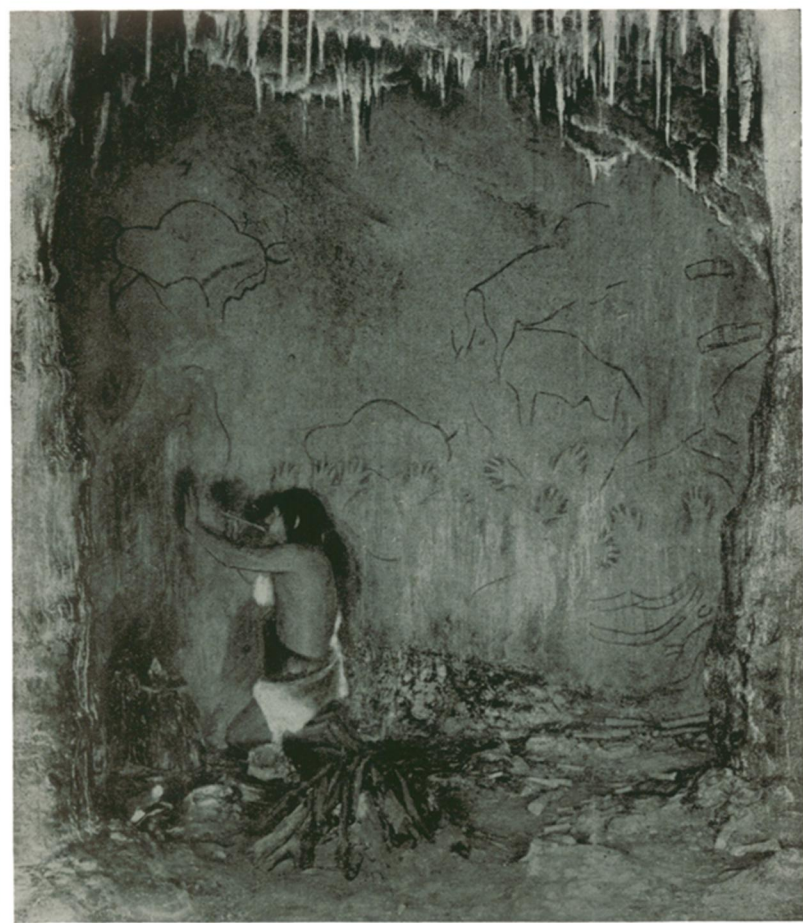


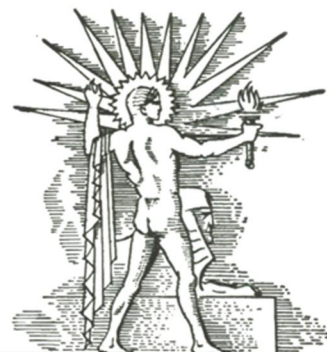
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THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



Field Museum



AUGUST 5, 1933

Birth of Art

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DO YOU KNOW?

Two hundred bees weigh about a pound.

Almost half a million square miles of Arabia remain to be explored by the foreigner.

A British report says that in the past 50 years 58,000 men have been killed in British coal mines.

Birds are remarkably light in weight because their bones are hollow instead of being filled with marrow.

A physician estimates that seven per cent. of the population suffer from the periodic headaches known as migraine.

The falling birthrate in the United States is chiefly a city phenomenon, and the decline is much less in rural areas.

Game commissioners urge the public not to rescue supposedly "lost" fawns, for the mother is generally waiting nearby.

Raw pineapple contains a substance which prevents jelling, and therefore fresh pineapple must be cooked before it can be used in gelatin.

Some of the pygmies of Africa do not know how to kindle fire and depend on borrowing fire when a hearth-fire goes out.

A new and simple magnetic instrument developed by the General Electric Company can be used to measure lightning currents.

The ancient Romans were acquainted with many of the remarkable beasts of Asia and Africa, from seeing them in zoological shows.

Arsenic was used in coloring some of the old fashioned wall papers, but it was found that individuals could be made ill by arsenic particles coming loose in the air or forming gas.

In the days of the Roman Caesars, the Emperor Augustus halted a tendency for buildings to climb skyward by setting a height limit of 68 feet.

Weather men make their thermometer readings in the shade in order to record the temperature of the air: a reading in the sun would record the heat accumulated by the thermometer itself from the sun's heat.

WITH THE SCIENCES THIS WEEK

AGRICULTURE

How is soil erosion controlled? p. 83.

Ernest Antevs—American Geographical Society, 1928, \$3.50.

ARCHAEOLOGY

How many Jews did Nebuchadnezzar carry away captive? p. 93.

What is the plan of the famous Newark, Ohio, earthworks? p. 92. *The Mound Builders—Henry C. Shetron—Appleton, 1930, \$7.50.*

Why did hazelnut butter keep 2,700 years? p. 87.

ICHTHYOLOGY

How do fish change color? p. 88.

MEDICINE

How many persons can be vaccinated against smallpox with virus made from 28 eggs? p. 85. *Edward Jenner and the Discovery of Smallpox Vaccination—Louis M. Roddis—Geo. Banta, Pub. Co., 1930, \$1.*

How may a person's blood be put in fighting trim against cancer? p. 89.

What causes argyria? p. 88.

What are the Faeroe Islands? p. 92.

ASTRONOMY

How many types of expanding universes does Professor de Sitter describe? p. 83. *The Expanding Universe—Sir Arthur Eddington—Macmillan, 1933, \$2.*

Is Wolf's comet visible to the naked eye? p. 89.

PALEONTOLOGY

What four types of mankind preceded true men on earth? p. 93. *Human Origins—George Grant MacCurdj—Appleton, 2 volumes, 1924, \$10.*

What is the relation of Sinanthropus to modern man? p. 90.

BOTANY

What is the root of the pokeberry good for? p. 95.

PUBLIC HEALTH

How has the depression affected children? p. 88.

CHEMISTRY

How do paraffins and fatty acids mix? p. 89.

SEISMOLOGY

What part of the world has been subject to a number of recent earthquakes? p. 84.

ENGINEERING

Will the building of the Navy's new ships be guided by research? p. 94.

EVOLUTION

What is the age of the oldest human remains found in Europe? p. 85.

GENERAL SCIENCE

Where does the suggestion for "research tithes" come from? p. 95.

GEOLOGY

What is the Wegener hypothesis of "continental drift?" p. 84. *The Last Glaciation—*

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.