

polygonal, the angles being equal in number to the shorter uprights. Prince Maximilian's artist usually sketches the lodge very correctly; but Mr. Catlin invariably gives an incorrect representation of its exterior. Wherever he depicts a Mandan, Arickaree, or Minnetaree lodge, he makes it appear as an almost exact hemisphere, and always omits the entry. It would seem that, in filling in his sketches, he adopted the hemisphere as a convenient symbol for a lodge. The authors referred to by name in the foot-note on page — speak of the entry or passage.*

A partition of puncheons, poles, or hurdles is often raised between the fire-place and the door, particularly in cold weather, to shelter the group around the fire-place when the door is opened. Mats, hurdles, hair-pillows, and buffalo-robcs laid on the ground constitute the seats. Curtained bedsteads are arranged around the circumference of the lodge, between the shorter uprights. Arms, implements, household-utensils, medicine-bags, etc., are hung from pegs on the various supporting-posts of the lodge. A wooden mortar, wherein corn and meat are pounded, is set in the earthen floor. The space between the outer row of supporting-posts and the outer wall is called 'atuti', or *bottom of the lodge*, and in it stored bull-boats, skin-lodges, and various other articles; here, too, we usually find the sudatory. Valuable horses are often housed at night in these lodges, in a pen near the door; but the residents of the log-houses, to be described hereafter, keep horses in separate sheds outside.

Log-houses.—Every winter, until 1866, the Indians left their permanent village, and, moving some distance up the Missouri Valley, built temporary quarters, usually in the center of heavy forests and in the neighborhood of buffalo. The chief objects of this movement were that they might have fuel convenient, and not exhaust the supply of wood in the neighborhood of the permanent village. It was also advisable that, during a portion of the year at least, they should not harass the game near home. The houses of the winter-villages resem-

* Perhaps it would be well to illustrate this with a copy of plate 47, vol. 1, of Catlin, and a copy of the figure on p. 343 of Maximilian.