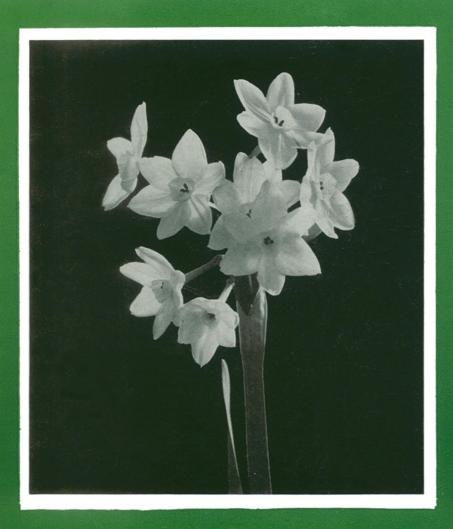
SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE.





APRIL 15, 1933



A Flower For Easter

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DO YOU KNOW?

A rust-resisting tin plate is now on the market.

In three years, smoke in St. Louis was reduced fifty per cent.

At birth, the body of a human being is well stocked with iron but is poor in calcium.

Primitive natives in Australia believe that white men are ghosts of dead

The building in which the Roman Senate met is being restored by Italian archaeologists.

In the earliest Babylonian calendar, the names of eight of the twelve months of the year refer to grain.

Swedish ski-jumpers may soon try aluminum skis which weigh less than half as much as hickory skis.

An Army doctor writes that as yet Filipinos have no racial immunity against tuberculosis, and deaths from this disease are increasing among them.

The world gets about 44,000 thunderstorms a day, on the average.

Food is perfectly safe if left standing in a can under proper conditions of storage after the can is opened.

If glass containing manganese is exposed long to the brilliant light of the desert, it turns amethyst pink.

Nearly 40 per cent. of the people in the United States owe their living to industries that did not exist 40 years

The Chinese Emperor Yu, 2200 B.C., traveled far into the west of China and has been called the first Chinese explorer.

An infra-red room is being built in a race-horse stable in Ohio in the belief that horses need these rays as well as humans.

A powerful radio station nearing completion in Luxembourg will be devoted to international commercial advertising in different languages.

WITH THE SCIENCES THIS WEEK

Archaeology
Where is the only known hexagonal "kiva?"

p. 227. Why is it thought that Stone Age men may have used wooden tools? p. 228.

ASTRONOMY-METEOROLOGY

How many variables does Dr. Abbot use to forecast solar radiation? p. 228.

BIOPHYSICS

What changes the sound of a tapped bone? p. 232.

Is the Easter Lily a proper Easter flower?

p. 253.
What kind of leaves do bog and desert plants have? p. 233. The Plant in Relation to Water—N. A. Maximov—Macmillan, 1929, \$6.50.

What is the effect of agar-agar on bread? p.

Ecology How do birds know when to migrate? p. 239.

ENDOCRINOLOGY

What is cortin? p. 227.

ENGINEERING

What kind of mattress is put on a river bed? p. 236.

Engineering-General Science
What is the overall efficiency of the automobile? p. 234.

ENTOMOLOGY-PSYCHOLOGY Where are a katydid's ears? p. 232.

To what height have climbers ascended Mt. Everest? p. 230. The Story of Everest—John Noel—Little, Brown, 1927, \$4.

Are you likely to have cancer because one of your ancestors had it? p. 228.

MEDICINE

What is hexuronic acid thought to be? p.

229. Why should physicians use dilaudid sparingly? p. 232.

METEOROLOGY—ARCHAEOLOGY

How did Inca farmers fight frost? p. 236.

PHARMACOLOGY

Why cannot methylene blue win the fight against large concentrations of cyanide? p. 234.

How may premature aging of women be prevented? p. 232. Sex and Internal Secretions— Ed. by Edgar Allen—Williams & Wilkins, 1933,

Which sex of rats stands illuminating gas better? p. 238.

PSYCHOLOGY

Does indiscriminate punishment hasten learning? p. 233.

PUBLIC HEALTH

How may electric refrigerators have reduced smallpox? p. 236.

VITAL STATISTICS

What proportion of those who die in automobile accidents are children? p. 227.

ZOOLOGY What is the aardvark? p. 229.

These curiosity-arousing questions show at a 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.