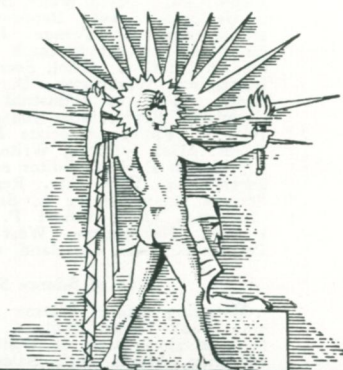
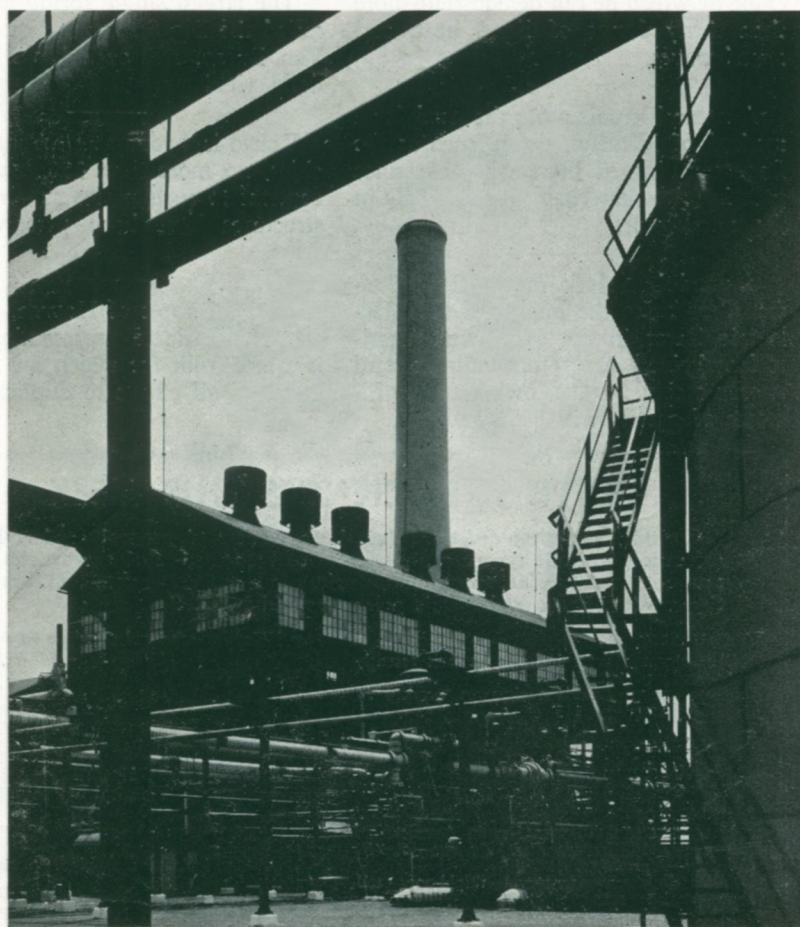


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



AUGUST 20, 1932

Cradle of Hydrogen, Wonder-Worker

See Page 111

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DO YOU KNOW THAT

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Most of the vegetables grown in the United States can be grown in Alaska.

All fishes apparently contain iodine, usually in minute quantity.

Wood impregnated with rubber is being used for some parts of violins.

Butter is the one food which may be artificially colored without being so labeled.

About one-half the world's lepers are in China.

The Nisqually Glacier in Mount Rainier National Park is receding approximately seventy feet each year.

A man standing at the North Pole is about thirteen miles closer to the center of the earth than a man standing at the Equator.

A new law in Costa Rica requires that bakeries mix ten per cent. of the native yucca flour with wheat flour used in bread making.

A physicist at the University of Cincinnati has devised a wave-motion machine by which he can demonstrate more than thirty forms of light, heat, and sound waves.

The largest single spring in America, called the Big Spring and situated near Van Buren, Missouri, has a maximum daily yield of 711,000,000 gallons.

A naturalist points out the need for a method of identifying fish, such as the finger-printing of human beings; since growing fish may change confusingly in shape and color.

Tokyo is a youngster among Japanese cities, no more than 350 years old; in contrast to such places as Kyoto where structures have been preserved 1,300 years.

A pendulum clock, moved from Ottawa, Canada, to the mouth of the Mackenzie River in the Northwest Territories, gained about one minute and twenty seconds a day, owing to the increase of gravity with latitude.

In the Temple of Heaven, in Peking, China, the dome representing the sky is a rare color for which the formula is lost, and all efforts to duplicate it have failed.

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.

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What ancient American city was wrecked by tropical plants? p. 113

ANATOMY

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ANTHROPOLOGY

How long ago did man live in America? p. 118—*Ice Ages, Recent and Ancient—A. P. Coleman—Macmillan*, 1926, \$4.

What do three new-found thighbones tell about ancient man? p. 119
Who is Lloyd's lady? p. 123

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Why do astronomers ask for "lights out"? p. 117

Where can a new comet be seen? p. 118—*The Romance of Comets—Mary Proctor—Harper*, 1926, \$2.50.

When will an autogyro expedition fly over the White Mountains? p. 116—*Eclipses of the Sun—S. A. Mitchell—Columbia University Press*, 1932, \$5.

BOTANY

What friend to the sugar planter was found in Louisiana soil? p. 123

What popular August vegetable was grown 1,000 years ago by the Indians? p. 123

CHEMISTRY

What process produces oil at 3,600 pounds pressure and 1000 degrees F.? p. 111—*Proceed-*

ings Third International Congress on Bituminous Coal—Carnegie Institute of Technology, 1932, 2 vol., \$15.

ENTOMOLOGY

Will scientists be successful in their new war on the gypsy moth? p. 113

ENTOMOLOGY-PUBLIC HEALTH

What new war are airplanes engaged in? p. 112

MEDICINE

Who first isolated morphine? p. 120

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Why are scientists interested in Prof. Piccard's balloon ascent into the stratosphere? p. 119—*Electricity and Magnetism—Charles A. Culver—Macmillan*, 1930, \$3.25.

PHYSIOLOGY

What did forty-seven little goldfish do at Yale University? p. 113

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Are girls more devoted to their fathers than to their mothers? p. 111

PUBLIC HEALTH

For what disease has the death rate spurted upward alarmingly? p. 121

RADIO-ASTRONOMY

How will sunspots affect radio observations of the eclipse? p. 117

Where will neutral corpuscles be tested? p. 117

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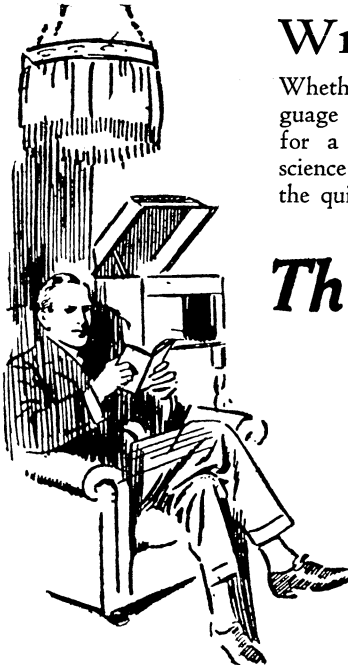
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