

THIS EARTH OF OURS



WHY THE EARTH TREMBLES

Last month you read about changes that continually take place on this big, big ball called earth, where we live. Wind and water cause high places to be low. Of course, it takes many, many years to level these high places.

The volcano as you have learned, also raises low places and lowers high places. The volcano is also one of the causes of the trembling of the earth. This trembling of the earth is known as earthquake. No matter how young you may be, you must have felt the earth tremble sometime. Often the trembling is slight and no harm is done to people except frightening them a little. At times, the earthquake is so severe that buildings are destroyed and people are killed.

In 1911, the Taal Volcano in Batangas erupted. It sent out fire and very, very hot melted rock. Many people and animals were killed.

Have you seen the film "San Francisco"? It showed what happened to the city of San Francisco in California at the earthquake of 1906. The great loss of property then was due, not so much to the quake, as to the fire that broke out because of the quake. This earthquake was not caused by a volcano but by the movement of great rocks inside the earth.

A very famous volcano is Mt. Vesuvius in Italy. It erupts from time to time, but the most destructive was the one that took place in the year 79. We are now in the year 1936, so the eruption happened

AUNT JULIA'S

ANT WAYS

Bits of sweet food left on the table will soon attract ants. If you observe ant ways, you will find them very interesting. Ants are always at work. They gather food whenever and wherever they can. They gather food not only for the day but store food for the rainy season when they cannot go out and when food is hard to find. They work not only during the day. When there is moonlight, they also work at night.

Ants live in big families called colonies. Those who live in a nest are divided into three classes: the wingless workers and the winged males and females. There are nurses that take care of baby ants. Next month I shall tell you more about the interesting family life of ants.

There are many kinds of ants. Some ants wage war against others. The captives become slaves.



Some have herds of *cows* for ants are fond of milk. But their *cows* are tiny animals called aphids. The ants are good builders, too.

The ants have a very strong sense of smell. Have you seen ants kissing each other? They recognize each other and *talk* with each other with their *feelers*, which look like whiskers.

Read in this column of "The Young Citizen" next month about the home life of ants.

almost 1900 years ago. The hot melted rock that the volcano sent out flowed in boiling streams down to the nearby cities. There was so much of this melted rock or lava and ashes that two cities were completely buried. They were Pompeii and Herculaneum.

The eruption of volcanoes at times causes islands and mountains to appear and disappear, at the middle of the ocean.