



Plate I. Photographic proof demonstrating the recession of the Grand Pacific and Muir glaciers between the years 1894 and 1907. The top photos (1 and 2) show by the dotted line and the arrows the distance which the Grand Pacific glacier receded in that period. The bottom photos (3 and 4) illustrate in a similar manner the distance of the recession of the ice of the Muir Glacier. These photos should be compared with Plate II.

These pictures were taken by both the United States and Canadian surveyors of the International Boundary Commission, and they establish the fact that the ice front, which was more than 1000 feet thick at the tongue of those great glaciers, has melted back at the rate of about half-a-mile a year. The berg-like edge of the Muir Glacier (on the lower photograph) was about 400 feet above the water and much more below the water line.

than any other people during the present and succeeding generations, it can most appropriately be explained from this richly endowed country which will surely exert an influence upon humanity—far beyond the proportion its present meagre population of nearly 400,000 people bears to the 1,600,000,000 people on earth—every one of whom is gradually being affected, for better or for worse, by this greatest of the earth's continuous changes.

History proves that the mightiest ancient races of Assyria, Phœnicia, Greece, Rome and the Byzantine Empires prospered where we now find the feebler races of Slavs, Greeks, Italians and Spaniards waning. On the other hand we find along the corresponding latitudes on the opposite side in Asia that the Chinese and Japanese are

increasing in vigor as their climate is getting cooler.

3. The explanation for that relative deterioration of Southern Europeans and the increasing vigor of the Chinese and Japanese as herein submitted, is less in the racial proclivities and propensities of the intervening generations, than in the stupendous gravitational climate-changing force, always dominating the vitality of mankind, continuously exerted by the Polar ice-cap of Greenland, which causes the crust of the earth to gravitate round the earth's denser core through the absence of adequate counter-balance on the opposite side of the Polar area, across which Dr. Nansen drifted in the "Fram" during the years 1893-96, proving that Polar ice on the North Polar Sea area only averaged *about 30 to 40 feet thick*, whereas when he and