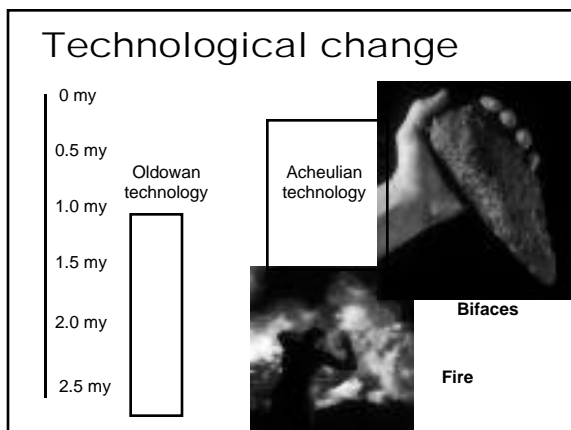
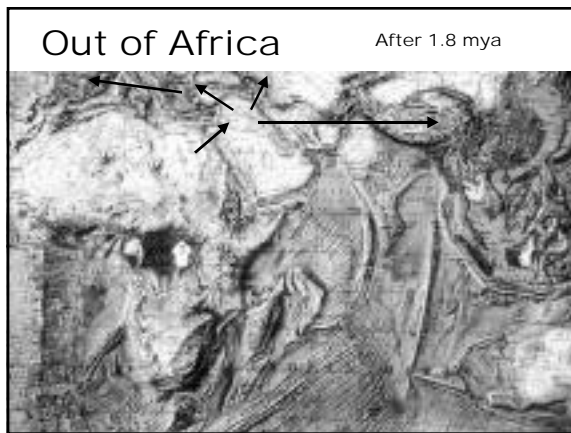
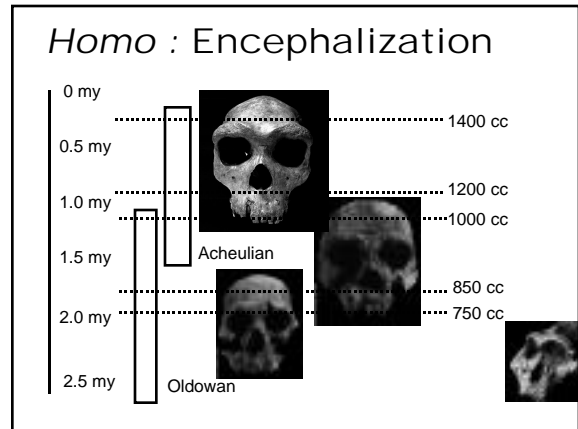

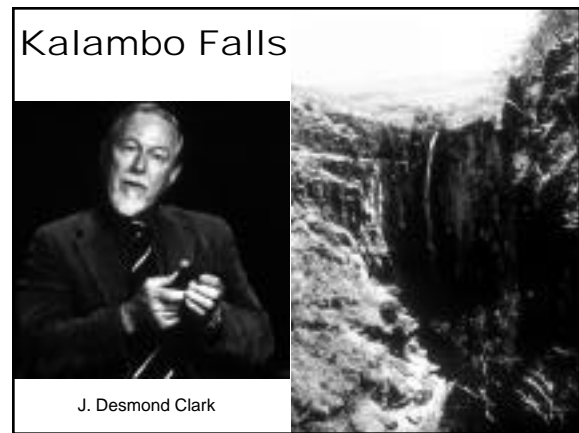
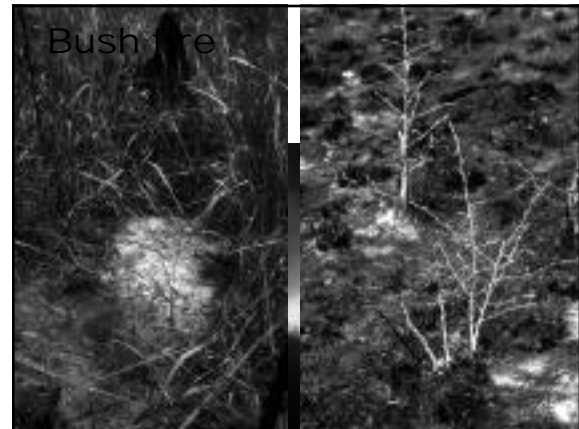


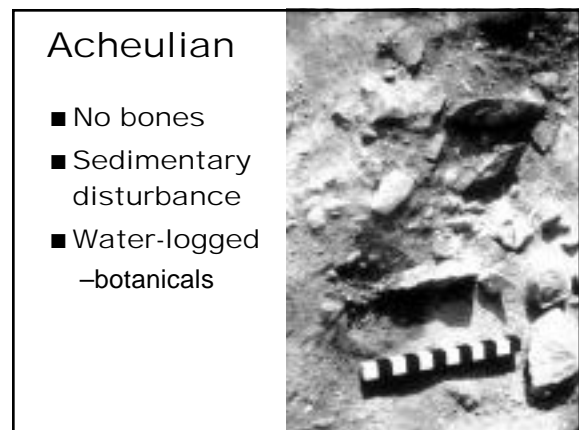
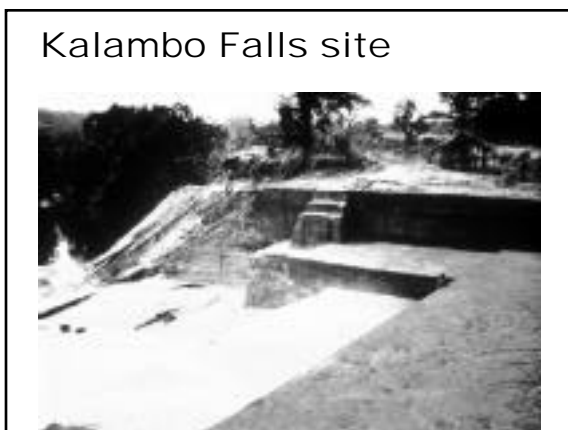
Acheulian adaptations

What changed?





J. Desmond Clark



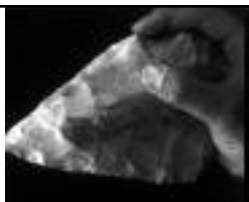
Living floors: charred logs



Fire?

- Africa:
 - Burnt patches 1.5 mya
 - Burnt bones in caves 1.0 mya
 - Burnt logs 0.3 mya
- Eurasia:
 - Zhoukoudien ???

Butchery tool?



Big game hunters?



Hunting in Europe?

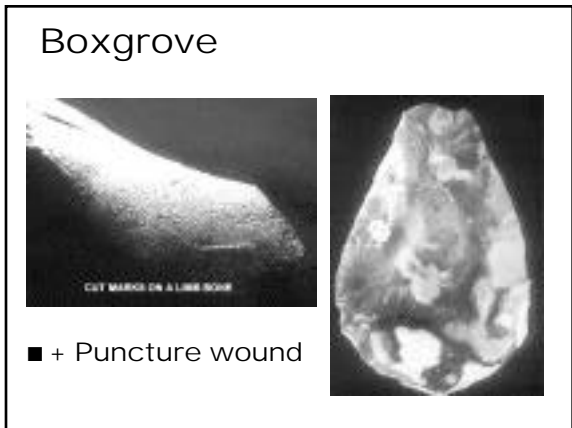
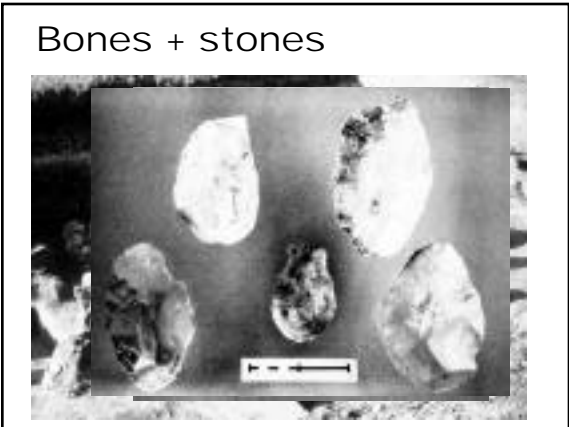
- Spain: Torralba & Ambrona



Hunting in Europe?

- Spain: Torralba & Ambrona





- Spears in Germany
- SchoÄningen site
 - Water-logged
 - 400,000 bp
 - 6.5 foot Wooden spears
 - 40 flake tools
 - 10,000 horse bones
 - ♣butchered

