

mer as applied to the age of the Eastern hemisphere when compared with that of the Western hemisphere) man in the stone age existed contemporaneously with the Siberian elephant, Siberian rhinoceros, mammoth, cave bear, etc., while scientists have been loth to concede the existence of the mound builders have been, not rightfully, assigned to the more recent age of bronze.

Mr. J. W. Foster, in speaking of the discovery, in Illinois, of a copper knife and a bone of a mastodon, in the same geological formation, and separated from each other but a few miles, says: "One of two suppositions is true—either that there has been an intermingling of the relics of two distinct ages, or that if the synchronism is established, man on this continent as a contemporary with the mastodon was far in advance in the mechanical arts of man as the contemporary of the fossil elephant on the European continent."

The existence of copper tools among the relics of the mound builders has been the stumbling block in this matter. In these metal implements of man in the stone age in America, there was only the advance over the man of the stone age in Europe, that was due to the obtaining of *native copper* that could be hammered and drawn out into the desired shapes without any resort to the process of metallurgy. It was with a view to this point that I have throughout this paper endeavored to constantly impress upon the reader the fact of the purity and ductility of the native copper. It was also for this that I so fully discussed above the reasons that lie against the theory of the melting of the copper and the casting of the tools. The relics of the stone age left by the mound builders are the stone hammers used for mining copper, and for hammering out copper tools—axes, hatchets, fleshers, pestles for pulverizing maize, chisels, knives, arrow-heads, amulets, pendants, pipes, etc.—a list of sufficient extent to warrant the claim for the mound builder of the high antiquity of the stone age, and *at least* of a contemporaneous existence with the prehistoric man of Europe. As proof of the contemporaneous existence in this country of man with the mastodon, the following extracts are given from a paper of the late Dr. Koch, of St. Louis, Missouri, communicated to the St. Louis Academy of Sciences: