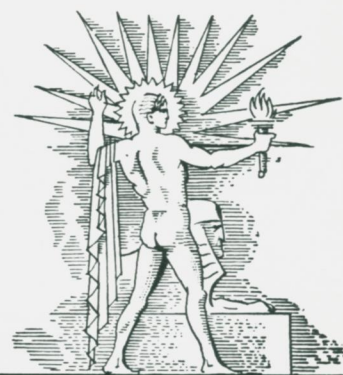


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THE WEEKLY SUMMARY OF CURRENT SCIENCE •



NOVEMBER 19, 1932

Dr. Irving Langmuir, Nobel Laureate in Chemistry 1932

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DO YOU KNOW THAT

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The cultured Greeks of Sybaris in 700 B.C., had regulations against noise.

In Aurora, Ill., a father and daughter have kept weather records for 53 years.

Fully four-fifths of Arabian territory is consolidated into a kingdom under the new name of Saudi Arabia.

In order to bring eggs of the harlequin duck to England from the Arctic, a naturalist kept the eggs in an electric incubator while on the ship.

A tower of steel and aluminum twice as tall as the Eiffel Tower of Paris is proposed as a feature of the Century of Progress exposition in Chicago.

In the course of Gobi Desert explorations of the American Museum of Natural History, a surveyed line of more than 1,000 miles was run northwest through the desert.

Tests on the effects of smoking made at the University of Michigan Hospital indicate that when you smoke your fingers and toes are cooled from one to nine degrees, but at the same time blood pressure and pulse rate increase.

The Navajo Indians own about a million head of sheep.

When freshly cut, mahogany wood is not dark red but rather light red or pink.

A Hungarian chemist has determined that 100 per cent. of the nicotine in tobacco goes over into smoke.

Elevators that travel up and down in curved arcs are being built for ascent around the bulging sides of naval dirigibles.

American chemical technology began with the pioneer work of John Winthrop, Jr., who landed in Boston in 1631.

Among the Russian cities which have increased heavily in population are Moscow, which now has 2,800,000, and Leningrad, with 2,228,000.

Explaining why prehistoric potters made cooking vessels with rounded bases, a British archaeologist suggests that the rounded base would settle more firmly on stones or other supports in the fireplace.

WITH THE SCIENCES THIS WEEK

Curiosity arousing questions for the teacher and general reader. 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 Librarian, Science Service, at publisher's price, prepaid in U. S.

ANATOMY

Where is the extra rib Eskimo men seem to be acquiring? p. 325.

Do fish have a cerebral cortex? p. 328. *Brains of Rats and Men*—C. Judson Herrick—Univ. of Chicago, 1926.

ANTHROPOLOGY

When did head-hunting develop? p. 322. *Human Origins*—George Grant MacCurdy—Appleton, 1924, (2 vol.).

ARCHAEOLOGY

How thick are the walls of the recently unearthed eight-room-and-bath Mexican house? p. 325.

What were the Monte Alban tunnels used for? p. 329.

ASTRONOMY

What recent astronomical event was shown in movies at the National Academy of Sciences meeting? p. 325.

BIOLOGY

How much do lizards warm up when they sun themselves? p. 324. *Reptiles and Amphibians*—Thomas Barbour—Houghton Mifflin, 1926.

BOTANY

Who raised the first pumpkins? p. 330.

CHEMISTRY

How old is Dr. Langmuir? p. 319.
What is tertiary butyl alcohol good for? p. 329.

What is the best solvent for the rare earth elements? p. 330.

GENETICS

How long may pine pollen be kept fertile? p. 327. *Principles of Genetics*—Edmund W. Sinnott and L. C. Dunn—McGraw-Hill, 1932, \$3.50.

HORTICULTURE

Who has been given most plant patents? p. 324.

MATHEMATICS

What is a differential analyzer? p. 320.

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How may banana powder be used? p. 324.

ORNITHOLOGY

How has the Washington Monument been killing birds? p. 324.

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What do upper air researches tell of cosmic ray origins? p. 321.

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How do pigeons test the potency of liver extract? p. 325.

What substance has the largest unit cell dimensions of any thus far recorded? p. 324.