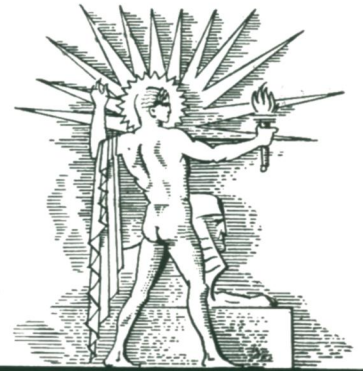


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



JULY 2, 1932

Web-Fingered, to Swim the Air

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Sample Copy

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DO YOU KNOW THAT

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Turnip sauerkraut is a new, appetizing food suggested by the U. S.-Department of Agriculture.

Radio engineers announce that they have perfected a system by which as many as 3,000 radio sets can operate independently on the same antenna without interference.

By studying plant life on the fringes of Greenland glaciers, University of Michigan scientists hope to determine whether the ice is receding or not, and thus to learn whether the world is emerging from an ice age or perhaps entering upon a new one.

The hippopotamus may not look like a "river horse" on land, but when it swims its profile justifies the name the old Greeks gave it.

According to U. S. Forest Service records for the past five years, about nine per cent. of the forest fires reported are caused by railroads.

A British physiologist believes that man would be able, without oxygen apparatus, to stand the low barometric pressure at the top of Mt. Everest, but the risk would be great.

Census figures show that approximately 22 per cent. of all deaths in this country are from communicable diseases.

Studying the pygmy Negritos of New Guinea, a Smithsonian Institution expedition found several natives with hair of reddish tinge.

One of the dinosaurs of East Africa was a giraffe-like animal which stood about thirty feet tall, including its ten-foot neck.

Experiments show that, contrary to an old opinion, butter for storage keeps as well in one-pound prints as in big tubs.

A baby gorilla brought to the New York Zoo grew a heavy winter coat and enjoyed outdoor exercise and playing in the snow.

Some American tribes tattooed the body, using cactus spines or sharp flint points as instruments.

The Sabine Villa, where the Roman poet Horace composed his famous odes, has been excavated by an American archaeologist.

WITH THE SCIENCES THIS WEEK

CURIOSITY-AROUSING questions are prepared concerning the most interesting and important news in each issue. These questions should be a mental stimulant for the adult reader and a boon to the teacher who uses the Science News Letter to add zest to her classroom instruction.

Book reference in italic type is not the source of information of the article, but a reference for further reading on the subject of the article. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

ASTRONOMY

Do stars have an aurora borealis? p. 5.
How much farther is the earth from the sun now than it was six months ago? p. 8.
What planet may have given birth to many of the comets that come within the vision of the earth? p. 6.

Where in the sky were the two comets whose discovery was reported within two days by an American and an Australian astronomer? p. 11. *Comets—Charles P. Olivier—Williams & Wilkins, 1930, \$3.50.*

AVIATION

Why may not airplanes of present-day design be made to fly faster than 600 miles an hour? p. 3. *Aviation and All About It—A. Frederick Collins—Appleton, 1929, \$2.*

ECONOMIC GEOGRAPHY

How much of Mongolia is suitable for colonization by the Chinese? p. 10. *Contemporaries of Marco Polo—Mannuel Komroff—Boni & Liveright, 1928, \$3.50.*

GEOLOGY

Where will a 1200-foot hole be drilled for the sake of science? p. 3

HYDRODYNAMICS

How may the speed of a boat be doubled without increasing its power? p. 4

MEDICINE

How has a vaccine for American typhus fever been made? p. 7. *The Facts of Modern Medicine—Francis W. Palfrey—Appleton, 1929 \$5.*

OCEANOGRAPHY

Why is there less light below the surface of the ocean than Dr. Hulburt calculated? p. 6

PALEONTOLOGY

What remains of ancient man have been found in Java in addition to the recently discovered Homo soloensis? p. 5. *New Discoveries Relating to the Antiquity of Man—Sir Arthur Keith—Norton, \$5.*

PHYSIOLOGY

Can the coming of old age be delayed? p. 4
Of what wavelength may "human rays" be? p. 3

RADIO

Name two new pieces of apparatus for measuring reflections from the Kennelly-Heaviside layer? p. 5

ZOOLOGY

Can bats hear well? p. 11