

primary hills that rise behind. There they lie, in lines that preserve such a rude parallelism to the steep range from which they were originally scraped, as the waves that rebound from a seaward barrier of cliff maintain to the line of the barrier. Varying from thirty to forty feet in height, and steep and pyramidal, in the cross section, as roofs of houses, they run in continuous undulating lines of from a hundred yards to half a mile in length. Three such lines, with their intervening valleys, occur between the base of Braambury Hill and the village of Brora, like inner, outer, and middle mounds of circumvallation in an ancient hill-fort. If one steadily rakes, with the edge of one's moist palm, the scattered crumbs on a polished tea-table, they form, of course, into irregular lines, presenting in the transverse section a rudely angular form; and in the direction in which they have been swept, the moisture from the palm furrows the mahogany with minute streaks of dimness. The illustration is one on the smallest scale possible. But if the palm be tolerably moist, the crumbs tolerably abundant, and the polish of the mahogany brought brightly out, and if we rake into rude parallelism in this way, line after line from the front of some platter or bread-dish, upturned to represent the line of hills, we shall have provided ourselves with no very inadequate model of the phenomena of Braambury. But what palm of inconceivable weight, breadth, and strength, could have been employed here in thus raking the débris into lines of hills half a mile in length by at least thirty feet in height, and in pressing into smoothness, as it passed, the asperities of the solid rocks below? The reader has already anticipated the reply. We have before us indications of an ancient glacier the most unequivocal that are to be found perhaps anywhere in the kingdom: there is not a condition or accompaniment wanting. I have had my doubts regarding glacial agency in Scotland: but after visiting this locality a twelvemonth ago, I found doubt impossible; and I