

most distinct depressions on one of them, with four correspondent projections on the other; precisely resembling the impressions of the feet of a large bird in mud. Indeed, among the hundreds who have examined these specimens, probably no one doubts that such was their origin. Having never been injured by exposure, they are perhaps the most perfect specimens, that I have been able to obtain. They were dug from a quarry in the southwest part of Montague, less than half a mile from Connecticut river, and elevated above that stream, not more than one hundred feet. The strata there, dip easterly, not more than five degrees; and the layer containing the impressions, was several feet below the surface. Only one variety of track has yet been discovered at that spot.

Not long afterwards, Col. John Wilson of Deerfield, pointed out to me similar impressions on the flagging stones in that village. Having ascertained that these were brought from the town of Gill; from a quarry on the bank of Connecticut river, at a place called the *Horse Race*, nearly three miles higher up the stream than Turner's Falls, and eight or nine miles north of the quarry in Montague, above described, I visited the spot, and was gratified to find several distinct kinds of similar impressions; some of them very small, and others almost incredibly large. This quarry lies immediately upon the northern bank of Connecticut river; the strata dipping southerly at an angle of 30° , and passing directly under the stream, without any intervening alluvium. The rock is a gray micaceous sandstone, very much resembling, in hand specimens, some varieties of mica slate, with about the same degree of hardness and not very fissile.

In passing over the side walks at Northampton, during the summer, I discovered several examples of similar impressions upon the flagging stones. These stones were obtained from a quarry in the southeast part of the same town, on the east side of Mount Tom: and on resorting thither, I found numerous examples, some of them very fine, of several kinds of tracks. The strata at this spot, dip to the east, not more than 10° , and pass directly beneath Connecticut river, by which they are washed. There are three varieties of the rock on which the impressions occur at this locality: 1, a reddish shale, or rather a fine micaceous sandstone passing into shale—the red marl, I suppose, of geologists: 2, a gray micaceous sandstone: 3, a very hard sandstone, not very fissile and quite brittle, composed of clay and sand. These varieties are interstratified in a rather irregular manner. By the water, and the quarrymen, the rock is