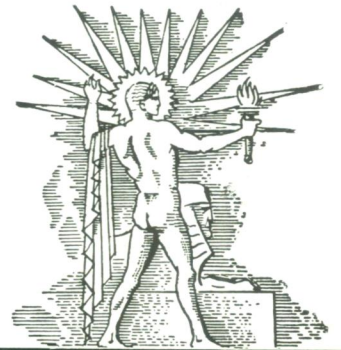


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THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



JUNE 16, 1934

Photographer's Nightmare

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DO YOU KNOW?

Cotton is grown in more than sixty countries.

In one family, 37 pairs of twins were recorded in five generations.

Government experiments have been made to find the best quality of paper for making books for the blind in raised Braille type.

An applause-meter has been devised and used experimentally to gauge the popularity of actors in amateur theatrical contests.

Experiments at the Coal Research Institute at Mühlheim have progressed so far that a large plant for the liquefaction of coal is to be erected in the Ruhr district.

A complete library of literature on the potato is the aim of L. T. Denniston, plant specialist of Pennsylvania State College, whose collection includes some of the earliest books on the potato.

Diesel locomotives are to be given a trial in India.

Eskimo children have a greater variety of toys than children of Indian tribes, says Dr. Paul S. Martin, archaeologist.

A British expedition will make archaeological studies in Burma and Siam, in a region which may shed new light on early civilization.

Improved oil burning refrigerators are attracting interest in small towns and on farms in the Dakotas where electricity is not available.

The propagation of diamond-back terpin by the U. S. Bureau of Fisheries in North Carolina is reported to be very successful this year.

At the Hot Springs National Park, Arkansas, both hot and cold water flow from the same formations and under similar geological conditions.

WITH THE SCIENCES THIS WEEK

AGRICULTURE

What is the main article of diet in Mexico? p. 372.

ARCHAEOLOGY

How did the Hittites beautify their goddesses? p. 371.

How did the Mayas beautify their smiles? p. 381.

How is the mountain of Aegina thought to predict rain? p. 375.

What rare treasure was mistaken for coffin handles? p. 376.

BOTANY

What can you do for ivy poisoning? p. 381. *Rhus Dermatitis*—James B. McNair—Univ. of Chicago, 1923, \$4.

CHEMISTRY

What gas is found both in distant stars and in street signs? p. 376.

CONSERVATION

What use of the airplane is banned in Africa? p. 380.

DENTISTRY

How can radio jazz remove the pain from dentistry? p. 377.

ECOLOGY

What do native plants survive droughts? p. 373. *The Plant in Relation to Water*—N. A. Maximov—Macmillan, 1929, \$6.50.

ENGINEERING

How can engine odor be avoided in an automobile? p. 380.

What is the hardest metallic substance? p. 377.

ENTOMOLOGY

What regions are badly hit by grasshoppers? p. 383.

EUGENICS

Which trait of man has the greatest importance biologically? p. 377.

FORESTRY

What is the latest menace to the trees of New England? p. 377.

MEDICINE

What good are tonsils? p. 376. What is used for protection against infantile paralysis? p. 376. *Communicable Disease Control—White House Conference on Child Health and Protection—Century*, 1931, \$2.25.

PALEONTOLOGY

Next to the whale, what was the largest mammal that ever lived? p. 375.

PHOTOGRAPHY

How long did it take to build the largest precision camera? p. 372.

PHYSICS

How can the existence of element No. 93 be verified? p. 371.

To what practical use may transmutation be put? p. 372.

PHYSIOLOGY

Does reduction of sleep affect the higher mental centers? p. 383.

Why can't a spider grow as big as a horse? p. 378. *The Biology of Insects—George H. Carpenter—Macmillan*, 1928, \$6.50.

PSYCHOLOGY

What has the rapid flow of milk to do with the future habits of an infant? p. 376.

Do quintuplets necessarily look alike? p. 379.

PUBLIC HEALTH

What disease is confused with appendicitis? p. 382.

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 by Book Department, Science News Letter, at publishers' prices, prepaid in the United States.