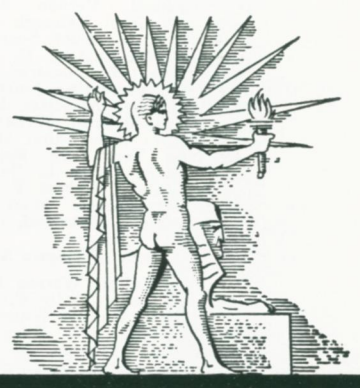
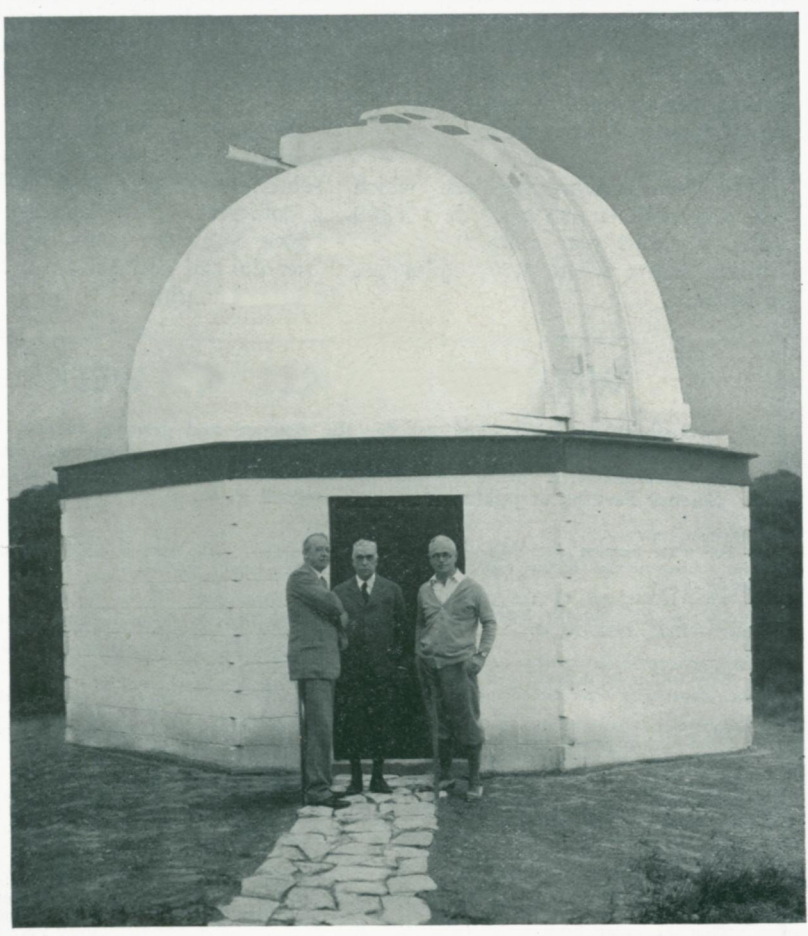


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# SCIENCE NEWS LETTER



THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



OCTOBER 22, 1932

Motion Picture Photographers of the Skies  
See Page 258

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## DO YOU KNOW THAT

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The plant we call Jack-in-the-pulpit was named by the Iroquois Indians Baby-in-the-cradle.

Breeding grounds of the pink-footed goose are being sought in remote regions of Iceland.

The oldest tree in Scotland is said to be a yew tree in Glen Lyon, which has an estimated age of more than 2,500 years.

The U. S. Department of Agriculture says that both ripe and green olives contain abundant quantities of vitamin A.

A seventeenth century astronomer, who made the first map of the moon, named the mountain ranges after famous ranges on the earth.

The Pan-American highway, which will eventually stretch more than 9,800 miles, was this year completed in the Chilean sector, where 1,577 miles had to be built.

Tests by the U. S. Forest Service show that pound for pound burning pine wood gives off more heat than hickory.

New Zealand scientists lean to the view that New Zealand and Australia were never joined in the same land mass.

When heavy snowfall covers airports in mountainous central Idaho, a runway is made by compressing the snow with a roller.

A University of California expedition which collected mammals on St. Lawrence Island, Alaska, found five species: collared lemming, meadow vole, saddle-backed shrew, ground squirrel, and red-backed vole.

Perhaps the newest thing in service industries is "telephone answering"; a subscriber can go out to lunch or off to a conference, knowing that when his phone rings, the answering service will take the call and handle it for him in secretarial fashion.

## 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 articles, but are references for further reading. Books cited can be supplied by Librarian, Science Service, at publisher's price, prepaid in U. S.

### ARCHAEOLOGY

For what purpose does Mrs. Nuttall think the four-corridor Monte Alban mound was used? p. 261.

What is the age of the oldest American house? p. 257. *Ancient Americans—Emily C. Davis—Holt, 1931, \$3.50.*

### ARCHAEOLOGY-ENGINEERING

Why will it be difficult to hold a protecting roof down over Casa Grande? p. 260.

### ASTRONOMY-PHOTOGRAPHY

What kind of camera was used to take movies of the heavenly bodies? p. 258

### BOTANY

With what prized tropical furniture wood does the persimmon claim relationship? p. 266.

### CHEMISTRY

What vitamin has the pecan been found a good source of? p. 260.

### ENGINEERING

What generating capacity is concentrated at Niagara Falls? p. 261.

Where has a mountain-top drive been opened? p. 262.

Why were super-balloon tires put on tractors? p. 257.

### ENTOMOLOGY

For what purpose are houseflies scientifically raised? p. 255.

### INVENTION

How many electric lamps in series be made to signal the lamp causing failure? 261.

### MEDICINE

What does a person on the Fort Benning Army post pay for a year's unlimited medical service? p. 261.

### METEOROLOGY

Where is the farthest north Canadian Polar Year station? p. 262.

### PALEONTOLOGY

How is the mastodon bone pit at Bayou Manchac being surveyed? p. 260.

What expedition obtained hitherto unknown Badlands fossils? p. 265.

What is a lemur? p. 256.

What is the weight of teeth of the largest woolly mammoth find yet discovered in the East? p. 255—*Paleontology—Edward Wilber Berry—McGraw-Hill, 1929, \$3.50.*

### PHYSICS

How many volt-electrons of energy can now be given hydrogen molecule ions? p. 256. *New Frontiers of Physics—Paul R. Heyl—Appleton, 1930, \$2.*

### PHYSIOLOGY

How long can an acclimated person exercise in rarefied atmosphere? p. 255. *The Respiratory Function of the Blood—Joseph Barcroft—Cambridge Univ. Press, 1925, \$5.*

### PSYCHOLOGY

Give six rules for success with political propaganda. p. 266.

### PUBLIC HEALTH

How did discarded storage batteries cause lead poisoning? p. 256.

### SEISMOLOGY

How many earth shocks were felt at Pasadena, California, during a recent period of little more than two days? p. 260.

### STANDARDS-PSYCHOLOGY

How many automobile license plates are readable at the proper distance? p. 262.