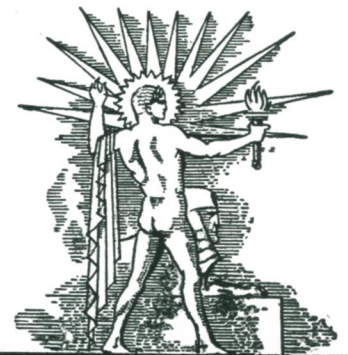


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THE WEEKLY SUMMARY OF CURRENT SCIENCE •



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DO YOU KNOW?

Smyrna in Turkey is now officially Izmir.

The seed stores of birds sometimes start new forests.

Probably no vegetable can be used in more ways than the onion.

Australia's funnel-web spider is scarcely bigger than a housefly, but its bite can kill.

By a new method, monograms may be welded to textiles, so that the initials will stand long wear and washing.

British chemists have produced a new range of dyes which they pronounce perfect for artificial silk made of acetates.

Trunkless fruit trees, resembling bushes, are found to yield more fruit and also to stand wind and winter damage better than trees with trunks.

Two women are superintendents of Indian agencies: Dr. Sophie Aberle, at the United Pueblos Agency, Albuquerque, New Mexico, and Alida Bowler at the Carson Indian School and Agency, in Nevada.

Bread loses practically none of its vitamin B in the baking.

One of the transcontinental air lines has re-routed its planes so that they fly over the Grand Canyon by daylight.

The crab-eating seal was one of the rare specimens collected by the second Byrd expedition to the Antarctic.

Naturalists report that albinos are more common among animals of the rodent order than among other kinds of mammals.

The first finger of a woman's hand is apt to be longer than the third finger, whereas a man's first finger is likely to be short.

The average amount of soil removed from clothes by the dry cleaning process is approximately 5 per cent. of the weight of the garment.

There are three things that children would rather do than listen to a radio, says one psychologist, and they are, in order: 1, go to the movies; 2, listen to an orchestra on the stage; 3, read the comics.

WITH THE SCIENCES THIS WEEK

Most articles are based on communications to Science Service or papers before meetings, but where published sources are used they are referred to in the article.

ARCHAEOLOGY

What Bible queen may have married King Xerxes? p. 133.

ATRONOMY

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When will spring arrive? p. 138.

BIOLOGY

How do cells breathe? p. 131.

CHRONOLOGY

Will February 29 set our calendar right again? p. 134.

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Is the pressure of ice in the soil the same at zero as at the freezing point? p. 141.

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In what four fields should scientists look for future conquests? p. 136.

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MEDICINE

Can leprosy be cured or arrested? p. 141.

Is medical training at fault for the high maternal deathrate? p. 134.

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PHYSICS

What discovery was made through the use of cosmic rays? p. 132.

PHYSICS-BIOLOGY

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Does the Milky Way send us radio messages? p. 131.

ZOOLOGY

What are pandas like? p. 137.