

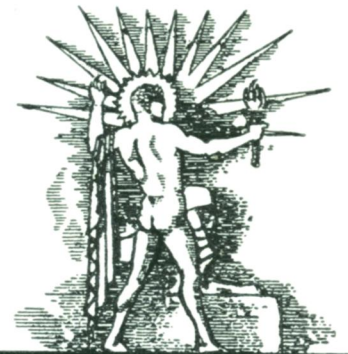
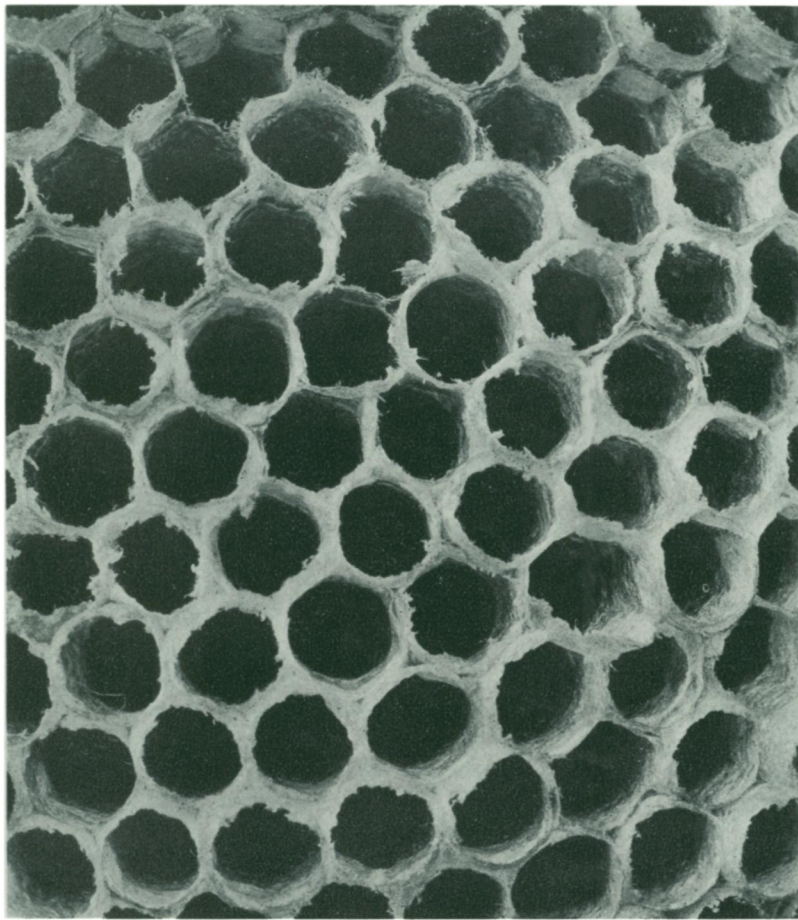
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# SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE •



JULY 27, 1935

Physics, Not Architecture

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SCIENCE SERVICE PUBLICATION

## SCIENCE NEWS LETTER

VOL. XXVIII



No. 746

The Weekly Summary of

Current Science

Published Every Saturday by

## SCIENCE SERVICE

THE INSTITUTION FOR THE POPULARIZATION OF SCIENCE organized 1921 as a non-profit corporation, with trustees nominated by the National Academy of Sciences, the National Research Council, the American Association for the Advancement of Science, the E. W. Scripps Estate and the journalistic profession.

Edited by WATSON DAVIS

Subscription rates—\$5.00 a year postpaid; two years \$7.00; 15 cents a copy. Ten or more copies to same address, 5 cents a copy. Back numbers more than six months old, 25 cents.

Canadian subscribers please add 50 cents a year, foreign subscribers 75 cents a year to regular subscription rate to cover postage.

Members of the American Association for the Advancement of Science have the privilege of subscribing to the SCIENCE NEWS LETTER at the reduced price of \$3 per year. Application for this privilege should be accompanied by privilege card obtained from the Permanent Secretary, A.A.A.S., Smithsonian Institution Building, Washington, D. C.

In requesting change of address, please give your old address as well as the new one in notification to Circulation Department, SCIENCE NEWS LETTER, 2101 Constitution Ave., Washington, D. C., at least two weeks before change is to become effective.

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Publication Office, 1930 Clifton Ave., Baltimore, Md., Editorial and Executive Office, 2101 Constitution Ave., Washington, D. C.

Address all communications to Washington D. C. Cable address: Scienservc, Washington.

Entered as second class matter October 1, 1926, at the post-office at Baltimore, Md., under the act of March 3, 1879. Established in mimeographed form March 13, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Advertising rates furnished on application.

Member Audit Bureau of Circulations.

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## DO YOU KNOW?

France has a new cancer institute, in a suburb of Paris.

Regulation golf balls have less resiliency in cold weather.

Primitive peoples have no system of dividing the day into hours.

The wandering albatross is the largest of all flying birds, says the Field Museum.

The United States has the world's largest laboratory devoted entirely to study of uses of wood, known as the Forest Products Laboratory.

Caring for mental patients in private families, rather than institutions, is being tried in this country, following success in Belgium and France.

Russian aviators report success in towing one airplane with another, suggesting the practical application that a damaged plane landed far from its hangar can be towed back to base, instead of sending mechanics to the scene.

Skeletons of mud puppies, preserved in what were once water pools some 400,000,000 years ago, are similar in many traits to common mud puppies of today.

Artists who paint billowy, fair-weather clouds with rounded bases are nature-faking, says one meteorologist; such clouds have flat bases, and all on one level.

Investigations show that trout fry planted in streams dwindle, not so much because large fish-eating birds catch them, as because other fish gobble them up.

"Immunity to ivy poison is an uncertain thing at best, for individuals lose their immunity without apparent cause," writes Prof. G. Albert Hill, of Wesleyan University in *American Forests*.

British physicians warn that a liquid poison should never be kept in an ordinary bottle, as it often is, but only in the bottle in which it was bought, properly labeled.

## WITH THE SCIENCES THIS WEEK

Most articles are based on communications to Science Service or papers before meetings, but where published sources are used they are referred to in the article.

## ARCHAEOLOGY

How did the Mayas ornament statues of their gods? p. 62.

How old is art in America? p. 54.

Where was man civilized as far back as 5,000 B.C. in the New Stone Age? p. 56.

## ASTRONOMY

When do the Perseid meteors appear? p. 58.

## BACTERIOLOGY

Can a room be illuminated by luminous bacteria? p. 56.

## CHEMISTRY

Why is synthetic gasoline especially important to Italy? p. 53.

## ENGINEERING

What limits the usefulness of an automatic device for measuring car speeds? p. 51.

What use has the bolometer? p. 54.

## ENTOMOLOGY

What shape is the cell of a honeycomb? p. 57.

What sort of flying squadrons have been enlisted in the battle against bollworm? p. 56.

## EVOLUTION

How large do the Galapagos tortoises grow? p. 63.

## MEDICINE

How does the surgery of the Brazilian Indian medicine man resemble that of the white man? p. 57.

How is hay fever linked with the common cold? p. 57.

What drug has been found useful against a disease of muscle weakness? p. 52.

What happens when baby does not get his orange or tomato juice? p. 55.

What is it in the skin that causes some to "splotch" instead of tanning in the sun? p. 55.

What new cure is reported for boils? p. 61.

## ORNITHOLOGY

How did scientists contrive to record the song of a bird that sings only near water falls? p. 52.

## PALEONTOLOGY

How large did trilobites grow? p. 55.

## PHYSICS

How great is the highest energy ever found in gamma radiation? p. 51.

## PHYSIOLOGY

How is the endocrinologist aiding the dairyman? p. 57.

Why is the term "vitamin" disapproved by a Montreal scientist? p. 61.

## PSYCHIATRY

At what age are persons most likely to develop mental disease? p. 53.

## PSYCHOLOGY

Is there a scientific type of mind? p. 60.

## SEISMOLOGY

How can the electric eye "see" earthquakes? p. 56.

## SPECTROSCOPY

What is the principal obstacle to the understanding of the structure of hemoglobin? p. 54.

## ZOOLOGY

What creatures of our western states are being destroyed by dust and flood? p. 63.