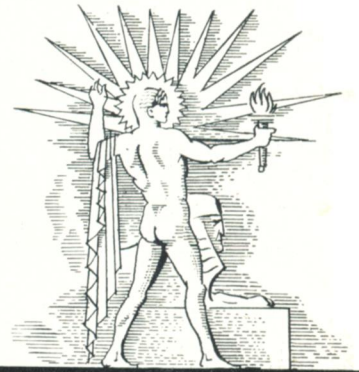
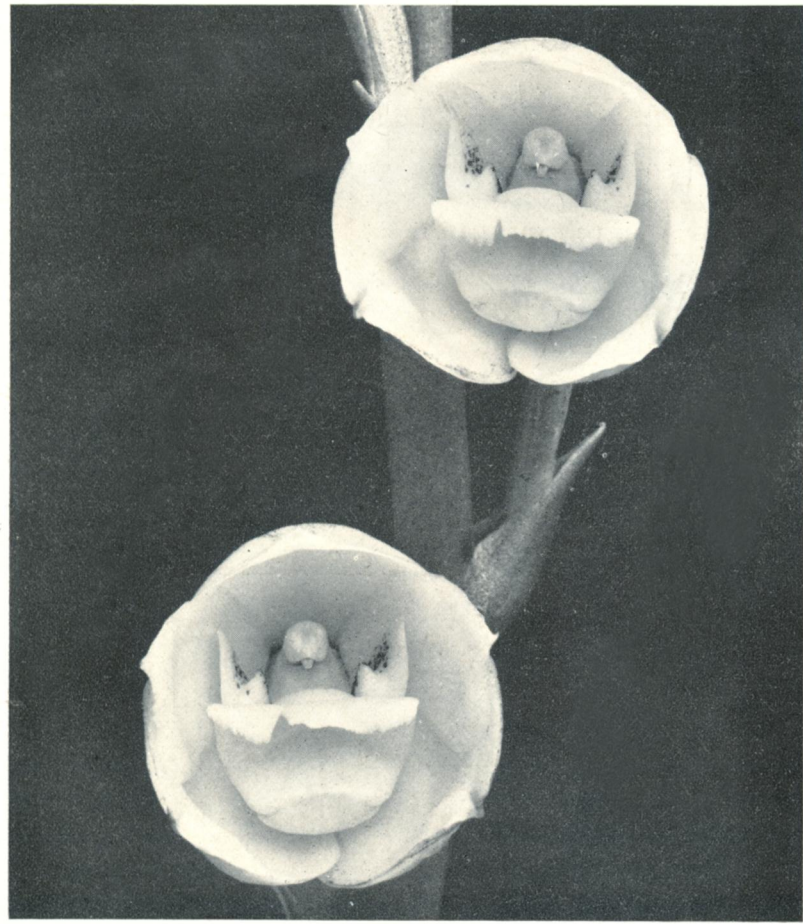


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE •



MAY 14, 1932

In the Form of a Dove

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DO YOU KNOW THAT

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It has been suggested that legal battles over wills would be fewer if wills were recorded in the form of talking movies, with the testator reading the bequests and witnesses standing by.

A method of pre-shrinking fabrics, so that they do not shrink in laundering, is one of the newer developments in the textile industry.

More than 3,000 varieties of soy beans were gathered by a Government plant explorer in the Far East, in order to find kinds suitable to the United States.

The homicide death rate in this country has risen from 5.01 per 100,000 population in 1900, to 10.8 in 1931, says Dr. Frederick Hoffman, statistician.

Scientists at the University of California are seeking a serum to fight the virus disease which has killed 6,000 horses and mules in California in two years.

The useful discovery of a process for making rubber stick to metal was an accidental "byproduct," when chemists who were trying to use a new thermoplastic material for hard molded articles were repeatedly handicapped by the material sticking to metal when hot.

A Swedish metallurgist has produced a new aluminum alloy called chromal, which contains chromium, manganese, and nickel, and which is expected to be useful in airplane construction.

China is one of the few great countries where airplanes have come into use for commercial transportation before adequate railway systems were developed.

Grapefruit from Palestine are coming into the German market.

New, nameless waterfalls are appearing almost daily in Yosemite National Park, caused by the melting in the higher country of the heaviest snow-cover in sixteen years.

WITH THE SCIENCES THIS WEEK

CURIOSITY-AROUSING questions are prepared concerning the most interesting and important news in each issue. These questions should be a mental stimulant for the adult reader and a boon to the teacher who uses the Science News Letter to add zest to her classroom instruction.

Book reference in italic type is not the source of information of the article, but a reference for further reading on the subject of the article. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

ANTHROPOLOGY

What step was taken by the successor of the Neanderthal men? p. 313. *Source Book in Anthropology*—A. L. Kroeber and T. T. Waterman—Harcourt, Brace, Rev'd. ed., 1931, \$3.75.

ARCHAEOLOGY

What is the setting of the newly-discovered Mayan throne? p. 308. *The History of the Maya*—Thomas Gunn and J. Eric Thompson—Scribner's, 1931, \$2.50.

AVIATION

What eliminated carbon monoxide from passenger compartments of Navy planes? p. 304

BACTERIOLOGY

In what way do typhus and spotted fever germs grow differently? p. 308
What are the advantages of vaccines made with exploded bacteria? p. 304

ENTOMOLOGY

Where will the grasshopper outbreak be most serious this summer? p. 311. *The Insect Menace*—L. O. Howard—Century, 1931, \$3.50.

ICHTHYOLOGY

Who is the king of freshwater fishes and why? p. 315

MEDICINE

During hay fever, as described by Bostock, at what high rate does the pulse sometimes beat? p. 310
What are the two theories regarding the life of the fungus which causes a disease of the tongue? p. 308

METEOROLOGY

How much will the ocean level be raised by the melting of the great ice caps? p. 311

PALEONTOLOGY

How large was the Diplovertebron? p. 303
What does an aardvark look like? p. 309

PHYSICS

What may the cosmic radiation be considered like? p. 308
In the bombardment of lithium, how often is power liberated? p. 303. *The Romance of the Atom*—Benjamin Harrow—Boni & Liveright, 1927, \$1.50

PHYSIOLOGY

By what means can doctors measure blood flow without opening a vein? p. 312

PLANT PHYSIOLOGY

What gases are present in the inner atmosphere of a tree and in what proportions? p. 309

PSYCHIATRY-VITAL STATISTICS

Of a thousand baby boys born idiots, how many will be living at ten years? p. 315

SCIENTIFIC AWARD

Who is David White and what is he noted for? p. 313

SEISMOLOGY

How much slippage in the earth's crust may cause an earthquake? p. 306
What are the possible uses of the baby seismograph? p. 305

ZOOLOGY

Why was the pronghorn antelope safe from the dogs? p. 314