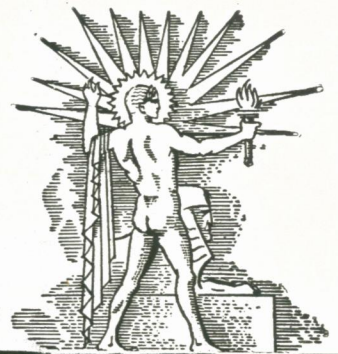


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THE WEEKLY SUMMARY OF CURRENT SCIENCE



JULY 28, 1934

Finds Monsters of Long Ago

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DO YOU KNOW?

By 1976 England's population of 38 million is expected to decrease to 33 million.

The world's most northerly port is being constructed in Siberia at the mouth of the Lena River.

Tarnish can be cleaned from copper and brass by using buttermilk, says Cornell University's home economics department.

Philadelphia's Symphony Orchestra is now equipped with aluminum chairs, which are light and durable and noiseless during the playing.

Thirty Danish pigs, each with a carefully kept family history, have been imported for comparison with the best breeds of American pigs.

There is no truth in the old rumor that cucumbers contain a poisonous juice, and the supposed remedy—soaking them in salt water—merely wilts and toughens the cucumbers.

Of the 92 known chemical elements, 17 have not yet been found in the free state.

The new Everglades National Park will be about twice the size of the state of Rhode Island.

A botanist of the University of Cincinnati, Dr. Lucy Braun, is pioneering in studies of forest conditions in southeastern Kentucky.

As long ago as 1868, Westminster, England, tried out a red and green traffic signal in the form of a gas lamp and used only at night.

A pair of bald-headed eagles are reported to have made their nest in the abandoned lighthouse tower in Cockspur Island, in the Savannah River.

The government warns farmers that poisonous plants are a special hazard for livestock in the drought area this year, for hungry cattle will eat even unpalatable food.

WITH THE SCIENCES THIS WEEK

ARCHAEOLOGY

How did Indian artists represent loud voices? p. 57.

ASTRONOMY

What will protect the Mt. Locke observatory against damage from earthquakes? p. 53.

ASTRONOMY-METALLURGY

Can steel wool be used on a telescope mirror without great harm to the surface? p. 63.

BACTERIOLOGY

Is bacteriophage alive? p. 60.

CHEMISTRY

What causes dyes to fade in sunlight? p. 57.
What is bohemia? p. 54.

ECOLOGY

Why do plants grow tall in the desert? p. 55.

ENGINEERING

How powerful is the Boulder Dam power project? p. 56.

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GENERAL SCIENCE

How many German university students have been compelled to quit their studies? p. 57.

MEDICINE

Is cancer infectious? p. 53.
Is heredity alone responsible for development of diabetes? p. 55. *Diabetes—Benjamin F. Smith—Appleton, 1930, \$2.*

What change in the blood occurs before death? p. 62. *The Clinical Interpretation of Blood Examinations—Robert A. Kilduffe—Lea & Febiger, 1931, \$6.50.*

What is the function of the parathyroid glands? p. 58. *Recent Advances in Endocrinology—A. T. Cameron—Blakiston's, 1934, \$3.50.*

What new remedy is being made for chronic infectious arthritis? p. 61.

PALEONTOLOGY

What makes the assembling and restoring of fossil bones difficult? p. 51. *Vertebrate Paleontology—Alfred S. Romer—Univ. of Chicago, 1933, \$5.*

What rare footprint was found on U. S. Highway 111? p. 57.

PHYSICS

Do the sun's rays cause the rise in temperature of the upper stratosphere? p. 62.

What gives a violin a fine mellow tone? p. 52.

PHYSIOLOGY

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Where were the centers of the recent earthquakes? p. 54.

ZOOLOGY

Do bears shed tears? p. 56.

Was the dragon always brave? p. 61.

Why do whales never rest on the surface of the water? p. 56.

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 for the article, but the references for further reading. Books cited can be supplied at Book Department, Science News Letter, at publishers' prices, postpaid in the United States.