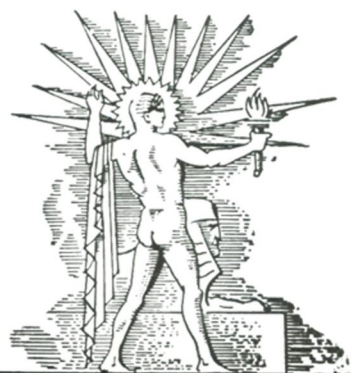
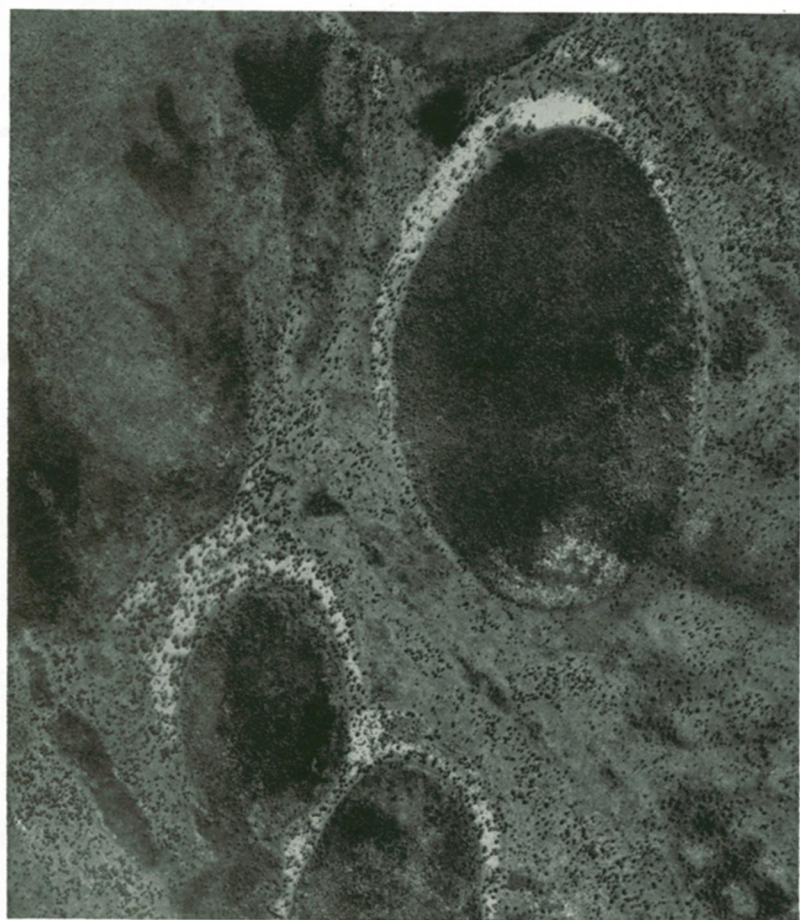


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# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE ●



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See Page 63

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## DO YOU KNOW THAT

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Thunder seldom is heard more than fifteen miles.

More native species of grapes have been found in the United States than in all other countries.

It is estimated that dentists in this country treat 24 million patients a year, the average bill for the year being \$18.

A children's hotel where parents may leave children for a night or more in some emergency, has been established in Berlin.

Approximately 8,000 people were engaged in placer gold mining in California last year, panning out gold amounting to \$450,000, compared with \$163,000 in 1931.

Heavy snows are a danger signal to orchard growers: rabbits and other rodents eat tree bark as an emergency ration when snow and ice cut off their usual food supplies.

One Wisconsin county has obtained the "startling and appalling" information that among 400 rural school children almost one-fourth drank no milk, and another fourth drank only one cup a day.

The nun parrot of South America has a cowl over its head.

A campaign against adenoids is being waged by child-welfare aides in Italy.

Two new varieties of strawberries and a purple raspberry are announced by government plant breeders.

The North Pole is at sea level, whereas the South Pole has a mountainlike elevation of some 10,000 feet.

In the past five years, one farm in nine in the United States has changed hands because of financial difficulties.

A Roman expedition, in the days of the Emperor Nero, set out for Africa to explore the River Nile to its source.

The Chinese government is resolved to put a stop to the disastrous floods on Chinese rivers, and engineering experiments to that end are now going forward in a German research institute.

Florida will exhibit at the Century of Progress Exposition in Chicago an array of exotic fruits of the tropics, such as the Governor's plum and the Monstera deliciosa, with a view to acquainting the public with these fruits which the Florida climate can produce.

## WITH THE SCIENCES THIS WEEK

### ANTHROPOLOGY

What bones of Peking man were discovered recently? p. 57.

### BOTANY

What plants are found in both the coldest and warmest earth waters? p. 53.

Why are most new flowers named for married women? p. 58.

### CHEMISTRY

Why can ethyl alcohol no longer be called "grain alcohol" with accuracy? p. 52. *Creative Chemistry*—Edwin E. Slosson—Century, 1930, \$3.50.

What two vitamins does ultraviolet light help to form? p. 52.

### ENGINEERING

Who is Howard Scott? p. 63.

### ENGINEERING-ECONOMICS

Who were two prophets of Technocracy? p. 51. *The engineers and the Price System*—Thorstein Veblen—Viking Press, 1933, \$1.50.

### GENERAL SCIENCE

What are the entrance requirements to the super-university? p. 54. *The Quality of the Educational Process in the United States and in Europe*—William S. Learned—Carnegie Foundation for the Advancement of Teaching, 1927.

### GENETICS

Why did Wisconsin farmers reduce their barley crop? p. 55.

### GEOLOGY

Is lime in Lake Mendota, Wis., precipitated by bacteria near the top or the bottom of the water? p. 57.

### METEOROLOGY

When can the highest clouds be seen? p. 51. *Physics of the Air*—W. J. Humphreys—McGraw-Hill, 1929, \$6.

### PHYSICS

How will water relieve a room of stuffiness? p. 58.

Is there more ultraviolet radiation at sea than on land? p. 56.

### PSYCHOLOGY

How is methylene blue used to fight cyanide and carbon monoxide poisoning? p. 53.

What does insulin do to thin people? p. 53.

### PSYCHOLOGY

How may a city man's attitudes vary on prohibition? p. 61.

What is the blind spot in the human eye? p. 56.

Why will the blind be aided if they are taught mimicry? p. 57.

### ZOOLOGY

Are antelopes at Nemiskam, Alberta, conscious of their captivity? p. 52.

Why is the groundhog blamed for the weather? p. 63.

*These curiosity-arousing questions will be especially valuable to the teacher. 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 Librarian, Science Service, at publishers' prices, prepaid in U. S.*