

intervals of time. This was also indicated by two orders of pottery, one always below the other; but nothing to measure the time. The only conclusion we could arrive at was, that the first occupation was very ancient, and the last before the land-slide, or not less than one hundred and fifty or one hundred and sixty years ago. The zone of the pictures agreed best, for convenience of engraving, with the third occupancy, the age of the figured pottery.

Before the land-slide, it was an open shelter cavern, fifteen feet wide at the opening, and seven feet at the back end. Greatest width, sixteen feet—average, thirteen; length, thirty feet; height, thirteen feet; and depth of excavation, after clearing out the sand of the land-slide, five feet. The pictures are mostly of the rudest kind, but differing in degree of skill. Except several bisons, a lynx, rabbit, otter, badger, elk and heron it is perhaps impossible to determine with certainty what were intended, or whether they represented large or small animals, no regard being had to their relative sizes. A bison, lynx, and rabbit are pictured in one group, all of the same size. One picture perhaps suggests a mastodon; another, the largest, a hippopotamus; but whether they were really intended to represent those animals is quite uncertain. Others seem to refer to animals yet in existence. Many pictures are fragmentary by the erosion of the soft sand rock on which they are engraved. In one place is a crevice eight feet long, two feet high, and extending inward two and a half feet, with fragments of pictures above and below.

The appearance and connection of the pictures and characters indicate that they were historical, rather than engraved for mere amusement, and suggest that thorough exploration of caves may yet shed much light on the history of the prehistoric aborigines of our country.

While these representations are exceedingly rude, it is deemed best to preserve tracings of them to subserve the investigations of archæologists. They were made by placing thin paper over the engravings or paintings, pressing it down, and tracing the lines with crayons. The more important of them are herewith subjoined, having been engraved by Messrs. Marr & Richards, of Milwaukee, in reduced size, with care and accuracy: