# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





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Headed for Stratosphere

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# SCIENCE NEWS LETTER

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# DO YOU KNOW?

Onions can produce more of their tear-wringing oil when grown in hot temperatures.

Iron alloys are among the newest and most striking materials used in decoration of buildings.

Fighting the recent malaria epidemic in Ceylon, over 14 tons of quinine were used in six months.

A Russian sculptor is designing a group representing Stone Age people of China 400,000 years ago.

An astronomical observatory which once stood on Mont Blanc is abandoned, but a weather station is still maintained on the upper slope.

Government scientists who studied Turkish towels reported that thick, heavy towels wear longest, but lighter weight towels dry the skin faster.

Pocket gophers are multiplying alarmingly on eastern Montana stock ranges.

Nine out of ten of India's inhabitants depend entirely on agriculture for their

India has about forty studios making moving pictures in various Indian lan-

By pasteurizing certified milk, it is possible to obtain fluid milk that is practically sterile, one company reports.

A new vaccine which promises to prevent sleeping sickness in horses is being tested by the U.S. Bureau of Animal Industry.

Since the European War, there has spread in Great Britain an ultra-mild form of smallpox, called "variola minor," which is described as not being fatal, disfiguring nor loathsome.

## 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.

#### AERONAUTICS

How fast can rockets travel? p. 5.

#### ASTRONOMY

How far back does the 23-year cycle of solar activity date? p. 8.

#### BACTERIOLOGY

What discovery throws new light on tuber-culosis? p. 4.

In what way does chemistry aid the farmer?

#### ENGINEERING

What new use has been found for olive oil?

#### GENERAL SCIENCE

How much have the foundation grants for science been curtailed? p. 14.

#### LINGUISTICS

Is the Bostonian losing his accent? p. 7.

#### MEDICINE

Can sodium alum aid in preventing infantile paralysis? p. 6.

Can the virus of encephalitis be kept alive outside animal bodies? p. 8.

Is infantile paralysis vaccine considered dangerous? p. 7.

What are the key points in the body's defense against infantile paralysis? p. 6. What disesse is now thought to be relieved by vitamin C? p. 9.

What new antidote has been found for the barbiturate sleeping powders? p. 3.

What new possibility is there for a cure for the white plague? p. 5.

#### PHYSICS

How large is the universe? p. 8.

#### PHYSIOLOGY

How can iodine be included in the diet? p. 4. What is being learned from research on the sympathetic nervous system? p. 13.

What is the basilar membrane in the ear like in shape? p. 11.

#### PLANT PHYSIOLOGY

What chemicals produce both cancer in man and rumors in plants? p. 8.

Why has an apple tree been put in a glass house? p. 11.

### PSYCHIATRY

Will brandy bring patients out of a stupor?

#### **PSYCHOLOGY**

How much of the American's food bill really goes to satisfy hunger? p. 12.

#### PUBLIC HEALTH

Will 1936 be a good year for health? p. 10.

Do we receive radio signals from the Milky Way? p. 15.

Does the artificial fever machine cause trouble to radio receivers? p. 9.

How can radio waves act as a burglar alarm?. p. 14.

#### SEISMOLOGY

How can earthquakes be reproduced for study in the laboratory? p. 3.

#### ZOOLOGY

What animal can "see" light with its entire body surface? p. 9.