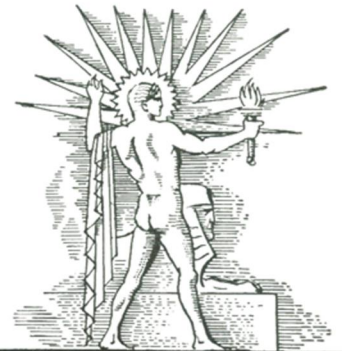


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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



APRIL 8, 1933

Cold Pole of the United States

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DO YOU KNOW?

The height of a British fog will be measured by a small, instrument-carrying balloon.

Chicago felt a temperature drop of 61 degrees in 24 hours, one memorable November day in 1911.

Chemists in this country have been experimenting with hazelnut oil, which is said to be a popular salad oil in Switzerland.

Strips of a recently developed non-deteriorating rubber road are to be laid in Penang, Straits Settlements, for service tests.

A sailboat of fabricated iron plates, welded together, is being built, with the idea of producing a boat proof against the boring attacks of shipworms.

Infra-red photography is found to have medical uses: for example varicose veins unnoticed by the eye have shown up in infra-red photographs.

Cornell University reports that merely by rearranging furniture 8,860 households in New York State have increased home comfort without spending money.

Fruit growers in the Hudson Valley of New York sold no less than 99 varieties of apples in 1931, a survey shows.

The atmosphere in the city of Lyons, France, is distinctly darker today than forty years ago, says a scientist who compared atmospheric records.

Grand Forks County, North Dakota, figures that by spending \$13,000 for poison grasshopper bait last year, the county saved \$400,000 worth of crops.

The fastest transportation of plants on record is claimed for a shipment of rhododendron cuttings which went from England to California in eight days.

It costs about a cent a mile more to operate the average automobile on a gravel road than on smooth pavement, and one cent more on earth road than on gravel.

Since liver treatment has turned pernicious anemia into a curable disease, some research workers say that it is hard to find enough anemia patients to provide data for further studies.

WITH THE SCIENCES THIS WEEK

AERONAUTICS—METEOROLOGY

What is a "line storm"? p. 222.

ARCHAEOLOGY

Why were "ostraka" important to ancient Greeks? p. 212.

ASTRONOMY

How long was the meteor of March 24 visible? p. 221

Why will not the Pons-Winnecke comet come as close to the earth on its present visit as in past years? p. 216.

BACTERIOLOGY

What races used bacteria instead of yeast in beer-making? p. 221.

CHEMISTRY

What acid is vitamin C? p. 212. *The Vitamins—H. C. Sherman and S. L. Smith—Chem. Cat. Co., 1931, \$6.*

What vitamin does brewer's yeast yield? p. 216.

DENTISTRY—PHYSICS

Can dental fillings give you an electric shock? p. 223.

ETHNOLOGY

Are the Jews a race? p. 217.

GENERAL SCIENCE

Why do scientists acclaim the appointment of Dr. Briggs to the directorship of the U. S. Bureau of Standards? p. 211. *The Bureau of Standards—Brookings Institution, 1925, \$2. Service Monograph.*

GEOLOGY

Why is Carbon Mountain famous? p. 211.

HYGIENE

What is the best posture exercise? p. 217.

MEDICINE

Do rats develop cancer more readily than guinea pigs? p. 211.

METEOROLOGY

What extreme of cooling power has been reached on Mt. Washington? p. 223.

PHARMACOLOGY

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PHYSICS

What is learned about isotopes with the mass spectrograph? p. 213.

PSYCHOLOGY

Do large or small families make for emotionally better adjusted couples? p. 215.

How long does it take infants to learn to reach almost as well as adults? p. 212.

How many children be stimulated most in their school work? p. 216.

ZOOLOGY

How can a hibernating animal be aroused? p. 222.

What are crinoids? p. 220. *A Naturalist at the Seashore—William Crowder—Century, 1928, \$10.*

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 U. S.