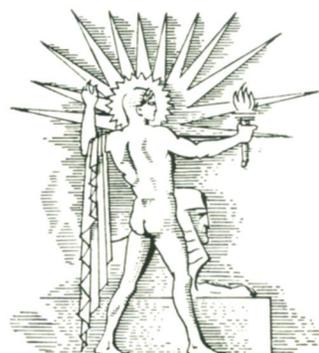


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



June 15, 1940

For Science

See Page 374

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?

Armies on foot and with horse-drawn units marched 20 miles a day: now a motorized army can move at the rate of more than 300 miles a day.

The American Red Cross will conduct 16 national *aquatic schools*, this summer, to teach life saving and other safety techniques in the water.

An Indian *chief's house*, made of big red cedar logs and squared timbers and decorated with totems, has been reconditioned by CCC boys at Wrangell, Alaska.

If dried *sweet potatoes* could be kept for year-round feeding, says the Department of Agriculture, the sweet potato could come to be one of the most important feed crops of the South.

A novel *woodpecker* problem was recently reported by a California citrus grower: He had to repair an airplane used in spraying groves because a woodpecker pecked a hole in a propeller blade, and unbalanced the blades.

A model *Mayan village* in Yucatan, where modern Mayas will be taught Mayan grammar and customs of their famous ancestors, is part of Mexico's plan to bring Indians up to date via education in their own languages.

A Cleveland *dentist* who says dentists are afraid of three-year-olds has ideas for promoting mutual confidence: carmine in rinse water helps prevent fear of sight of blood, and pleasant flavors in dental materials are good psychology, too.

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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What is the cloud formation most dangerous to the airman? p. 373.

BIOLOGY—CHEMISTRY

What effect does faulty sugar chemistry in the body have on the mind? p. 377.

CHEMISTRY

From what raw material is the all-American automobile tire made? p. 382.

ENGINEERING

How fast does the average passenger car travel on the public highway? p. 376.

GENERAL SCIENCE

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MEDICINE

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PHOTOGRAPHY

By what method may amateurs be able to take three-dimension pictures? p. 378.

PHYSIOLOGY

For what purpose is the "mark time" test used in the French army? p. 377.

In what way are Negroes physiologically superior to Whites? p. 380.

Why do women prefer a higher room temperature than do men? p. 377.

PSYCHOLOGY

Where are ape babies taught to wear diapers? p. 374.

SEISMOLOGY

How can scientists repeat earthquakes? p. 376.

In less than a minute, a whole *pearl* necklace can be given an X-ray test to reveal whether the pearls are natural or cultured.

Since *cod-liver oil* from Norway is no longer available, Canada plans to become self-sufficient in this oil by extracting its own supply.

Farm animals are being taught to use *flytraps* for summertime comfort: the animal passes through a cage and canvas flaps brush off the flies.

New York City's 33-mile Belt Parkway from Brooklyn to Queens will have the longest and largest sodium safety *lighting* system ever installed.

Believed the most comprehensive scientific treatise on *ice*, a 940-page work by A. B. Dobrowski was published in 1923 in Polish.

Seed corn dried and hermetically sealed and put in cold storage for as long as six years still has life and power to germinate.

Since 1875, more than 100 types of telephone *transmitters* have been designed and discarded, as improved types have been devised.

To gather 22,000 plant specimens in *Guatemala*, a Field Museum botanist climbed volcanoes, waded rivers, and struggled through bogs.

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