



Museum of Natural History
UNIVERSITY OF COLORADO BOULDER

Inventory List: Ancient Life in the Boulder Valley

Mahaffy Cache Stone Tool Replicas

- A. Tool identified with bear protein
- B. Tool identified with camel protein
- C. Tool identified with horse protein
- D. Tool identified with sheep protein
- E. Flake cutting tool
- F. Flake cutting tool

Example of "Flint Knapping" Process

- 13.1 – Stage One: "Blank"
- 13.2 – Stage Two: "Rough Out"
- 13.3 – Stage Three: "Primary Pre-form"
- 13.4 – Stage Four: "Secondary Pre-form"
- 13.5 – Stage Five: "Final Pre-form"
- 13.6 – Stage Six: "Fluted and Retouched Spear Point"

Examples of Projectile (spear, arrow, and atlatl) Points

Archaic

1. Thebes Ohio E-Notch
2. Big Sandy Point
3. Benton Bottleneck Point
4. Colorado Calf Creek Point
5. Alachua Point
6. Buck Creek Point

Paleo-Indian

7. Folsom Point
8. Plainview Point
9. St. Louis type Clovis Point
10. Utah Obsidian Clovis Point

Fossil Animal Teeth

11. Horse Tooth (Real)
12. Cave Bear Tooth (Real)

Stone Tool Molds (5)

Images

- Laminated Postcards (4)
- Mahaffy Stone Tools laid out on a picnic table shortly after they were found.
- Map showing other Clovis finds in the United States.
- Striking a "blank" with a hammerstone to remove a "flake" (2 images).

- Archaeological Timeline showing Clovis, Folsom, Plainview, Archaic, Mesa Verde, the founding of Boulder and the Mahaffy Cache discovery.
- Aerial view of the modern Boulder Valley area and drawing of aerial view of ancient Boulder.
- Scientific drawings of animals whose protein was found on four of the Mahaffy Cache stone tools.
 - a. Bear
 - b. Camel
 - c. Horse
 - d. Sheep

Additional Information

Background Information and Terminology

Unearthed: Ancient Life in the Boulder Valley Exhibition Panels

- What Science Reveals
- Soil
- Protein
- From Evidence to Inference
- How Did the Stone Get Here?
- Ready, Set, Flintknap!
- Get a Grip!