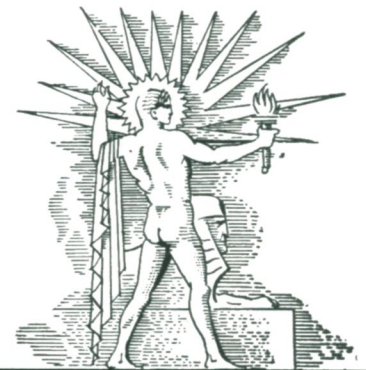


PRICE
15¢

SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



NOVEMBER 5, 1932

Abyssinia in Chicago

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A SCIENCE SERVICE PUBLICATION

SCIENCE NEWS LETTER

VOL. XXII

No. 604

The Weekly
Summary of



Current
Science

Published by

SCIENCE SERVICE

The Institution for the Popularization of Science organized under the auspices of the National Academy of Sciences, the National Research Council and the American Association for the Advancement of Science.

Edited by WATSON DAVIS

Subscription rates—\$5.00 a year postpaid; two years, \$7.00; 15 cents a copy. Ten or more copies to same address, 5 cents a copy. Back numbers more than six months old, 25 cents.

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Publication Office, 1930 Clifton Ave., Baltimore, Md. Editorial and Executive Office, Constitution Ave. at 21st St., N. W., Washington, D. C.

Address all communications to Washington, D. C. Cable address: Scienservc, Washington.

Entered as second class matter October 1, 1926, at the post-office at Baltimore, Md., under the act of March 3, 1879. Established in mimeographed form March 13, 1922. Title registered as trade-mark, U. S. and Canadian Patent Offices.

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DO YOU KNOW THAT

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In the Hopi Indian ceremonial calendar more than one-third of the year is occupied in religious rituals.

Aluminum window panes, manufactured in Germany, are said to be so transparent that they may be used like glass.

The house cat, first domesticated by the Egyptians, was not known to the ancient Hebrews, Assyrians, or Babylonians.

A blacksnake that was robbing a woodpecker's nest met retribution when it was attacked by honey bees and died of the stings.

A fragment of one of the old Roman bulletins, that were written on marble and posted in important places, was unearthed recently at Ostia.

A committee of 120 scientists has been working on a dictionary of electrical engineering terms, which it is hoped will eliminate the confusion of conflicting definitions.

Ice when pure and clear is more transparent than water.

Experimental plantings of pecan trees in Arizona are reported to be thriving.

There is more ultraviolet in afternoon sunshine than in morning sunshine.

Tobacco was only one of the plants smoked by American Indians; powdered willow bark was another.

There are more than 2,000,000 purebred cattle, 400,000 purebred sheep, and 300,000 purebred hogs on farms and ranches in the United States.

Paper making, an ancient hand-operated industry of Foochow, China, has "gone modern" with the opening of a mechanically equipped paper mill there.

Some archaeologists believe that living Pima and Papago Indians of Arizona are direct descendants of the prehistoric builders of the Casa Grande pueblo ruin.

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.

ARCHAEOLOGY

Where is the Payne collection of Indian relics? p. 293.

ASTRONOMY

Must astronomers wait for total eclipses? p. 293.

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Why cannot the Leonid meteor shower be predicted accurately? p. 290. *Meteors—Charles P. Olivier—Williams and Wilkins, 1925, \$6.*

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Are our anti-typhoid "shots" getting weaker? p. 293.

Why is sauerkraut from washed cabbage better? p. 292.

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How much does really perfect gasoline cost? p. 296. *Petroleum and its Products—Wm. A. Gruse—McGraw-Hill, 1928, \$4.50.*

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Has a bot-fly any right to have bristles? p. 293.

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What is the only remaining original airplane flight a British explorer thinks worthwhile? p. 288.

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What is the estimated age of the earliest cat fossil ever found? p. 292.

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Who got the Nobel Prize in medicine and physiology, and why? p. 293.

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Do infants remember? p. 288.

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Is adolescence a revolutionary period of life? p. 289.

STANDARDS

What was the first step, taken by the British, to put American and English units of length on the same basis? p. 287. *Gauges and Fine Measurements—F. H. Rolé—Macmillan (London), 1929, 2 volumes, \$14.50.*

ZOOLOGY

How many species of wild goat are in North America? p. 298.