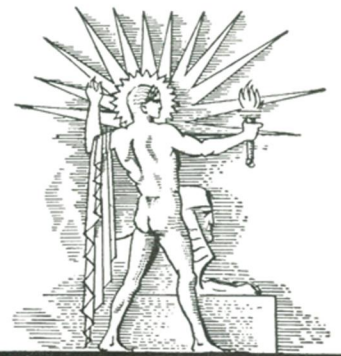
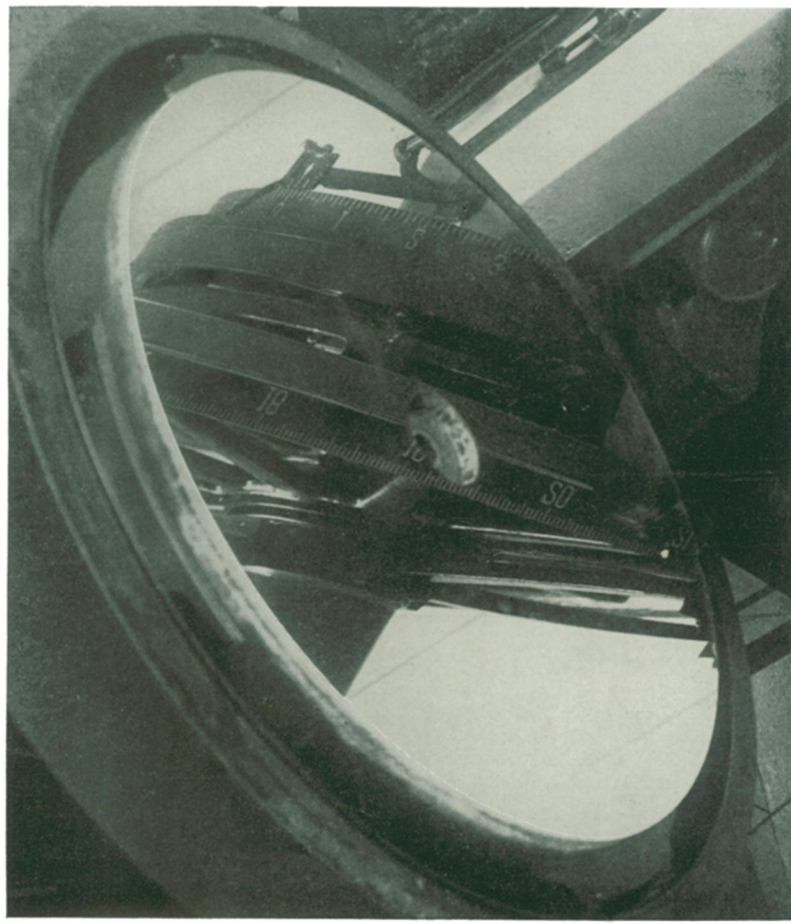


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



JULY 22, 1933

Looking Glass of Stars

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## DO YOU KNOW?

An emerald weighing a carat is bigger than a diamond of the same weight.

The flintlock gun and the bayonet were both introduced to warfare in the seventeenth century.

A marble head of the Emperor Tiberius has been unearthed at the ruins of Paestum, near Naples.

The thick hide of an Indian rhinoceros looks as if it were laid on in big sections, like armor plate.

The chemical element caesium was not named for Julius Caesar but from the Greek word for sky blue.

Since 1840, the shore line of New Jersey has retreated at an average rate of a foot and a half a year.

England's royal air force has a new long-range bombing plane which carries a crew of ten and is equipped with six motors.

A health commissioner has said that the death rate in Chicago could be reduced one-sixth if smoke were eliminated from the city air.

A British air pilot recently observed what appeared to be ruins under the Mediterranean, and divers sent down found columns and walls of an old seaside town.

Ships have sailed entirely round the Antarctic continent just five times.

Whale meat, which tastes very much like beef, is a standard meat in Japan.

Proof that it is impossible to square the circle was published by a German mathematician in 1882.

Dyak girls express hero-worship by throwing fresh eggs at a head hunter returning with a trophy.

Despite their ability to haul heavy loads, elephants have a tendency to have weak hearts.

A firm of American architects has completed plans for a village of medium-priced homes on waterfront land in Devonshire, England.

A new kind of ice box has a fan between the ice and food compartments and is said to provide the efficiency of mechanical refrigeration at less cost.

The London Zoo has a new Gorilla House, which is divided into winter and summer apartments and has air conditioning apparatus.

When the gong sounds for roll call in the New York State prison at Attica, each man in his cell operates a button which lights a lamp back of his cell number in the keeper's office.

## WITH THE SCIENCES THIS WEEK

## ARCHAEOLOGY

Who is exhibiting the Monte Alban jewels in Chicago? p. 51

## ASTRONOMY

What material is used in the Perkins Observatory large telescope mirror? p. 56. *Man and the Stars*—Harlan T. Stetson—McGraw-Hill, 1930, \$2.50.

## DERMATOLOGY

Is cold cream bad for the skin? p. 57. *1001 Tests of Foods, Beverages and Toilet Accessories*—Harvey W. Wiley—Hearst's International Library Co., 1914, out of print.

## ETHNOLOGY

Who are the Croats? p. 52.

## GENERAL SCIENCE

What was the idea behind the founding of Science Service? p. 62.

What uses are specified for the public works funds allotted to scientific bureaus? p. 61.

## ICHTHYOLOGY

How did the little suckers survive the swift mountain streams of Virginia? p. 56.

## MEDICINE

How is amyl nitrite administered as cyanide antidote? p. 55.

Is susceptibility to cancer a dominant trait? p. 52.

What is the criterion of cancer cure in man? p. 51.

What is the outstanding symptom of hyperinsulinism? p. 57.

## MEDICINE—ARCHAEOLOGY

What children's disease is known to date back 4500 years? p. 56.

## MINING

In what Department is the U. S. Bureau of Mines located? p. 51. *Bureau of Mines—Brookings Institution*, 1922, \$1.

## PALEONTOLOGY

Is an ostrich anything like a dinosaur? p. 53. *The Origin of Birds*—Gerhard Heilmann—Appleton, 1927, \$7.50.

## PSYCHOLOGY

What form do insane delusions of grandeur commonly take? p. 54.

*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 of 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.*