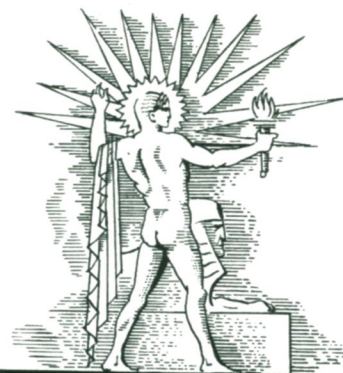
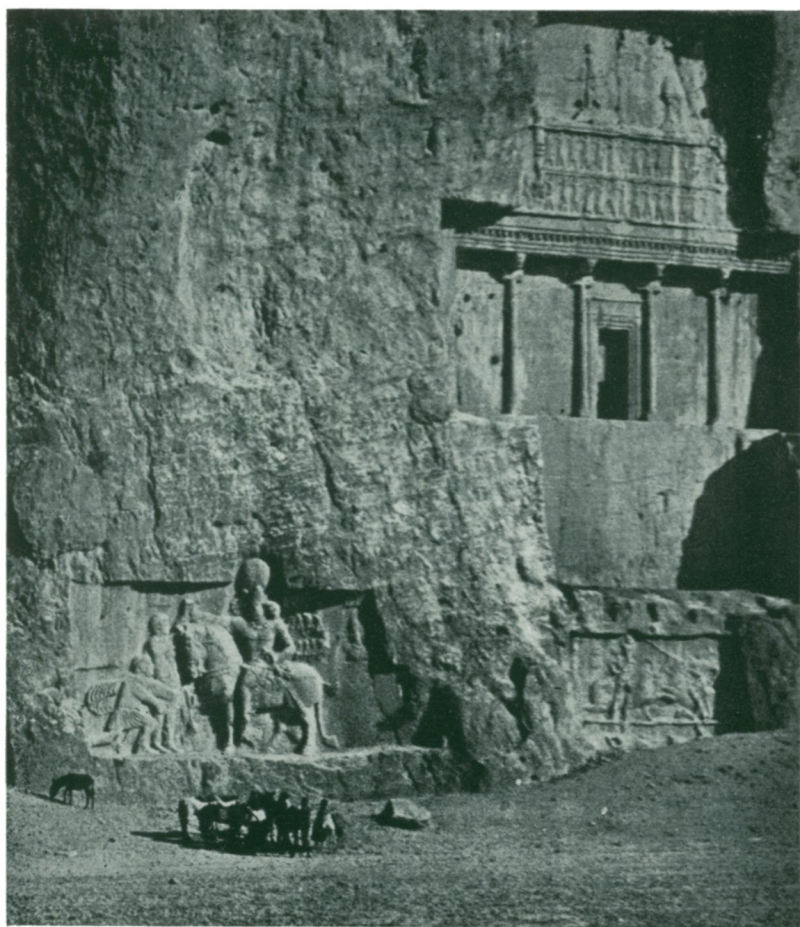


# SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



May 28, 1932

New Picture of Ancient Splendor

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## DO YOU KNOW THAT

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The U. S. Food and Drug Administration has surveyed last season's pack of tomato juice, and reports that the 1931 output is the best to date and that tomato juice as a beverage appears to have "come to stay."

When an insect plague threatens vegetation in a given area, birds of the region usually mobilize there, living largely on the plague insects.

A new and important safety device for coal miners is a glass tube containing palladium chloride, which turns dark if dangerous gases are escaping.

The U. S. Department of Agriculture states that there are about eighteen distinct varieties of cheese: the 400 or more names given to cheeses are of local origin.

The U. S. Forest Products Laboratory finds that in nailing the handles of implements blunt-pointed nails are less likely to split the wood than sharp nails.

A map of the world made by a Turkish navigator in 1513 was discovered not long ago in a library in Istanbul.

Ground plans of prehistoric pueblos in the Mesa Verde National Park are being mapped for permanent record.

A new radio development in Switzerland is a radio-telephone system whereby telephone subscribers can enjoy radio programs without owning a radio set.

Belgium still has a wooden shoe industry, much of the production being shipped to France, Germany, and the Netherlands.

Raindrops and snowflakes are usually charged with electricity.

Poultry experts at the Ohio State University find that when chickens are fed a ration rich in vitamins A and D they lay eggs that have better food value than if the ration is low in these valuable vitamins.

## WITH THE SCIENCES THIS WEEK

**C**URIOSITY-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.

### AGRICULTURE

What are some possible causes of the mysterious disease lurking in grain from certain parts of the Northwest? 335

### ANTHROPOLOGY

How does a prominent anthropologist picture the first degree murderer? p. 344

### ARCHAEOLOGY

How is the cave man pursuing the woman in the scene found cut in the all of a cavern in France? p. 337. *Our Prehistoric Ancestors—H. F. Cleland. New York, McCann, 1928, \$5.*

What discovery of a church ruins in Syria has recently astonished archaeologists? p. 345  
What is the mystery of the prehistoric mound in Cuba explored by H. W. Krieger? p. 340

### ASTRONOMY

How did the earth nearly get a second moon? p. 346. *The Earth and the Stars—C. G. Abbot. New York, Van Nostrand, 1925 \$5.*

### BIOCHEMISTRY

What kind of light makes vitamin A from carotene? Can you see it? 336

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What is the only way a person can get a case of ivy poisoning? p. 346

### CHEMISTRY

Where would it be possible for gasoline to extinguish chemistry? p. 340

### DESIGN

What is wrong with the shape of movie screens now? p. 341. *A Million and One Nights—Terry Ramsaye. New York, Simon and Schuster, 1926, \$10.*

### ENGINEERING

Must the concrete in massive structures be refrigerated? p. 337

### ENTOMOLOGY

What is a more correct name for June bugs? p. 345

### GEOGRAPHY

Why should the incorrect location on maps of the Belcher Islands be important? 335

### ICHTHYOLOGY

What two species of game fish have been given new homes in Glacier National Park? p. 344

### MEDICINE

How much ultraviolet radiation is needed to cure or prevent rickets? p. 341  
What do anti-tuberculosis crusaders in Italy think of the Fascist salute? p. 344

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How were an American engineer and a German physicist recently honored? p. 340  
What is happening to tin when it "cries"? p. 336

### PHYSIOLOGY

Should people who suffer from headaches "watch" their diet? Why? 336

### PSYCHOLOGY

How often does the average college student wink? p. 336  
Why did a child tell of seeing people no bigger than toys? p. 338. *Studies in Deceit—Hugh Harishorne and Mark A. May. New York, Macmillan, 1928, \$4.50.*