

now do in the fiords of Norway and West Greenland. The destruction of the slope of the terrace facing the river has removed the evidence which a former contact with an ice sheet or glacier would have left on the river margin of the deposit.

Terrace in Peekskill. The Hudson river winding through the Highlands approaches the southern edge of this broad northeast and southwest group of high ridges on a southeast course. No sooner is the river out of the mountains than its course bends sharply at first to the southwest then more nearly south. At the point where it escapes from the Highlands, Peekskill brook descending from the northeast finds its way into the main stream, making a small cove about a mile in length and $\frac{1}{3}$ mile wide deeply sunk into the old rock terrace. Between the city of Peekskill on the south and this creek or cove on the north stands a hill of rock rising to a little less than 400 feet. From the landing in Peekskill one may go around the southern and eastern sides of this hill into Peekskill brook valley by passing over a divide at about 170 feet. From the east a small brook now coursing through Peekskill falls into the Hudson at the southern base of this hill. On the southern slope immediately overlooking the river front at the southern end of a lofty ledge of bare rock which forms the western face of the hill is a glacial terrace with a delta structure. Well defined foreset beds below dip toward the river, and topset beds above incline very gently in the same direction. The surface of this deposit is at about 100 feet above the sea level. Its existence at this point indicates a stream carrying gravel and sand into the Hudson gorge along the south face of the hill. The deposit probably originally extended southward across the depression by which the little brook finds its way through the lower part of Peekskill, for on the south side of this valley there is a somewhat sloping terrace now at the same level occupied by residences.

There is no evidence clearly bearing on the relations of this deposit to the last remnant of ice in the Hudson river, for its river edge has been destroyed; but it is evidently a deposit made during this early stage of the ice retreat.

Peekskill creek terraces. In the valley of Peekskill creek, several deposits practically at the same level between 100 and 120 feet in elevation occur on the north and south banks of the cove,