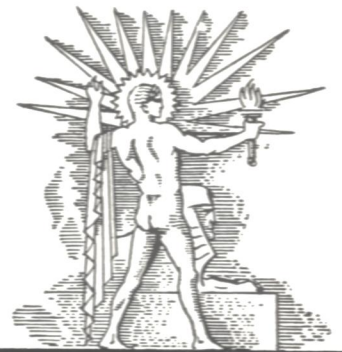


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



July 31, 1937

Giants in the Air

See Page 71

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## DO YOU KNOW?

Sponge rubber is being used like cement in tree surgery to fill cavities.

A synthetic rubber material is being used to coat gloves and overalls of workmen, to make the garments resistant to oils, grease, and acid.

Red or yellow ocher mixed with road surface material is a new safety idea because the ocher makes the road somewhat luminous at night.

"If every one had good manners, I believe we could cut automobile accident tolls 50 per cent.," says a member of a state accident prevention board.

The U. S. Children's Bureau has revised and enlarged its bulletin on Child Management, which advises parents regarding psychology of child training.

A sanitarian's duties range from seeing that the bottom of the deep end of a swimming pool is visible through clear water, to making sure that resorts and camps have sufficient window area for ventilation.

Perfumed insect sprays for household pests have been devised.

The number of blood cells in the body is astonishingly constant, due to an extraordinary fine mechanism of blood regulation, says a German professor.

A sixteenth century lady of Spain warned her daughter not to wash her face oftener than once in four days, lest gossips say she washed just to look attractive to men.

A British archaeologist points out that people think of a mill as revolving or spinning, but for thousands of years mills were apparently just devices for rubbing grain between two stones.

Condemning the strained military posture that children take when told to stand up straight, a California physician says: "A child should not be told to stand up without being taught how to do it any more than he should be ordered to do his arithmetic without preliminary instruction in fundamentals."

## WITH THE SCIENCES THIS WEEK

Most articles are based on communications to Science Service or papers before meetings, but where published sources are used they are referred to in the article.

#### ANTHROPOLOGY

Did America suffer from dust storms before the coming of civilization? p. 69.

#### ARCHAEOLOGY

Why are the portraits of the pharaohs misleading guides to their appearance? p. 70.

#### ASTRONOMY

How many stars are visible without optical aid? p. 74.

What sort of dust storm has upset the calculations of astronomers? p. 77.

#### ENGINEERING

How are scientists adding to the life of powerful light bulbs? p. 73.

What sort of phonograph record can be erased for another use? p. 72.

#### ENTOMOLOGY

Do insect larvae eating wood make any noise about it? p. 73.

When chiggers attack grasshoppers, does man benefit? p. 71.

#### GENERAL SCIENCE

What thirteen inventions are considered as having great social influence? p. 76.

#### LANGUAGE

What does Texas mean? p. 77.

#### MEDICINE

What gland substance is used for treating malaria? p. 72.

#### PALEONTOLOGY

What creature of the prehistoric west stood taller than a 3-story house? p. 70.

#### PHYSICS

How much does radium cost? p. 71.

What makes ham red? p. 68.

What research tool will enable scientists to find out what happens when rubber ages? p. 68.

#### PHYSIOLOGY

How is the heat producing mechanism of an animal affected by pituitary gland removal? p. 72.

#### PSYCHIATRY

Is a patient with mental disease likely to recover? p. 78.

#### PSYCHOLOGY

Do different races of men differ in native mental ability? p. 72.

#### PUBLIC HEALTH

What discovery may lead to prevention of silicosis? p. 67.

#### ZOOLOGY

Are bison ever white? p. 67.