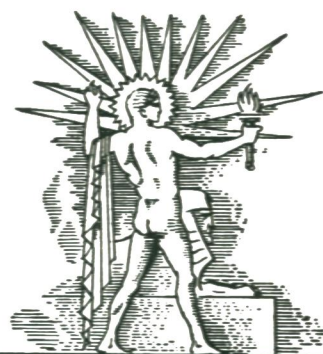
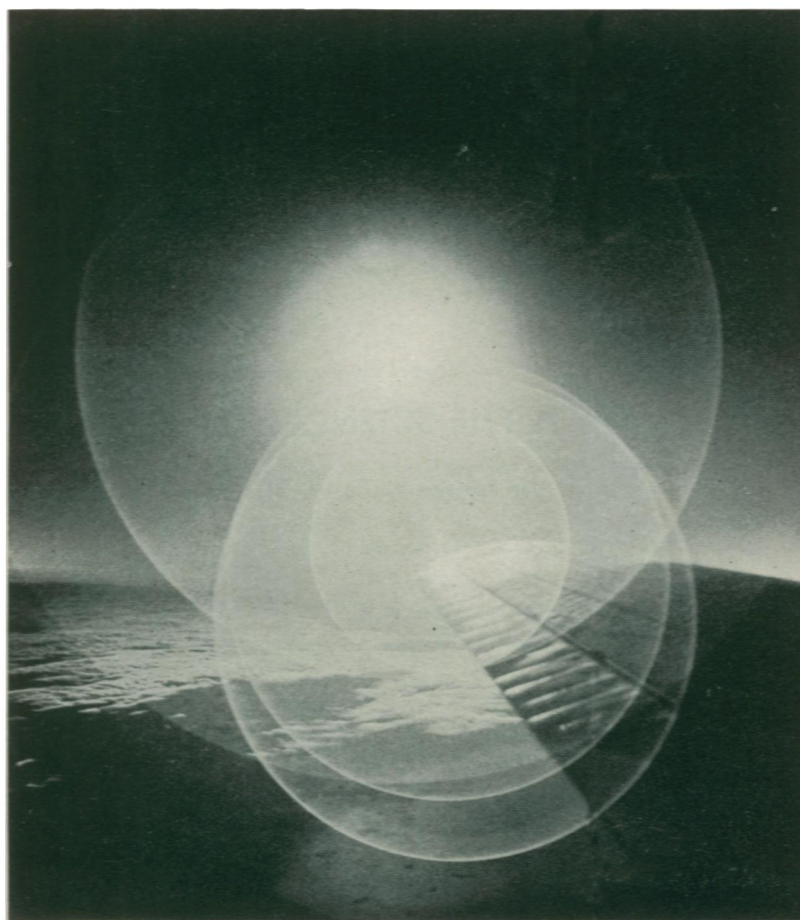


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



July 3, 1937

Eclipse Pyrotechnics

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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

# SCIENCE NEWS LETTER

Vol. XXXII



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## DO YOU KNOW?

The most stiffening starch can be made from cannas.

Cow's milk contains more vitamin D in summer than in winter.

Daylight saving is now used in summer by 30 million people in the United States.

Feathers of the indigo bunting look brown under a microscope, but when the bird flies they look blue.

It takes more oil to lubricate motor vehicles in the United States than to keep industrial machinery running.

A new device to measure the vibration of airplane parts can be used to set up artificial vibrations in any part of the plane.

The famous rock profile of the Old Man of the Mountains in New Hampshire needs repairs with cement and iron work, to keep the rock of the forehead from slipping.

The sense of smell is rated the most primitive of the special senses.

The Soviet Union is now producing almost as much gold as South Africa.

Nearly half of the cases of whooping cough occur in children under two years old.

Air conditioning of buildings is causing an increased demand on public water supplies.

A new kind of electric light wall plug is set at an angle, so that the cord will lie close along the wall.

A new Chicago department store has in its walls bands of glass block, which can be turned into bands of color at night by lighting inside the building.

Psychologists find that small brothers and sisters are most apt to be jealous of one another if there is from one and one-half to four years difference between their ages.

## 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.

### ANTHROPOLOGY

Were there "race problems" in the Old Stone Age? p. 8.

### ASTRONOMY

What is peculiar about the setting of a telescope near the equator? p. 3.

Why couldn't you get a drink on Mars? p. 4.

### ASTRONOMY—GEOLOGY

How old are meteorites? p. 4.

### ASTRONOMY—PHOTOGRAPHY

Where was the most unique eclipse picture taken? p. 8.

### AERONAUTICS

What new way is proposed for exploring the stratosphere? p. 5.

### COSMOLOGY

How big was space "in the beginning"? p. 3.

### CRYPTOGRAPHY

What did diplomats use for "invisible ink" in 1776? p. 6.

### ENGINEERING

Where is steam holding its own? p. 13.

### ENTOMOLOGY—PHYSICS

How can you hear an insect eat? p. 9.

### GENERAL SCIENCE

What form of social organization can make most profitable use of science? p. 3.

How large is a book page on a microfilm? p. 5.

### MARINE BIOLOGY

What is the giant Japanese crab used for? p. 11.

### MEDICINE

What new instrument is used for measuring nervousness? p. 4.

What new treatment offers hope in child-bed fever? p. 9.

What occupational disease also threatens the heart? p. 10.

What new value has been found in milk? p. 12.

### ORNITHOLOGY

What kinds of places do eagles prefer for nesting sites? p. 14.

### PALEONTOLOGY

What kinds of animal fossils have been found near Boulder Dam? p. 9.

### PHYSICS

How can freezing help clean wool? p. 9.

### PHYSIOLOGY

How can rats be made too fat? p. 9.

### PSYCHOLOGY

What women stand best chances of remaining happily married? p. 8.

### PUBLIC HEALTH

How are trailers a menace to health? p. 12.

Where can dust be used to help health? p. 13.

### SOCIOLOGY

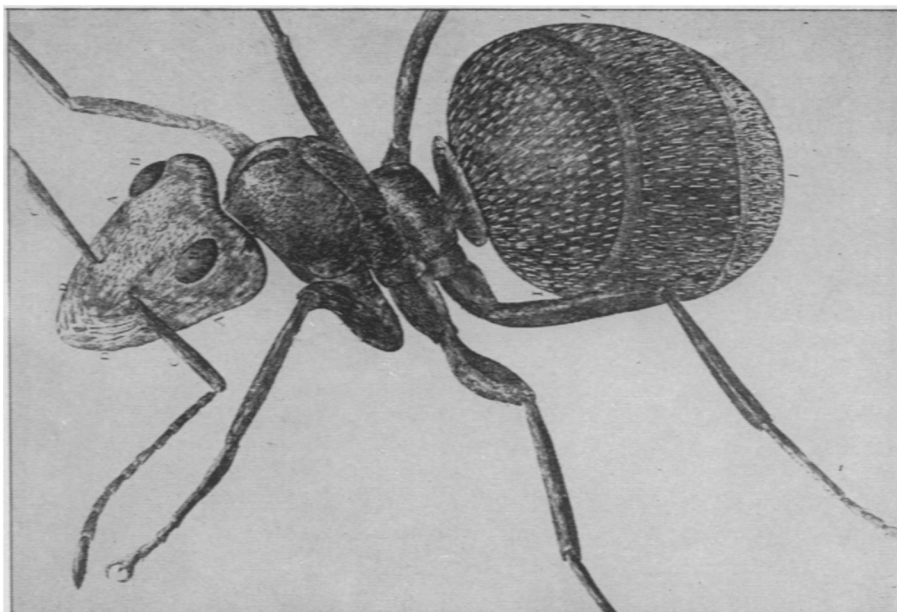
In what states have child marriages been forbidden? p. 13.

### ZOOLOGY

What nearly doomed animals seem to be coming back? p. 8.

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