indistinguishable from cane sugar.

Parsley is exceptionally high in vitamin C, vitamin A, and iron.

Sprouting raw *soybeans* with moist heat improves their nutritive value.

Brazil exported only 495,642 sacks of *coffee* last September, as compared with 777,106 in September, 1941.

The Coast Guard is using portable *dental clinics* for remote stations, with drills operated by foot power.

In its search for *dolomite*, a source of war-vital magnesium, the Bureau of Mines reports outstanding deposits in 37 states.

Butter developed for shipping without refrigeration or for use in tropical countries combines pure butter oil with skim milk powder.

A profitable example of genetic *mutation* is the platinum fox, variant of the silver fox, which sold for thousands of dollars when it first appeared.

Agricultural tests have shown that *potatoes* planted across the slope on the contour yield 5% to 15% more than those planted up and down hill.

The presence of *insect pests* in stored grain is revealed by a crust on the surface and the development of hot spots, since pests not only eat the kernel but also produce heat and moisture in the bin.

Question Box

Page numbers of Questions discussed in this issue:

ASTRONOMY

How much did the new Whipple comet increase in brightness? p. 411.

What bright star will hide behind the moon on January 16? p. 408.

Why were the prominences recently photographed on the sun of particular theoretical interest? p. 403.

CHEMISTRY

How can movie film be worn? p. 406.

EDUCATION

How many women will have received engineering degrees this year? p. 407.

ENGINEERING

What different methods of camouflage are being studied by U. S. camouflage experts? p. 410.

ETHNOLOGY

How long should the yule log burn? p. 411.

GENERAL SCIENCE

What researches are among those disclosed

in the Carnegie Institution's annual report? p. 405.

MEDICINE

How often should a test pilot take a vacation? p. 409.

NUTRITION

If you are getting proper food, will taking vitamin pills keep you from catching colds? p. 403.

What is the latest military use for vitamin C? p. 409.

PSYCHIATRY

How do war neuroses at present differ from those in 1918? p. 404.

PSYCHOLOGY

What precautions might be taken to prevent panic in dance halls and night clubs? p. 406.

POPULATION

What proportion of babies are born to mothers who are under 20 years old? p. 404.

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.

Forty-eight percent of the Pacific Northwest is occupied by *national parks* and forests.

The climate of all the French territory in *North Africa* is similar to that of southern California.

The United States will receive more *coffee*, now that the large German-owned plantations have been taken over by the Guatemalan government.

The 1942 increase in *milk* production represents a "sea of milk big enough to float the entire U. S. Navy," says the Department of Agriculture.

For every inch of *rainfall*, an acre of land has to handle 27,000 gallons of water.

The *Solomon Islands* are a good potential source for plywood and high-grade veneers.

Earth shock caused by a bomb explosion is similar to an earthquake and affects all buildings except all-steel or concrete frame structures.

A new *glass insulating* material discovered in Denmark is "very light, heat- and sound-resistant and acid-proof," resembling American fiber glass.

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