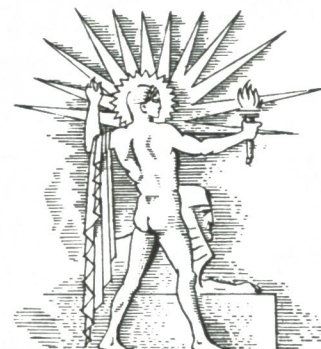


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



November 1, 1941

Warns of Danger

See Page 280

A S C I E N C E S E R V I C E P U B L I C A T I O N

Do You Know?

Cotton bred for a specific use in industry is a new development in this country.

Aiding *defense*, fishing tackle companies are producing delicate machine parts.

On oceanographer says that the *Pacific Ocean* is two feet higher on the Australasian side than on the American.

A British writer says that *birds* regard airplanes in four different ways—with indifference, curiosity, belligerence, and fear.

Some California Indian tribes used to enjoy cider made from *manzanita berries*, but this drink has gone out of fashion with them.

Thomas Jefferson introduced *one-way traffic* into his home, by providing a narrow stair for ascending and another for descending in one hall.

Indian boys learning *welding* at Haskell Institute say that they can weld anything from a broken eye of a sewing needle to a battleship.

If women would *dress* warmer in winter and men would dress cooler in summer, difficulty and expense of heating and cooling buildings would be lessened, two scientists report.

A geographer says that to conquer all *China* three strategic points must be taken: Shansi province, the crossing of the Yellow River at Tungkwan, and the Han valley, none of them held by Japan.

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.

AERONAUTICS

What new instrument will tell an airplane pilot when he is going too close to a thunder cloud? p. 280.

ANTHROPOLOGY

How do scientists know that America's Cave Men wore clothes? p. 281.
What mystery may be cleared up by the unearthing of 500 skeletons? p. 276.

ASTRONOMY

Of what are the clouds in "empty" space composed? p. 283.

ASTRONOMY—RADIO

What delayed effect do sunspots have on radio? p. 282.

CHEMISTRY

What new chemical process removes reflections from glass surfaces? p. 275.

ENGINEERING

How would Alice in Wonderland look on a "dynamic screen"? p. 281.

GENERAL SCIENCE

How is the threat to fundamental science research being met? p. 279.

INVENTION

How can chlorine be made from waste gases? p. 287.

How has the production of radioactive substances been speeded? p. 287.

MEDICINE

For what annual sum can good medical care be provided? p. 281.

How can the eyes of workers be saved from an infection due to a foreign body in the eye? p. 275.

How much have the sulfa drugs and serum cut the pneumonia death rate? p. 285.

What new ointment will heal skin infections? p. 281.

Where will a Chinese physician be instructed how to start a blood bank? p. 276.

METEOROLOGY

What is the loss in electric power caused by the drought? p. 280.

NUTRITION

How is the Army changing America's food habits? p. 277.

What can be done now to affect the nutrition of 1961? p. 277.

What six vitamins do you need to remember when planning meals? p. 280.

PSYCHOLOGY—CONSERVATION

What is the purpose of the "fag bag"? p. 279.

PUBLIC HEALTH

On what frontier is America's battle against plague being fought? p. 285.

What has Britain done to protect the health of all her citizens? p. 278.

What step has been taken by the U. S. Public Health Service to prevent a physician shortage in defense areas? p. 278.

PUBLIC HEALTH—RADIO

Why does the public not care for high fidelity? p. 286.

Nicaraguans eat the *cashew* fruit and throw the nut away.

A *bread* made of flour and orange peel is new in Palestine, where surplus orange crops are a problem.

Government scientists have invented a *cellophane bag* to reduce the weight of flower shipments by air.

By one estimate, *Nazi rule* has shuffled 9,000,000 people to new areas, and another 10,000,000 may yet be told to move.

The *garlic mushroom* has a garlic flavor.

Pushing a button, one British factory can *black out* 550,000 square feet of roof lights by shutters in 15 seconds.

A reddish-orange hybrid *tea rose*, especially developed, is named the "Rose Pan America."

Farm exports from the United States in the year ending June 30, 1941, were the lowest in 69 years.

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