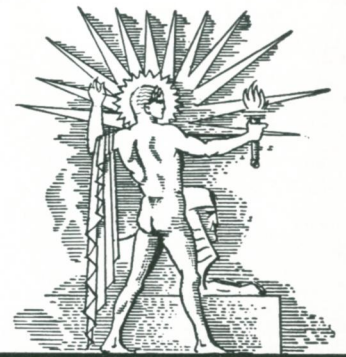
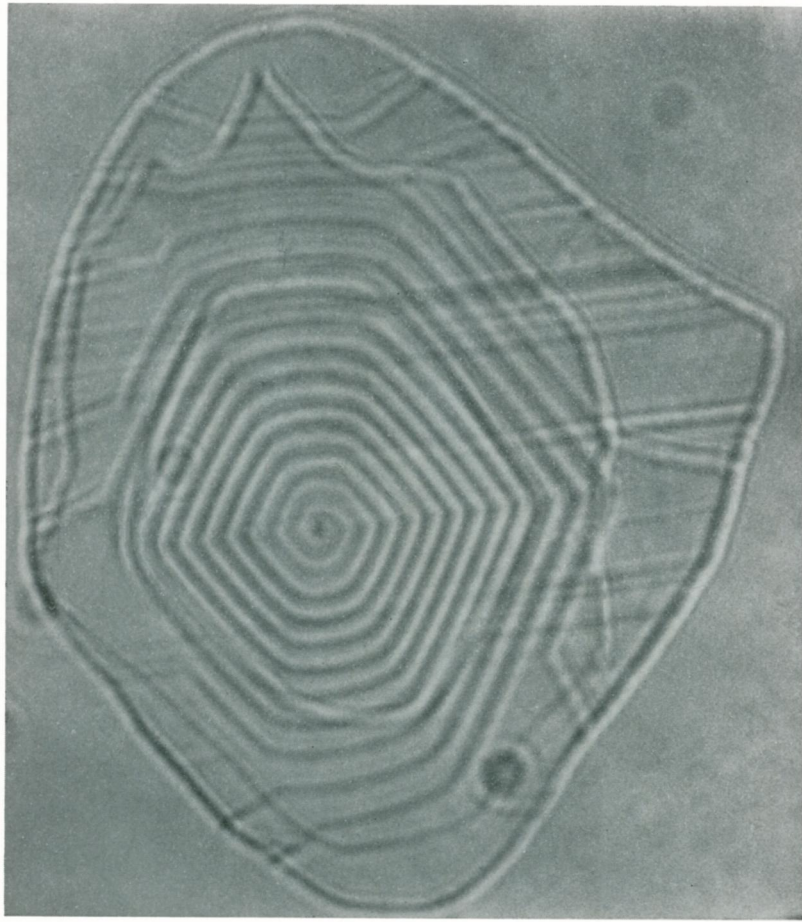


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



DECEMBER 12, 1936

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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

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## DO YOU KNOW?

A new kind of paint is intended to coat rusty surfaces, converting the rust into part of the pigment itself.

Wood contains two per cent vanillin, and a Canadian company will extract this flavoring substance by a new process.

As a preservative measure, air-conditioning has been installed in the U. S. Frigate *Constitution*, known to most of us as "Old Ironsides."

From studies of the U. S. Weather Bureau it has been found that atmospheric conditions producing fog may produce mirage as well.

Twenty-five Indian tribes are represented on the nine Government projects to improve economic conditions on the Shoshone Reservation, in Wyoming.

China's ancient crop, the soy bean, has gained such swift importance in the United States that it outranks corn in the grain market transactions on some busy days.

A big sea devil recently caught off the coast of California was 12 feet across and weighed 800 pounds.

One bite of the deadly amanita toadstool has been known to cause death in a child who picked and tasted the plant.

A British beekeeper believes he has found a way to get honeybees to make their combs inside half-pound bottles and fill them with honey.

Railroads are interested in a new type of box car made of alloy steel and weighing about 8,000 pounds less than the present standard car.

A safety device for airplanes is an alarm that goes off when the carbon monoxide concentration from the engine goes beyond 0.02 per cent.

A new rust-proof steel reported from Germany is said to resist acids that ordinarily occur in foods, and therefore is useful in manufacture of knives and forks, casseroles, trays, and similar articles.

## WITH THE SCIENCES THIS WEEK

Most articles are based on communications to Science Service or papers before meetings, but where published sources are used they are referred to in the article.

## ARCHAEOLOGY

Did dogs have a place in the ancient Egyptian's heaven? p. 376.

Did Stone Age man make music? p. 380.

## ASTRONOMY

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## BIOCHEMISTRY

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## BIOLOGY

What kind of fish has only males among its young? p. 372.

## CHEMISTRY

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How many kinds of plastics are in common use? p. 374.

Why is coal waxed? p. 377.

## ENGINEERING

Are jade and malachite and jasper ever used for road paving? p. 378.

## MEDICINE

Can people generally be vaccinated against yellow fever? p. 381.

What is the new hope of the Hapsburgs? p. 375.

What is the new weapon against rabies? p. 376.

Why does the U. S. Government hold a patent on morphine? p. 372.

## METEOROLOGY

Is it colder aloft? p. 372.

## PHYSICS

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## PHYSIOLOGY

Can dead animals be brought to life? p. 373.

## PLANT PHYSIOLOGY

How can fruit be produced with pollination? p. 371.

## PSYCHOLOGY

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## PUBLIC HEALTH

Should a workman use his handkerchief in removing dirt from another's eye? p. 377.

## RADIO

Does use of radio ever imperil lives? p. 375.

## TECHNOLOGY

What happens when coal is heated for coking? p. 373.

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