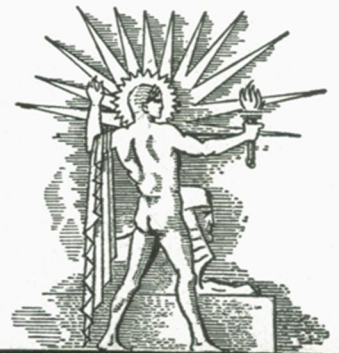


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THE WEEKLY SUMMARY OF CURRENT SCIENCE •



NOVEMBER 11, 1933

To My Lady in Her Bower

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DO YOU KNOW?

A new shell globe especially suitable for floodlighting low buildings has been produced.

There are a number of oil springs on the ocean floor off the southern California coast.

Government scientists announce "fair results" in growing vinifera or Old World grapes in the eastern United States.

Over six million oysters are set to work on the pearl farms of Japan each year, about sixty per cent. of them producing pearls.

Librarians who have wished for cast-iron covers to protect the books in their charge will be interested to find that copper sheeting is actually found suitable for covers subjected to hard usage.

In several Brooklyn hospitals, patients are diverted during operations under local anesthesia by providing them with earphones and playing phonograph records especially chosen.

If bottled milk stands in the sun, the sunlight may cause slight oxidation of the fat, giving the milk an "off" flavor.

Newly discovered gold deposits in the Belgian Congo are to be exploited during the coming year.

In about 26 years enforcement of the food and drugs act, the government has instituted court action against more than 40 so-called cancer "cures."

A naturalist says that African natives consider elephant meat a feast, but to a white man it is tasteless and most unpleasantly gummy to the teeth.

Porcelain enamel, once associated with kitchen equipment, is now being used for house shingles, the enamel being coated over steel and backed by asphalt-felting.

In 1930 about 16 per cent. of the Negroes in the United States could not read and write, as against more than 30 per cent. in 1910 and about 95 per cent. 60 years ago.

WITH THE SCIENCES THIS WEEK

ARCHAEOLOGY

How did the Marksville moundbuilders bury their dead? p. 307. *Ancient Americans—Emily C. Davis—Holt, 1931, \$3.50.*

What famous modern skyscraper had a Roman ancestor? p. 311.

Who built the Chinese emperors' shrine to the earth goddess? p. 312.

ASTRONOMY

When did the new sunspot cycle begin? p. 307.

BIOGRAPHY

What American scientist has recently been honored in England? p. 312.

DEMOGRAPHY

Why is the average age of our population increasing? p. 314. *Population Trends in the United States—Warren S. Thompson and P. K. Whelpton—McGraw-Hill, 1933, \$4.*

ENGINEERING

How fast can a diesel powered motor car go? p. 313.

How much power is saved by streamlining motor cars? p. 308.

EVOLUTION

What were the eurypterids? p. 318.

GAME MANAGEMENT

Who gets buffalo steak to eat? p. 310. *The Hunting of the Buffalo—E. Douglas Branch—Appleton, 1929, \$3.*

GENERAL SCIENCE

Who pays professors while they research? p. 311. *The Obligation of Universities to the Social Order—New York Univ. Press, 1933.*

HORTICULTURE

Are fewer apple trees causing an apple shortage? p. 310.

MEDICINE

What disease did convicts escape to win their freedom? p. 312.

METEOROLOGY

Will California have an "unusual" winter this year? p. 308.

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ORNITHOLOGY

What ornaments does the bower bird use in his building? p. 313.

PHYSICS

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What does the neutron weigh? p. 311.

PLANT PHYSIOLOGY

What is yarovization? p. 309.

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Is commitment to a mental hospital necessarily a life sentence? p. 313.

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Is print easier to read than typescript? p. 313.

PUBLIC HEALTH

Has the depression affected the weight of children? p. 315.

SOCIOLOGY

How old is a man when he is too old for a new job? p. 315.

ZOOLOGY

Do elephants become accustomed to airplanes? p. 312.

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 for the article, but are references for further reading. Books cited can be supplied by Book Dept., Science News Letter, at publishers' prices, prepaid in the United States.