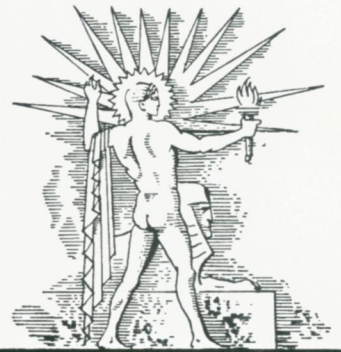


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



January 20, 1940

What the Fish Sees

See Page 40

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?

Home economists say that ironing causes less fatigue if the worker stands on a thick rug or a rubber mat.

Longhorn cattle of western plains were surly, easily frightened; hence the cowboy songs sung to quiet a milling herd.

German chemists are reported able to make synthetic wool out of potato leaves, thereby opening up a large new source of textiles.

One motor fuel manufacturer has a new testing laboratory which can produce such weather effects as heat waves, cold waves, and windstorms.

When poison ivy grows in apple orchards there are apt to be more leaf-hopper pests, because the hoppers find the poison ivy a congenial host plant.

Seventy-eight degrees below zero was registered on an alcohol minimum thermometer at Little America one cold day in July, 1934, during the second Byrd Antarctic expedition.

Impressed by the new sulfanilamide treatment of the eye disease trachoma, developed by doctors in the U. S. Indian Service, a Siamese physician is studying the method.

With modern baking methods, whole wheat bread has about five times the vitamin B₁ found in ordinary white bread; but methods of restoring this vitamin loss in white bread are being evolved.

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.

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Archaeology

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Mathematics

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What chemicals are preventing mastoid troubles? p. 40.

What new treatment has been successful against severe burns? p. 38.

What new weapon has cut down the deaths from influenzal meningitis? p. 35.

What purpose is served by a "splint bank"? p. 37.

Medicine—Chemistry

What revolutionary discovery affects the search for knowledge of cancer? p. 36.

Military Science

For what purpose are German pilots using incendiary bullets? p. 40.

Physiology—Statistics

In what way can statistics aid in forecasting death? p. 38.

Psychiatry

What medicinal value has a shock electric current through the head? p. 35.

Psychology

What are some of the love problems of adolescents? p. 40.

Public Health

What engineering problem affects the incidence of infantile paralysis? p. 37.

The United States produced 859,000 barrels of aviation gasoline in October; and could produce 1,500,000 barrels a month if necessary, it is estimated.

"The continued presence of smallpox in epidemic form in the United States is a national disgrace," declares Surgeon General Thomas Parran of the U. S. Public Health Service, pointing out that, despite vaccination being cheap and safe, there were 14,763 cases of smallpox in the United States in 1938.

An alligator snapping turtle has lived in the Philadelphia Zoo for 50 years, and it was an adult when it arrived.

Germany's war economy includes restriction on boron compounds, which figure in making leather, cosmetics, glue, shellac, and paper.

Orange juice not only provides calcium, but enables the body to store greater amounts of calcium from other foods, experiments indicate.

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