

**“What Happened in History”, or  
Grand Theories in Search of Reality**

A. Beginning of Life

1. Evolutionists—Gradualism vs. Punctuated Equilibria
  - a. Charles Darwin (1809–1882), *Origin of the Species* (1859)
  - b. Alfred Russel Wallace (1823–1913)
  - c. Stephen Jay Gould and Niles Eldredge
2. Creationists—“Survival of the Fittest?”

B. Differentiation of Man and Ape: Which Came First, the Jaw or the Head?

1. Australopithecus
  - a. africanus—Taung Baby (Raymond Dart) [ca. 2.5 million years]
  - b. afarensis—Lucy (Donald Johanson) [ca. 3.5 million years]
  - c. ramidus (Timothy White, Gen Suwa, Berhane Asfaw) [ca. 4.5 million years]
2. Homo
  - a. habilis—Olduvai Gorge (Louis Leakey) [ca. 2.2 million years]
  - b. erectus—Java Man (Eugene Dubois), Peking Man [ca. 1.8 million years]
  - c. sapiens—Neanderthal [ca. 200,000 years], Cro-Magnon [ca. 40,000 years]

C. Frames of Reference — “I’ll see it when I believe it”

1. Piltdown Man (Dawn Man)
  - a. Charles Dawson (1844–1916)
  - b. Sir Arthur Keith (1866–1955)
  - c. Arthur Smith Woodward (1864–1944), *The Earliest Englishman* (1948)
  - d. Pierre Teilhard de Chardin (1881–1955)
  - e. Sir Arthur Conan Doyle (1859–1916)
  - f. Martin A. C. Hinson
2. Continents on the Move
  - a. Traditional View: continents are stationary
  - b. Alfred Wegener, German meteorologist, (1880–1930), Pangea (1912)

Video: *Worlds Without End* a.k.a. *Changing Knowledge, Changing Reality* from James Burke, “The Day the Universe Changed”

D. Theories of Archaeological Research

1. Theory of Uniformitarianism
2. Theory of Superposition
3. Three-Age Theory
  - a. Stone Age
  - b. Bronze Age
  - c. Iron Age

## E. Theories of Civilization

### 1. Geographical/Ecological

- a. Climate, Heredity, and Geography (Ellsworth Huntington)
- b. Misuse of Natural Resources (Soil Exhaustion; Deforestation)
- c. Topographical (Henry Thomas Buckle)

### 2. Nutritional/Health

- a. Nomad (Franz Oppenheimer)
- b. Parasite (William H. McNeill)

### 3. Human Nature/Natural

- a. Adversity (Arnold J. Toynbee)
- b. Great Man (James Breasted)
- c. Organic (Oswald Spengler)

### 4. Social Organization

- a. Marxist (V. Gordon Childe)
- b. Hydraulic (Karl Wittfogel)

### 5. *Deus ex machina*

- a. Theophany (Hegel: The Rise of Liberty)
- b. Chariots of the Gods (Erich von Däniken)

### 6. Psychological

- a. Oedipal Complex (Sigmund Freud)
- b. Bicameral Mind (Julian Jaynes)