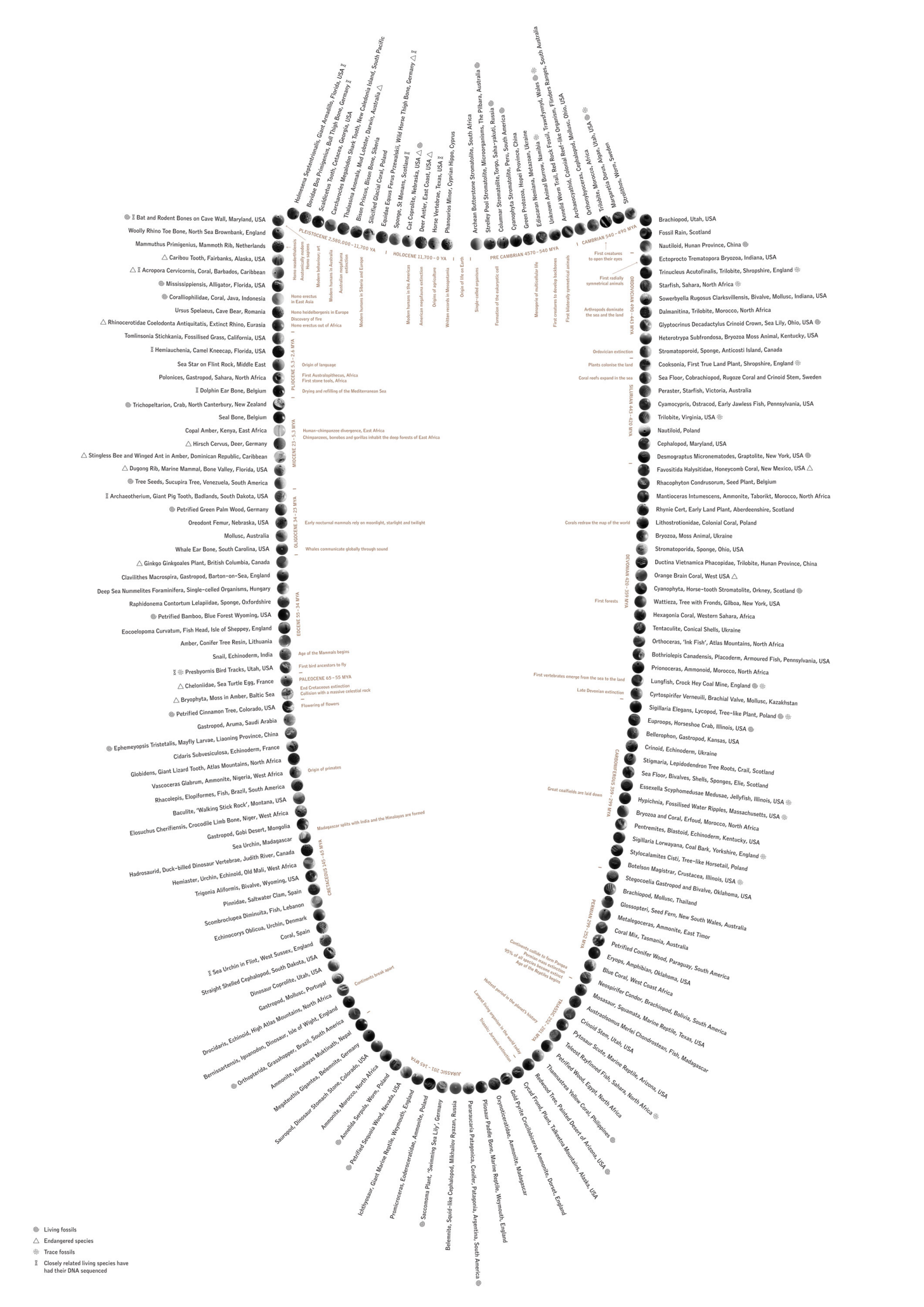
Holmesena Septentrionalis, Giant Armadillo, Florida, USA
Bovidae Bos Primigenius, Bull Thigh Bone, Germany
Scaldicetus Tooth, Cetacea, Georgia, USA
Carcharocles Megalodon Shark Tooth, New Caledonia Island, South Pacific
Thalassina Anomala, Mud Lobster, Darwin, Australia
Bison Priscus, Bison Bone, Siberia
Silicified Glacial Coral, Poland
Equidae Equus Feros Przewalskii, Wild Horse Thigh Bone, Germany
Sponge, St Monans, Scotland
Cat Coprolite, Nebraska, USA
Deer Antler, East Coast, USA
Horse Vertebrae, Texas, USA
Phanourios Minor, Cyprian Hippo, Cyprus
Archean Buttersstone Stromatolite, South Africa
Streiley Pool Stromatolite, Microorganisms, The Pilbara, Australia
Columnar Stromatolite, Torgo, Saha-yakuti, Russia
Cyanophyta Stromatolite, Peru, South America
Green Protozoa, Hopei Province, China
Ediacaran Neniana, Metazoan, Ukraine
Unknown Animal Burrow, Namibia
Annelid Worm Trail, Red Rock Fossil, Trwyfynydd, Wales
Archaeocyathid, Colonial Reef-like Organism, Flinders Ranges, South Australia
Orthonybocerас, Cephalopod, Mollusc, Ohio, USA
Trilobite, Morocco, Africa
Margaretia Dorothi, Algae, Utah, USA
Stromatolites, Worm, Sweden
Bat and Rodent Bones on Cave Wall, Maryland, USA
Woolly Rhino Toe Bone, North Sea Brownbank, England
Mammuthus Primigenius, Mammoth Rib, Netherlands
Caribou Tooth, Fairbanks, Alaska, USA
Acropora Cervicornis, Coral, Barbados, Caribbean
Mississippiensis, Alligator, Florida, USA
Coralliophilidae, Coral, Java, Indonesia
Ursus Spelaeus, Cave Bear, Romania
Rhinocerotidae Coelodonta Antiquitatis, Extinct Rhino, Eurasia
Tomlinsonia Stichkania, Fossilised Grass, California, USA
Hemiauchenia, Camel Kneecap, Florida, USA
Sea Star on Flint Rock, Middle East
Polonices, Gastropod, Sahara, North Africa
Dolphin Ear Bone, Belgium
Trichopeltarion, Crab, North Canterbury, New Zealand
Seal Bone, Belgium
Copal Amber, Kenya, East Africa
Hirsch Cervus, Deer, Germany
Stingless Bee and Winged Ant in Amber, Dominican Republic, Caribbean
Dugong Rib, Marine Mammal, Bone Valley, Florida, USA
Tree Seeds, Sucupira Tree, Venezuela, South America
Archaeotherium, Giant Pig Tooth, Badlands, South Dakota, USA
Petrified Green Palm Wood, Germany
Oreodont Femur, Nebraska, USA
Mollusc, Australia
Whale Ear Bone, South Carolina, USA
Ginkgo Ginkgoales Plant, British Columbia, Canada
Clavilithes Macrospira, Gastropod, Barton-on-Sea, England
Deep Sea Nummelites Foraminifera, Single-celled Organisms, Hungary
Raphidonema Contortum Lelapiidae, Sponge, Oxfordshire
Petrified Bamboo, Blue Forest Wyoming, USA
Eocoelopoma Curvatum, Fish Head, Isle of Sheppey, England
Amber, Conifer Tree Resin, Lithuania
Snail, Echinoderm, India
Presbyornis Bird Tracks, Utah, USA
Cheloniidae, Sea Turtle Egg, France
Bryophyta, Moss in Amber, Baltic Sea
Petrified Cinnamon Tree, Colorado, USA
Gastropod, Aruma, Saudi Arabia
Ephemeyopsis Tristetalis, Mayfly Larvae, Liaoning Province, China
Cidaris Subvesiculosa, Echinoderm, France
Globidens, Giant Lizard Tooth, Atlas Mountains, North Africa
Vascoceras Glabrum, Ammonite, Nigeria, West Africa
Rhacolepis, Elopiformes, Fish, Brazil, South America
Baculite, 'Walking Stick Rock', Montana, USA
Elosuchus Cherifiensis, Crocodile Limb Bone, Niger, West Africa
Gastropod, Gobi Desert, Mongolia
Sea Urchin, Madagascar
Hadrosaurid, Duck-billed Dinosaur Vertebrae, Judith River, Canada
Hemiaster, Urchin, Echinoid, Old Mali, West Africa
Trigonia Aliformis, Bivalve, Wyoming, USA
Pinnidae, Saltwater Clam, Spain
Scombroclupea Diminuita, Fish, Lebanon
Echinocorys Oblicua, Urchin, Denmark
Coral, Spain
Sea Urchin in Flint, West Sussex, England
Straight Shelled Cephalopod, South Dakota, USA
Dinosaur Coprolite, Utah, USA
Gastropod, Mollusc, Portugal
Drocidaris, Echinoid, High Atlas Mountains, North Africa
Bernissartensis, Iguanodon, Dinosaur, Isle of Wight, England
Orthopterida, Grasshopper, Brazil, South America
Ammonite, Himalayas Muktinath, Nepal
Megateuthis Gigantea, Belemnite, Germany
Sauropod, Dinosaur Stomach Stone, Colorado, USA
Ammonite, Morocco, North Africa
Amelidia Serpula, Worm, Poland
Petrified Sequoia Wood, Nevada, USA
Ichthyosaur, Giant Marine Reptile, Weymouth, England
Promicroceras, Eodercetatidae, Ammonite, Poland
Saccomoma Plant, 'Swimming Sea Lily', Germany
Belemnite, Squid-like Cephalopod, Mikhailov Ryazan, Russia
Pararaucaria Patagonica, Conifer, Patzagonia, Argentina, South America
Pliosaur Paddle Bone, Marine Reptile, Weymouth, England
Oxynoticeratidae, Ammonite, Madagascar
Gold Pyrite Crucilobiceras, Ammonite, Dorset, England
Crystal Fronds, Plant, Talkeetna Mountains, Alaska, USA
Redwood Tree, Painted Desert of Arizona, USA
Thamnastrea Yellow Coral, Philippines
Petrified Wood, Egypt, North Africa
Teleost Rayfinned Fish, Sahara, North Africa
Pytosaur Scute, Marine Reptile, Arizona, USA
Crinoid Stem, Utah, USA
Australosmus Merlei Chondrostean, Fish, Madagascar
Mosasaur, Squamata, Marine Reptile, Texas, USA
Neospirifer Condor, Brachiopod, Bolivia, South America
Blue Coral, West Coast Africa
Petrified Conifer Wood, Paraguay, South America
Eryops, Amphibian, Oklahoma, USA
Coral Mix, Tasmania, Australia
Metalegoceras, Ammonite, East Timor
Glossopteri, Seed Fern, New South Wales, Australia
Brachiopod, Mollusc, Thailand
Stegocoelia Gastropod and Bivalve, Oklahoma, USA
Botelson Magistrar, Crustacea, Illinois, USA
Stylocalamites Cisti, Tree-like Horsetail, Poland
Sigillaria Lorwayana, Coal Bark, Yorkshire, England
Pentremites, Blastoid, Echinoderm, Kentucky, USA
Bryozoa and Coral, Erfoud, Morocco, North Africa
Hypichnia, Fossilised Water Ripples, Massachusetts, USA
Essexella Scyphomedusae Medusae, Jellyfish, Illinois, USA
Sea Floor, Bivalves, Shells, Sponges, Elie, Scotland
Stigmaria, Lepidodendron Tree Roots, Crail, Scotland
Crinoid, Echinoderm, Ukraine
Bellerophon, Gastropod, Kansas, USA
Euproops, Horseshoe Crab, Illinois, USA
Sigillaria Elegans, Lycopod, Tree-like Plant, Poland
Cyrtospirifer Verneuili, Brachial Valve, Mollusc, Kazakhstan
Lungfish, Crock Hey Coal Mine, England
Prionoceras, Ammonoid, Morocco, North Africa
Bothriolepis Canadensis, Placoderm, Armoured Fish, Pennsylvania, USA
Hexagonia Coral, Western Sahara, Africa
Tentaculite, Conical Shells, Ukraine
Orthoceras, 'Ink Fish', Atlas Mountains, North Africa
Wattieza, Tree with Fronds, Gilboa, New York, USA
Cyanophyta, Horse-tooth Stromatolite, Orkney, Scotland
Ductina Vietnamica Phacopidae, Trilobite, Hunan Province, China
Orange Brain Coral, West USA
Stromatoporida, Sponge, Ohio, USA
Bryozoa, Moss Animal, Ukraine
Lithostrotionidae, Colonial Coral, Poland
Rhynie Cert, Early Land Plant, Aberdeenshire, Scotland
Mantioceras Intumescens, Ammonite, Taborikt, Morocco, North Africa
Rhacophyton Condrusorum, Seed Plant, Belgium
Favositida Halysitidae, Honeycomb Coral, New Mexico, USA
Desmograptus Micronematodes, Graptolite, New York, USA
Sea Floor, Cobrachiopod, Rugoze Coral and Crinoid Stem, Sweden
Peraster, Starfish, Victoria, Australia
Cyamocypris, Ostracod, Early Jawless Fish, Pennsylvania, USA
Trilobite, Virginia, USA
Nautiloid, Poland
Cephalopod, Maryland, USA
Cooksonia, First True Land Plant, Shropshire, England
Stromatoporoid, Sponge, Anticosti Island, Canada
Glyptocrinus Decadactylus Crinoid Crown, Sea Lily, Ohio, USA
Heterotrypa Subfrondosa, Bryozoa Moss Animal, Kentucky, USA
Dalmanitina, Trilobite, Morocco, North Africa
Sowerbyella Rugosus Clarksvillensis, Bivalve, Mollusc, Indiana, USA
Starfish, Sahara, North Africa
Trinucleus Acutofinalis, Trilobite, Shropshire, England
Ectoprocto Trematopora Bryozoa, Indiana, USA
Nautiloid, Hunan Province, China
Fossil Rain, Scotland
Brachiopod, Utah, USA
HOLOCENE 11,700 - 0 YA
PLEISTOCENE 2,580,000 - 11,700 YA
PLIOCENE 5.3 - 2.6 MYA
MIOCENE 23 - 5.3 MYA
OLIGOCENE 34 - 23 MYA
EOCENE 55 - 34 MYA
PALEOCENE 65 - 55 MYA
CRETACEOUS 145 - 65 MYA
JURASSIC 201 - 145 MYA
TRIASSIC 252 - 201 MYA
PERMIAN 299 - 252 MYA
CARBONIFEROUS 359 - 299 MYA
DEVONIAN 420 - 359 MYA
SILURIAN 443 - 420 MYA
ORDOVICIAN 490 - 443 MYA
CAMBRIAN 540 - 490 MYA
PRE CAMBRIAN 4570 - 540 MYA
Modern humans in the Americas
American megafauna extinction
Origins of agriculture
Written records in Mesopotamia
Origin of life on Earth
Single-celled organisms
Formation of the eukaryotic cell
Metazoans of multicellular life
First bilaterally symmetrical animals
First creatures to develop backbones
Arthropods dominate the sea and the land
First radially symmetrical animals
First creatures to open their eyes
Ordovician extinction
Plants colonise the land
Coral reefs expand in the sea
First forests
Corals redraw the map of the world
First vertebrates emerge from the sea to the land
Late Devonian extinction
Great coalfields are laid down
Continents collide to form Pangea
Permian mass extinction
95% of all species become extinct
Age of the Reptilia begins
Hottest period in the planet's history
Largest living organism in the world today
Triassic-Jurassic extinction
Continents break apart
Origin of primates
Madagascar splits with India and the Himalayas are formed
Age of the Mammals begins
First bird ancestors to fly
End Cretaceous extinction
Collision with a massive celestial rock
Flowering of flowers
Early nocturnal mammals rely on moonlight, starlight and twilight
Whales communicate globally through sound
Origin of language
First Australopithecus, Africa
First stone tools, Africa
Drying and refilling of the Mediterranean Sea
Human-chimpanzee divergence, East Africa
Chimpanzees, bonobos and gorillas inhabit the deep forests of East Africa
Homo neanderthalensis
Anatomically modern humans
Modern behaviour/ art
Modern humans in Australia
Australian megafauna extinction
Modern humans in Siberia and Europe
Homo erectus in East Asia
Homo heidelbergensis in Europe
Discovery of fire
Homo erectus out of Africa
Living fossils
Endangered species
Trace fossils
Closely related living species have had their DNA sequenced