

### Selections from Timeline of the Far Future (Wikipedia)

<i>Years from now</i>	<i>Event(s)</i>
50,000	"According to Berger and Loutre, the current interglacial period ends, sending the Earth back into a glacial period of the current ice age... Niagara Falls will have eroded away the remaining 32 km to Lake Erie, and ceased to exist... The many glacial lakes of the Canadian Shield will have been erased by post-glacial rebound and erosion."
250,000	"Lō'ihi, the youngest volcano in the Hawaiian–Emperor seamount chain, will rise above the surface of the ocean and become a new volcanic island."
2 million+	"The Grand Canyon will erode further, deepening slightly, but principally widening into a broad valley surrounding the Colorado River."
10 million	"The widening East African Rift valley is flooded by the Red Sea, causing a new ocean basin to divide the continent of Africa and the African Plate into the newly formed Nubian Plate and the Somali Plate."
50 million	"The Californian coast begins to be subducted into the Aleutian Trench due to its northward movement along the San Andreas Fault. Africa's collision with Eurasia closes the Mediterranean Basin and creates a mountain range similar to the Himalayas. The Appalachian Mountains peaks will largely erode away... although topography will actually increase as regional valleys deepen at twice this rate."
250 million	"All the continents on Earth may fuse into a supercontinent. Three potential arrangements of this configuration have been dubbed Amasia, Novopangaea, and Pangaea Ultima."
600 million	"The Sun's increasing luminosity begins to disrupt the carbonate–silicate cycle; higher luminosity increases weathering of surface rocks, which traps carbon dioxide in the ground as carbonate... plate tectonics to slow and eventually stop. Without volcanoes to recycle carbon into the Earth's atmosphere, carbon dioxide levels begin to fall... All plants that utilize C3 photosynthesis (~99 percent of present-day species) will die."
2.3 billion	"The Earth's outer core freezes, if the inner core continues to grow at its current rate of 1 mm per year. Without its liquid outer core, the Earth's magnetic field shuts down,[63] and charged particles emanating from the Sun gradually deplete the atmosphere."

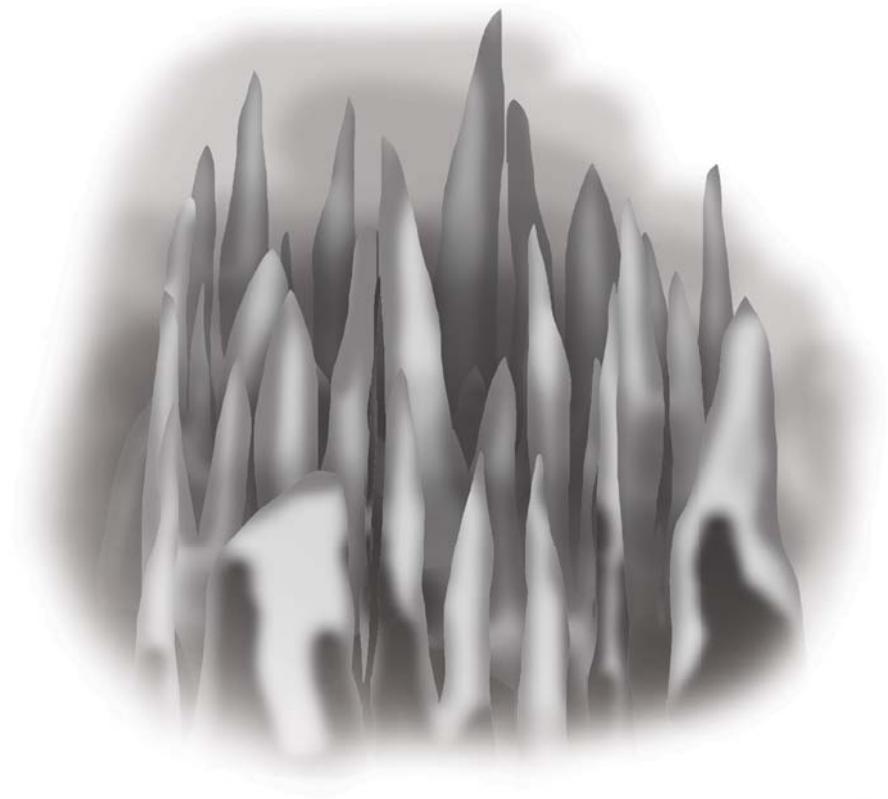


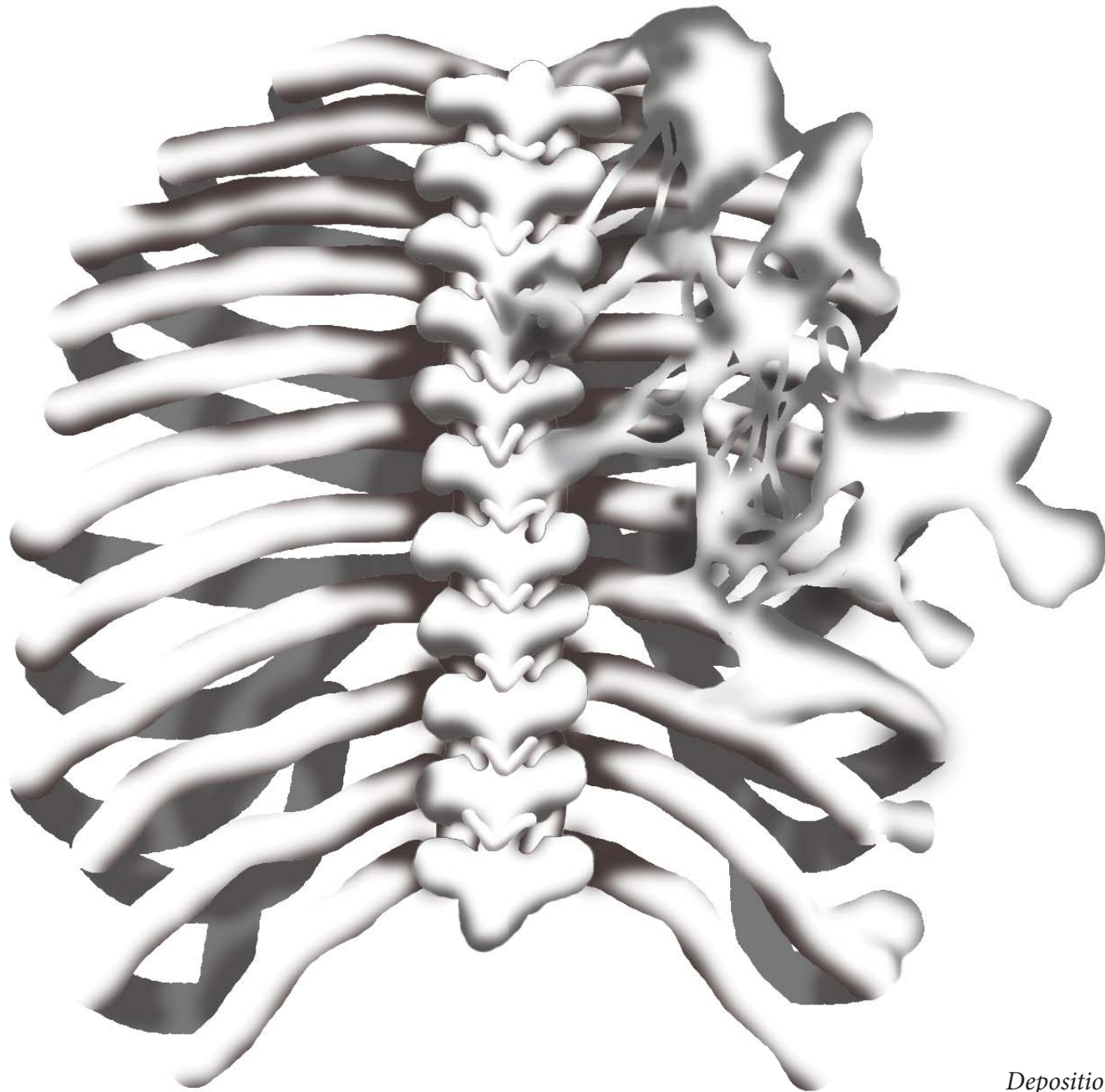


*Karst 1*



*Sedimentation – Tonsilloliths*





*Deposition - Fibrodysplasia  
ossificans progressiva*