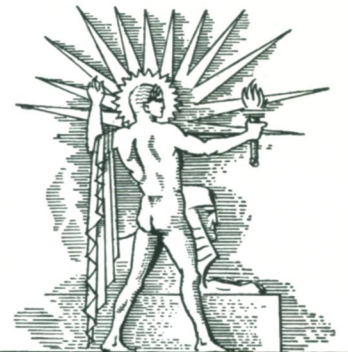
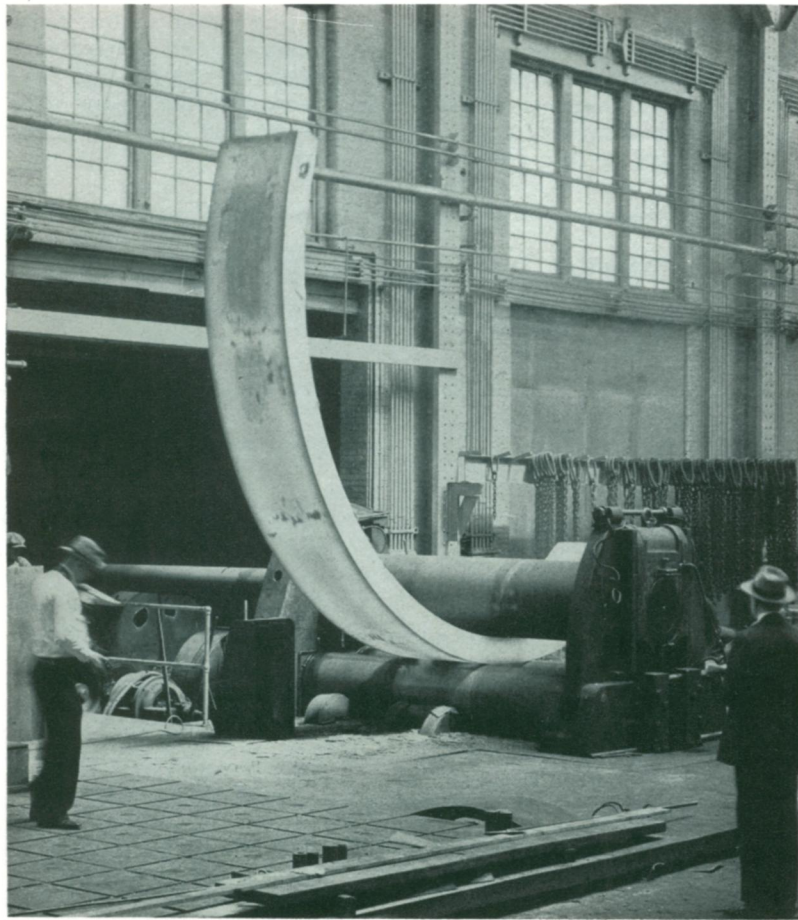


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



JANUARY 26, 1935

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SCIENCE SERVICE PUBLICATION

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## DO YOU KNOW?

Government chemists have found a cheap way of fireproofing canvas.

In six years, Moscow has had 1,630,000 people added to its population.

The quick freezing method of preserving American cheese is being tried with encouraging results.

Canadian scientists are testing ways of tanning buffalo skins, for use in coats and robes.

Jamestown Island, site of Captain John Smith's colony, is being explored systematically for historic relics by National Park Service archaeologists.

Navaho weavers are finding it harder to sell rugs and blankets decorated with the old Indian swastika symbol, which is also symbol of Nazi Germany.

Tropical palms produce over a billion pounds of palm sugar each year.

All maples have sweet sap, but some species contain too little sap or sugar to be worth tapping.

The milk industry may yet use airplanes to transport its product to city markets, predicts one agricultural economist.

Bamboo shoots grow with almost magic speed, but only after a grove is ten years old or older and the underground growth is established.

One indoor weather expert says that a room is best adapted for human use when the temperature is 68 degrees Fahrenheit, the relative humidity 40 to 50 per cent., and the air in slow circulation.

## 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 articles.

## AERONAUTICS

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## ARCHAEOLOGY

What ended the Norse colony in Greenland? p. 57.

## ASTRONOMY

How can you photograph a solar eclipse? p. 58.

Why are astronomers hurrying in their study of Nova Herculis? p. 60.

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## BIOLOGY—AVIATION

What did Col. Lindbergh catch with "sky hooks"? p. 52.

## CONSERVATION

What is a Mexican "armada"? p. 57.

Are we abusing our water resources? p. 62.

## ECOLOGY

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## ENTOMOLOGY

Must mosquitoes always bite? p. 56.

## GENERAL SCIENCE

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## GEOGRAPHY

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## ICHTHYOLOGY

Can guppies live in salt water? p. 55.

## INVENTION

Is it always necessary to lick an envelope? p. 62.

## MEDICINE

What heart diseases are due to wrong nerve action? p. 60.

## METEOROLOGY

Where do dust storms threaten now? p. 57.

## PHYSICS

How could a 600,000,000,000 electron volt cosmic ray be produced? p. 52.

What explains the "latitude effect" in cosmic ray intensity? p. 53.

## PHYSICS—BACTERIOLOGY

How can light be used to measure mass growth of bacteria? p. 54.

## PHYSIOLOGY

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Does a long fast make you hungrier? p. 56.

## PLANT PATHOLOGY

What is killing the eel-grass? p. 55.

## PLANT PHYSIOLOGY

How hard is rising sap pulled? p. 54.

## PSYCHOLOGY

What is the significance of the twin-training experiments? p. 61.

## PUBLIC HEALTH

How were health conditions in a Tennessee county improved in recent years? p. 56.

## PUBLIC SAFETY

How many fatal accidents were there in 1934? p. 62.

## SEISMOLOGY

Was the Grand Canyon of Arizona formed by earthquake action? p. 57.

## VITAL STATISTICS

Which has the lower birthrate, France or Germany? p. 56.