

material, found on the shores of Lake Simcoe, and now in my possession, measures five and three quarter inches in length, and nearly four inches in greatest breadth, yet the capacity of the bowl hollowed in it for the reception of tobacco is even less than in the smallest of the "Elfin Pipes." In contrast to this, a modern Winnebago pipe recently acquired by me, made of the same red pipe stone, inlaid with lead and executed with ingenious skill, has a bowl of large dimensions illustrative of Indian smoking usages modified by the influence of the white man.

From the red pipe stone, as well as from limestone and other harder rocks, the Chippeways, the Winnebagos, and the Siouxs, frequently make a peculiar class of pipes, inlaid with lead. Mr. Kane has in his possession an ingeniously carved red stone Sioux pipe, in form of a human figure, lying on the back, with the knees bent up towards the breast, and head thrown forward. The hollowed head forms the bowl of the pipe, while the tube is perforated through the anus; as is the case with another, but much ruder example of pipe sculpture, carved from a light colored sandstone found on the Miami River, Ohio.\*

The Chinook and Puget Sound Indians, who evince little taste in comparison with the tribes surrounding them, in ornamenting their persons or their warlike and domestic implements, commonly use wooden pipes. Sometimes these are elaborately carved, but most frequently they are rudely and hastily made for immediate use; and even among these remote tribes of the flat head Indians, the common clay pipe of the fur trader begins to supersede such native arts.

Among the Assinaboin Indians a material is used in pipe-manufacture altogether peculiar to them. It is a fine marble, much too hard to admit of minute carving, but taking a high polish. This is cut into pipes of graceful form, and made so extremely thin, as to be nearly transparent, so that when lighted the glowing tobacco shines through, and presents a singular appearance when in use at night or in a dark lodge. Another favourite material employed by the Assinaboin Indians is a coarse species of jasper also too hard to admit of elaborate ornamentation. This also is cut into various simple but tasteful designs, executed chiefly by the slow and laborious process of rubbing it down with other stones. The choice of the material for fashioning the favourite pipe, is by no means invariably guided by the facilities which the location of the tribe affords. A suitable stone for such a purpose will be picked up and carried hundreds of miles. Mr.

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\* Monuments of the Mississippi Valley. Page 247. Fig. 146.