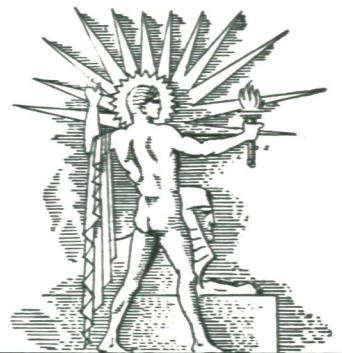


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



JANUARY 9, 1937

President A.A.S.

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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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## Current Science

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## DO YOU KNOW?

Half of the victims of firearms in hunting accidents are youths in their teens.

The government of Peru has had sodium lights installed along the highway connecting the cities of Lima and Callao.

A number of American milk cows may be sold in Venezuela due to the program inaugurated by the Government there for elimination of tuberculous milk cattle.

Potatoes if stored with certain fruits such as apples or pears do not sprout so quickly; but the fruit may lose some of its flavor by association with the potatoes.

A Yellowstone Park ranger has seen bears swallow pine needles before hibernating, presumably so that the mass of needles may keep off hunger pangs in an empty stomach.

After burying 6,500 non-ferrous pipe materials in the ground to test the effect of soils on various kinds of pipe line, a government scientist reported that no one material seemed superior to all others.

Tribes in Madagascar weave cloth from silk of wild silkworms.

Dental plates were first patented in the United States on August 28, 1840.

There was no symbol in the arithmetical scheme of the ancient Greeks to denote zero.

A naturalist reports that he can collect a variety of insects from the stomachs of trout.

Two stainless steel streamlined buses, completely air-conditioned, are being built for service on the Syrian Desert.

Experiments by government scientists show that the gizzard of a chicken is a food grinder but not a digesting organ.

To reforest denuded areas in Yellowstone Park, more than a half-million seedlings are being grown in a nursery in the park for transplantation.

A new government process for drying egg white more quickly and effectively is expected to prove useful to bakers, candy makers, and other food industries which use 1,500,000 pounds of dried egg white a year.

## 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

Did ancient Indians suffer from tuberculosis? p. 29.

### ASTRONOMY

Of what does the Orion Nebula consist? p. 24.

What new elements have been found in the sun? p. 26.

### BACTERIOLOGY-MEDICINE

Has the whoop of whooping cough been caught in a test tube? p. 30.

Will wine some day be pasteurized? p. 30.

### BIOLOGY-ENTOMOLOGY

What has the moon to do with blind staggers? p. 22.

Which end of an animal comes out of an anesthetic first? p. 23.

### BIOLOGY-MEDICINE-CHEMISTRY

Is a filterable virus alive? p. 19.

### BIOPHYSICS

How is a virus like a gene? p. 25.

### CHEMISTRY

How are invisible oil films on water made visible for study? p. 27.

Is it possible to separate chlorine isotopes by chemical methods? p. 24.

What new chemical is a cause of cancer? p. 26.

### GENERAL SCIENCE

What honor was awarded to Watson Davis? p. 28.

### MATHEMATICS

Can beauty be expressed in a mathematical formula? p. 21.

### MEDICINE

Does yeast replace any of the functions of the pituitary? p. 23.

How can fatal blood clots be prevented in future? p. 31.

Is there a connection between the glands and cancer? p. 23.

On what nourishment does the cancer cell thrive? p. 24.

### PHYSICS

Who is a new proponent for the ideas of James Clerk Maxwell? p. 21.

### POPULATION

Is mankind likely to seek its own destruction? p. 29.

### PSYCHOLOGY

Do infants have instinctive fear of loud noise? p. 25.

What plans are being made to study Americans' attitudes toward fascism and communism? p. 26.

### PSYCHOLOGY-PHYSIOLOGY

Is there a closed circuit connecting different parts of the brain? p. 27.

### RADIO

How long are the shortest continuous radio waves ever produced? p. 24.

### ZOOLOGY

On what does a baby whale feed? p. 25.