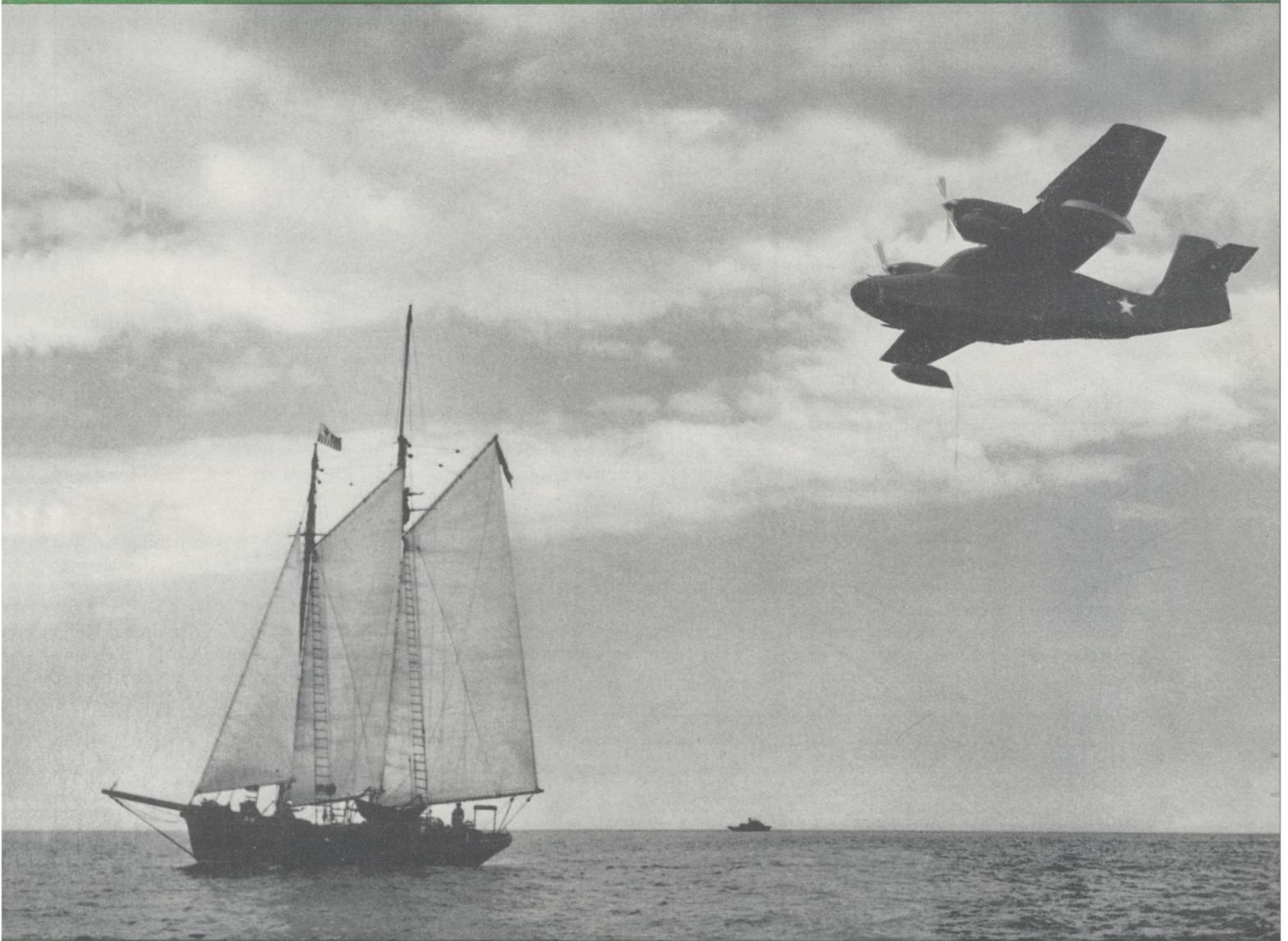


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE • OCTOBER 17, 1942



Old and New in Defense

See Page 248

A SCIENCE SERVICE PUBLICATION

Do You Know?

Sawdust has been used successfully by one Canadian motorist to fill a worn-out tire.

Courses in the *Chinese* language vie in popularity with Russian among British armed forces.

Australia is now self-sufficient in the production of *optical glass*, which used to be imported.

Potatoes, which contain vitamin C, prevented sailors from dying of scurvy in the days of long voyages on sailing ships.

This year's *lumber* production is expected to fall short of war and civilian requirements by some four to six billion board feet.

Five hundred thousand tons of new deposits of *bauxite*—the chief ore of aluminum — have recently been discovered in Georgia.

Century-old accumulations of *slate* around the quarries of Cornwall and Wales are being powdered and converted into camouflage paints.

The motion picture industry in occupied France is required to turn over all old *films* for the manufacture of Nazi chemical products.

All but one and one-half per cent of the *copper* mined in the United States comes from only 15 mines, and most of it from Arizona, Utah, and Montana.

Question Box

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ARCHAEOLOGY

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NUTRITION

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Upon what does the warmth of wool fabrics depend? p. 248.

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How does a new test determine the amount of blood in the body? p. 249.

PSYCHIATRY

How are cases of "nerves" treated in the British Navy? p. 247.

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.

Sugar cane sap is roughly 80% water, 16% pure sugar, and 4% molasses and impurities.

Ninety percent of the ingredients of an old *phonograph record* can be reclaimed to make new disks.

Shellac is produced by insects, practically all living in India, which transform the gum of trees into resin.

All motor vehicles in Estonia, Latvia, and Lithuania are required to use *wood gas* for fuel.

Canadians are experimenting with a new *fertilizer* made from the slag of steel furnaces.

To conserve *paper* in the United Kingdom, brewers are eliminating labels and using lettered crowns to identify bottles.

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