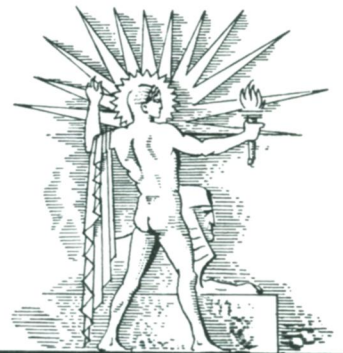
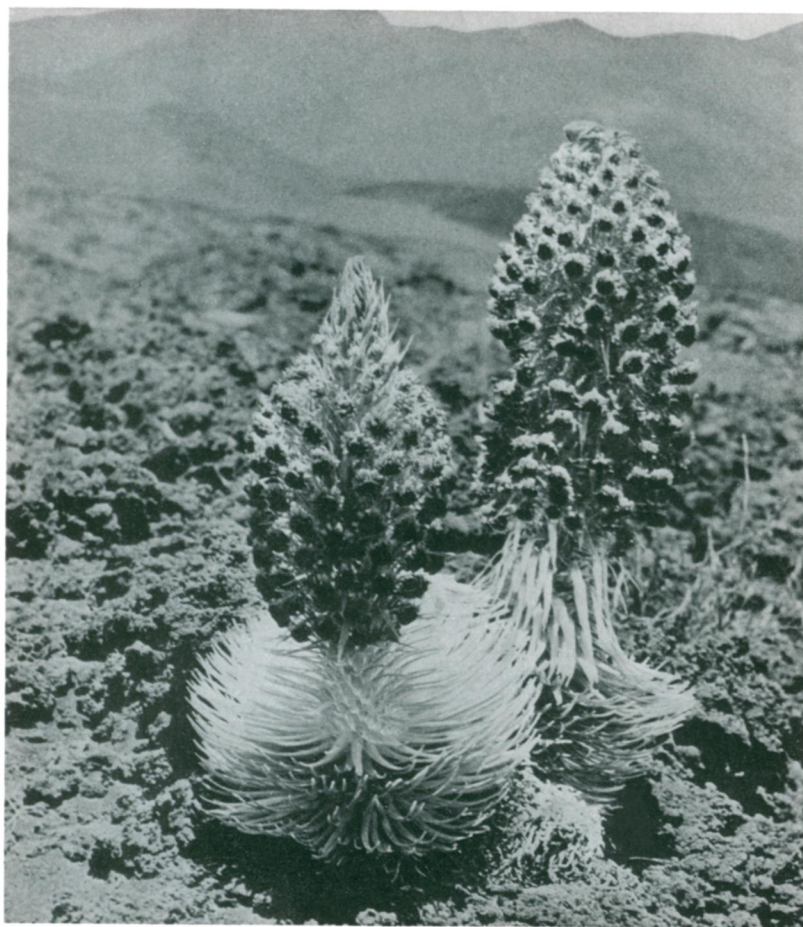


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



October 7, 1939

Silversword

See Page 237

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?

Having reclaimed the Pontine Marshes, Italy is now turning to Sicily and instituting land reforms to increase the number of small farms.

There are about 50 British breeds of sheep, says a zoologist, and all trace ancestry apparently from the European moufflon and the Asiatic urial.

By removing fences and other modern "blots" from the landscape, many vistas in Yosemite National Park are now as they were when viewed by early explorers.

In little more than a single generation airplanes have increased in speed from 45 miles to a maximum of more than 450 miles an hour.

The world's first horizontal oil well was recently drilled sideways by engineers near Zanesville, Ohio, thereby demonstrating a method of salvaging oil left behind by the usual vertical drilling.

Digging at Novgorod, Soviet archaeologists have unearthed traces of an eleventh century market, including a pine log pavement, beams that supported counters, and remnants of vegetables, grain, fruits, and berries.

More than 80% of the soldiers wounded in the World War were restored by medical and surgical aid, so that they returned either to military duty or to effective citizenship, says the U. S. Army's surgeon general.

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.

AGRICULTURE

To what extent are coffee trees suffering from wilt? p. 232.

ANTHROPOLOGY

What do scientists seek to know about America's hair? p. 233.

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At what time would the sun rise under Britain's proposed daylight-saving scheme? p. 233.

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MEDICINE

How can high frequency currents aid in removal of cataracts? p. 236.

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Why should air pilots not fly while they are taking sulfanilamide? p. 233.

METALLURGY

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MILITARY SCIENCE

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What explosives are used in air bombs? p. 234.

What new instruments of death will be revealed by the Army at demonstration for the Army Ordnance Association? p. 230.

Who predicts that armor will become fashionable? p. 229.

PHYSICS

To what facts of a crime would the fallen blood drops be clues? p. 230.

PSYCHOLOGY

In what form will Hitler propaganda appear in this country? p. 238.

To what extent would automobile accidents be reduced by eliminating accident-prone drivers? p. 228.

Why do "patriotic" societies have more influence than the "peace" organizations? p. 231.

Why do psychologists feel that soldiers should wear bright uniforms? p. 228.

Why should high altitude flyers carry sweets? p. 230.

RADIO

What does "vu" mean? p. 233.

What proportion of the world's radio amateurs have been lost from the air? p. 233.

Why can a deeply submerged submarine not send radio messages? p. 232.

Lion cubs are marked by dark spots, which gradually fade until the adult animal has a plain coat all over.

Under the title "Food and Life," the U. S. Department of Agriculture's 1939 yearbook, soon to be published, will deal with food needs of man and animals.

A canal parallel with the Suez Canal linking the Mediterranean with the Red Sea has been proposed, as a safeguard in case of damage or blockade befalling the Suez route.

Voices of 8,000 birds on Catalina Island bird farms were recorded for group and solo effects for use in a recent moving picture musical.

The 1940 census will list auto trailer occupants as residents—for census purposes only—wherever they happen to be, if they have no fixed residence.

Due to Confucian belief that the body was sacred, it was not until 1915 that medical dissection of the human body was attempted in the interior of China.

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