

can learn from an experienced teacher the
of flintknapping
interested student, ~~via short time~~ basic techniques can be learned in a short time.

The following is a list of technological points to follow in flake analysis:

1. Material identification
2. Texture of Material
3. Material altered by thermal treatment.
4. Relation of material to flakes.
5. Amount of applied force
6. Kinds of applied force
7. Methods of applying force
8. *Flintknapping techniques*
Throwing on an anvil
9. Striking on anvil
10. Hammerstone, free-hand
11. Hammerstone with rest
12. Hammerstone with rest and clamp.
13. Hammerstone with rest, bipolar
14. Hafted hammer free-hand
15. Hafted hammer with rest
16. Billets or rods, free-hand
17. Billets with punch

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18. Billets with punch and rest
19. Billets wtih punch, rest and clamp
20. Hammerstone with punch, free-hand
21. Hammerstone with punch and rest.
22. Hammerstone with punch rest and clamp
23. Indirect hammer free-hand
24. Indirect hammer and rest
25. Indirect with fixed punch
26. Pressure free-hand unhafted
- ✓ 27. Pressure free-hand hafted
- ✓ 28. Pressure with rest
- ✓ 29. ~~Pressure with fixed punch~~ Pressure finger held (reverse)
- ✓ 30. Press re with rest and clamp
- ✓ 31. Pressure with short crutch
- ✓ 32. Pressure with long crutch
- ✓ 33. Pressure (notched tool)
- ✓ 34. Pressure with lever and fulcrum
- ✓ 35. ~~Pressure finger held~~ Pressure with fixed punch
- ✓ 36. Pressure on anvil

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- ✓ 37. Implement used to detach the flake
- ✓ 38. Size and weight of flake
- ✓ 39. Primary flakes, cortex, secondary flakes
- ✓ 40. Flakes with pronounced undulations or waves
- ✓ 41. Flakes with little or no waves
- ✓ 42. Angle of the platform in relation to the longitudinal median axis
- ✓ 43. Width of the platform surface
- ✓ 44. Thickness of the platform surface or the distance from the dorsal edge to the ventral edge of the platform surface.
- ✓ 45. Types of platform preparation.
- ✓ 46. Use of the natural surface for the platform
- ✓ 47. Platform with prepared facets
- ✓ 48. Isolation of the platform
- ✓ 49. Grinding of the platform
- ✓ 50. Polishing of the platform
- ✓ 51. Absence of platforms on complete flakes
- ✓ 52. Platforms crushed upon removal from the core
- ✓ 53. Orientation of the platform with the longitudinal axis
- ✓ 54. Depth of bulb of ~~XXXXX~~ force
- ✓ 55. Presence of the lip on the ventral side of the platform

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✓ 56. Absence of the lip on the ventral side of the platform

✓ 57. Presence of the overhang left by the bulbar scar of the previous flake.

✓ 58. Absence of the bulbar overhang showing special platform preparation

✓ 55-59. Flake with diffused bulb of force

✓ 60. Flake bearing sharp definition of truncated cone part

✓ 61. Flake having no cone definition

✓ 62. Flake bearing the negative bulb on the dorsal side and the positive bulb on the ventral side (Chapeau de Gendarme).

✓ 63. Presence of the erailure flake on the bulbar part of the flake

✓ 64. Absence of the erailure flake scar on the bulb

✓ 65. Presence of the radiating fissures on the bulb of force

✓ 66. Absence of fissures on the bulb of force

✓ 67. The nature and occurrence of fissures on the lateral margins of the flake

✓ 68. Terminations of the lateral margins on the flake

✓ 69. Length of the flake

70. Width of the flake

71. Thickness of the flake

72. Uniformity of the three dimensions, length, width and thickness

73. Expansion and contraction of the flake from the point of applied force to termination.

74. Character and direction of the flake scars on the dorsal side of the flake

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75. Curve or straightness of the flake
76. Flake termination by feathering
77. Flake termination removing a greater mass at the distal end of the flake which rapidly expands as it leaves the core.
78. Flake truncation by flexing
79. Flake truncation by snapping
80. Flake truncation by hinge fracture
81. Flake truncation by step fracture
82. Flake truncation by notching or special severing
83. Intentional modification of flakes.
84. Flakes bearing functional flake scars on lateral edges
85. Flakes bearing dull or abraded lateral edges
86. Flakes that show rhythm and consistency of patterns *and* techniques
87. Direction of flakes. to show technological *patterns* patterns.
88. ~~Technology based~~ Typeology based on technology.

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