

# Role CO<sub>2</sub> v historii Země





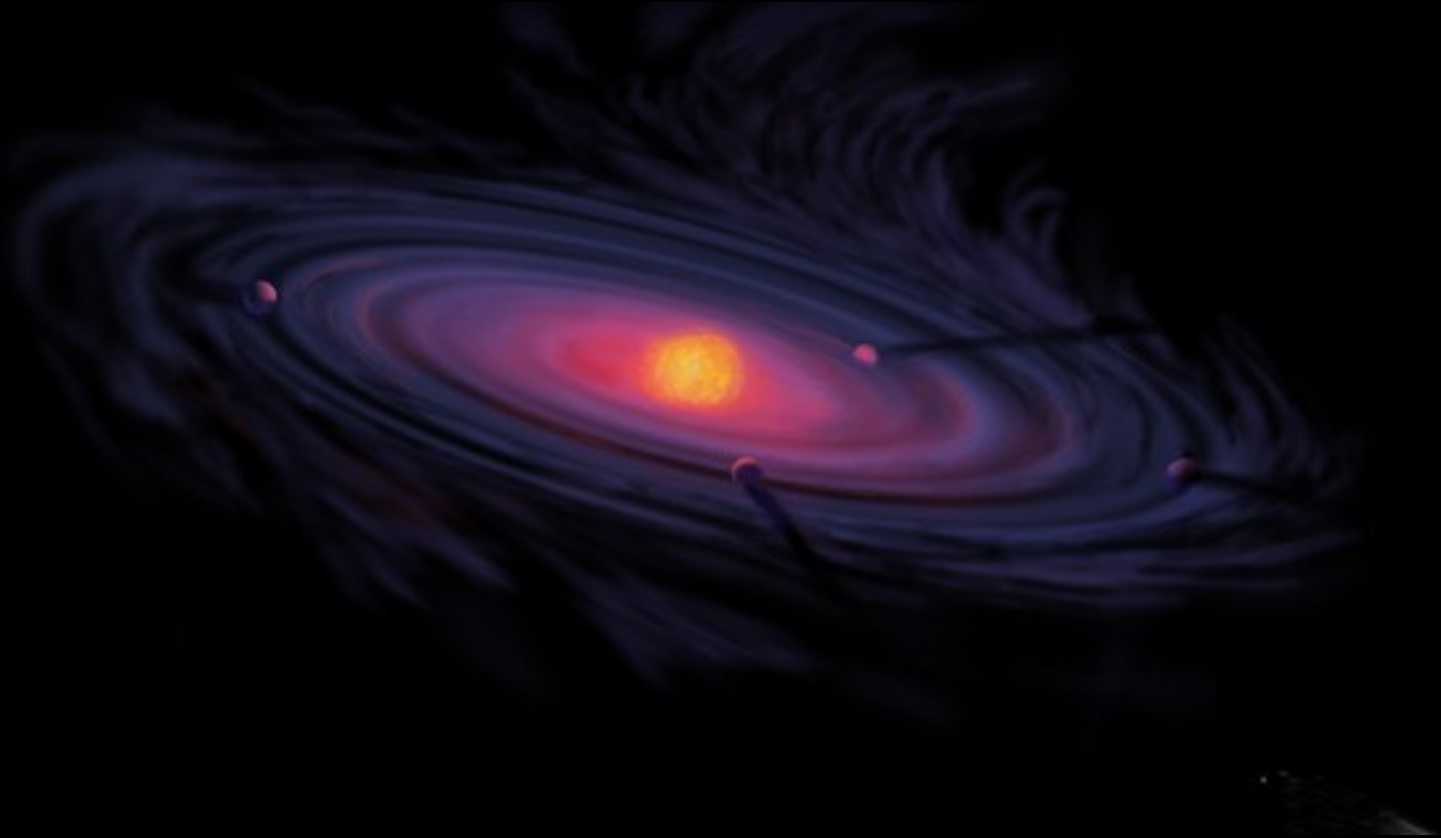
Jen v naší Galaxii existují stovky miliard hvězd  
(100 000 000 000)





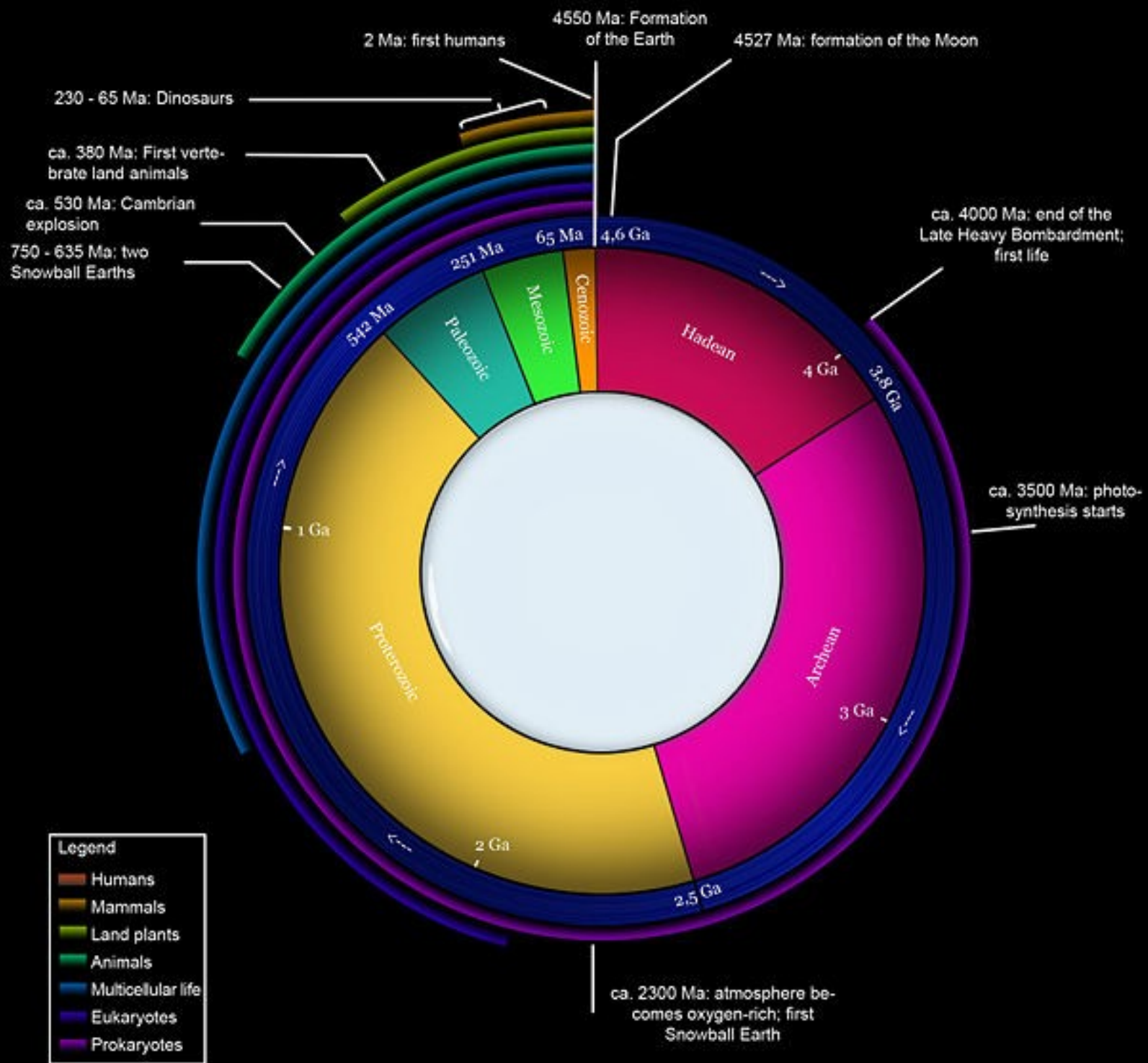
V celém pozorovatelném vesmíru jsou  
desítky bilionů galaxií  
(10 000 000 000 000)

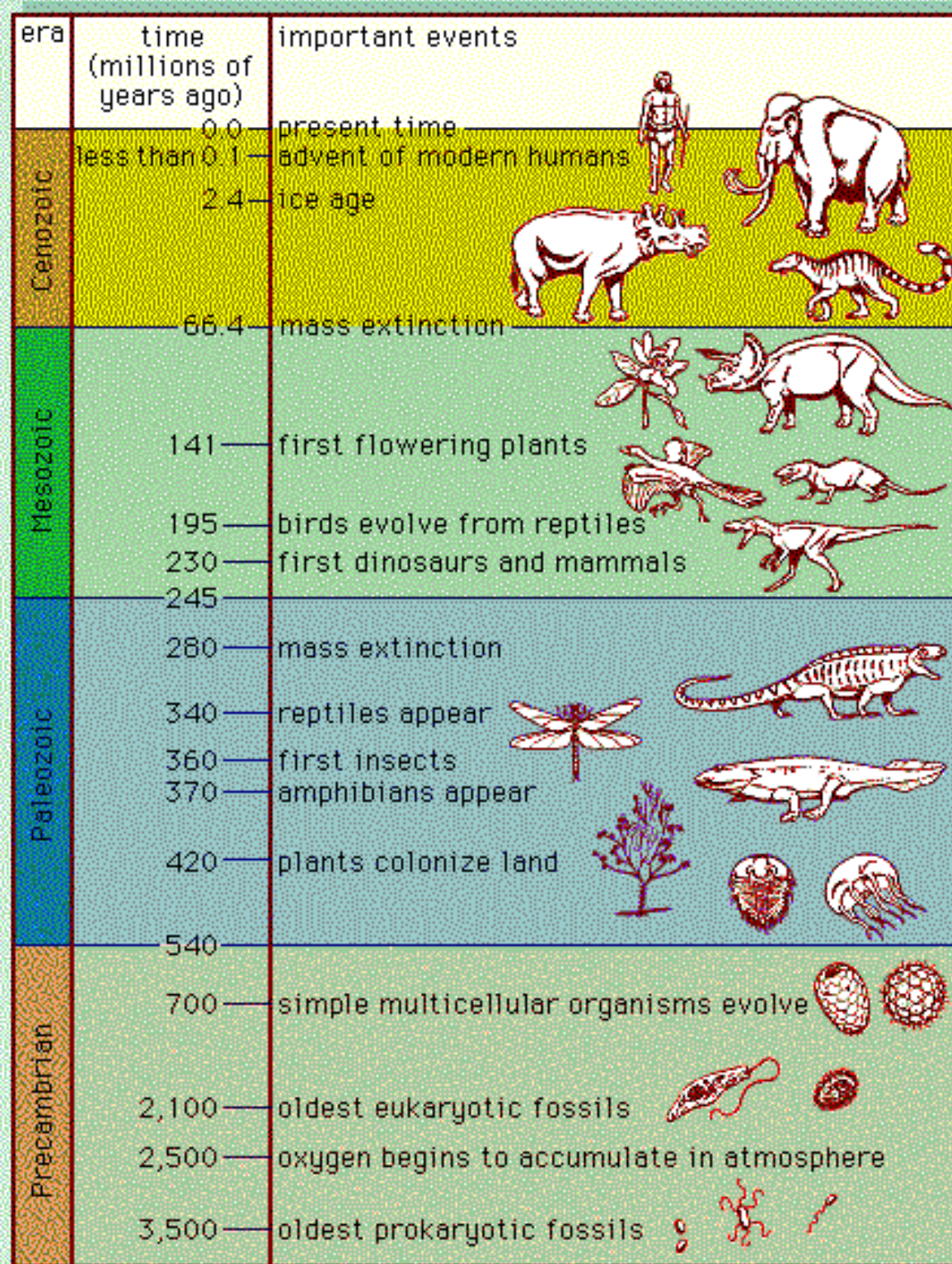
# Protoplanetární disk



Vznik sluneční soustavy před 4,6 miliardami let



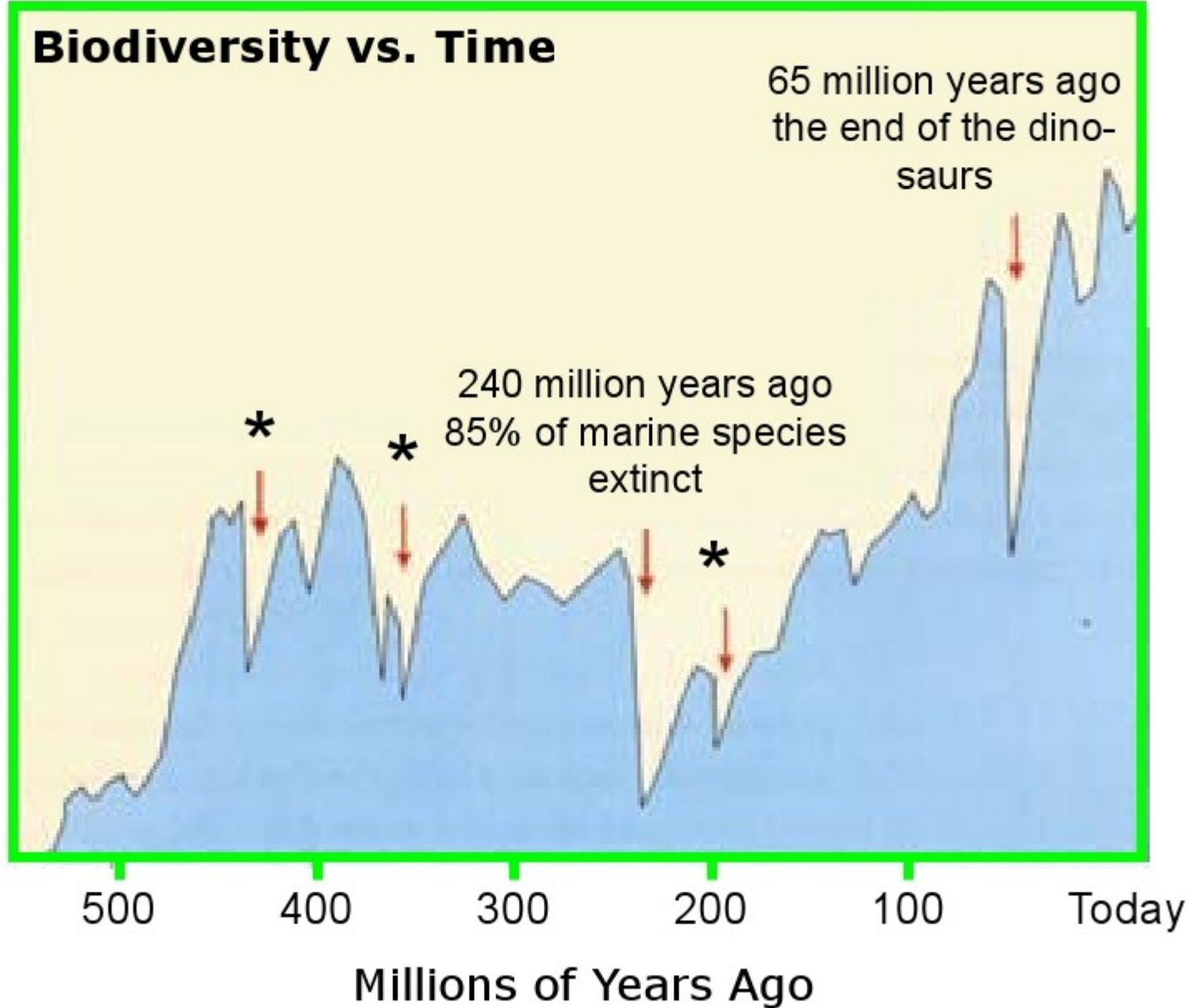


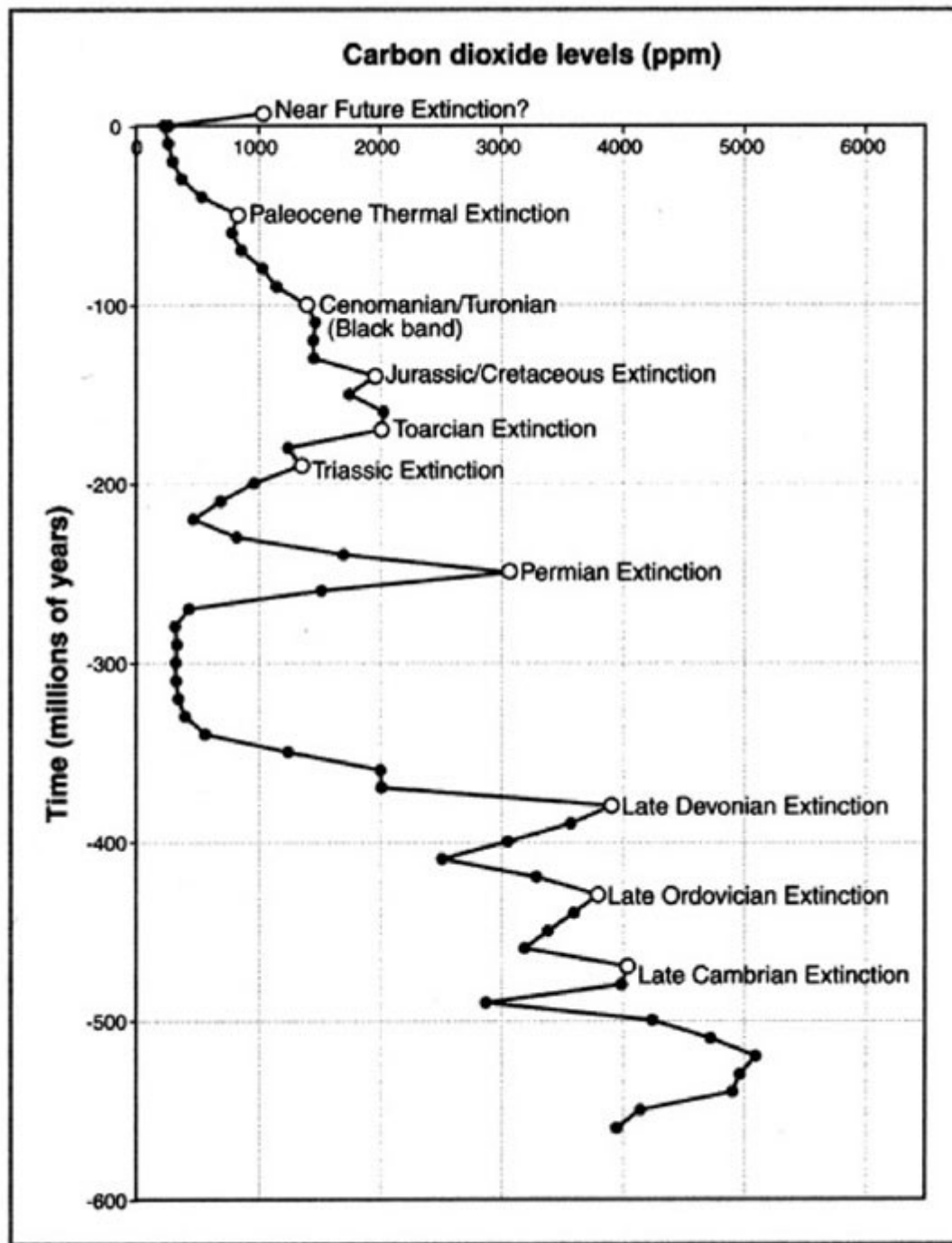




Different Kinds of Marine Organisms

## Biodiversity vs. Time

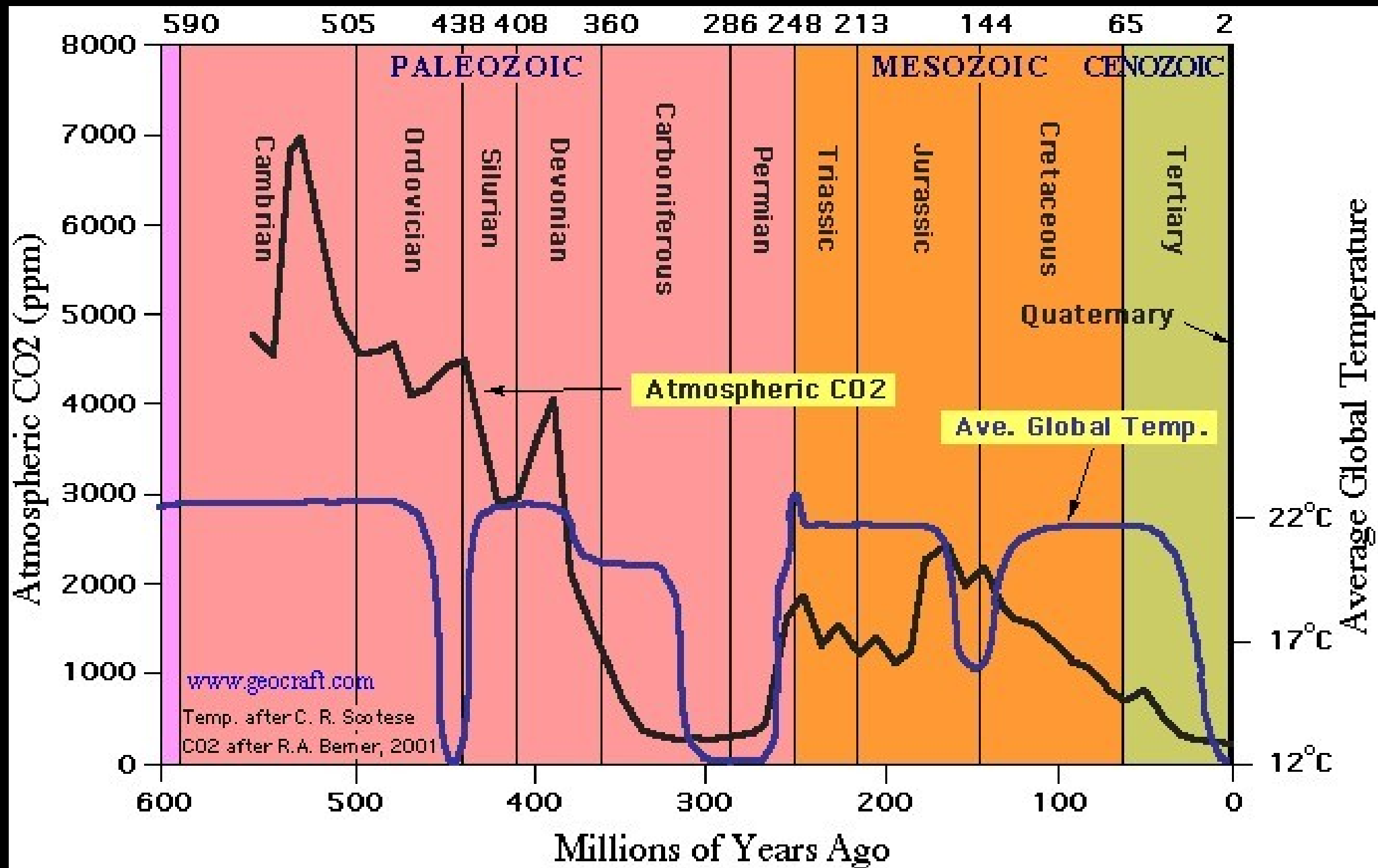




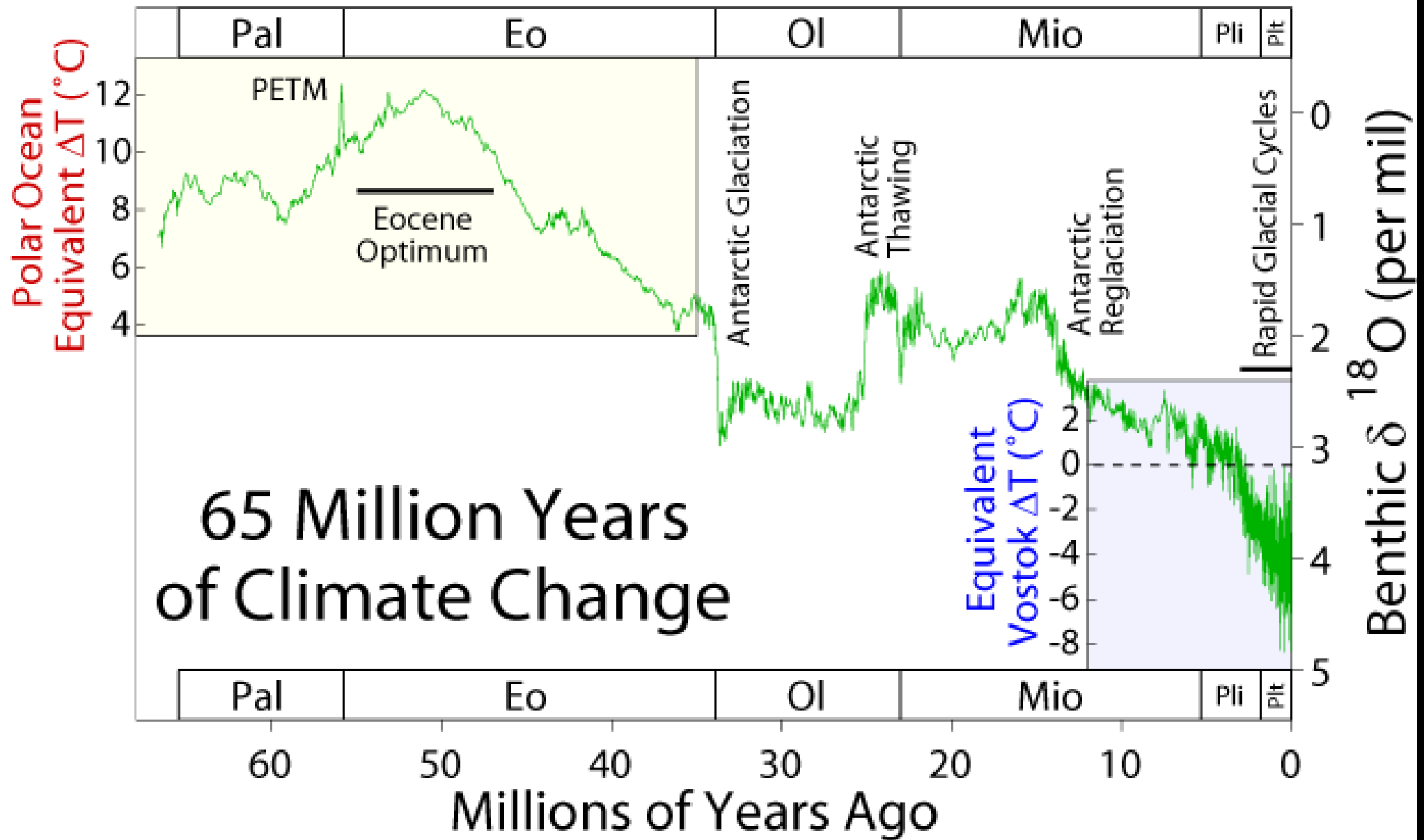


# THE SNOWBALL EARTH

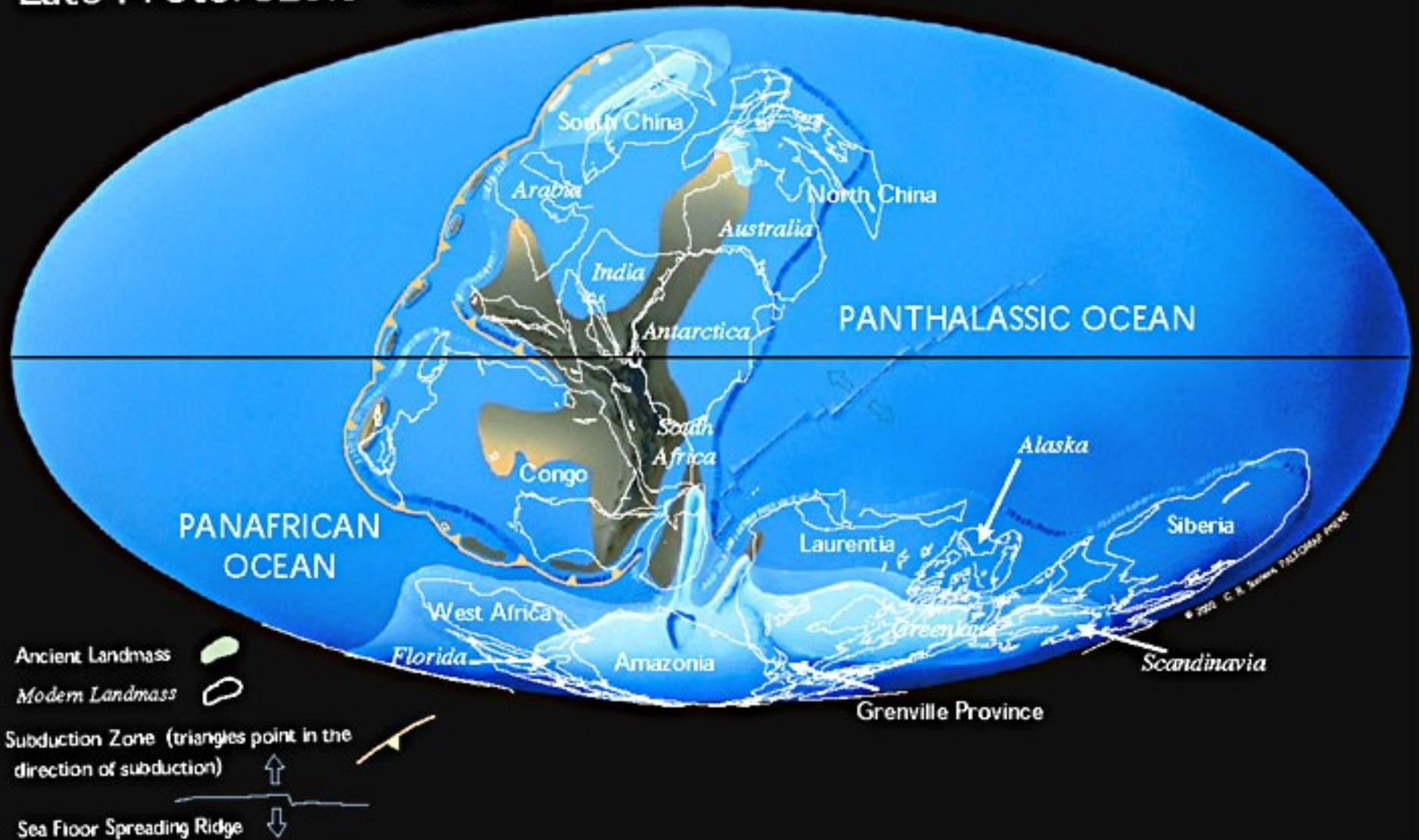








Late Proterozoic 650 Ma

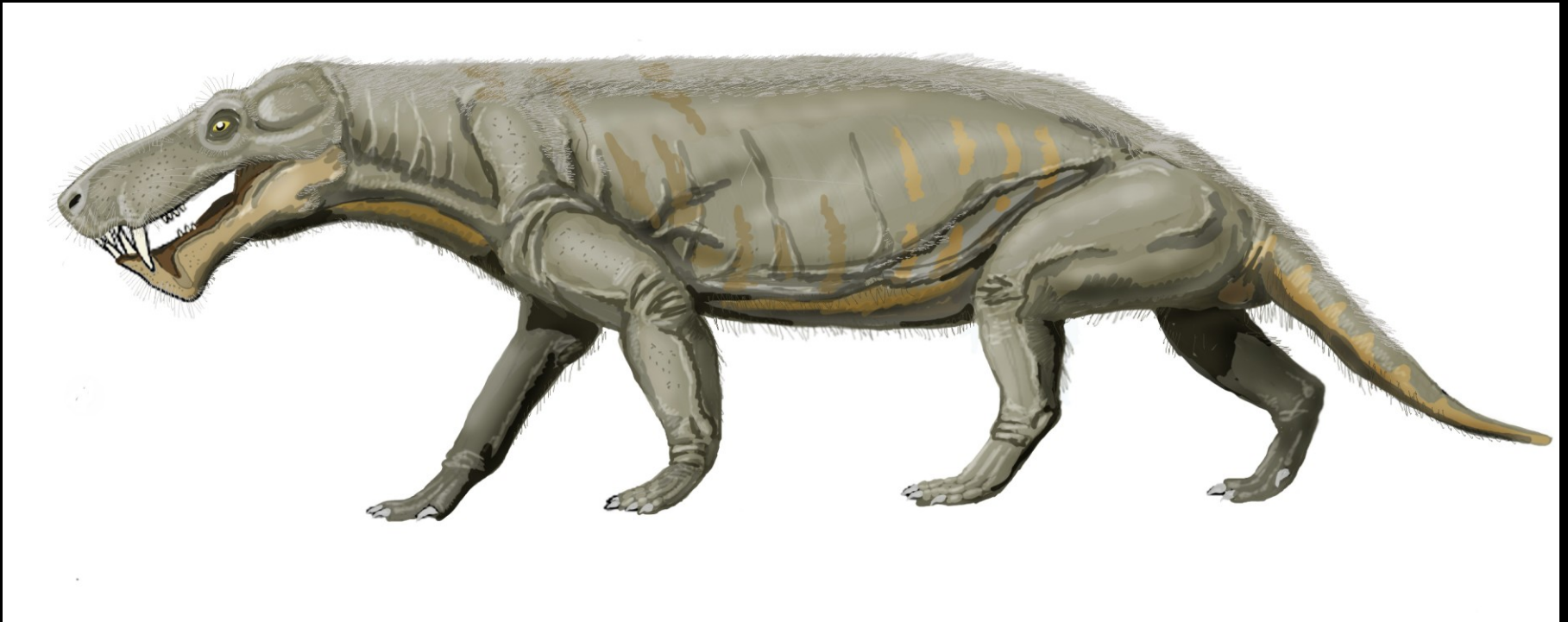


<http://mineraly.wz.cz/paleomapy.htm>





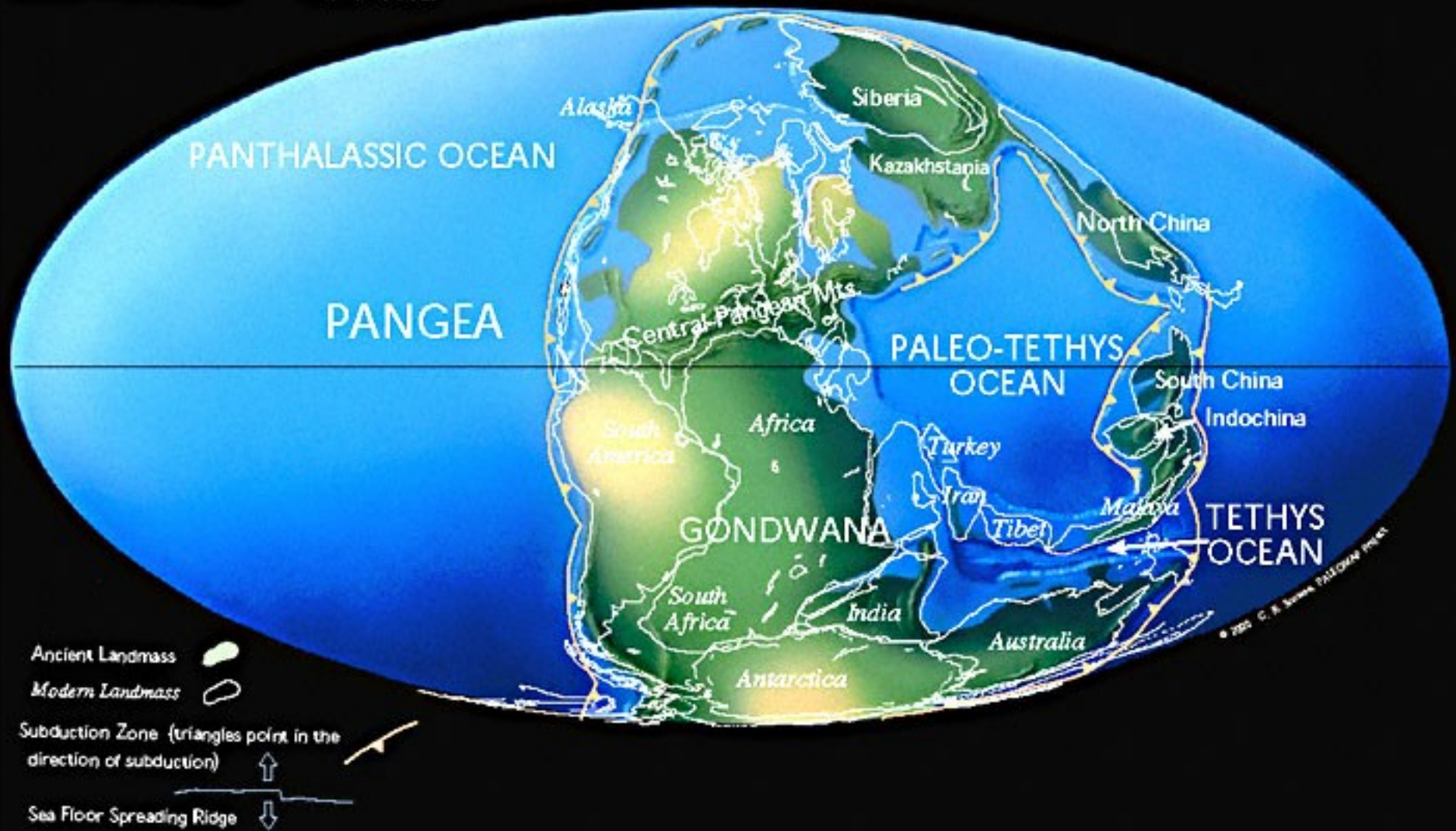
# Prvohory



# Gorgon



Late Permian 255 Ma



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

# Siberian traps

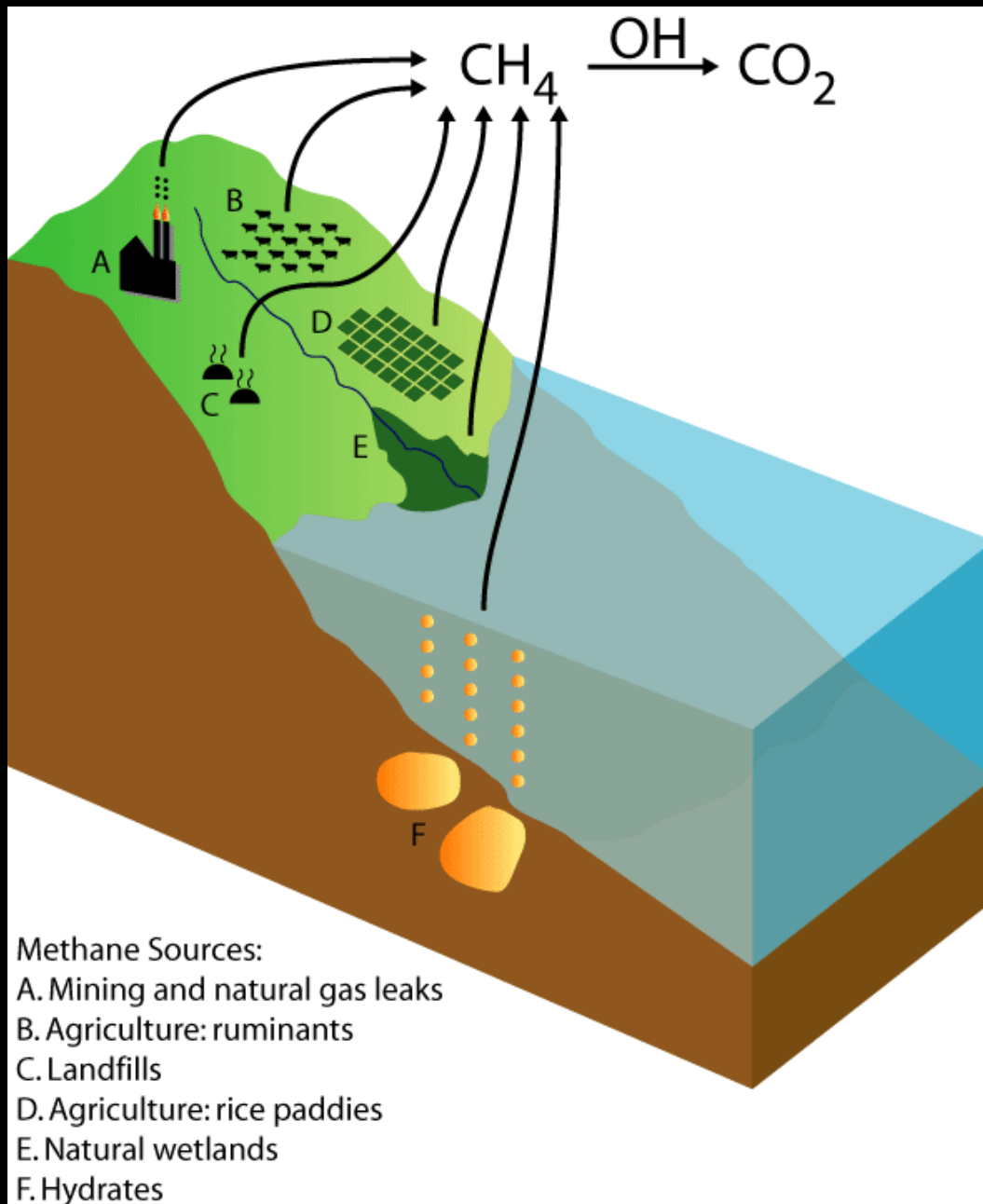


<http://climaticidechronicles.org/2008/08/28/is-the-great-dying-a-hint-of-our-future/>

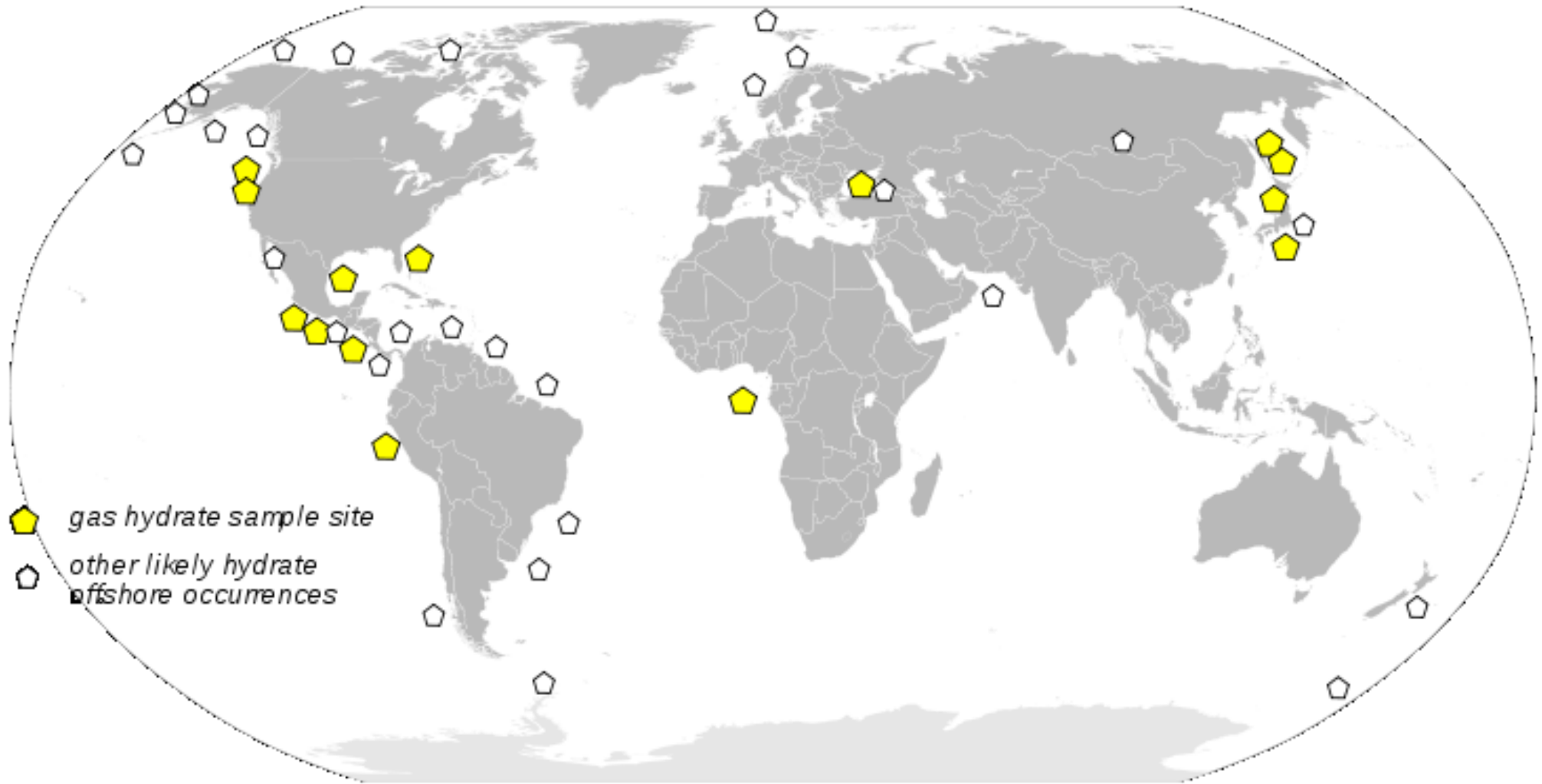




[http://en.wikipedia.org/wiki/Siberian\\_Traps](http://en.wikipedia.org/wiki/Siberian_Traps)



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



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





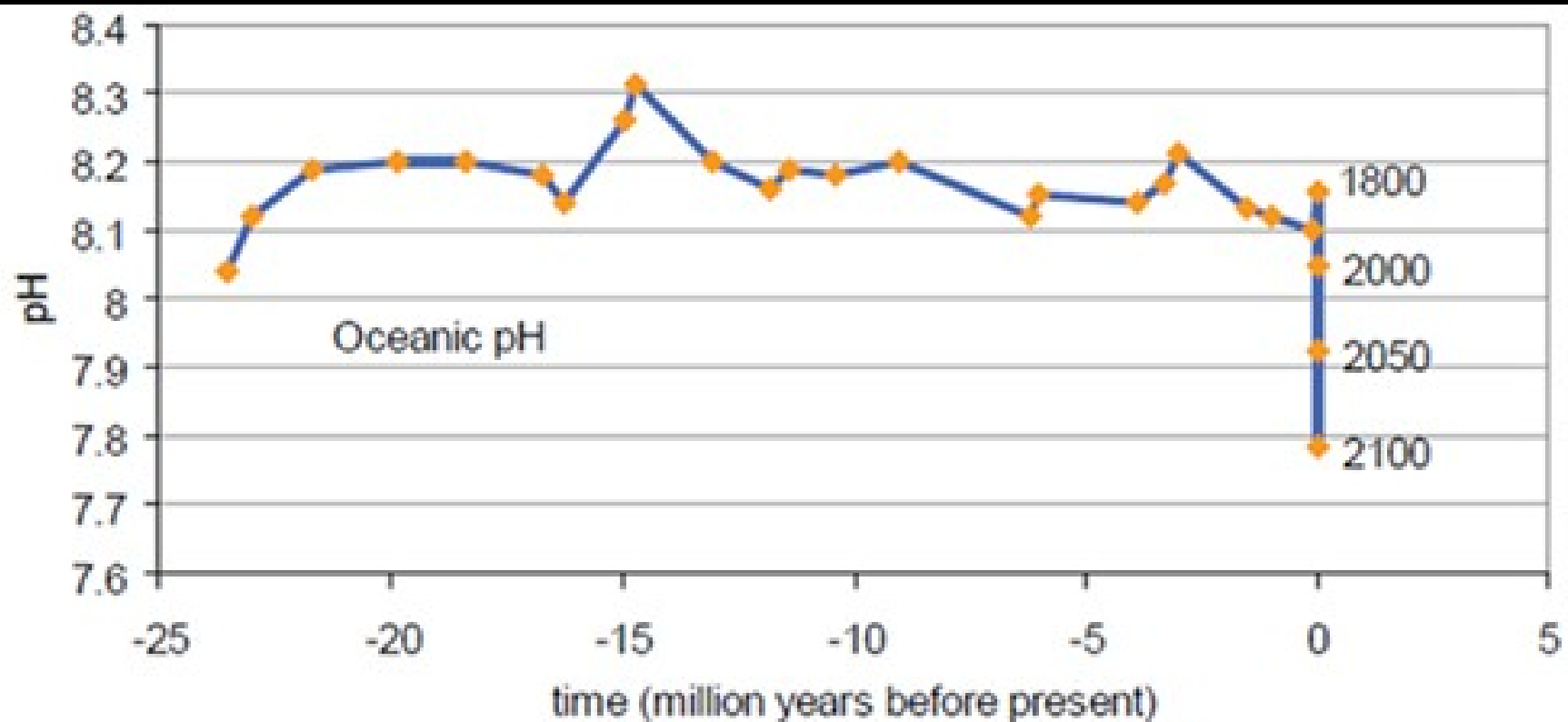


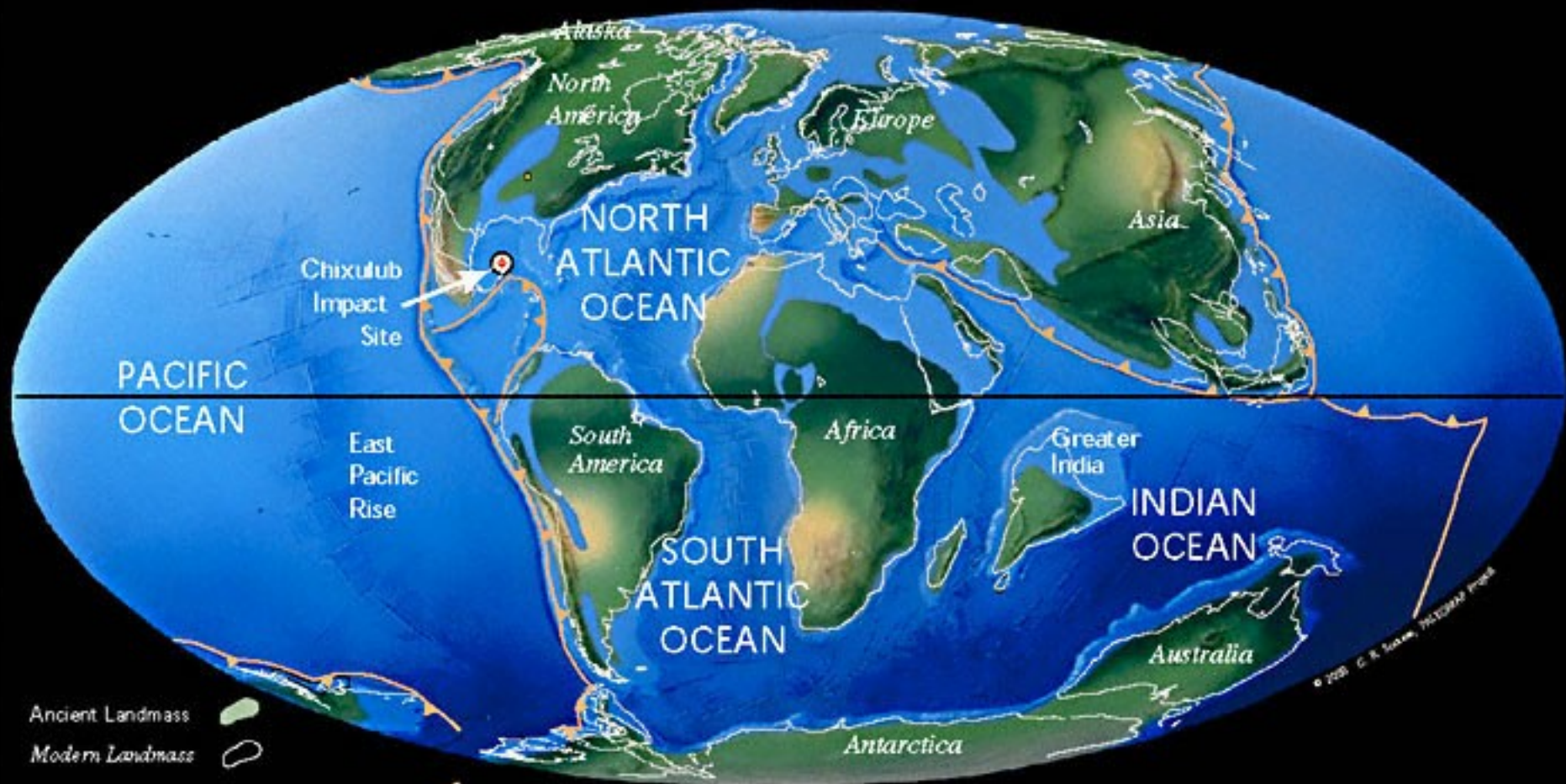
Figure 1. Past and contemporary variability of marine pH. Future predictions are model derived values based on IPCC mean scenarios (from Turley *et al*, 2006. Cambridge University Press, 8, 65-70).



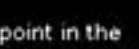

# Druhohory





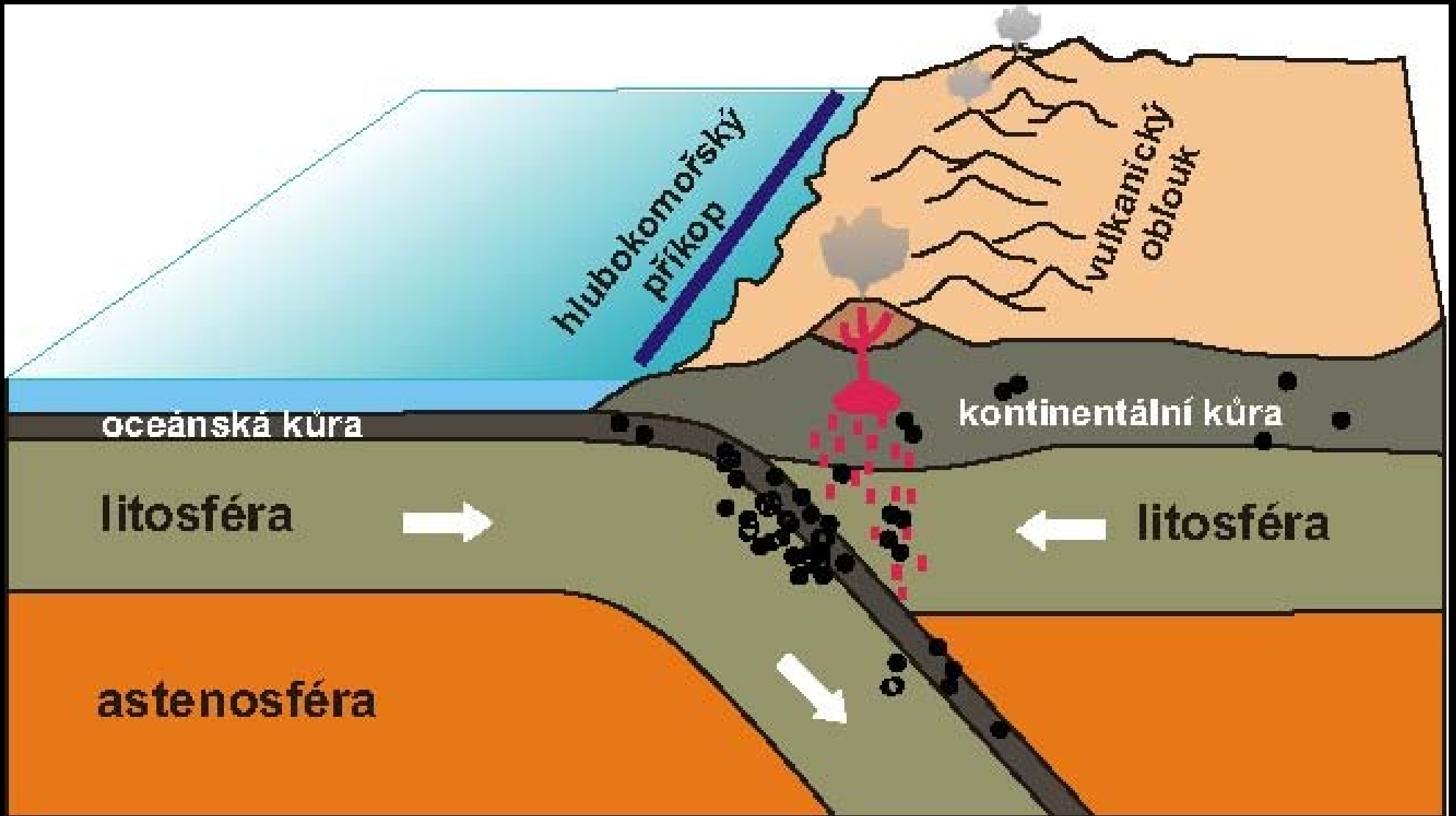
# K/T Boundary 66 Ma



Ancient Landmass   
Modern Landmass   
Subduction Zone (triangles point in the direction of subduction)   
Sea Floor Spreading Ridge 

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





# Deccan Traps - středozápadní Indie

