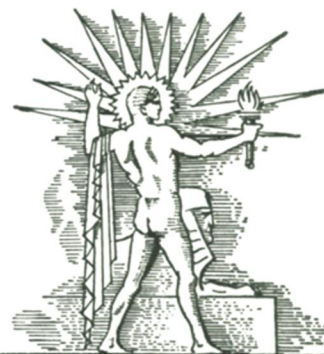


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Rare Survivors of Captive Breeding

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DO YOU KNOW?

Celluloid was something new in 1869.

At least 2,500,000 persons in the United States suffer from hay fever.

The explorer Rasmussen once drove 94 miles with dog sledges in one day.

An albino buffalo was born this spring on the National Bison Range in Montana.

The recent flight over Mount Everest has shown the existence of two previously unknown glaciers.

Scientists report that a new disease of tobacco, brown root rot, can be controlled by rotating crops.

Canned baked apples add another ready-to-serve food to the rapidly growing list offered to customers.

Ancient Egyptian writings on leather, heretofore unreadable, have been brought back to visibility by infra-red photography.

At a hospital for animals in New York City, 50 per cent. of the operations are for removal of tumors and a third of these prove to be cancer.

Giant hailstones sometimes weigh several pounds.

It is 150 years—1783—since the first balloon flight was made.

About two-thirds of the hay fever cases occur in the fall.

It is estimated that 35 per cent. of all night accidents are due to poor light.

Some varieties of banana leaves are so waxy that they are used for waxing floors.

In the Far East, frozen cream drinks were popular as long ago as the fifth century BC.

An iceberg more than 60 miles long was sighted in the Antarctic in 1930 by explorers.

On the island of Madagascar, babies born on unlucky days were destroyed, until about fifty years ago.

Ants on peony buds are not destructive, but are merely gathering the sweet liquid exuded by the buds.

Vienna's weather history includes one hailstorm that broke a million window panes in a few minutes.

WITH THE SCIENCES THIS WEEK

AGRICULTURE

How large is a banana seed? p. 39. *The Banana—Philip Keep Reynolds—Houghton Mifflin, 1927, \$2.*

Where are grasshoppers at their worst? p. 41.

ASTRONOMY

How dense is the companion of Sirius? p. 47. *Astronomy for Everybody—Simon Newcomb—Garden City, 1932, \$1.*

AVIATION

How many altitude laboratories are there in this country? p. 38.

How will motors be tested for Department of Commerce certificates? p. 37.

BIOLOGY—GEOLOGY

What is Wallace's Line? p. 42.

BOTANY

How can the rate of flow of sap be measured? p. 44.

ENGINEERING

Were prehistoric Indians right in their engineering tactics? p. 44.

ENTOMOLOGY

How many legs has a spider? p. 41.

GENERAL SCIENCE

What is the Government expenditure for war likely to be during this year of peace? p. 35.

GENETICS

How can heredity of mental disease be demonstrated? p. 40. *Heredity in Man—R. Ruggles Gates—Macmillan, 1929, \$6.*

GEOLOGY

What National Academy member is lost to Government service through "economy?" p. 36.

MEDICINE

What kind of fertilizer will prevent goiter? p. 46. *Goiter Prevention and Thyroid Protection—Israel Bram—F. A. Davis, 1928, \$4.*

PHYSICS

How is the size of a squashy rubber article measured? p. 45.

What research was being done in Uncle Sam's only photographic research laboratory? p. 37.

With what may the energy of cancer treatment radiation be compared? p. 40.

PHYSICS—BOTANY

How has measurement of "M" rays been accomplished? p. 40.

PHYSIOLOGY

What causes airsickness? p. 40.

PUBLIC HEALTH

Why are Government scientists finding it necessary to spend time washing test tubes? p. 36.

These curiosity-arousing questions show at a glance the wide field of scientific activity from which this week's news comes. Book references in italic type are not sources of information of the article, but are references for further reading. Books cited can be supplied by Book Dept., Science News Letter, at publishers' prices, prepaid in the United States.