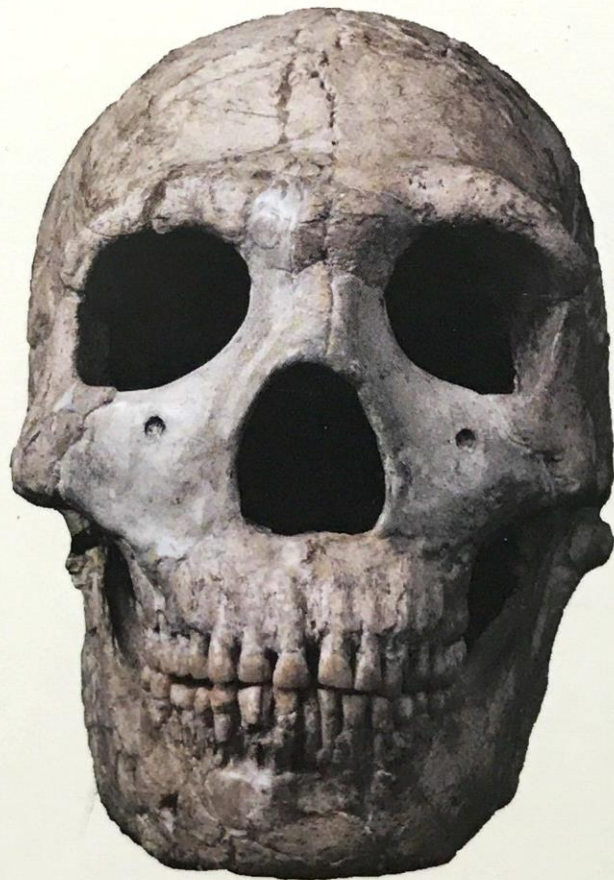


THE EARLY
HUMAN
— WORLD —



Peter Robertshaw
& Jill Rubalcaba



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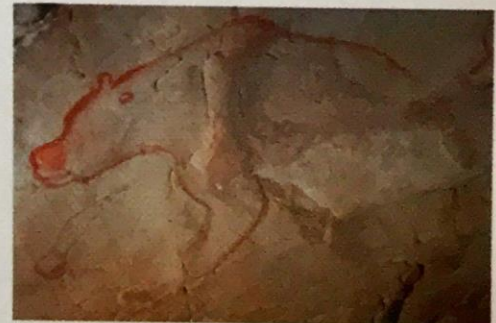
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CAST OF CHARACTERS

Amesbury Archer, alias the king of Stonehenge, 4,300 years ago • A wealthy man buried in southern England during the Early Bronze Age

Ardipithecus ramidus kadabba (ar-dee-PITH-eh-kus RAM-eh-dus kad-ABBA), 5.8–4.3 million years ago • The earliest known hominid, found in Ethiopia; some scientists think that this hominid should be named *Ardipithecus kadabba*

Australopithecus afarensis (ahs-trul-o-PITH-eh-kus a-far-EN-sis), 3.9–3 million years ago • The species of early hominid that made the Laetoli footprints; Lucy is a member of this species

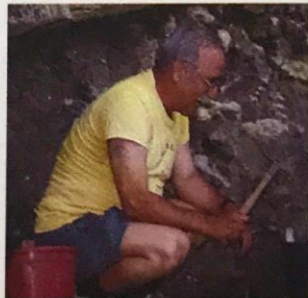
Australopithecus boisei (ahs-trul-o-PITH-eh-kus BOYZ-ee-eye), 2–1 million years ago • An East African hominid with large jaws and teeth that ate hard food, such as nuts and seeds; also known as *Paranthropus boisei*

Australopithecus garhi (ahs-trul-o-PITH-eh-kus GAR-hee), 2.5 million years ago • Newly discovered species of hominid found in Ethiopia by Tim White and his colleagues

Australopithecus robustus (ahs-trul-o-PITH-eh-kus roh-BUST-us), 1.9–1 million years ago • Sturdily built hominid in Southern Africa that became extinct, also known as *Paranthropus robustus*

Barker, Graeme, b. 1946 • English professor of archaeology who led an expedition to the Sahara Desert in 2002

Bar-Yosef, Ofer (OH-fer), b. 1937 • Archaeologist and professor of anthropology at Harvard University who investigates the origins of agriculture and modern humans



Binford, Lewis, b. 1930 • American archaeologist who has studied the lifestyles of ancient and modern hunters and gatherers

Chimpanzees at Burgers' Zoo • A captive colony of common chimpanzees (*Pan troglodytes*), being observed by scholars

Clovis People, 13,200–12,900 years ago • Hunting-and-gathering people in North America who used distinctive spear points to kill mammoths and other big game

Cro-Magnons (CROH-MAN-yon), about 35,000–10,000 years ago • The first modern humans in Europe, named after an archaeological site in France

Darwin, Charles, 1809–1882 • British naturalist who is best known for his theories on evolution and natural selection

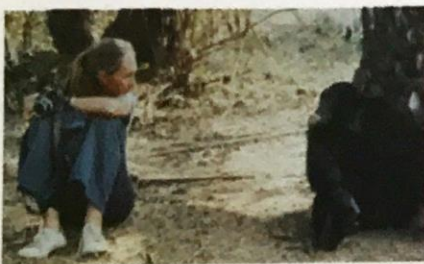
Deacon, Hilary, b. 1936 • South African archaeologist who has excavated many important Stone Age sites in southern Africa

Dillehay, Thomas (DILL-uh-hay), b. 1947 • Professor of anthropology at the University of Kentucky whose excavations at Monte Verde, Chile, have provided new information on the first people to come to the Americas



Duarte, Cidália (DWAR-tay, SEE-dahl-ee-ah), Active since 1995 • Portuguese archaeologist who excavated the skeleton of the Kid while she was still a student

Goodall, Jane (GOOD-awl), b. 1934 • Goodall has dedicated most of her life to the study and conservation of chimpanzees. As a child, she loved to read books about animals; she decided that she wanted to go to Africa to study them when she grew up



Haile-Selassie, Yohannes (HI-lee-sell-ASS-ee, YO-hahn), b. 1962 • Ethiopian anthropologist and finder of the earliest known hominid

Heyerdahl, Thor (HI-yer-dahl, tor), 1914–2002 • Norwegian explorer and archaeologist who made long ocean voyages on simple boats and rafts

Hodder, Ian, b. 1948 • British archaeologist who directs the excavations at Çatalhöyük

hominid • A member of the family of mammals named Hominidae. Humans are the only surviving species of this family. Extinct hominids include all the species discussed in this book that habitually walked on two legs

Hominid gang • A team of Kenyan fossil hunters led by Kamoya Kimeu who have made many important discoveries on expeditions directed by the Leakeys

Homo antecessor (HOE-moe ant-ee-SESS-ur), about 780,000 years ago • Hominid found in Spain that may be the ancestor of Neanderthals and possibly modern humans; many scientists do not recognize this hominid as its own species

Homo erectus (HOE-moe ee-RECT-us), about 1.8–2 million years ago • The first hominid to leave Africa; an ancestor to later humans

Homo heidelbergensis (HOE-moe HIGH-del-bur-GEN-sis), about 800,000–200,000 years ago • Large-brained ancestor of Neanderthals and modern humans; found in Europe and Africa

Homo sapiens sapiens (HOE-moe SAY-pee-ens), about 150,000 years ago–the present • Modern humans; this term means “wise, wise people”

Johanson, Donald, b. 1943 • American paleoanthropologist who discovered Lucy; director of the Institute of Human Origins in Tempe, Arizona

Kanzi (CAN-zee), b. 1980 • A bonobo, or pygmy chimp (*Pan paniscus*), born in captivity in the United States who has participated in experiments in making stone tools and learning language

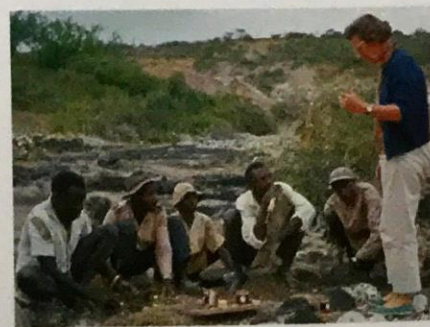
Kennewick Man (KEN-uh-wick), 8,400 years ago • Skeleton of a modern human found in 1996 on the bank of the Columbia River in the state of Washington

The Kid, 25,000 years ago • The skeleton of a four-year-old child buried in a rock shelter at Lagar Velho in Portugal

Kimeu, Kamoya (KIM-yew, KAM-oy-eh), b. 1938 • Kenyan fossil hunter, famous for finding many early hominids; leader of the hominid gang

Leakey, Louis, 1903–72 • African-born anthropologist who spent much of his life searching for evidence to unravel the mystery of human origins. He excavated extensively in East Africa, particularly Olduvai Gorge

Leakey, Mary, 1913–96 • English archaeologist who uncovered the early hominid footprints at Laetoli and meticulously excavated Olduvai Gorge in Tanzania



Leakey, Meave, b. 1942 • Paleontologist who has described numerous East African fossils; wife of Richard Leakey

Leakey, Richard, b. 1944 • Second son of Louis and Mary Leakey; Richard, a Kenyan, has organized many paleoanthropological expeditions in Kenya

Lucy, 3.2 million years ago • A partial skeleton of a female *Australopithecus afarensis* discovered at Hadar in Ethiopia

Mellaart, James, b. 1925 • British archaeologist who discovered Çatalhöyük

Neandertal (nee-AND-ur-tahl), about 200,000–29,000 years ago • Close relative of modern humans, adapted to cold climates, found in Ice-Age Europe and western Asia

Orrorin tugenensis (oar-ROAR-in TOO-gen-en-sis), 6 million years ago • A candidate for the earliest hominid, but so far only fragments of fossils have been found in the Tugen Hills of Kenya

Ötzi the Iceman (OOT-see), 5,300 years ago • A well-preserved corpse of a man shot in the back with a bow and arrow

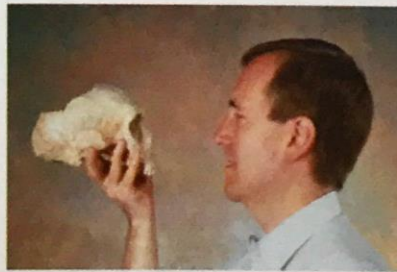
Parfitt, Simon, b. 1964 • A British archaeologist in charge of examining the animal bones from the site of Boxgrove, England

Roberts, Mark, b. 1961 • English archaeologist; director of the excavations at Boxgrove

Savage-Rumbaugh, Sue (SAV-ij-RUM-baw), b. 1946 • Professor of biology at Georgia State University who studies the intelligence of primates

Solecki, Ralph (sol-ECK-ee), b. 1917 • Directed excavations at Shanidar Cave in Iraq

Stringer, Christopher, b. 1948 • Paleoanthropologist at the Natural History Museum in London who argues that modern humans evolved in Africa



Tattersall, Ian, b. 1945 • Anthropologist at the American Museum of Natural History and author of many books on human evolution

Thorne, Alan, Active since 1965 • Australian paleoanthropologist who studies the first Australians

Toth, Nicholas, Active since 1980 • American archaeologist and stone tool-making expert



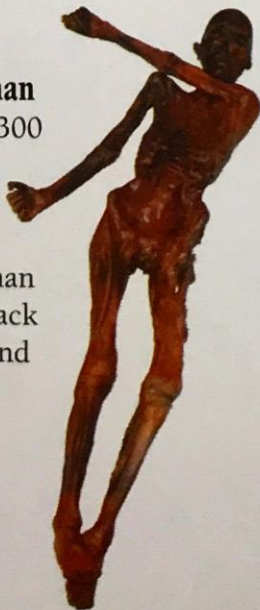
Toumai (too-MY), “Hope of Life,” 7–6 million years ago • Fossil skull found in Chad that may belong to an early hominid

Turkana Boy (tur-KAHN-a), 1.6 million years ago • Almost-complete skeleton of eight-year-old *Homo erectus* boy found in Kenya by Kamoya Kimeu

Walker, Alan, b. 1938 • British-born anatomist and paleoanthropologist who has examined many hominids found in East Africa

White, Tim, b. 1950 • Professor at the University of California, Berkeley; found and described many very important hominid fossils

WoldeGabriel, Giday (WAHL-duh gab-ree-EL, gi-DAY), b. 1955 • Ethiopian geologist who works with Yohannes Haile-Selassie, Tim White, and others in the Afar Triangle region of Ethiopia



THE EARLY HUMAN WORLD



SOME PRONUNCIATIONS

- Abu Hureyra (A-boo hoo-RAIR-a)
- Flores (FLOOR-ays)
- Çatalhöyük (CHAH-tahl-HOO-yook)
- Chauvet Cave (show-VAY)
- Dmanisi (duh-man-EE-see)
- Dolní Věstonice (DAHL-nee VEYE-es-toh-NEET-see)
- Flores (FLOOR-ays)
- Gran Dolina (gran dahl-EE-nah)
- Guila Naquitz (ghee-LA na-KEETZ)
- Klasies River Mouth (CLAR-sees)
- La Brea Tar Pits (la BRAY-ah)
- Laetoli (lie-a-TOE-lee)
- Lapedo Valley (la-PAY-doe)
- Monte Verde (MON-tay VER-day)
- Olduvai Gorge (OHL-duh-way)
- Ötzal Alps (OOTS-al)
- Rapa Nui (RA-pa NEW-ee)
- Sunghir (SOON-gear)
- Swartkrans (SWART-krans)
- Zhoukoudian (jo-ko-DYEN)

