

Please excuse the very tardy reply, but I have had a long series of surgeries and hospitalizations. This answer is unduly brief as it would really take a whole monograph to cover all percussors or hammerstones to show the individual wear patterns for each technology

I am sorry to not have been more explicit and to have qualified the use of hammerstones or percussors in determining the specific technique in which they were used. The initial reduction of the raw material is done by the use of an unhafted or hafted hammerstone. It is usually an elongated cobble specially selected to resist impact without shattering. Repeated impact of the polar ends will show evidence of attrition at those parts. Such stones are usually used in the initial stages of material reduction such as the initial fracture, quartering, large flake and blade removal. Flake and blade scars are usually characterized by pronounced bulbs of force, much like the Brandon gunflint blades using a metal hammer.

Other hammerstone styles come in a variety of shapes and sizes to further reduce the raw material into specific tools. Different hammerstones will be used for the different stages of bi-facial or unifacial implement manufacturing. For this stage I have found that hammerstones are selected that are softer than the material being worked and the edges are used rather than the ends. The lateral margins are prepared by slight grinding or individual platforms prepared and isolated then the flake detached by drawing the the edge of the hammerstone across the lateral edge in a path ninety degrees to the long axis. The edge of the hammerstone is usually convex which allows more accuracy and as one reaches the gravitational center of the hammerstone in its path of flight it is rotated into the objective piece. such action will cause a distinctive faceted wear on the percussor. This explanation should be accompanied by drawings as many other techniques of using the hammerstone.

Because of limited time, it is impossible to go into all details of the use of hammerstones, but the processes can be related to the hammerstone types. I do hope that you can still use the comments and at some later date I could give more detailed information.

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