

city. The ax, weighing 4 lbs. 12 $\frac{1}{4}$ oz., is the heaviest article of wrought copper as yet brought to light, and the spear having a unilateral barb, is the only specimen known of its class in copper; spears of bone, however, of the unilateral pattern, are found among California fossils. A copper tomahawk taken from a mound at Chetek, Barron County, in 1875, from Capt. Wm. Wilson, Menomonee. A copper spear with a round tang to thrust into a shaft. It is the largest specimen we have of its class, and the only one known with a hole bored through its blade. It was the gift of Mons Anderson, La Crosse.

A copper socket spear-head, four and one-half inches long, from James Shortall. It was found near Sun Prairie, and is the only copper as yet yielded us by Dane County. One thin copper spear found by J. Turner, in Belmont, Portage County. Two thick arrow-heads of copper, from J. D. Holman, of Dayton, Waupaca County. Two socket copper spears, one punched with a rivet-hole, from D. T. Pilgrim, Granville, Milwaukee County. One copper spear, with a shank, from Col. Charles Shuter, of Sparta. This relic was found at Wausau, Marathon County, 1859, while digging in a garden. One socket copper spear, from J. H. Waggoner, of Richland Center. It was found near the surface of the ground in 1859, by Amasa Grover in Ithaca, while digging a well. One socket copper spear from C. E. W. Struve, found by W. A. Stricker, while plowing in Farmington, Jefferson County, in April, 1876.

These fourteen antiques have been contributed from no less than ten counties, in seven of which it was not previously known that any finds whatever of manufactured copper had ever been discovered.

The collections of Mr. Perkins were almost all the fruit of research, either in the five southern counties of Wisconsin bordering on Lake Michigan, or in the five in the tier next west of these lake counties. But our cabinet already boasts presents from twice the area of those ten counties—or that sixth part of the State to which the Perkins exploration was confined. In view and review of the past, it is reasonable to hope for copper curi-