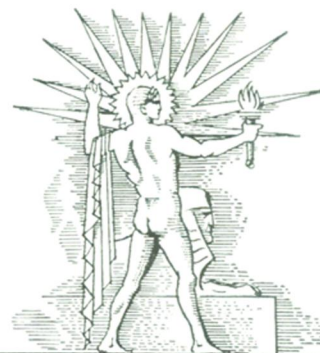
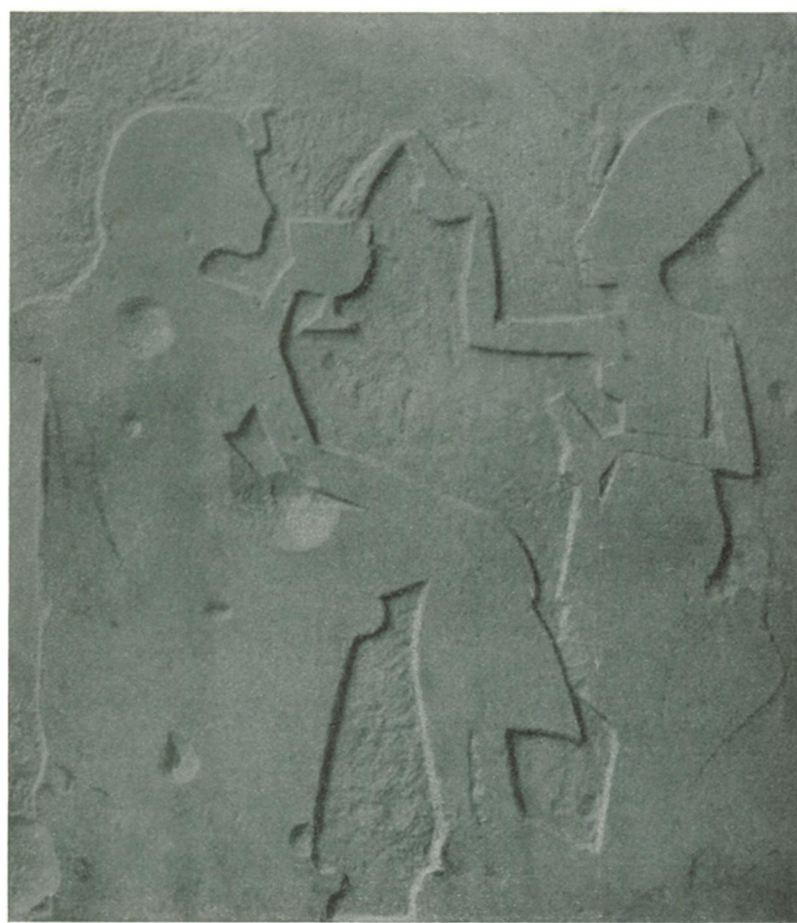


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See Page 206

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DO YOU KNOW?

An ostrich eggshell holds about three pints.

Scholars in thirteen countries are cooperating in making a dictionary of medieval Latin.

About 500 people are killed by lightning each year in the United States and about 1,300 are injured.

Jericho, around which Joshua's army marched, was destroyed by a fire, is the finding of archaeologists.

Man is the only sufferer from anemia, under natural conditions, but research workers have induced anemia in dogs.

Chinese houses are arranged very much like the houses of ancient Rome, says Dr. Berthold Laufer, of the Field Museum.

An anthropologist points out that, of all the nations of Asia, only the Chinese eat sitting round a table, as the western world does.

At least 50,000 research papers are published annually on biological problems.

A German jurist suggests that police might find it useful to keep a set of "fingerprints" of all types of automobile tire tracks.

Crushable capsules of chloroform for use in childbirth to alleviate pain are being tried extensively in England.

The coldest place in the world is probably on top of Mount Nilsen in the Antarctic continent, is the theory of one meteorologist.

Contrary to popular tradition, Indians never intentionally scalped a living warrior, says Dr. Melvin Gilmore, anthropologist of the University of Michigan.

The economic depression has done one helpful thing for patients in mental hospitals—it has brought a number of graduate nurses into these hospitals despite low salaries offered there.

WITH THE SCIENCES THIS WEEK

ARCHAEOLOGY

Were ancient synagogues decorated? p. 196.

ASTRONOMY

How can you tell time from the "Dipper?" p. 198.

In what part of the heavens is the new star? p. 200.

What is the color of the light emitted by solar prominences? p. 204. *The Two Solar Families*—Thomas C. Chamberlin—Univ. of Chicago, 1928, \$2.50.

AVIATION

How does wool aid airplane designers? p. 201.

BIOPHYSICS

Why should farmers be concerned about *Penicillium javanicum*? p. 195.

CHEMISTRY

Can chemistry be used to deceive? p. 207. 100,000,000 *Guinea Pigs*—Arthur Kallet and F. J. Schlink—Vanguard, 1933, \$2.

What causes fabrics to fade when washed? p. 196.

What poisons do burning fabrics give off? p. 201.

What was the gold of alchemy? p. 200.

Where does the polish come from for the new self-polishing leather? p. 201. *The Chemistry of Leather Manufacture*—John A. Wilson—Chemical Cat. Co., 2 volumes, 1928-1929, \$10 per volume.

With what automobile fuel is it suggested that sugar be used? p. 202.

Who discovered oxygen? p. 197. *The Story of Chemistry*—Floyd L. Darrow—Bobbs-Merrill, 1927, \$4.

ELECTRICITY-BIOGRAPHY

Which of the "big four" electrical pioneers in America is living today? p. 195.

GEOLOGY

How might the ocean have caused the Carolina "Bays?" p. 202.

MEDICINE

How was it determined that calcium fails to stop cancer? p. 195.

ORNITHOLOGY

Why is it easy for birds to make a living in the Far North during summer? p. 206.

PALEONTOLOGY

Did the mammoth live in Kashmir Valley? p. 200.

PHYSICS

Where does the Van de Graaff generator get its power? p. 197.

PHYSIOLOGY

During what month of the year is the thyroid gland largest? p. 200.

How does ultraviolet light kill living cells? p. 201.

PSYCHOLOGY

Why is a color blind engraver prized? p. 200.

ZOOLOGY

What state contains most pronghorn? p. 201.

ZYMOLOGY

What people are thought to have invented beer? p. 206.

These curiosity-arousing questions show at a glance the wide field of scientific activity from which this week's news comes. Book references in italic type are not sources of information of the article, but are references for further reading. Books cited can be supplied by Book Dept., Science News Letter, at publishers' prices, prepaid in U. S.

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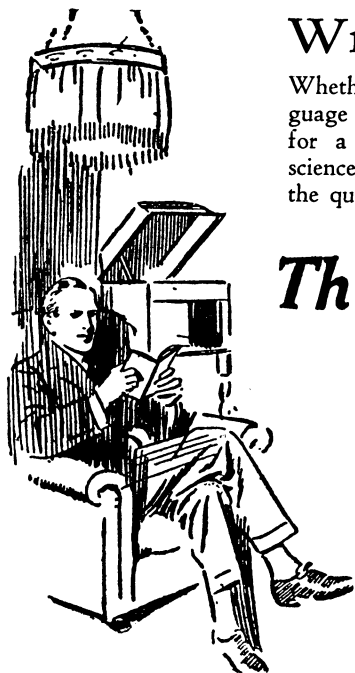
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