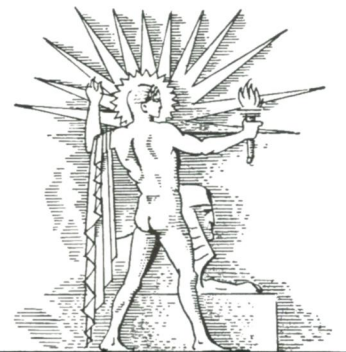


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



February 8, 1941

Rulerless Commonwealth

See Page 85

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?

The United States *peanut* crop just harvested is the biggest on record.

The Japanese official name for Korea, until recently Chosen, is now spelled *Tyosen*.

To conserve imported *iodine*, Germany has developed a bromine preparation as an antiseptic.

For best results, *paint* should be about the same temperature as the surface to which it is applied.

In hurricane winds, *rubber trees* drop their leaves, thereby eliminating wind resistance near the tree top and lessening pressure on the trunk.

Since it is difficult to import alcohol and acetone for Palestine's industries, the Hebrew University has evolved a way to produce them from *citrus peel*.

Jerusalem is attracting people from other parts of Palestine and Egypt, due to belief that the city is the safest in the Eastern Mediterranean war area.

A "*stellarium*," which projects stars on a darkened ceiling, has been invented and constructed by three Pittsfield engineers for the Berkshire Museum, Pittsfield, Mass.

The U. S. Office of Indian Affairs estimate that one-fourth of the children of the *Navajo* tribe will read and write their native language by the end of this school year.

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.

ARCHAEOLOGY

What important archaeological discovery has been made in a cave in France? p. 85.

CHEMISTRY

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ENGINEERING

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Where has a new 147-mile high voltage power line just been completed? p. 92.

ENTOMOLOGY

What spray kills codling moth worms but is harmless to bees? p. 88.

GEOGRAPHY

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ICHTHYOLOGY

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INVENTION

How can violin practice be made painless for the neighbors? p. 89.

MEDICINE

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NUTRITION

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POPULATION

At what age should a mother bear her children? p. 93.

PHYSIOLOGY

How does aspirin differ from acetanilid in relief of headache? p. 87.

On what organs does vitamin D act to prevent or cure rickets? p. 86.

Under what circumstances have persons broken their own bones through violent exertion? p. 88.

PLANT PHYSIOLOGY

What does ultraviolet light do to one-celled plants when applied in smaller than deadly doses? p. 85.

PSYCHOLOGY

Among what classes of people are the most geniuses born? p. 88.

What effect does emotion have on vision? p. 89.

RADIO

How much does it cost to build a television broadcasting station? p. 84.

RESOURCES

What is the position of the United States with regard to drug and vitamin supplies? p. 87.

Tattooing was popular among pre-Chinese people of China.

Most American Indian *potters* were women, but in ancient Peru men worked at this craft.

Tests indicate that *human hair* is stronger than any animal's hair from which cloth is made.

An electric *hot box*, that ages hams in three months instead of the year usually required, has been devised.

Textile experts say that *cotton* is nature's whitest fiber.

The California *flying fish* can remain in the air 30 to 40 seconds, but most of its flights are briefer.

Too tiny to be seen without a microscope, *bacteria* in the ocean at one time would weigh about 10,000,000 tons.

About 3,000 *war gas* compounds were tested in the first World War, and about 25 or 30 were actually used in combat.

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