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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE • JANUARY 16, 1943



Radio for War

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A SCIENCE SERVICE PUBLICATION

Do You Know?

The *peanut* gives the highest oil yield of all the principal oil seeds.

The new *five-cent* piece contains 56% copper, 35% silver, and 9% manganese.

Cuba is considering mixing her imported *gasoline* with 25% domestic alcohol.

The United States has unlimited reserves of *mica* suitable for grinding into powder.

Many foods retain more nutritive value when *dehydrated* than when sun-dried or canned.

Sugar substitutes such as sorghum and molasses are actually more nutritious, being rich in iron and calcium.

Sunken Nazi U-boats make excellent *oyster beds*, according to recent findings of the Fish and Wildlife Service.

A quick method for freezing *beef*, taking six hours instead of eight days, has been developed in Argentina.

An Idaho mine, discovered in 1942 to contain *tungsten*, has already become the nation's largest tungsten producer.

Eggs should never be washed, since that destroys the "bloom" which prevents harmful bacteria from entering the eggshell.

Substitution of *glass* containers for metal cans in the paint industry will reduce its steel consumption from 73,000 tons to 6,700 tons.

Question Box

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GEOLOGY

At what university will women be trained in petroleum geology? p. 46.

MEDICINE

Is a plasma mixture from all four blood types completely safe for transfusions? p. 40.

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What new allergy test may be of use to a large part of the population? p. 36.

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METEOROLOGY

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What good does snow do the earth? p. 47.

NUTRITION

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What are the advantages of using soy flour in bread? p. 44.

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PHARMACY

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PHYSICS

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PHYSIOLOGY

By the new scientific technique, how many thousand slices of meat are obtained from a one-inch specimen? p. 35.

How did a scientist prove that horses rest better standing up than lying down? p. 40.

PSYCHOLOGY

How can ink blots be used to predict failure in school? p. 45.

Of what value are radio soap operas? p. 41.

PUBLIC HEALTH

How does smallpox spread? p. 43.

What evidence is there that the shortage of physicians may already be affecting the nation's health? p. 46.

What plans are being made to improve the health of all the Americas? p. 42.

WILDLIFE—AGRICULTURE

How do corn shocks standing in winter fields waste food? p. 46.

Paper, in laminated form cemented with plastic, is being widely used in Australian airplane manufacture.

Black walnut and butternut hulls, shunned even by squirrels, may some day be used commercially to produce fungicide.

Burma has less than eight miles of railroad per 1,000 square miles of territory, as compared to nearly 84 miles of railroad in the United States for every 1,000 square miles.

Women will probably make up about 30% of the *labor* force this year in war industries.

At least 75% of early active *tuberculosis* can be discovered only by X-ray examination.

Food sent to our allies is processed according to their special needs: for instance, Russia is now receiving tins of *vinaya tushonka*, a pre-cooked, highly spiced pork product popular with the Red Army.

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