

UH 3004 3/26/13

## Horse and Donkeys

### Why is Bulliet so interested in bestiality?

- Absence of separation between people and animals
- Used to be more “normal” - changes according to Bulliet’s categorization
- Pin the Tail on the Donkey, Is it sexual?

### Phallic Imagery and Donkeys

- Possibly reading too much into things?
- Donkey’s reproductive prowess- reproduction important
  - Donkey’s don’t reproduce that much, sometimes- male donkey is more impressive in this regard
- Greek myth- girl falls for donkey, donkey becomes person, girl disappointed

### Domestication of donkeys

#### could be like reindeer?

- Religious practices- sacrifice and such- were donkeys domesticated for religious purposes? Or for food first and then became a religious symbol?
- Riding an animal to hunt members of that species- seems logical
  - Do the animals know they are hunting their brethren- horses have a negative reaction to dead things and blood,
    - Adonis XIV- everyone go watch it
- Where did dumbass come from?
  - Pinocchio was turned into a donkey- terrifying
  - <http://www.youtube.com/watch?v=tgmfv5VLHvs>
  - When did it change, from sacred symbol to bottom of the barrel
    - Set (God of Foreigners)- was a good god, became a bad god- basis of donkey shift?

### Male vs. Female Horse Domestication

- Some sciency DNA stuff- trace male lineage through Y chromosome and female lineage through mitochondrial DNA
  - Only one or two stallions could be domesticated, but lots of females could be- very small number of males, points to small number of domestication sites

### Transition from meat to riding in Horses

- Was it an idiot? Or a genius?
- How did they come up with bits? Rings in cows’ noses?
- First riding on a somehow crippled horse
- We domesticated the weakest horses, but horses today don’t suffer from that, maybe- domesticated populations still bred with wild populations for awhile
  - Horses very plastic- wild horses phenotypically different from domesticated ones, lots of variation in domestic populations
- Horse hierarchies- a group with one stallion and several mares- young males booted out and become bachelor bands

- We are really mean to horses apparently- really mean
  - Colored chicks, cool looking but pretty awful- commodification of animals
  - Ethics have been extended to new groups of humans, similar for domesticated of animals? Can be treated very well or very poorly
  - Animals will always have to be somewhat oppressed? Can animals be oppressed? Is it different for different species, probably
- Horses are an interesting case, relationship with humans predicated on cooperation and communication- Scythians

**Macklemore?**

[https://www.youtube.com/watch?v=hIVBg7\\_08n0](https://www.youtube.com/watch?v=hIVBg7_08n0)

### **Parallels between horse and reindeer domestication**

- Started with eating meat, developed into riding them to hunt their own kind
  - Cattle riding not widespread
  - <http://f.kulfoto.com/pic/0001/0030/18NfR29371.jpg>

### **Categories**

- Bronze age describes a cultural age, different from geological ages
  - Holocene Age: <http://en.wikipedia.org/wiki/Holocene>



FUNNY PICTURES ON [KULFOTO.COM](http://KULFOTO.COM)

**Geologic / Cultural Periodization:**

**Eon / Era / Period / Epoch / Stage....**

**Precambrian Eon (4550 mya-570 mya)**

**Phanerozoic Eon (570 mya-present)**

**Paleozoic Era (570-245 mya)**

**Cambrian period**

**(570-505 mya)**

**evolutionary explosion of first animals**

**Mesozoic Era (245-66.4 mya)**

**age of dinosaurs**

**Triassic period**

Jurassic period

Cretaceous period

Cenozoic Era (66.4 mya-present)

"Tertiary" period (66.4-2.6 mya)

Paleogene Period (66.4-23.7 mya)

**64-65mya - mammals expand after the defeat of the dinosaurs (vacant ecological niches)**

Paleocene Epoch (66.4-57.8 mya)

primates (65 mya)

Eocene Epoch (57.8-36.6 mya)

carnivorans evolve from miacids (miacidae) (55 mya);

\\_ split into 2 main divisions:

caniforms (dog like)

\\_ *Prohesperocyon wilsoni* (Texas!) - first canid - loss of 3rd molar and presence of "bullae" (rounded covering over middle ear)

feliforms (cat like) (40mya)

Oligocene Epoch (36.6-23.7 mya)

Canidae family splits:

1) Hesperocyoninae (~39-15 mya)

2) Borophaginae (~43-2 mya)

3) Caninae (~ 34-0 mya) - led to present-day canids (wolves, foxes, coyotes, jackals, domestic dogs)

Neogene Period (23.7-2.6 mya)

Miocene Epoch (23.7-5.3 mya)

(8-4mya) Last common ancestors / Great Apes: first gorillas, then chimpanzees split off from human ancestors

Pliocene Epoch (5.3-2.6 mya)

5 mya - Caninae ==> *Leptocyon* - foxes

5-7 mya - Caninae ==> *Eucyon* - "true dog" - North America=> Asia => Europe => China

5-6 mya Caninae => *Canis ferox* and *Canis lepophagus* => North America => Siberia => Eurasia

(cf. Derr, pp. 70-71)

2.9 mya -- earliest known use of stone tools, probably by [Hominins](#) such as

[Australopithecines](#) (Africa - became foundation for Homo genus)

Quaternary Period (2.6 mya-present)

Pleistocene Epoch (2.6 million-12,000 ya)

Paleolithic Age (2.6 mya - 10,000 ya)

a prehistoric era distinguished by the development of the most primitive stone tools;  
covers roughly 99% of human technological prehistory.

Lower Paleolithic (2.6 mya - 300,000 ya)

Homo (Egaster, antecessor, rhodesiensis, erectus...)

control of fire by humans

1.8-2mya -Homo erectus left Africa for the Levant, Caspian Sea, Asia, then S. to Indonesia; 2nd group (Homo ergaster) went North /West to Balkans, Spain

1-2 mya - meat eating by hominins (Africa)

1 mya - split b/t wolves and jackals (Vila and Wayne, 1997,1999)

1mya - Canis lupus

Middle Paleolithic (300,000 -30,000 ya)

Homo neanderthalensis (400,000- ~ 30,000 ya)

Homo sapiens (250,000 ya- present)

sig increase in social and technological complexity for hominins

135,00 ya oldest date for the dog split from wolf (Derr, p. 104; Schleidt & Shalter03, p. 58; Wayne & Vila01)

Upper Paleolithic (30,000 - ~10,000 ya)

45,000-35,000 ya Aurignacian culture - Europe- SW Asia / "Upper Paleolithic Revolution":

Behavioral modernity (symbolic thought, language, creativity)

Atlatl, boomerang, harpoon, bow and arrow, nets, harnesses....

26,500-19,000ya Last Glacial Maximum

Late Pleistocene die off of largest terrestrial mammals

Origins of the domestic dog

33,000 ya - Altai dog (pet?)

31,700 ya- Goyet dog (Belgium) 2008

13,000-17,000 ya - Eliseevichi dogs

## Holocene Epoch (12,000ya-1900)

Mesolithic - in western archeology = 's hunters and gatherers with pottery

Neolithic - in western archeology refers only to economies based on food production (farming, herding or both)

For Russia/ Ukraine, neolithic includes foragers and early farmers who made pottery but used no metal tools or ornaments (Anthony07, p. 126)

neolithic revolution - agriculture

domestication - wheat

Fertile Crescent ca. 8,500 ya (Diamond)

pottery / ceramics

Eneolithic = copper age on Eurasian Steppe; unalloyed copper (did not happen in Western / Northern Europe)

Chalcolithic (copper age -- transition from "stone" to "bronze"

metallurgy, wheel

domestication of the horse

Eurasian Steppe (Dereivka, Ukraine) 4,000-3,500 ya

4,500-2,500 BCE - proto Indo-European spoken on Pontic-Caspian steppe

Bronze Age ~ 3,300 - 1,200 BCE (3,700-3,500 BCE in North Caucasus (Anthony07p. 125)

Iron Age ~ 1,000 BCE ->

## Anthropocene Epoch (1900- present)

### **Bit Wear Patterns**

- Horse jaw anatomy lesson- horse holds onto bit with its back molars, makes a wear pattern
- [http://www.equinemanagementandtraining.co.uk/images/clip\\_image002\\_005.jpg](http://www.equinemanagementandtraining.co.uk/images/clip_image002_005.jpg)
- We need to write on Wikipedia on this