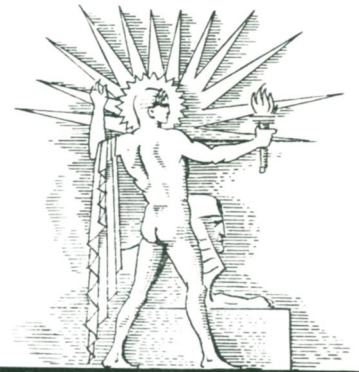
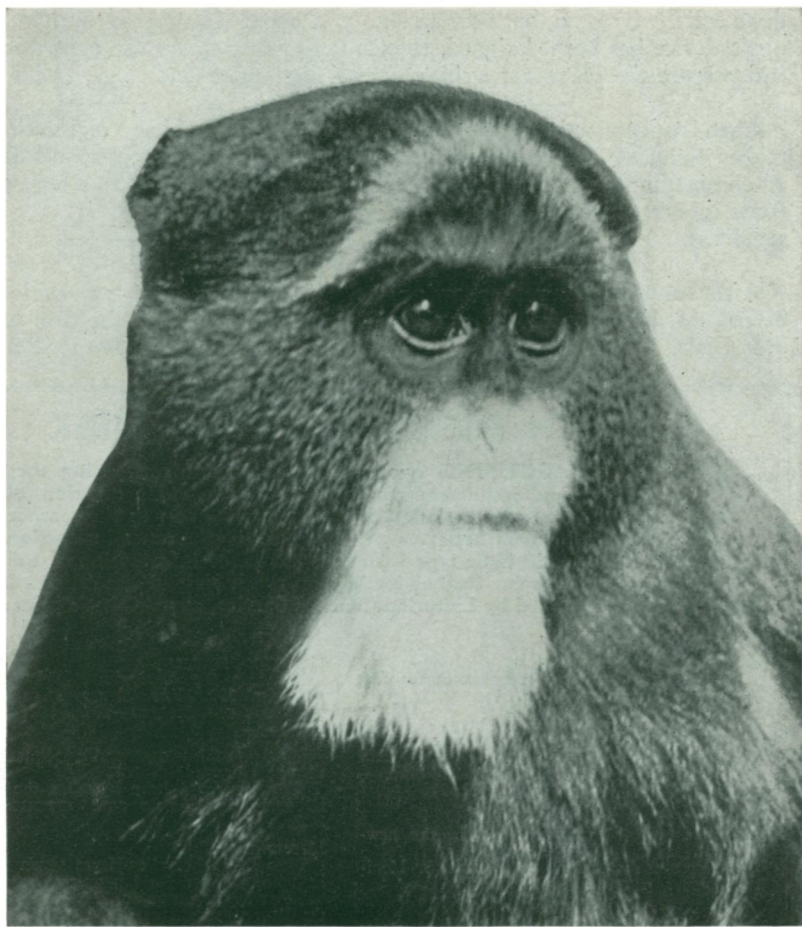


SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



MAY 7, 1932

Uncle Silas From the Jungle

See Page 290

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DO YOU KNOW THAT

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There are forty large trees at Mount Vernon that are believed to have been there in George Washington's day.

Oranges wrapped in cellophane or aluminum foil keep firm for three to five months of cold storage, while oranges wrapped in paper last less than two months, according to tests made at the Florida Experiment Station.

The United States now has more than half a million acres of orange groves.

Photo-engraving has heretofore been done entirely by hand, but now an automatic device has been designed, to etch and prepare the plates for etching.

Chemists conducting research for a rubber company have discovered a way of eliminating the natural rubber smell from rubber articles intended for personal use.

A museum of costumes, showing the history of dress, is to be established near Paris.

Weasels have often been blamed for killing chickens, when the real slayers were rats, which in turn were being hunted by the weasels.

An expedition is attempting to climb the south peak of Mount McKinley, in Alaska, a goal which has heretofore been attained only once.

Five million million years ago the sun weighed approximately twice as much as it does now.

Cloth, glass, or plaster can be given a metal coating by a new metallizing gun that sprays the melted metal under high pressure.

Motor vehicle registration in the United States dropped off almost three per cent. in 1931, to a total of 25,814,103 cars and trucks.

A physician tells of a mental defective who had so remarkable a memory that he could tell the date of Easter in every year from 1000 to 2000 A.D.

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.

ANIMAL PATHOLOGY

What is the only known treatment for foot and mouth disease? p. 295

ANTHROPOLOGY-ZOOLOGY

According to a new theory, what may fast-graying hair indicate? p. 290. *Human Hair and Primate Patterning*—Gerrit S. Miller—*Smithsonian*, 1931, (Publication 3130).

ARCHAEOLOGY

How many stelae were found in the newly-discovered Mayan city? p. 289

Who were the looters of the ancient Mexican tombs? p. 293

ASTRONOMY

From where was the new Carrasco comet sighted? p. 293. *Comets*—Charles P. Olivier—*Williams and Wilkins*, 1930, \$3.50.

ASTRONOMY-METEOROLOGY

What do observations thus far on meteor trails indicate? p. 294

ASTROPHYSICS

What two hypotheses does Millikan suggest to account for the mysterious cosmic rays? p. 288

BACTERIOLOGY

Is the bacteriophage more effective in living tissue or in test tube? p. 294

CARTOGRAPHY

What simple instrument is necessary in order to use the new method of evaluating aerial photographs? p. 293

GENERAL SCIENCE

Who discovered Science Service and for what purpose? p. 297

GENETICS-PHYSICS

What is the newly-determined size of the gene? p. 292. *The theory of the Gene*—Thomas Hunt Morgan—Yale, 1926, \$4.

GEOLOGY

What are the two general principles on which tiltmeters depend? p. 287

What evidence have we that the low-lying Bahama Islands were once mountainous? p. 288

MEDICINE

Why could the yellow fever serum from monkeys not be used for immunizing man? p. 287

What is the reason for a bad cold's effect on the liver treatment of anemia? p. 296

What must any new drug treatment take into account? p. 292

METEOROLOGY-ASTROPHYSICS

What is held as the real cycle in sunspots? p. 296. *Climate throughout the Ages*—C. E. P. Brooks—London, Benn., 15 s.

PHYSICS

To what height will be thrown droplets from a bursting sodawater bubble? p. 292

What new laboratory apparatus has Lindbergh recently devised? p. 294

PHYSIOLOGY

What effect does coffee have if drunk occasionally? p. 293

PSYCHOLOGY

What traits are common to all leaders, criminal or otherwise? p. 298

ZOOLOGY

In what habit are raccoons quite unlike monkeys? p. 299