

tion, or after a short artificial ripening, as with oranges. Oranges and lemons are imported from California and Florida; pineapples from Southern United States, Hawaii, Bahamas and other warm countries; bananas from Central America, the Bahamas and the West Indies; dates from Northern Africa; currants from the Ionian Islands and Greece; raisins from Spain; figs from Smyrna. Tons of grapes, packed in

sawdust, come from Spain. Raisins and currants are merely dried grapes and come chiefly from countries in the south of Europe. Valencias and Sultanas are varieties of raisins; the latter contain no seeds and are chiefly for making cake. They are grown in Turkey—hence the name. Prunes are dried plums. The fig is another dried fruit. The date is the fruit of the date-palm, and has been called the "bread of the desert."

The Glacial Period.

(Continued.)

By Prof. A. W. Kneeland.



CLOSED my last paper by a reference to the three prevailing theories regarding an "Ice Age:" (1) The "Flood Hypothesis, (2) the "Drift Hypothesis," and (3) the "Ice-cap Hypothesis."

As I have already said, the advocates of the third hypothesis rely for evidence mainly upon the known erosion of rocks and the glacial deposits by the movements of glaciers in modern times in Europe and America.

The results of ice movements over the surface of the earth are broadly as follows:—

1. The rounded and comparatively smooth outline given to projecting rocks, as compared with the more pointed forms due to what is commonly called "Weathering."

2. The grooving or striation of these rounded rocks by the passage of ice-imbedded rocks over them, the grooves

or striæ indicating the direction of the ice-movement.

3. The formation of circular-headed valleys and possibly of rock-basins in mountainous regions.

(My own early life was spent in one of these circular-headed valleys, closed on all sides but one, the north-east, by high hills, almost mountains, while towards the north-east, the land sloped off gently for many miles, covered with smooth, rounded boulders on which we often leaped and played; but asking the reader to remember the direction of this wide-open lane as north-east, I shall come back to this valley at a later stage of the discussion.)

4. Earth and rock deposits in transitu or at terminals; and as the under side of these glaciers or moving fields of ice would naturally be warmed to a certain degree by the heat of the earth, which must have been greater then than now, so the deposit of clay,