

ANTH B101 (Fall 2022) Final Exam Study Guide

Note: This is not an exhaustive study list. The purpose of this study guide is to focus your attention on the major concepts that you should know for this class.

- *H. erectus/ergaster*
 - Fossil record in and outside of Africa – general dates and sites (e.g. Koobi Fora, West Turkana, Dmanisi, Zhoukoudien)
 - Fossil morphology and variation (e.g., body proportions) (from lecture and lab)
 - Material culture in *H. erectus/ergaster* sites
 - How/when did the first hominin migration out of Africa occur (Out-of-Africa I)
- Middle Pleistocene *Homo* & *H. naledi*
 - Morphological links to earlier and later hominins in African vs. Eurasian fossils
 - General dates, well-known fossils (e.g., Kabwe, Bodo) and sites (e.g., Atapuerca)
 - *Homo naledi* (location, date, general features)
- Neandertals
 - Geographic range, general dates, well-known fossils (e.g., Kebara, La Chappelle-aux-Saints)
 - Morphology, esp. in the context of climatic adaptations (from lecture and lab)
 - Lifeways – diet, subsistence strategies, etc.
 - Material culture
 - Relationship to anatomically modern humans and Denisovans (esp. DNA)
- Anatomically modern humans
 - Main models for evolution and migration around the world: 1) African replacement (Out-of-Africa II), 2) multiregional evolution, 3) hybridization/assimilation model
 - Morphology of early anatomically modern humans (from lecture and lab)
 - General dates, well-known fossils and sites (e.g., Jebel Irhoud, Skhul & Qafzeh)
 - Material culture, lifeways (symbolic behavior, subsistence patterns, etc.)
 - Relationship to Neanderthals and Denisovans (esp. DNA evidence)
 - Basics of *H. floresiensis* and *H. luzonensis* (from lecture)
- Behaviorally modern humans
 - Middle and Upper Paleolithic (stone tool) industries (from lecture and lab)
 - Cores, bifaces, blades, flakes (and features of flakes)
 - Evidence of art, variable subsistence, clothing, etc. in the Upper Paleolithic
 - Who made this material? If we don't know, why don't we know?
 - Middle Stone Age (MSA) in Africa
 - Bands (macrobands, population sizes, population density)
- “Peopling of the Americas”
 - Major research questions (and our current interpretations)
 - Types of evidence used
 - 2 main migration hypotheses
 - General trends of environmental and climatic changes
 - Clovis & pre-Clovis
 - Important archaeological sites (e.g., Paisley Caves, Monte Verde, etc.)
- Holocene Hunter-gatherers
 - Pleistocene-Holocene transition (and archaeological culture periods)
 - General trends of environmental and climatic changes

- Modern human cultural and behavior plasticity
- “Broad-Spectrum” cultural systems
- The Fertile Crescent (Near East) and important archaeological sites & cultures
- The spectrum of hunter-gatherer lifeways (“foragers” vs. “collectors”)
- Guila Naquitz, and “scheduling”
- Complex hunter-gatherers

- Domestication and food production
 - World regions of independent domestication, and major food crops and animals
 - Useful terms/concepts (e.g., management, domestication, cultigen, etc.)
 - Biological evolution and evolutionary forces (especially in relation to domestication)
 - The Fertile Crescent and important sites & cultures (and food crops and animals)
 - Natufian and contemporary cultures
 - Importance of villages like Ain Mallaha and Abu Hureyra
 - How energy is captured and converted for use (compared to hunter-gatherers)

- “Complex” societies & Mesopotamia, China, Africa, etc.
 - General differences between “small-scale” and “complex” societies
 - Lewis Henry Morgan, V. Gordon Childe, Elman Service, etc.
 - Cultural/Social evolution
 - Revolutions
 - Chiefdoms, states, empires, cities/urbanism
 - Mesopotamia (including ‘Ubaid, Uruk, and Early Dynastic periods)
 - State formation and development of early cities (e.g., Uruk, Ur sites)
 - Early writing (e.g., cuneiform)
 - Important sites/periods in China, Africa

- Mesoamerica and South America
 - key sites
 - chiefdoms & states, cities
 - warfare

- Southwestern US
 - key sites and periods

- Eastern North America
 - Cahokia
 - Mississippian period & “culture”
 - key sites

- Biocultural Evolution & the Anthropocene
 - What is the Anthropocene and what is the debate about it?
 - Different dates for start of the Anthropocene
 - “Fossil Fuel Society”