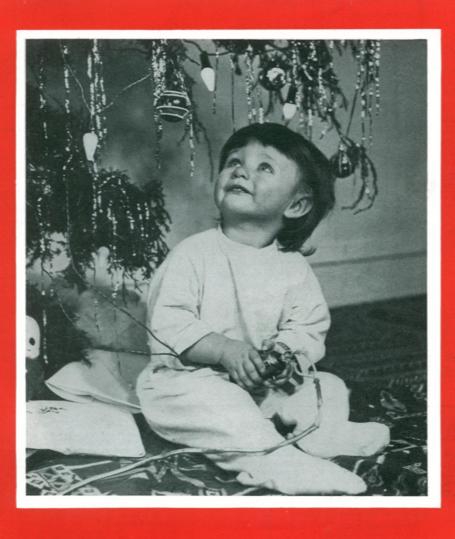
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE .





December 24, 1938



Danger!

See Page 409

A SCIENCE SERVICE PUBLICATION

Do You Know?

Cactus plants are often decorated as Christmas trees in Arizona desert country.

No less than 109 breeds of dogs are recognized by the American Kennel Club.

Among the novelty toys of the past were French tops so turned that they cast shadow portraits of Marie Antoinette and Louis the Sixteenth.

The skin and wool of the goat have clothed people in semi-arid lands since the dawn of history, and the goats helped to make conditions more arid.

Only 300 passenger automobiles, on an average day, are moving in coast-tocoast trips on the main east and west highways across the United States.

Armadillos are sometimes compared to turtles, but they are actually not very similar, since the armadillo has flexible armor and is a mammal, not a reptile.

Inventions are usually made by men under 40, often without scientific training, is the observation of Sir James Swinburne, president of the British Institute of Plastics.

An increase in eye accidents reported in British industrial plants has led the Royal Eye Hospital in London to open a permanent museum, to teach workmen who come to the hospital more about eye hazards.

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

Who ate the first oyster? p. 409.

ASTRONOMY

What comets are expected next year? p. 408.

CHEMISTRY

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CLIMATOLOGY

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What is the prediction regarding next year's grasshopper crop? p. 408.

How are the shelterbelt plantings doing?

GENERAL SCIENCE

How can knowledge be likened to energy? p. 406.

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Why should scientists take part in solving social problems? p. 410.

MEDICINE

What do physicians think of insulin substitutes? p. 408.

What new method has made the transplantation of glands more successful? p.

MINERALOGY

What common drug has just been found as a natural mineral? p. 410.

PUBLIC HEALTH

How many Americans suffer from allergy? p. 408.

Why is parrot fever worrying the U. S. Public Health Service? p. 411.

According to Aristotle, ticks would not attach themselves to donkeys.

Epileptic sufferers will be forbidden to drive cars in California, if a proposed law aiming to reduce accidents is enact-

The Works Progress Administration has done improvement work at 169 of the 191 regular airline stops in the United States.

The thumb print of a prehistoric Indian left in a lump of clay found at Indian ruins in Arizona was recently examined by an officer of San Diego's police department.

Mistletoe grows in southern England, but not farther north in Britain.

A maple leaf 21 by 22 inches was entered last year in Canada's annual contest for the biggest and most beautiful maple leaves.

Heart diseases are the leading cause of death in the United States, but not for Indians—tuberculosis is their most deadly disease.

Poultry experts who want hens to lay eggs with thicker, and therefore stronger, shells find that thick shells are partly dependent on the hen's diet and partly on heredity.

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ELECTRIC SHAVERS

A good lawn mower will give you about as good a shave as some of the highly-touted electric shavers on the market! A number of models have, however, shown improvement over last year. This year's tests — which cover a number of new brands — show that out of 18 models one is rated as a "Best Buy". Ten are rated as "Not Acceptable". If you are teetering on the edge of buying an electric shaver, wondering whether it will give you as satisfactory a shave as an ordinary safety razor or wondering which shaver to buy, this report will help you decide.

1939 RADIOS Do the new 1939 models show any improvement over 1938 models? Is Mystery Control" worth the price? What's a good buy in a midget set? In a table model? In a console? Divided nto five price classifications ranging from under \$15 to more than \$100, over 30 models are rated as "Best Buys", "Also Acceptable", and "Not Acceptable".

1939 CARS A preview of the 1939 cars, this report discusses the new features, lists price changes and gives tentative ratings of 14 makes based on automotive experts' examinations. In a later issue complete ratings and technical data will be given. If you are contemplating the early purchase of a 1939 model car, you will do well to read this report.

FOUNTAIN PERS You can spend as much as \$10 for a fountain pen but a good deal less than this will buy you the best in writing quality and durability. 25 brands of fountain pens—including Waterman's, Sheaffer, Parker, Wahl and Esterbrook—are rated. Three are "Best Buys", six are "Not Acceptable".

GLOVES, etc. Also included in this issue is information designed to help you get the most for your money when buying GLOVES, a report on the results of tests on 17 brands of all-wool and part-wool blankets, and a report on leading brands of jams, preserves and marmalades.

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