

## 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

- 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
  
- 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.

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. ~~h~~orse
- d.