

BIO1300 The Human Animal

Topic 2: Humans

Key Words

Molecular evidence
DNA in common
Genetic differences
Early *Homo*
H. habilis
H. rudolfensis
H. ergaster
H. erectus
Brain size
Tool use
Language
Culture
Oldowan tools
Chipped rocks
Predatory cats
Human intelligence
Sabre-toothed tiger
Nomadism
Migration
Acheulian tools
Axes
Knives
Blades
Coordinated hunting
Forced extinctions
Global Migration
Out of Africa
Fire
Colder climates
Social aspect of fireplace
The Hobbit
Homo floresiensis
South Pacific
Island dwarfism
Homo neanderthalensis
Middle East and Europe
Brain size
Culture
Prominent face
Teeth as tools
Thick bodies
Cold adapted

Sapiens-Neanderthal relationship
Reproductive hybridization
Hunting abilities
Fishing
Lifespan
Cultural transmission
Mousterian tools
Scrapers
Spear darts
Neanderthal extinction
Homo sapiens
Cro-Magnon
Cooperative culture
Language
Art
Pleistocene extinctions
Mega-fauna
Cold adapted
Giant Elk
Hairy Rhinos
Mastodon
Sabre-toothed tiger
Gigantopithecus
Yeti/Bigfoot folklore
Mammoth
Giant Sloth
Giant Bison
Pleistocene Overkill Hypothesis
Cave paintings
Lascaux, France
Venus sculptures
Musical instruments
North American migration
Bering land bridge
Founder effect
Susceptibility to European diseases
Group hunters
Extinction of mega-fauna
Clovis tools
Hunter/gatherers
Nomadism
Hippocampus
Space-Time perception
The Great Leap
Language
Larynx morphology

Tongue morphology
Diversity of sounds
Information flow
Cultural evolution
Lifecycle changes
Reduced reproduction
Prolonged learning
Complex lifestyle
Monogamy
Bi-parental care
Community stability
Societies
Cooperation
Group protection
Agriculture
Sedentary living
Cities
Institutions
Industrial revolution
Carbon pollution
CO2 emissions
CO2-temperature link
Carbon cycle
Sources and sinks of carbon
Release of fossilized carbon
Hockey stick curve
Periods of glaciations
Antarctic ice core samples
Increase above historic norms
OECD emissions
Role of Tar Sands exploitation
Greenhouse effect
Incoming short-wave radiation
Outgoing long-wave radiation
Thermal blanket
Greenhouse gases
Trapped heat
Atmospheric temperatures
Climate patterns
Air circulation
Water currents
Weather patterns
Climate change
Arctic ice sheets
Sea level rise
Coastal flooding

Population migrations
Extreme weather events
Increased frequency
Increased intensity
Periodic glaciations
Advancing glaciers
Ottawa under ice
Pollen and spore evidence
Coastline movements
Bedrock striations
Glacial deposits
Current trend in opposite direction