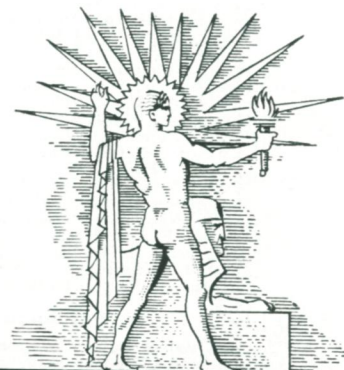


# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



JULY 23, 1932

New Flame From Billions of Particles

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Sample Copy

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## DO YOU KNOW THAT

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Book-binding with rubber latex is now considered feasible.

A supposed ruined city in the Arabian Desert, explored by H. S. Philby, proved to be a series of meteoric craters.

The lookdown, a fish of southern waters, might well be called the prize-fighter in view of its underslung jaw and the angles of its face.

In 1929, Japan sent 16 million yards of rayon goods to India; in 1930, she sent 33 million, and in 1931, 72 million.

Experiments at Cornell show that vegetables on roadside stands keep fresh longer if displayed on a rack sprayed with a fine mist of water.

Lamps, radios, and other electrical devices can be automatically turned on or off by a combination electric clock and time switch which uses a self-starting, slow-speed motor.

Pitcher plants, which hold water, are chosen by some kinds of mosquitoes as breeding places.

China's reputation for having rich mineral resources is not borne out by scientific surveys.

Strawberries, which are 90 per cent. water, are valuable as food chiefly because of the iron and vitamin C they contain.

Up to 1900, most gladioli grown in American gardens came from Europe; today 60 per cent. of the varieties on the market are of American origin.

During the Spanish-American War, one American soldier in five contracted typhoid fever; whereas in the World War there were almost no cases.

A memorial column to Admiral Peary, discoverer of the North Pole, will be erected in Greenland by the Greenland Expedition of the University of Michigan.

## WITH THE SCIENCES THIS WEEK

Curiosity arousing questions for the teacher and general reader. Book references in italic type are not sources of information of the articles, but are references for further reading. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

## AERONAUTICS

Why will the handling of big airships at Lakehurst, N. J., soon become a safer and more efficient operation? p. 47

## ARCHAEOLOGY

How does Pliny say the ancients made face powder? p. 48  
What is the oldest, dated ruin in the southwestern part of the United States? p. 52

## CHEMISTRY

Does the vitamin content of spinach vary with the shade of leaf? p. 48

## CHILD STUDY

Do children grow uniformly or by leaps and bounds, p. 52

## ENGINEERING

How can a drop of fuel oil be broken up into 100,000,000 particles? p. 52  
Which exerts the greater influence on the design of today's automobiles—precedent or scientific efficiency and economy? p. 47

## ENTOMOLOGY

Does a wasp-nest contain many workers in the fall? p. 53  
Where are the butterfly's organs of taste? p. 52

## GENERAL SCIENCE

Which can stand hot weather better—men or dogs? p. 50

## GEOGRAPHY-BOTANY

What are American Boy Scouts doing on the 12,000-foot high volcano in Costa Rica? p. 56

## MEDICINE

Can fruit flies be made to fly about in zero weather? p. 49

## ORNITHOLOGY

Does raising bobwhites in captivity pay? p. 58. *The Bobwhite Quail—Stoddard—Scribner's*, 1931, \$6.

## PALEONTOLOGY

The bones of what animals were found with the recently discovered *Homo primigenius* in Hungary? p. 51

## PHOTOGRAPHY

What is the width of the new amateur motion picture film when it is ready for projection. p. 56

## PHYSICS

Is the speed of light changing? p. 53

## PHYSIOLOGY

How can you add to your height? p. 48

## PSYCHOLOGY

Where are unemployed persons being tested and evaluated by psychological methods? p. 47. *Readings in Industrial Psychology—Moore and Hartman—Appleton*, 1932, \$5.

## PUBLIC HEALTH

Do micro-organisms travel through the air? p. 58. *Communicable Disease Control—White House Conference—Century*, 1931, \$2.25.

How does an alfalfa field apparently prevent malaria? p. 53

Where has treatment of drug addiction according to the Bancroft theory been found ineffective? p. 57

## RADIO

At what cost can a good "personal radio-telephone" be built? p. 49. *The Radio Amateur's handbook—Collins—Crowell*, 1930, \$2.

## ZOOLOGY

How does a curious species of frog in Mexico fly? p. 51