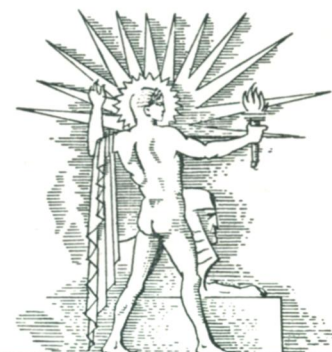
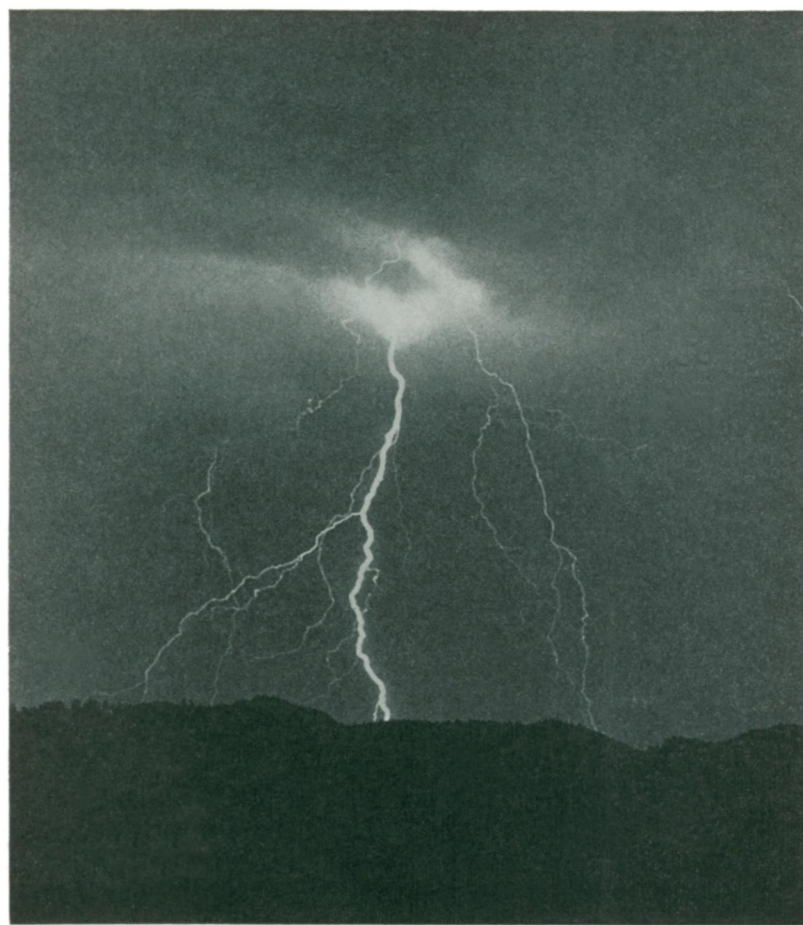


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



June 24, 1939

Heavenly Pyrotechnics

See page 395

A SCIENCE SERVICE PUBLICATION

Do You Know?

Britain has 13 million subjects in the Americas.

Japan has forbidden picture-taking near the Great Wall of China.

American pioneers learned to find water on their westward trek by following paths made by the buffalo.

More minerals have been taken out of the earth since 1900 than in all previous history, by conservative estimate.

When Alexander the Great plundered Persepolis in Persia, it took 20,000 mules and 5,000 camels to carry off the loot, so an historian declared.

The artificial lake formed by Parker Dam on the Colorado River has been named Havasu Lake, from the Mohave Indian word meaning "blue."

A new coating to make household fabrics water and sun-proof also renders the goods capable of being hemmed or seamed by pressing with a warm iron.

Government scientists are investigating 18 of the watersheds in the United States, to find out how land management in these areas might help control floods.

Chinese painting, sculpture, and probably Chinese music, all were revolutionized following the campaigns of Alexander the Great, due to Greek influences which spread eastward, says Prof. W. M. McGovern, historian.

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.

AERONAUTICS

How do passengers sleep in a transatlantic flight? p. 389.

ASTRONOMY

What planet is of particular interest during July? p. 390.

BIOLOGY

What good is done by the tuberculosis germ? p. 387.

CHEMISTRY

Where is the "identification file" of the chemical elements? p. 387.

ENGINEERING

How much is "liquid coal" likely to sell for? p. 391.

MEDICINE

What new remedy has been found for pellagra? p. 395.

What possible connection has been found between roasted coffee and cancer? p. 388.

Why is it important for X-ray cancer machinery to be of a small size? p. 388.

PHYSICS

Why are noble metals necessary to the unleashing of the atom's power? p. 392.

PUBLIC HEALTH—BACTERIOLOGY

What can you do to prevent human cases of horse sleeping sickness? p. 393.

Why should a dog suspected of rabies not be shot? p. 393.

Potatoes turn green from sunburn and are bitter and inedible.

The public is becoming more and more weather-conscious, the U. S. Weather Bureau finds.

Hill climbing ability of various trucks is being studied by the U. S. Bureau of Public Roads, with a view to improving highway design.

Near Santa Barbara, California, workers recently found a barbecue pit big enough for two steers, which was a relic of a Franciscan mission.

Artificially flattening or shaping the head has been a widespread custom among the world's people, from the days of ancient Egypt and Crete.

Natural color is used in a much greater percentage of amateur movies than in professional films.

Experiments with growing cinchona—source of quinine—in the Belgian Congo are reported successful.

Buenos Aires, capital of Argentina, is now the second largest city of the Americas, having a population of 3,304,000.

A runic stone indicates the presence of medieval European colonists 450 miles north of the Arctic Circle in Greenland.

The British government advises large factories to provide an air raid shelter for each 50 employees, so that if one refuge is hit, the personnel will not be wiped out.

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