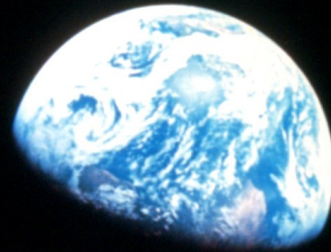


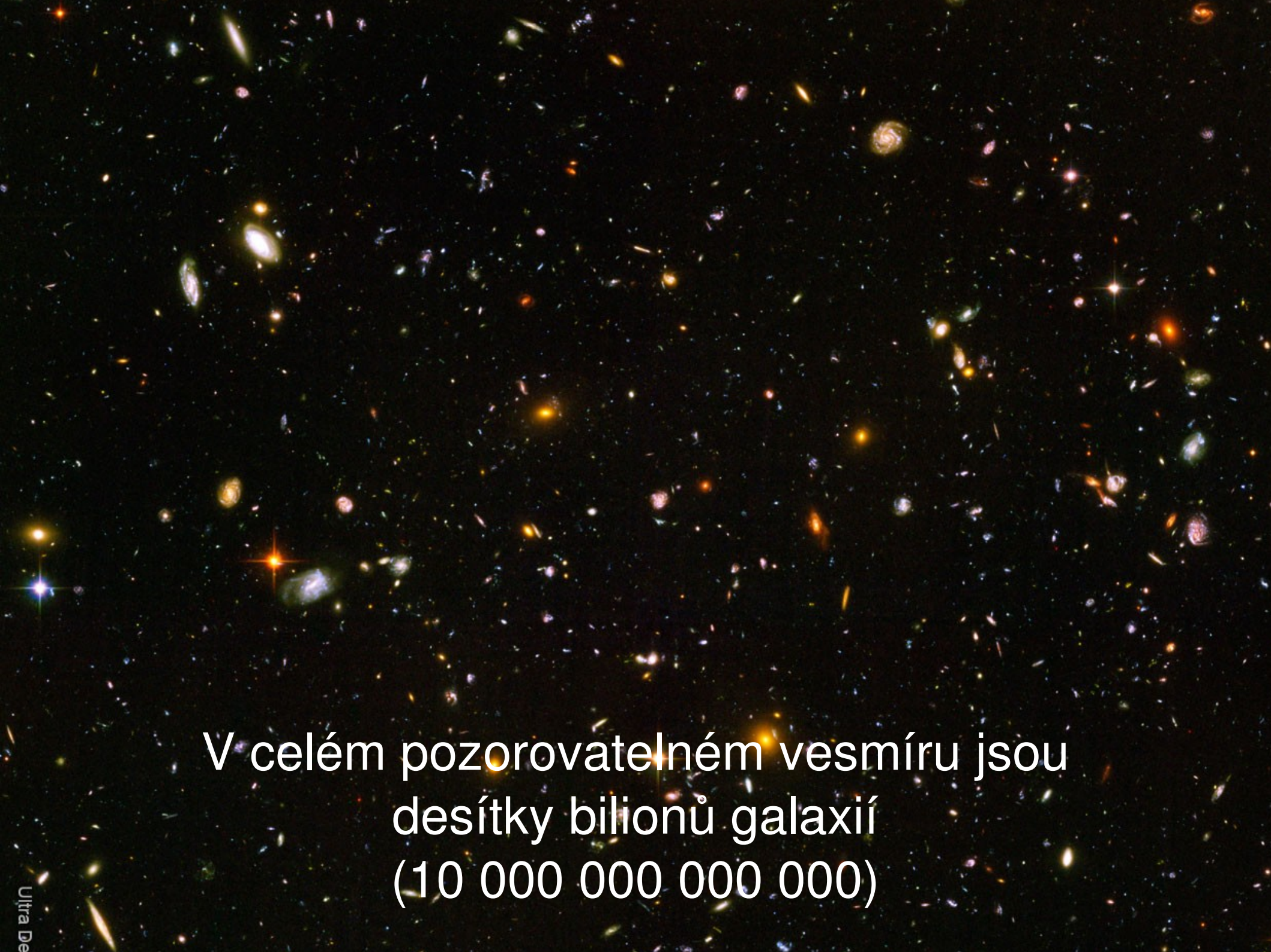
# Role CO<sub>2</sub> v historii Země



A wide-field photograph of a galaxy, likely the Milky Way, showing a dense field of stars and a bright central core. The galaxy is oriented horizontally, with the bright core on the left and the spiral arms extending to the right. The background is filled with numerous individual stars of various colors and sizes.

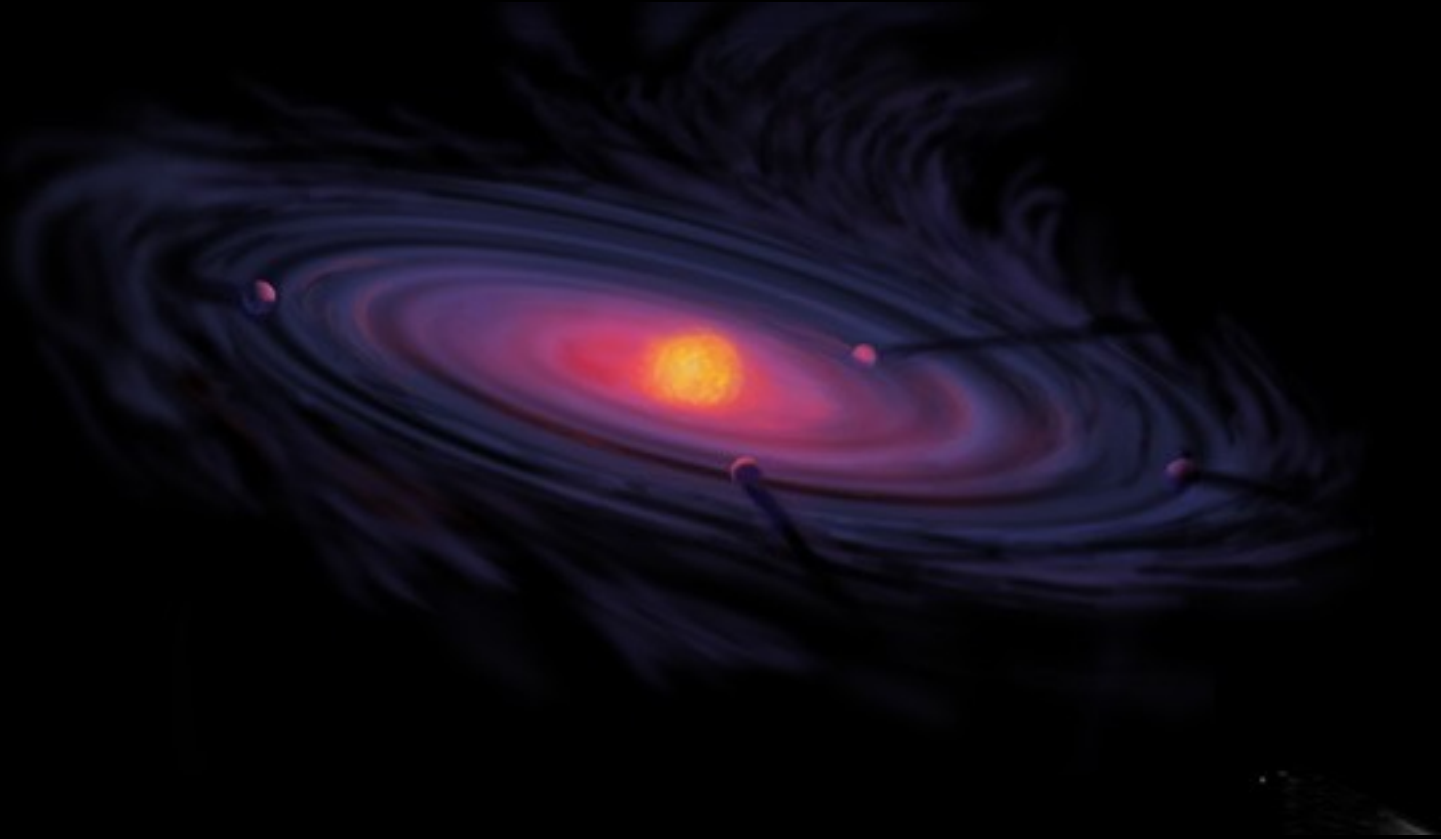
Jen v naší Galaxii existují stovky miliard hvězd  
(100 000 000 000)





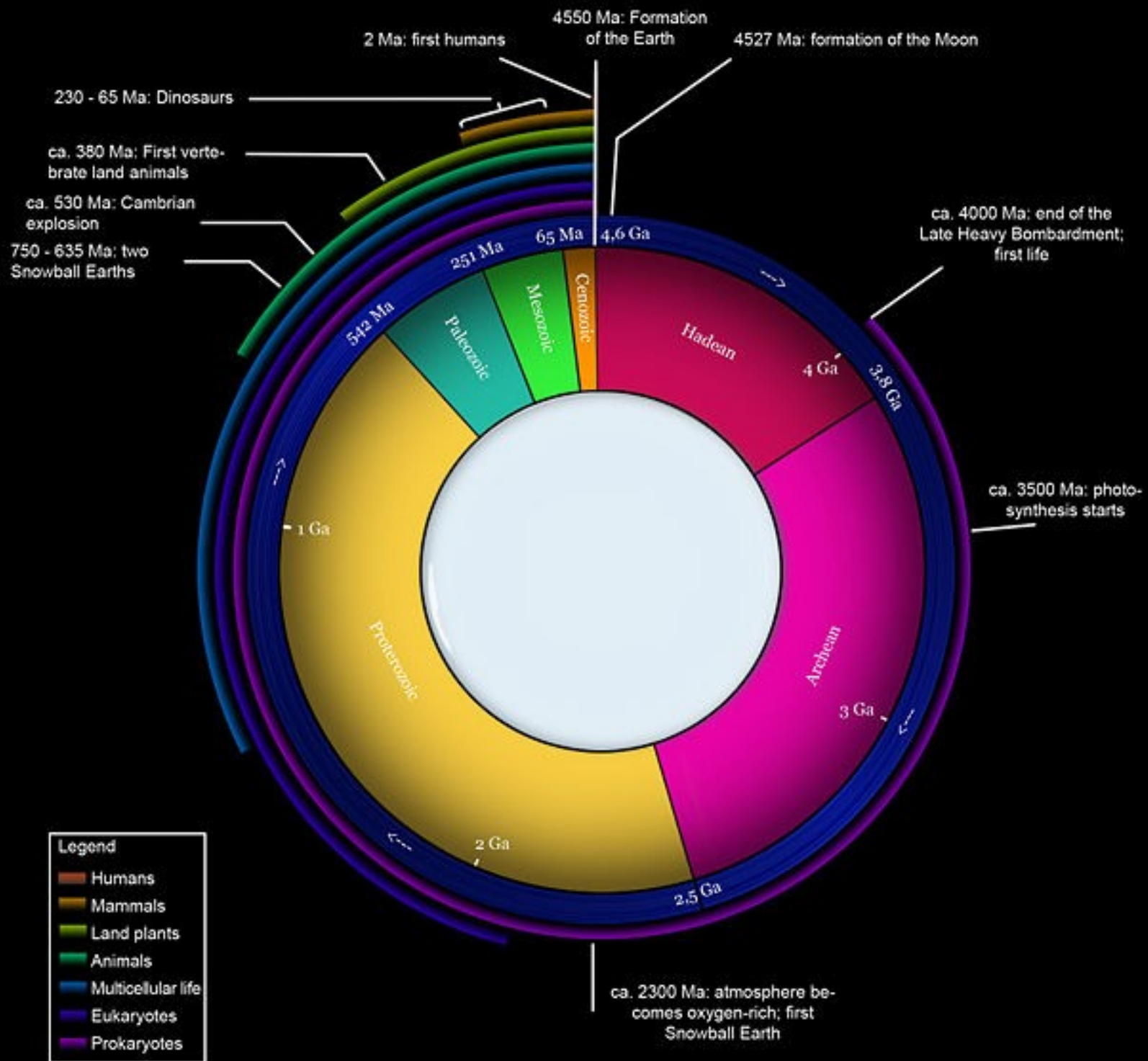
V celém pozorovatelném vesmíru jsou  
desítky bilionů galaxií  
(10 000 000 000 000)

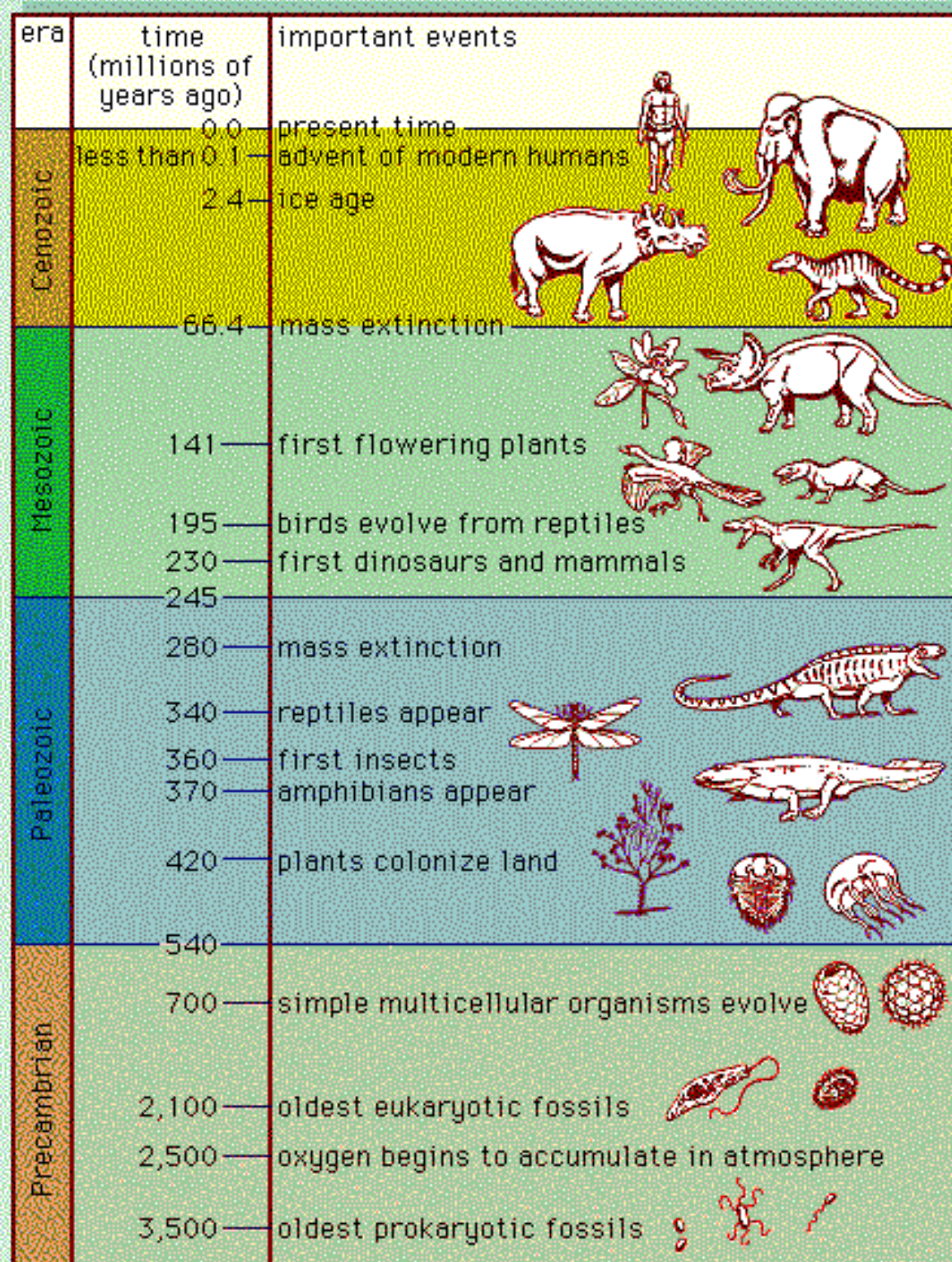
# Protoplanetární disk



Vznik sluneční soustavy před 4,6 miliardami let



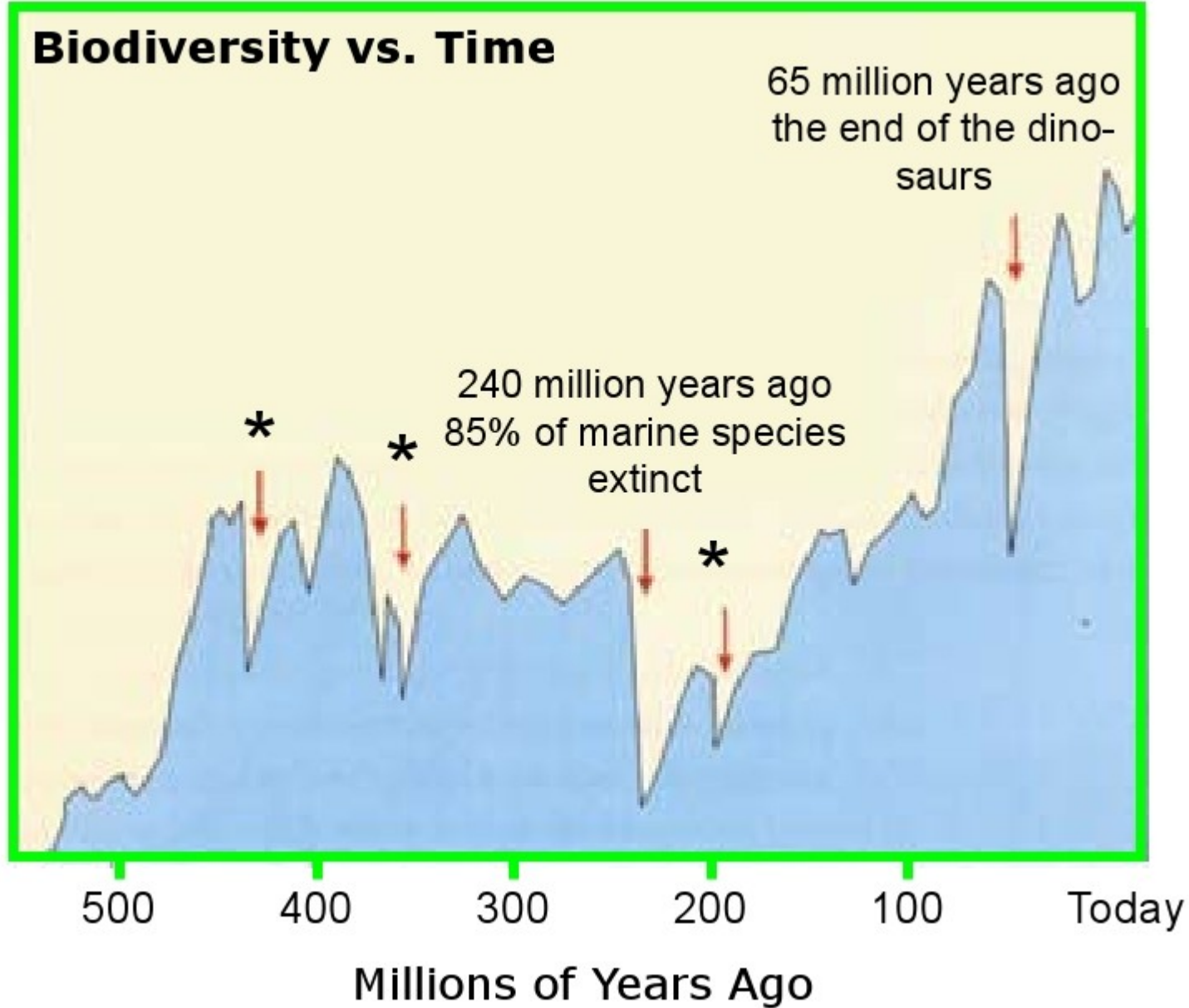


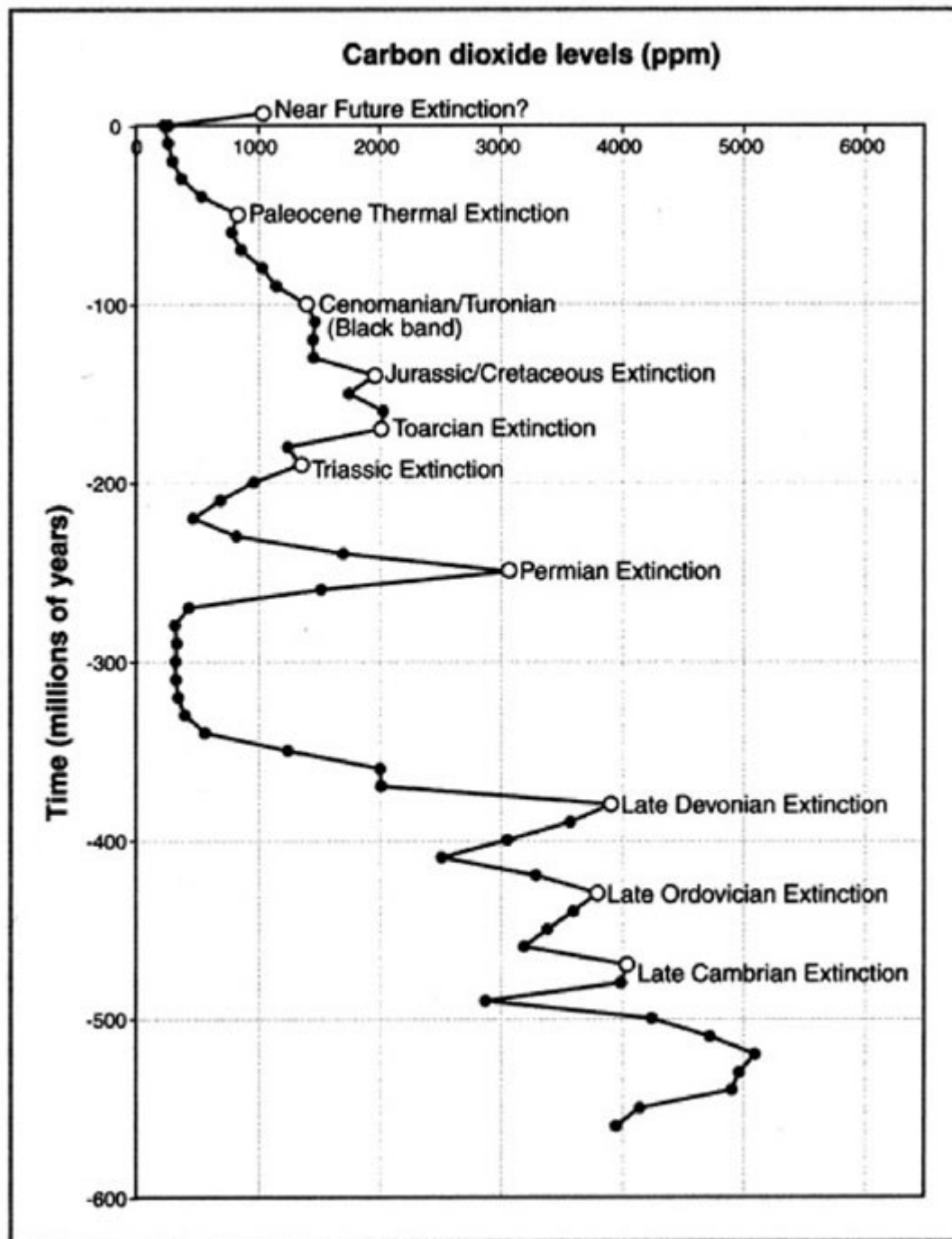




Different Kinds of Marine Organisms

## Biodiversity vs. Time

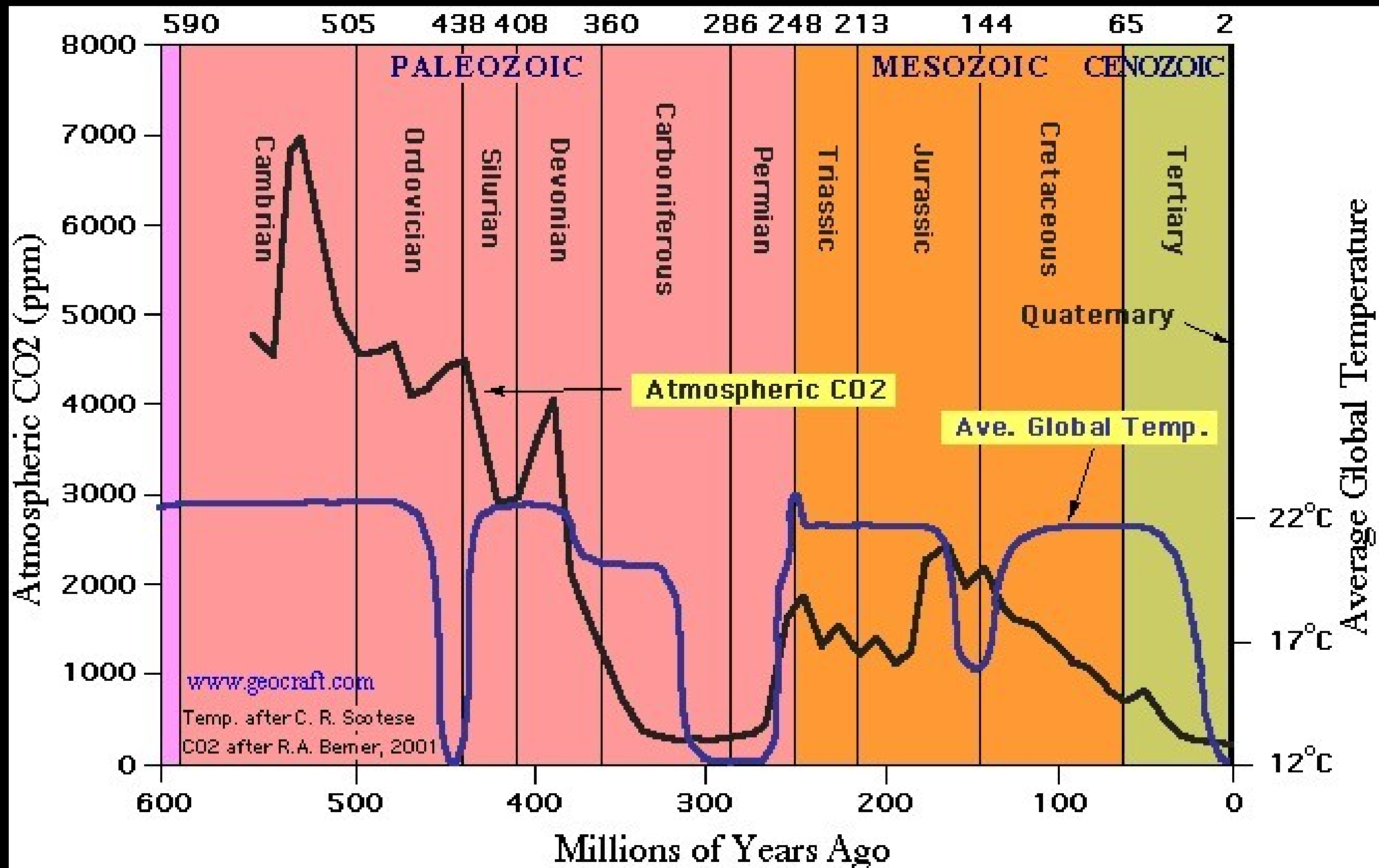




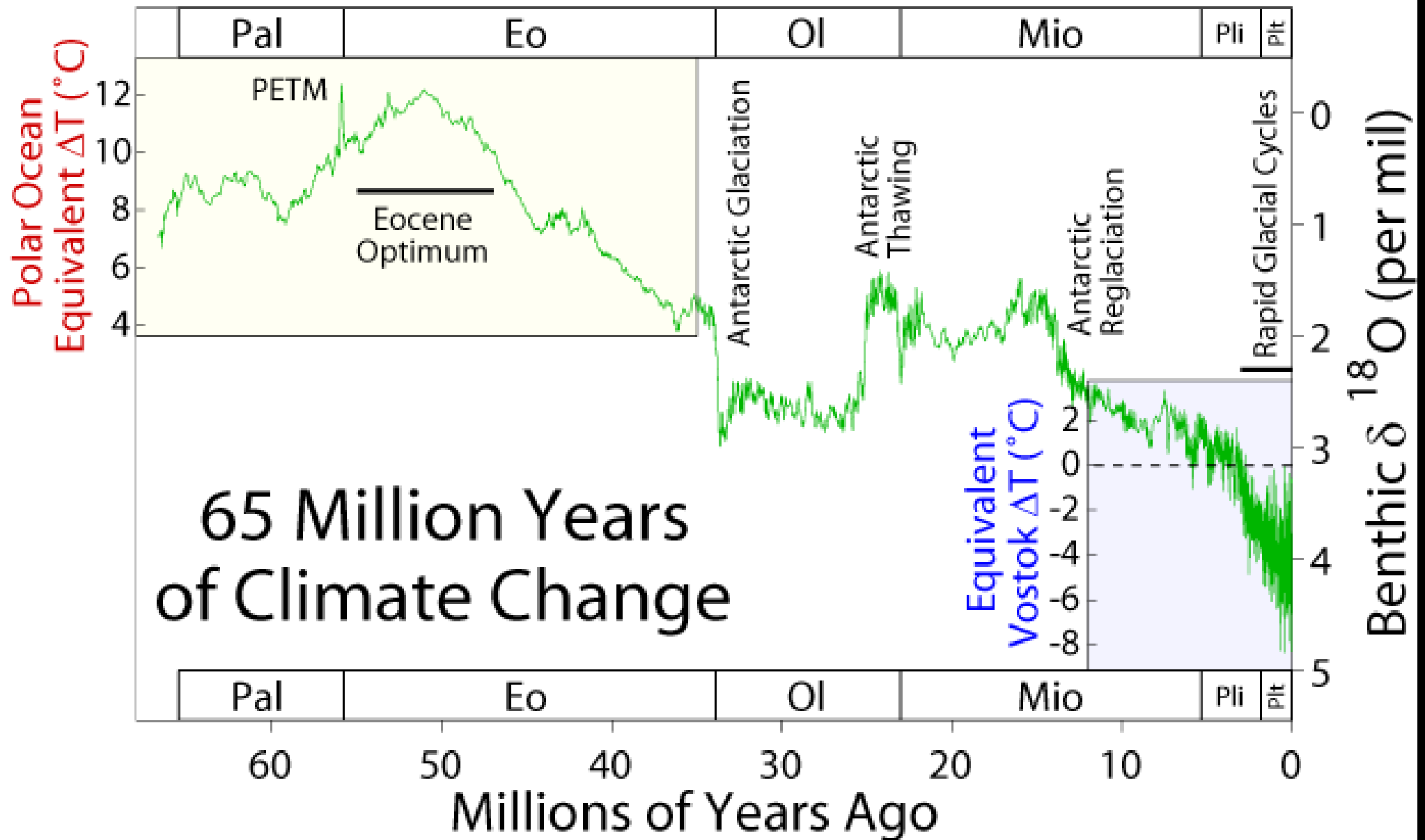


# THE SNOWBALL EARTH

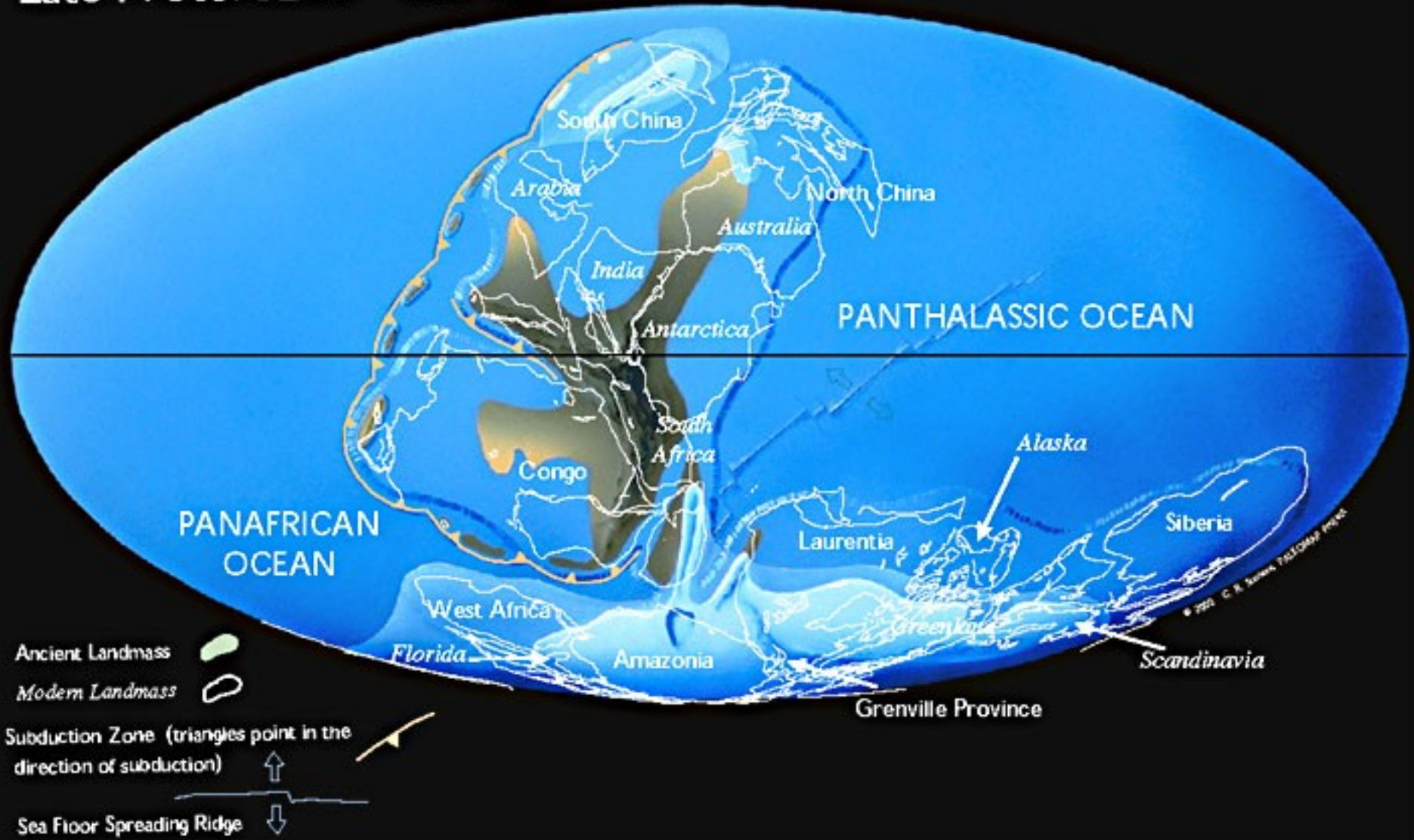








Late Proterozoic 650 Ma

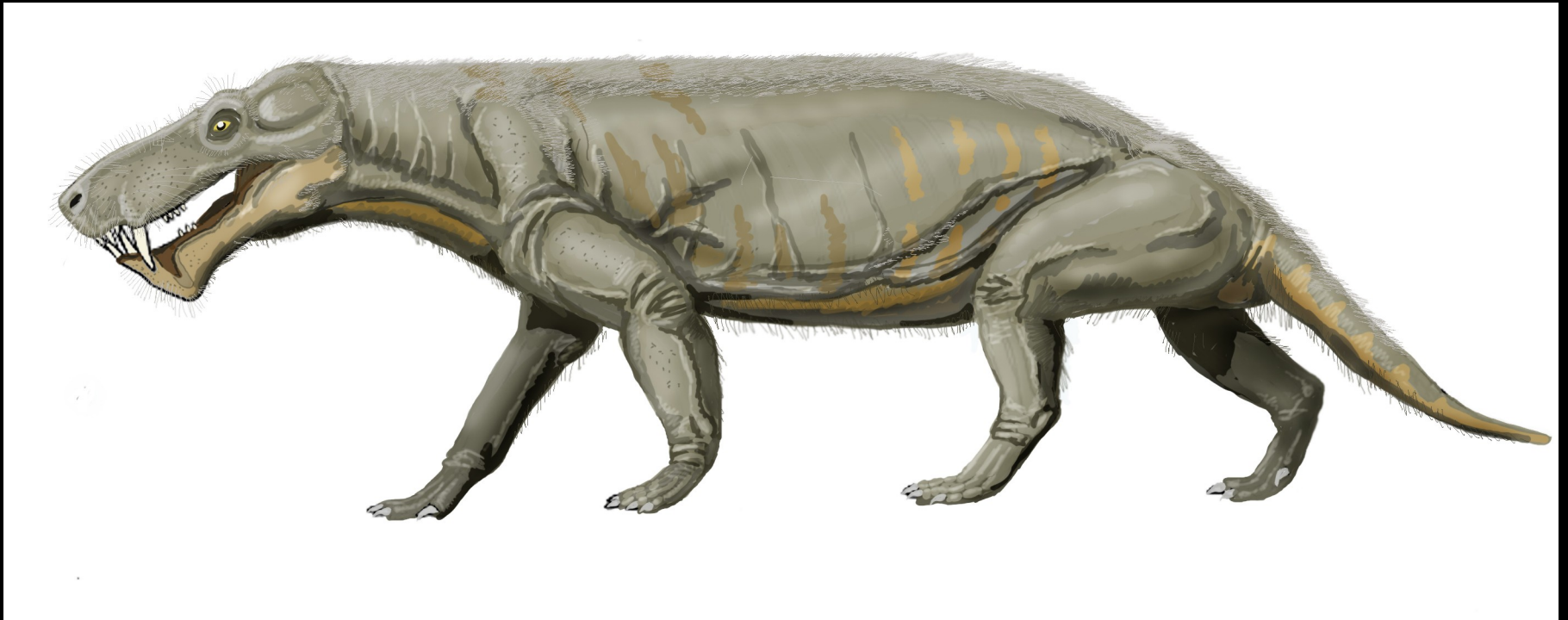


<http://mineraly.wz.cz/paleomapy.htm>





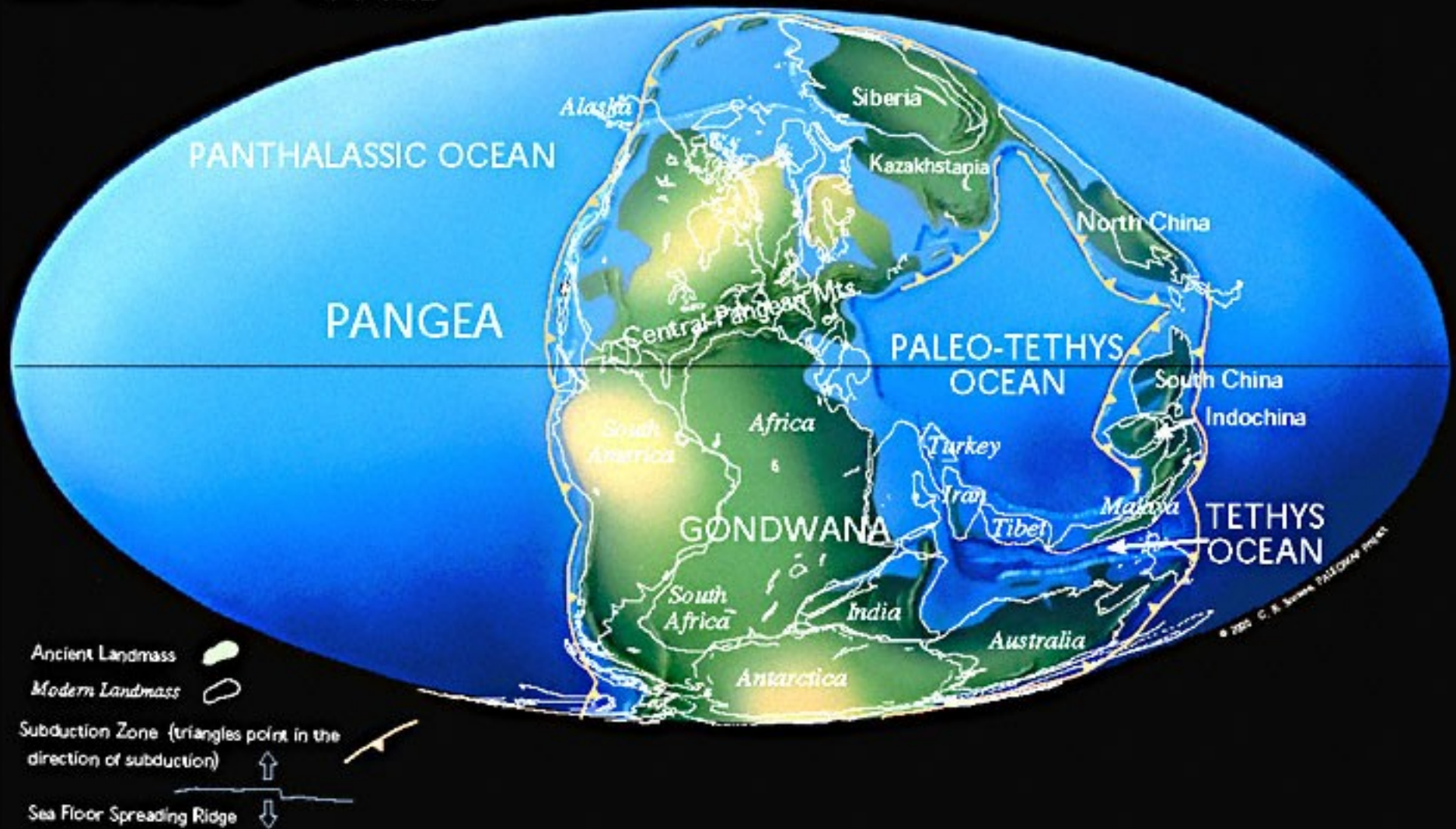
# Prvohory



# Gorgon

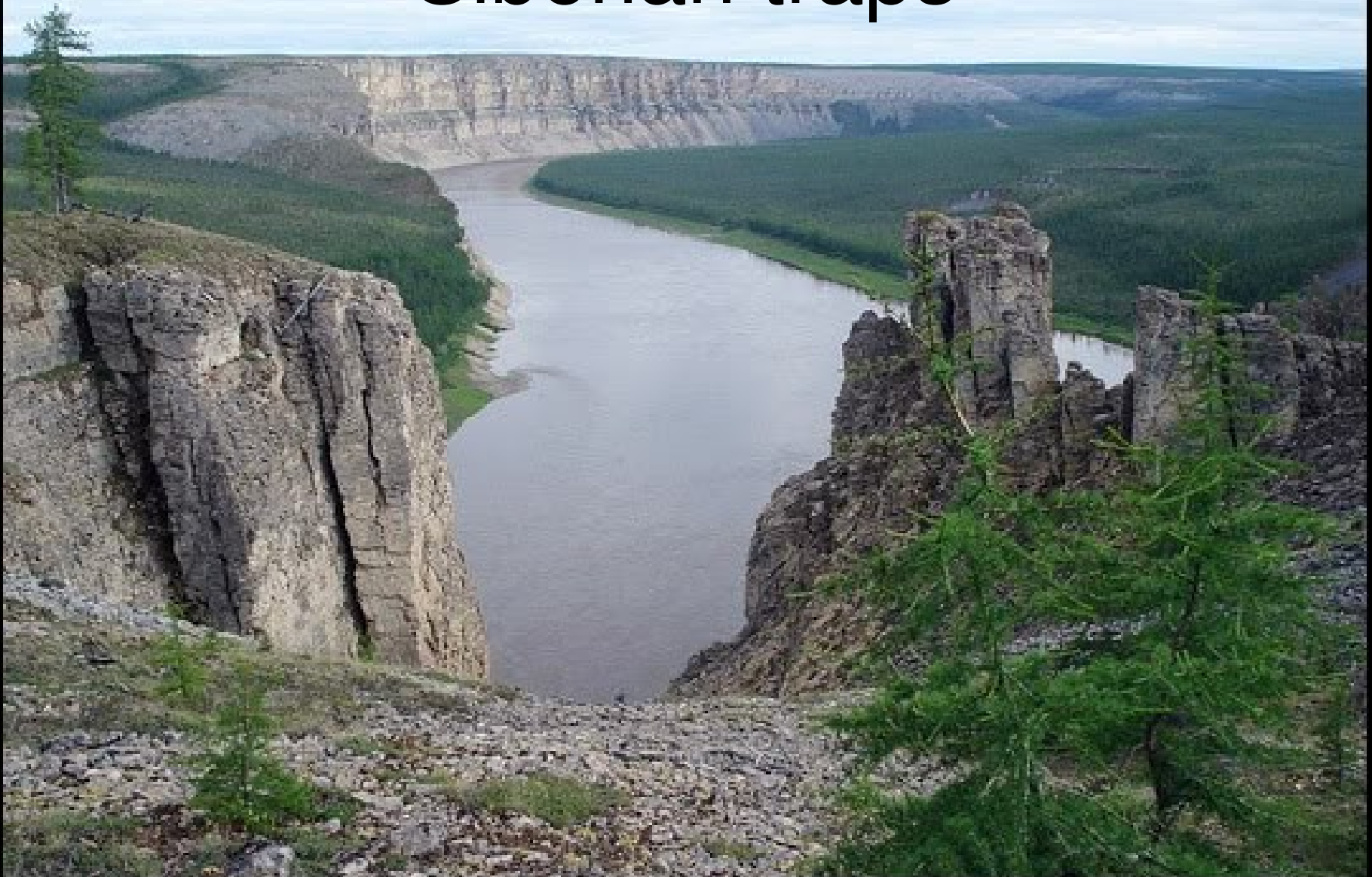


Late Permian 255 Ma



<http://mineraly.wz.cz/paleomapy.htm>

# Siberian traps

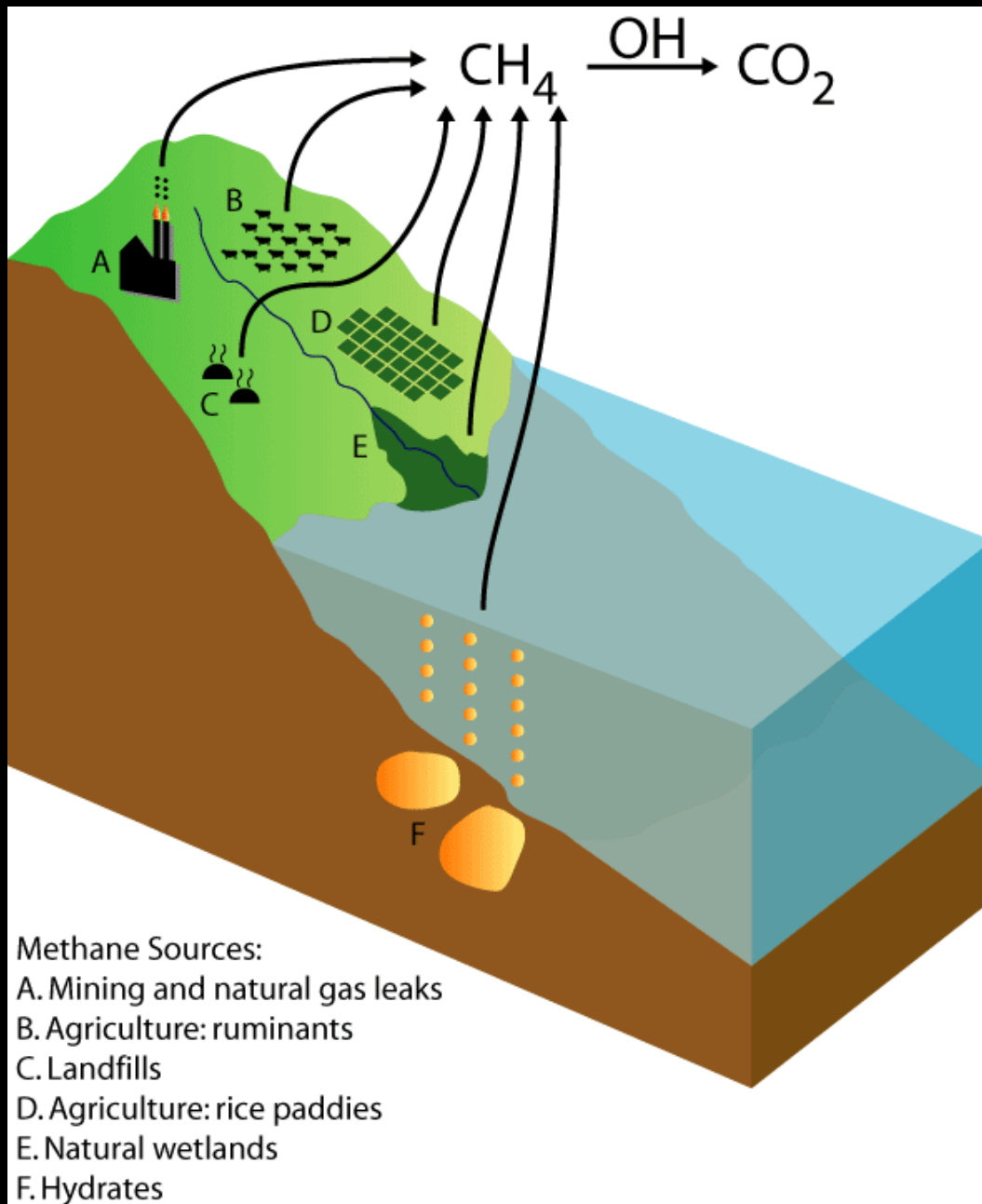


<http://climaticidechronicles.org/2008/08/28/is-the-great-dying-a-hint-of-our-future/>



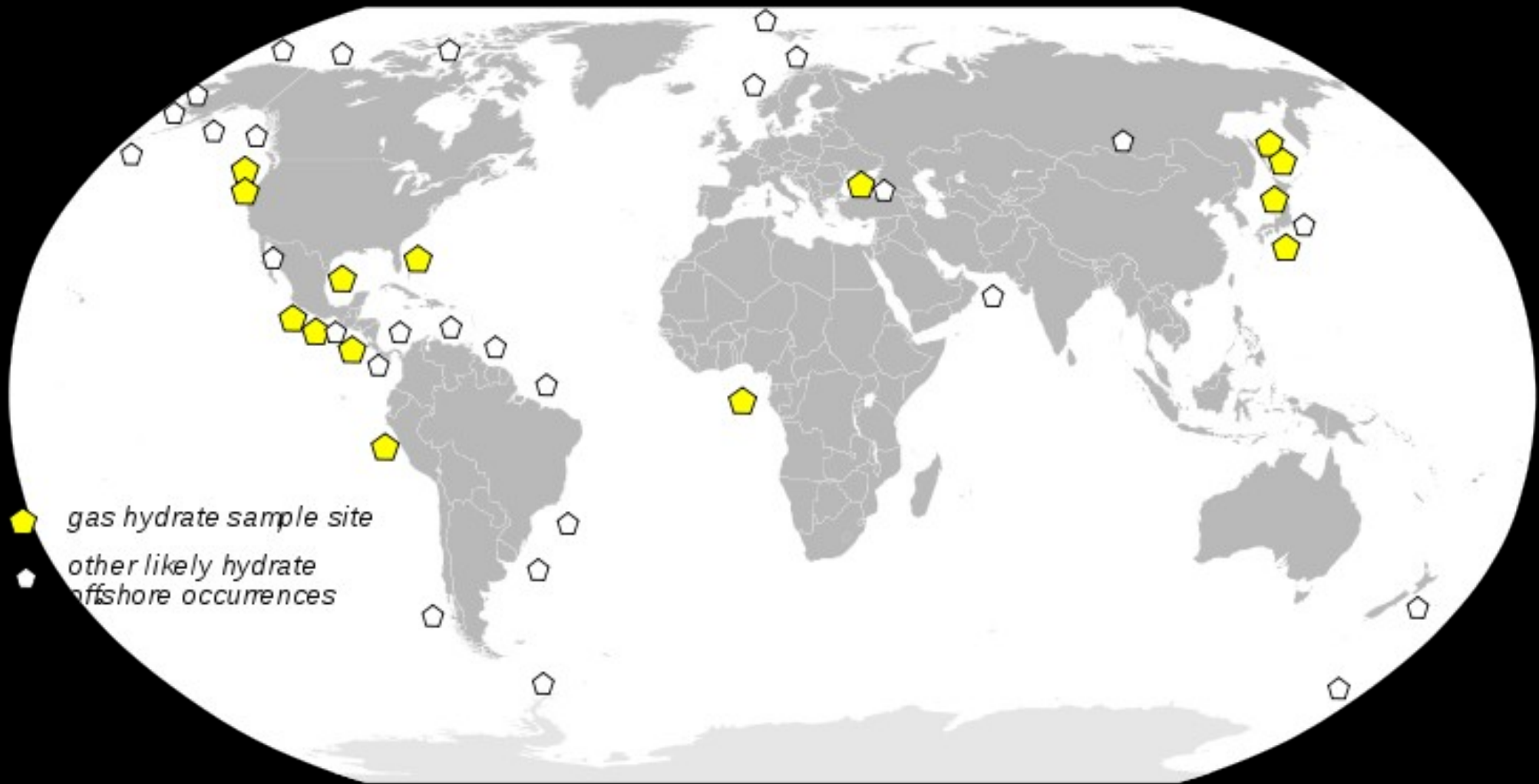


[http://en.wikipedia.org/wiki/Siberian\\_Traps](http://en.wikipedia.org/wiki/Siberian_Traps)



<http://www.giss.nasa.gov/research/features/methane/>





[http://en.wikipedia.org/wiki/Methane\\_hydrate](http://en.wikipedia.org/wiki/Methane_hydrate)





Foto: Tim Wetherell

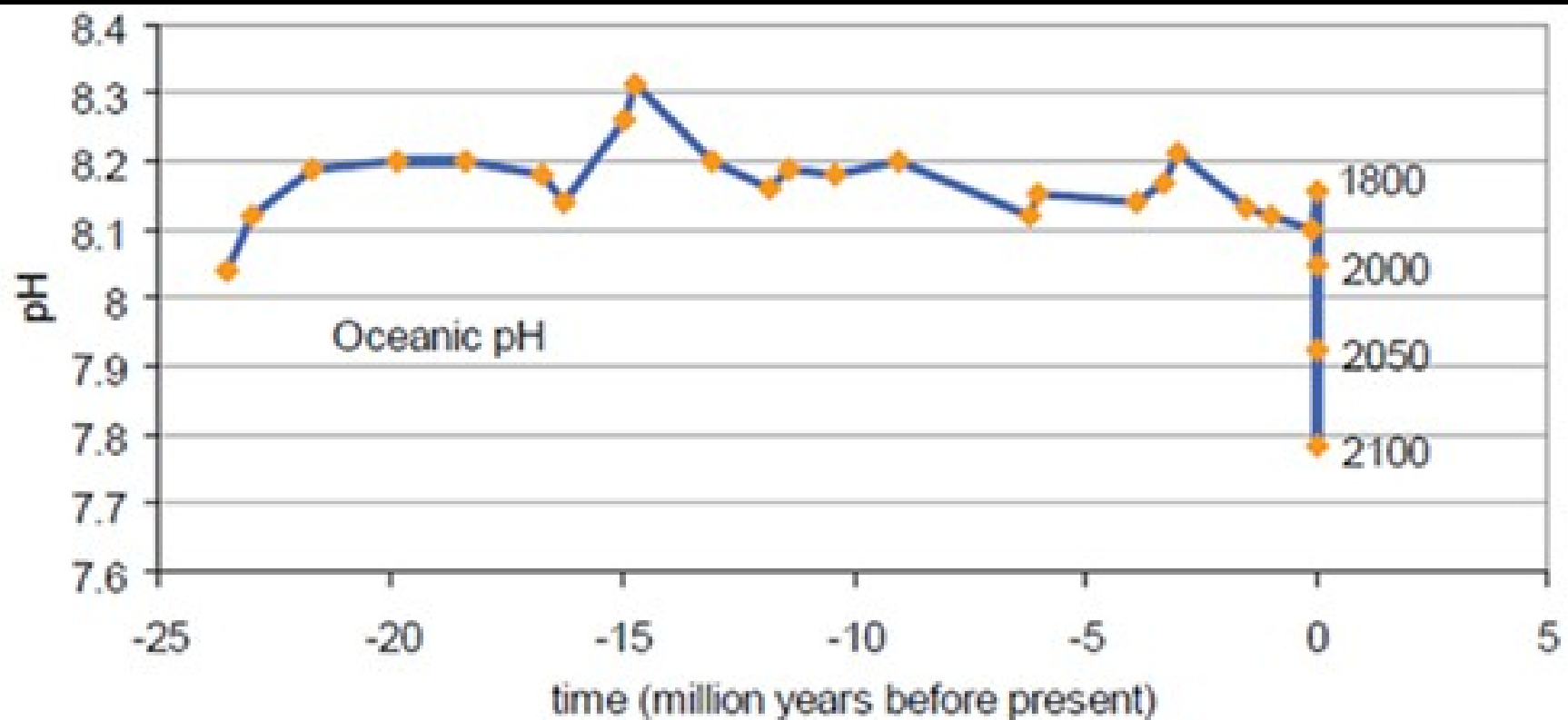


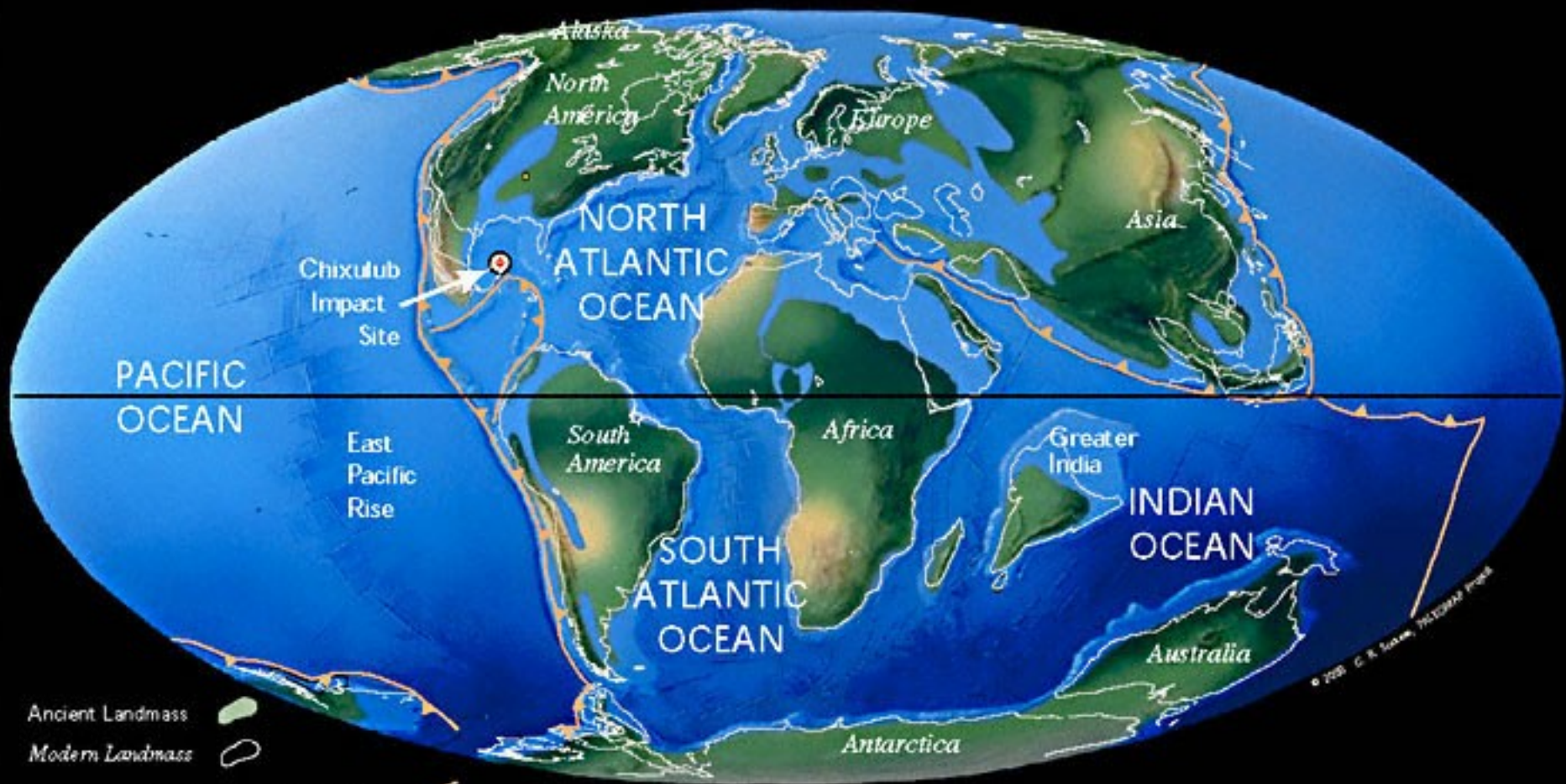
Figure 1. Past and contemporary variability of marine pH. Future predictions are model derived values based on IPCC mean scenarios (from Turley *et al*, 2006. Cambridge University Press, 8, 65-70).



# Druhohory






# K/T Boundary 66 Ma

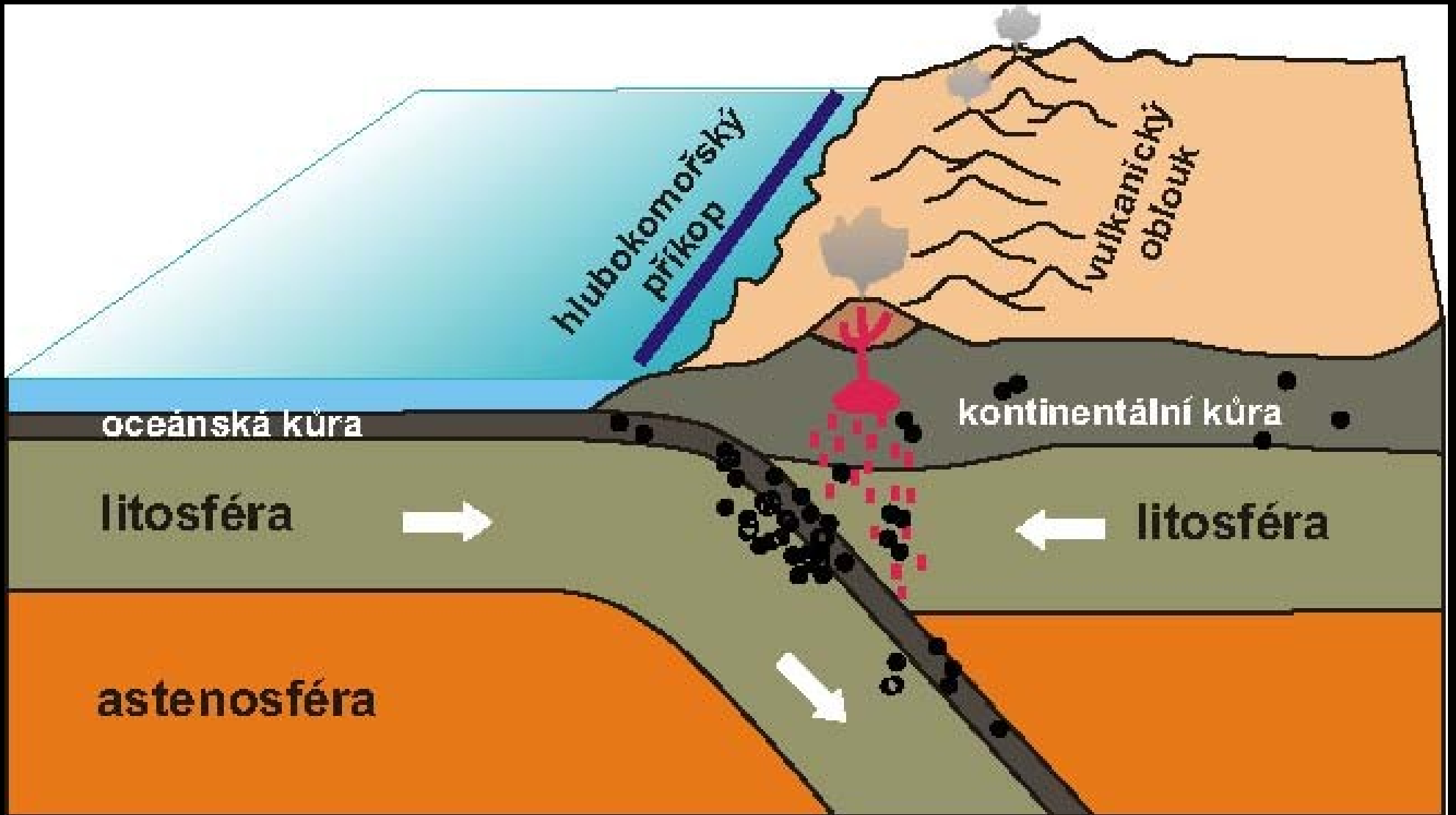


Ancient Landmass   
Modern Landmass 

Subduction Zone (triangles point in the direction of subduction) 

Sea Floor Spreading Ridge 

<http://mineraly.wz.cz/paleomapy.htm>





# Deccan Traps - středozápadní Indie

