

# Human subsistence methods at Ohio Valley Archaic and middle Fort Ancient cultural period sites.

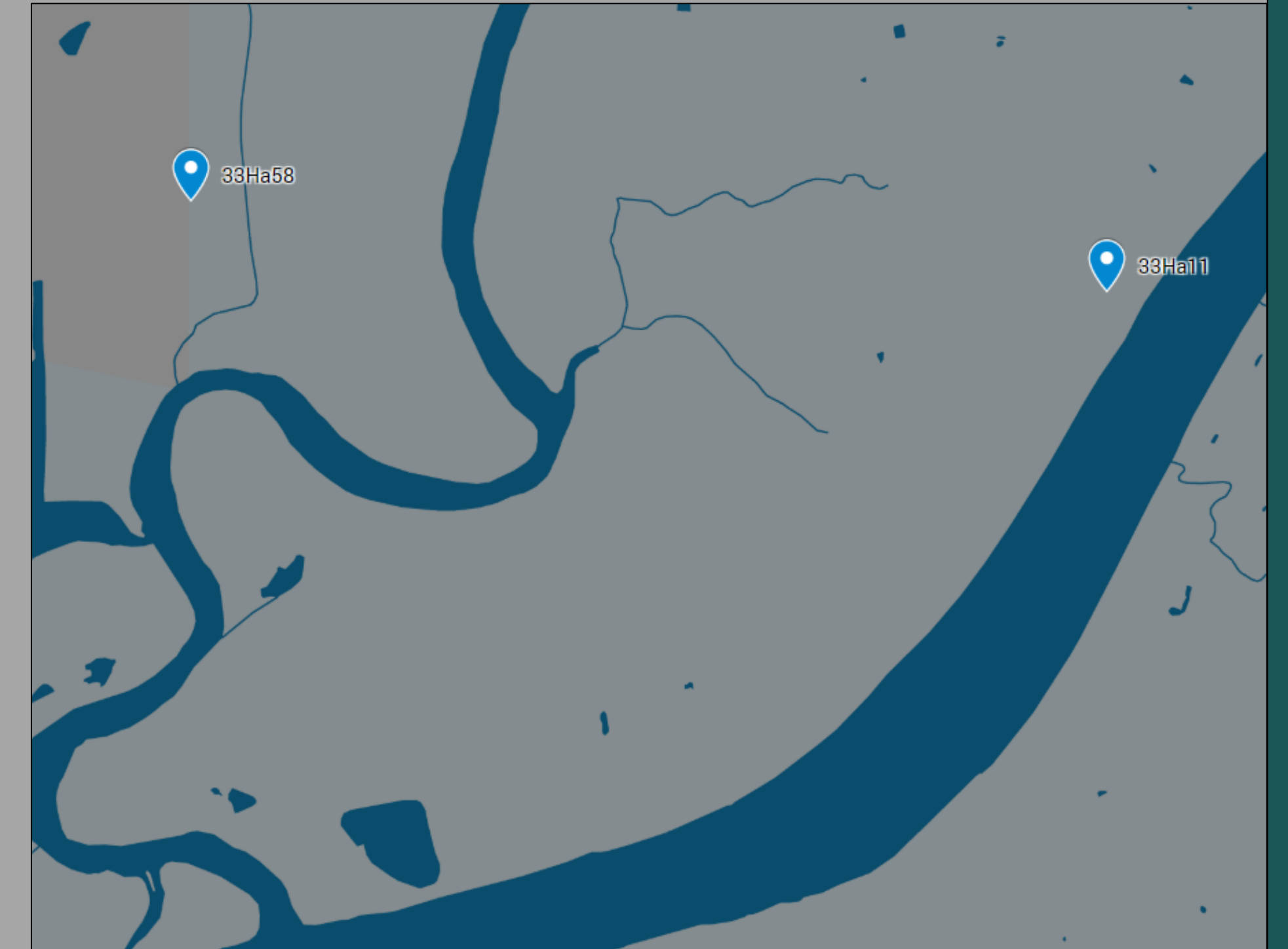
Harrison T. Stanley

The two sites analyzed, Dupont (33Ha11, Archaic, 2750-1750BCE) and State Line (33Ha58, Fort Ancient, 1100-1200CE), are situated near the confluence of the Great Miami and Ohio Rivers in the Central Ohio River Valley.

Overall, through statistical analysis of material remains, we can conclude that there was *not* a significant difference in human subsistence methods between the Archaic and Fort Ancient sites. This is, however, based on a relatively small sample (550-600 artifacts) from each site.

Left: Top and bottom views of an agricultural tool and a failed loaf pestle.

Right: Hydrological map showing relative site positions.

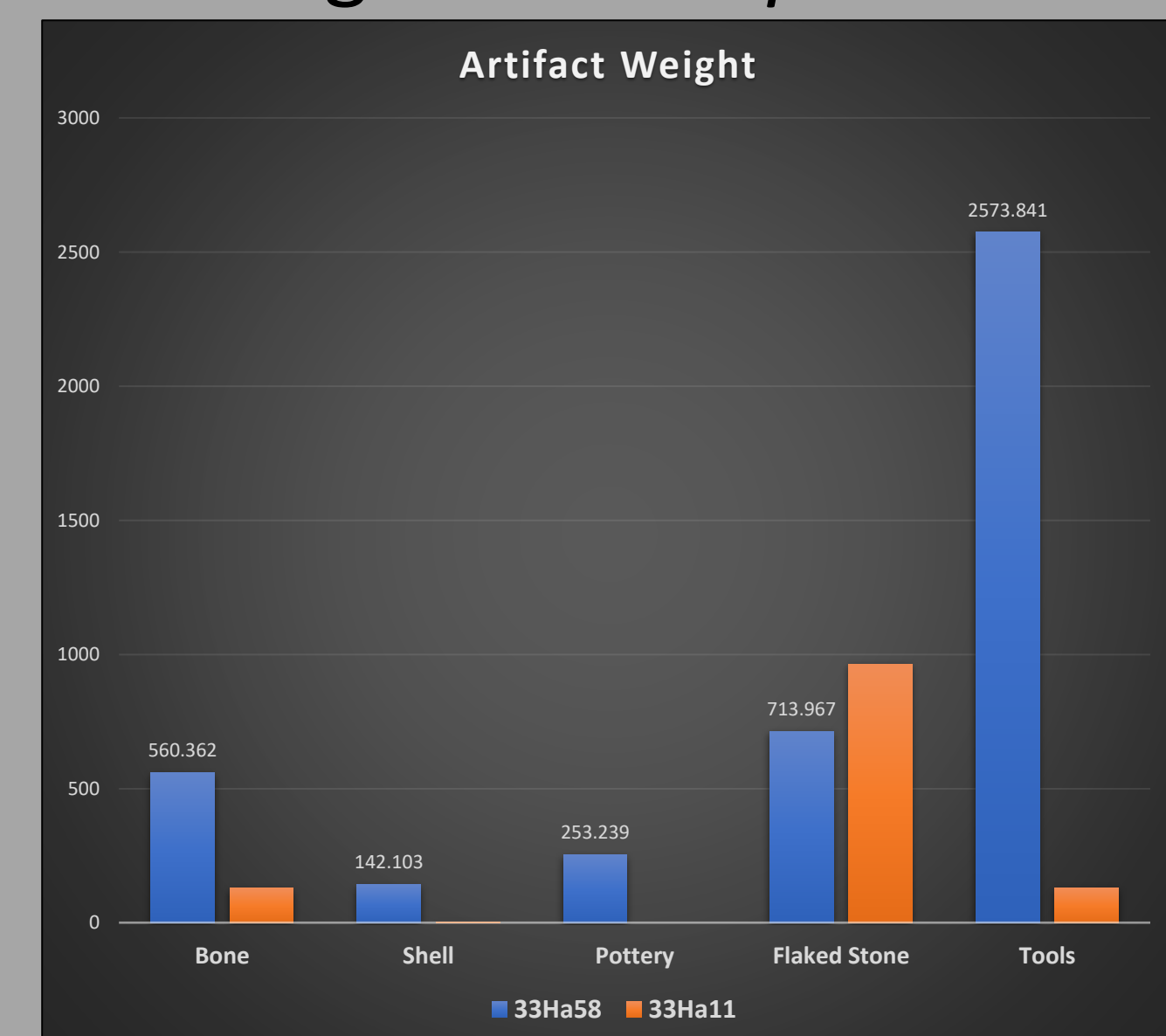
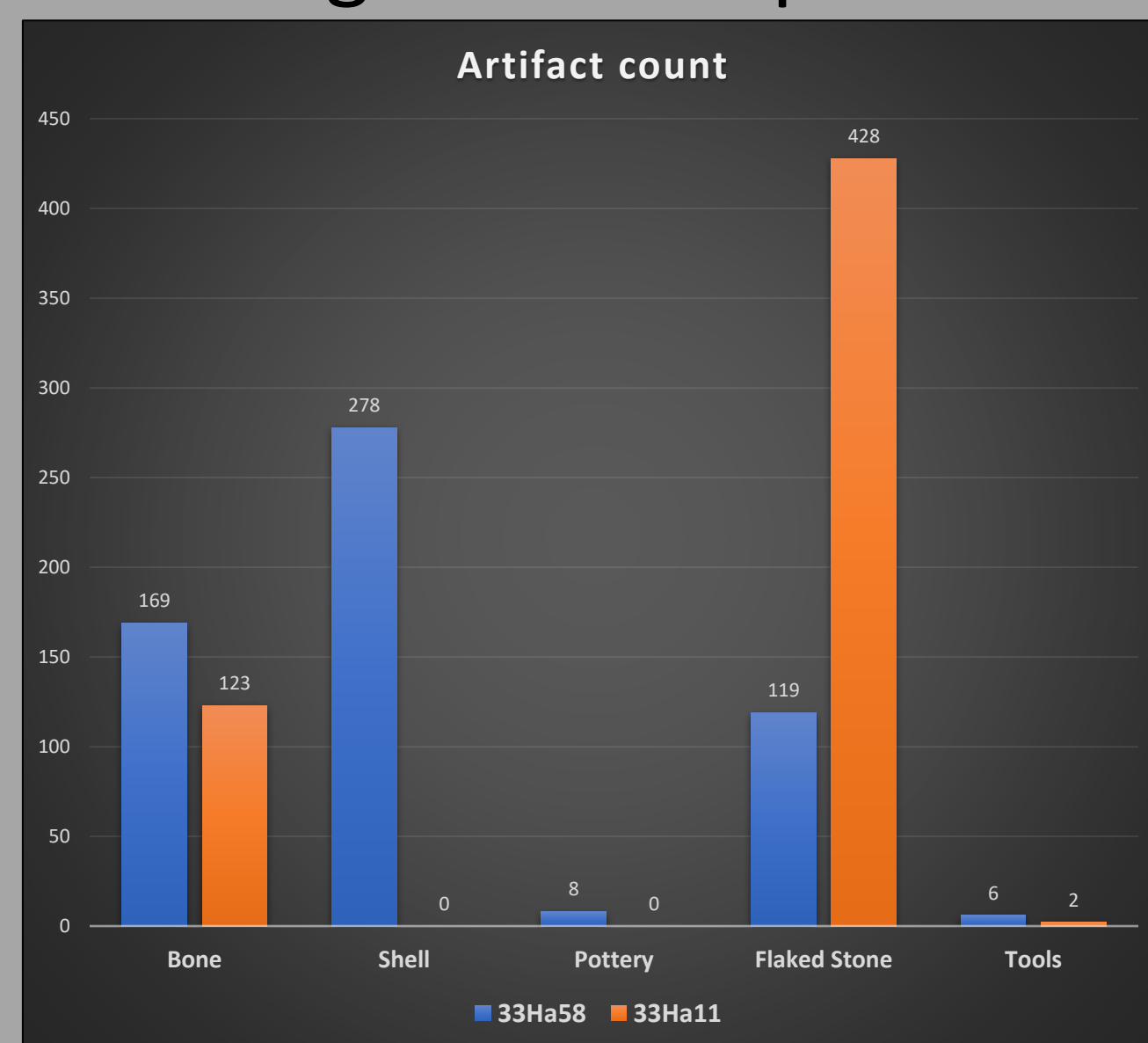


Site	Category	Bone	Shell	Pottery	Flaked Stone	Tools
33Ha58	Count	169	278	8	119	6
33Ha11	Count	123	0	0	428	2

Site	Category	Bone	Shell	Pottery	Flaked Stone	Tools
33Ha58	Weight (g)	560.362	142.103	253.239	713.967	2573.841
33Ha11	Weight (g)	128.799	2.178	0	964.787	130.845

Count. The  $t$ -value is 0.055. The  $p$ -value is .957. The result is *not* significant at  $p < .05$ .

Weight. The  $t$ -value is 1.259. The  $p$ -value is .122. The result is *not* significant at  $p < .05$ .



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