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Texas Telescope

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DO YOU KNOW?

Needles of the longleaf pine sometimes grow 18 inches long.

Individuals differ so in keenness of smell and taste that some flowers seem fragrant to some people and odorless to

Copper can now be used in exposed places without tarnishing, as a result of fusing a thin, flexible silicate coating to the copper.

The banana tree is more properly called a herb, since it has no wood stem and the trunk is merely leaf stalks clustered together.

A 20 volume edition of the flora of the Soviet Union has been completed by Russian botanists, and it is said to contain over 20,000 species of plants.

The most beautiful photographs of trees in America are sought by the American Forestry Associaton for a collection to be exhibited throughout the country.

Chickens sometimes suffer from a disease which causes their wattles to swell.

Some of the sharks that lived millions of years ago were giants with jaws five feet wide.

Not all snails are slow: the ear shell snail of the Channel Islands can speed along at the rate of six yards a minute.

The number "pi", which children learn as 3.1416, has been carried out to hundreds of decimal places by calculators, one setting the record with 707 places.

Mountain plants are often dwarf, scrubby specimens, but in the Himalayas giant plants with bright colored blossoms are found at altitudes as high as 18,000 feet.

Going-to-the-Sun Highway, in Glacier National Park, has been opened to the public, thus providing a scenic route across the Rockies linking the east and west sides of the Park.

WITH THE SCIENCES THIS WEEK

AGRONOMY

Who caused farmers to stop raising "pretty" corn? p. 127. Corn and Corn-growing—H. A. Wallace and E. N. Bressman—Wallace Publishing Co., \$2.25.

ARCHAEOLOGY

What kind of feeding bottles did babies of the ancient Greeks use? p. 124.

When did iron come into common use? p.

ASTRONOMY

How large is the mirror for the new Naval Observatory telescope? p. 120.

How was the period of rotation of Saturn determined? p. 115. Astronomy for Everybody—Simon Newcomb—Garden City, 1932, \$1.

In what three forms will it be possible to use the new McDonald Observatory telescope? p.

What is the greatest temperature of the sun?

Where is the second eclipse of 1933? p. 126.

BACTERIOLOGY

What is bacteriophage? p. 126.

BIOLOGY

How may albino frogs be produced? p. 117. What is the size of the smallest known living things? p. 123.

ECONOMICS

What are two old examples of crop limitation? p. 122.

What farming lands may be abandoned in the resettling of America? p. 116. The Pioneer Fringe—Isaiah Bowman—American Geographical Society—1931, 361 p., \$4.

GEOPHYSICS

Do rocks "attract" lightning? p. 120.

MEDICINE

Can cancer be treated with minerals in the blood? p. 121.

ORDNANCE What is a "boat tail" bullet? p. 125.

PALEOBOTANY
When were Canadian forests in Illinois? p.

121.

How are neutrons produced? p. 121. What is ortho-hydrogen? p. 120.

What part of a monkey's brain controls his tail? p. 120. The Brain From Ape to Man—Frederick Tilney—Hoeber, 1928, 2 vol., \$25. Will animals live when their hemoglobin is outside the red blood cells? p. 122.

PLANT PHYSIOLOGY
What seeds failed to sprout in heavy water?
p. 116.

PSYCHOLOGY

Are children afraid of traffic? p. 118.

PUBLIC HEALTH

How are selenium sprays most dangerous?

How much did tuberculosis curtail average length of life in 1920? p. 124. Procedures in Tuberculosis Control—Benjamin Goldberg—F. A. Davis Co., 1933, \$4.

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.