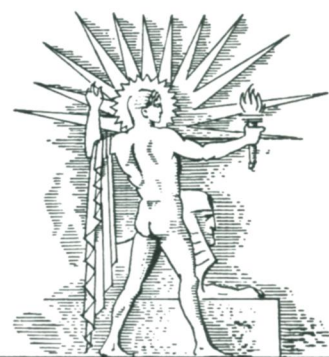
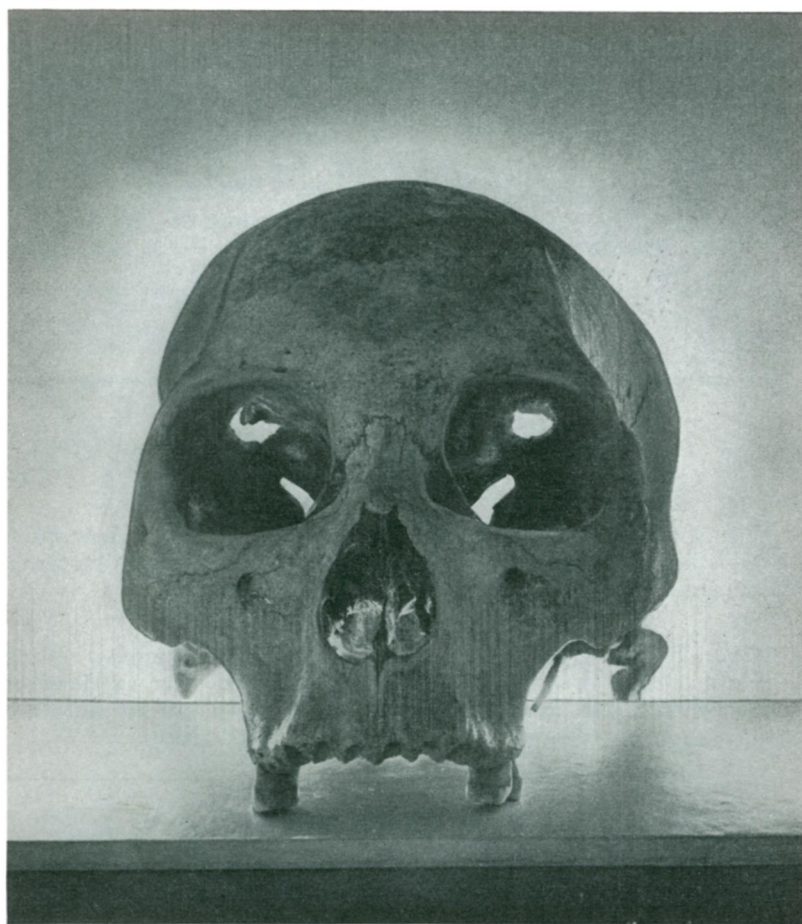


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



October 28, 1939

An Ancient

See Page 286

A S C I E N C E S E R V I C E P U B L I C A T I O N

## Do You Know?

A road in California is paved with walnut shells.

Camouflage paints sold to the British public for buildings are made as nearly non-reflecting as possible.

The most urgent need for the development of Palestine is water; and conservationists recommend fewer and better wells, and wider use of irrigation.

Temperature in Little America, recorded by the first inland weather station in Antarctica, ranged from a little above freezing to more than 80 degrees below zero.

At the rate soil is washed into reservoirs, in the next 50 years one-third of the existing 10,000 or more reservoirs in the United States will be silted beyond usefulness.

Football nerves may affect the coach on the sidelines more than the players says a California psychologist, because the coach lacks the physical outlet for emotional strain.

A zoologist calls the capybara of South America the most friendly and gentle of wild animals, although this four-foot-long rodent has front teeth strong enough to cut corrugated iron.

The European war has halted one of the University of California's research projects: documents sent to London to be photographed and photostated have been temporarily buried there in vaults or sent to dugouts in outlying towns.

## QUESTIONS DISCUSSED IN THIS ISSUE

Most articles which appear in SCIENCE NEWS LETTER are based on communications to Science Service, or on papers before meetings. Where published sources are used they are referred to in the article.

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Will the 500-mile-per-hour airplane wing be a reality? p. 277.

### AERONAUTICS—PHYSIOLOGY

What makes things go black for a pilot doing a power dive? p. 281.

### ARCHAEOLOGY

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### ASTRONOMY

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### CHEMISTRY

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Where is rubber to be made synthetically? p. 279.

Why do chemical industrialists dread wartime expansion? p. 285.

### FORESTRY

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### GENERAL SCIENCE

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What part of the League of Nations is functioning as usual at the same address? p. 281.

### MEDICINE

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What kind of lamp will be used to keep children from catching influenza? p. 275.

What kinds of accidents kill people on farms? p. 276.

What new menace has come out of Egypt? p. 275.

### MILITARY SCIENCE

In what weapon does a German economist place faith? p. 279.

Of what use are spiders in war? p. 278.

### MINERALOGY

Where is the United States Government hunting for essential minerals? p. 278.

### PHYSICS

How does the new thermal pump operate? p. 277.

### PHYSIOLOGY

What "color filters" enable your eyes to see in color? p. 285.

### PUBLIC HEALTH

How will war in Europe affect world health? p. 280.

What are the ten safety commandments for fall hunters? p. 283.

What will the soldier's identification tag have added to it? p. 280.

There are about 350,000 American citizens living outside the United States.

Waters of the Pacific coast are less transparent, transmit less light, than those of the Atlantic.

Vapor springs in Italy are now a source of electric power and chemicals, including boric acid, hydrogen, carbonic acid, and sodium perborate.

The European corn borer is attacking dahlias in New York State gardens.

Louisiana has a new industry: scales of the garfish make modernistic jewelry and novelties.

War will stimulate interest in television sets, one company believes, because news can be made more graphic by visual devices.

## SCIENCE NEWS LETTER

Vol. 36 OCTOBER 28, 1939 No. 18

The Weekly Summary of Current Science, published every Saturday by SCIENCE SERVICE, Inc., 2101 Constitution Avenue, Washington, D. C. Edited by WATSON DAVIS.

Subscriptions—\$5.00 a year; 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.

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Cable address: Scienservc, Washington.

Entered as second class matter at the post-

office at Washington, D. C., under the Act of March 3, 1879. Established in mimeographed form March 18, 1922. Title registered as trademark, U. S. and Canadian Patent Offices. Indexed in Readers' Guide to Periodical Literature, Abridged Guide, and in the Engineering Index.

Members of the American Association for the Advancement of Science have privilege of subscribing to SCIENCE NEWS LETTER at \$3 a year.

The New York Museum of Science and Industry has elected SCIENCE NEWS LETTER as its official publication to be received by its members.

Advertising rates on application. Member Audit Bureau of Circulation.

SCIENCE SERVICE is 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 Journalistic profession.

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