

**Lectures 1 - 2: Key Terms, Concepts and questions to ponder**

You should become familiar with the following terms and concepts from the first two lectures and your readings in Campbell/Loy. You should also give some consideration to the problems and issues mooted in the "To Ponder" section.

**Vocabulary**

palaeoanthropology	archaeology
palaeontology	anthropology
principle of superposition (Steno's law)	parsimony (Occam's Razor)
uniformitarianism (Charles Lyell)	natural selection (Charles Darwin)
Geological Time Scale	continental drift
relative dating	chronometric dating
stratigraphy	K-Ar dating
biostratigraphy (faunal correlation)	palaeomagnetism
species	binomial classification system (Carl Linnaeus)

**Primates**

- Anthropoidea (anthropoids)
- Hominoidea (hominoids)
  - Pongidae (pongids)
  - Panidae (panids)
  - Hylobatidae (hylobatids)
  - Hominidae (hominids)

**Parental investment**

- K - selection - pattern of few offspring and extensive parental care
- r - selection - pattern of large number of offspring and little parental care

**To Ponder**

- ) What characteristics define "humanness"?
- ) What are the characteristics which distinguish hominids from the remaining great apes?
- ) In general, what pattern of parental investment do Primates exhibit in comparison with other mammals and non-mammals?