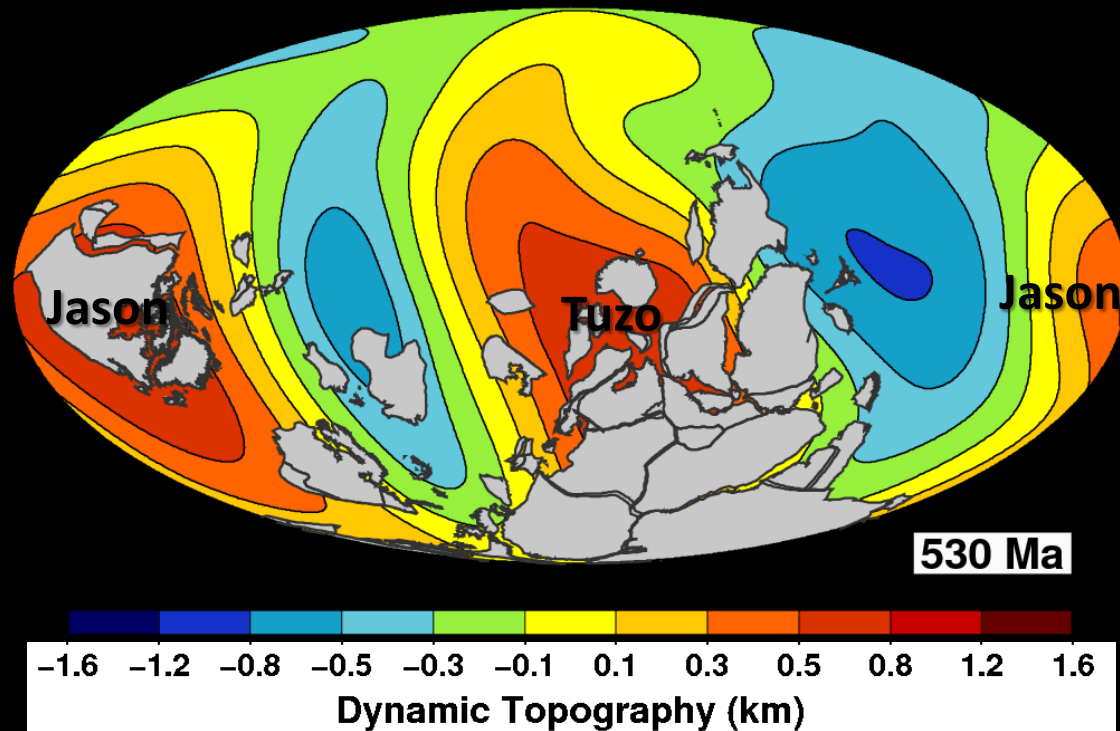
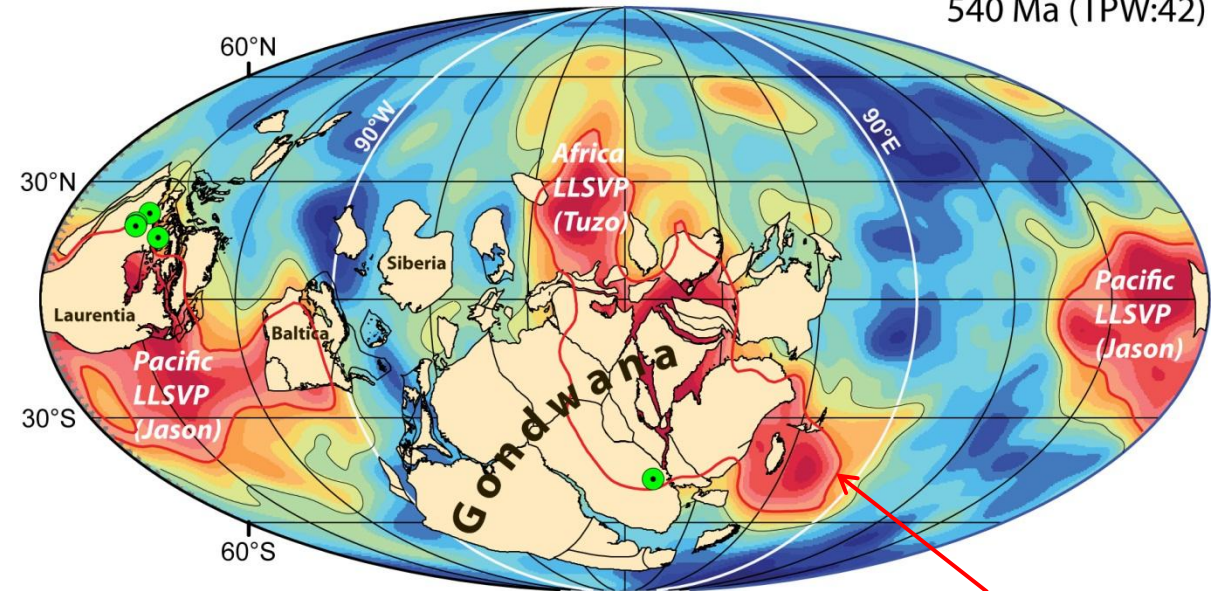
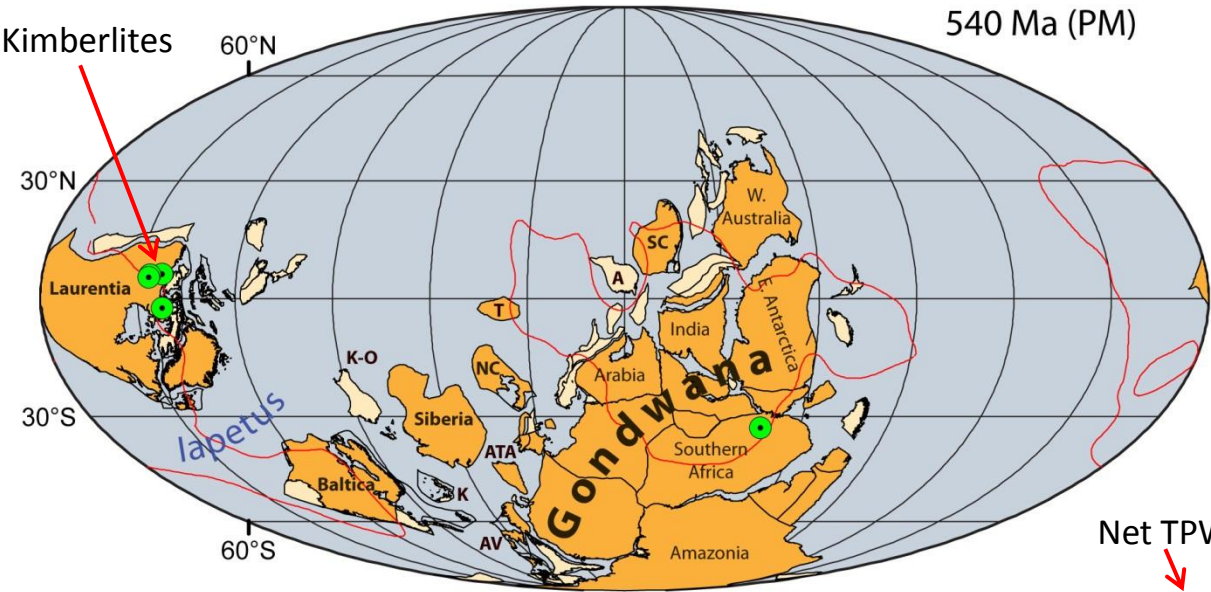


# Palaeozoic Geodynamics

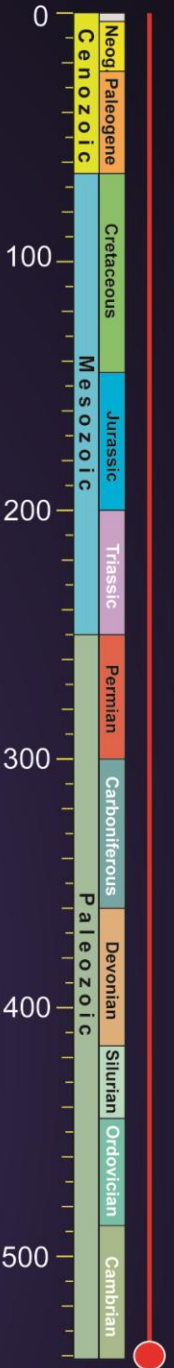
## ABSOLUTE PLATE TECTONICS ON A DEGREE-2 PLANET WITH STABLE LLSVPS



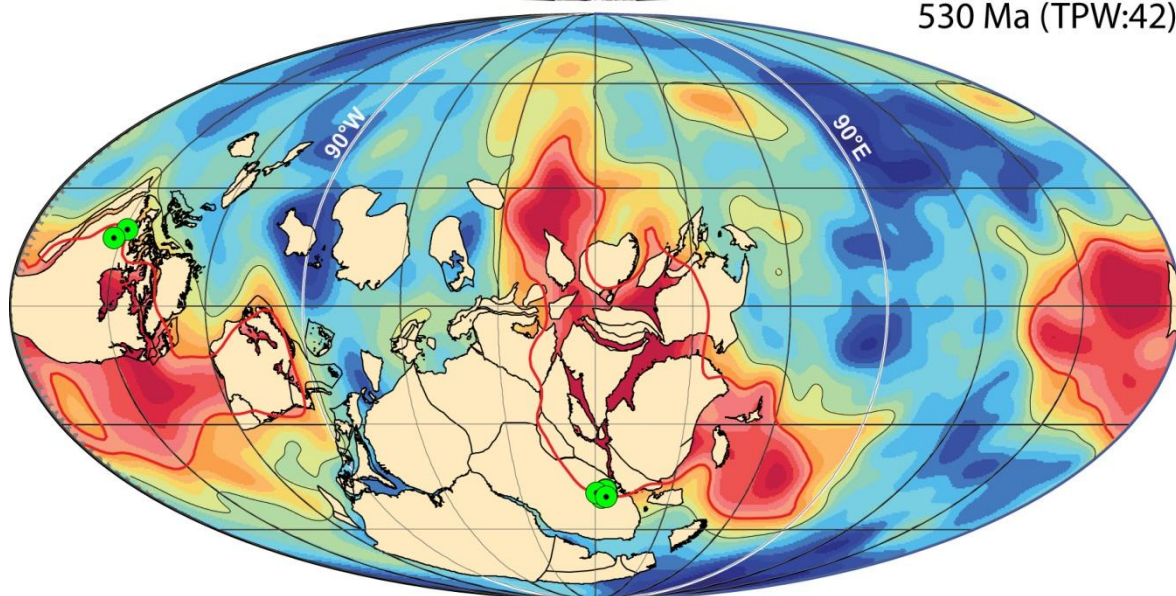
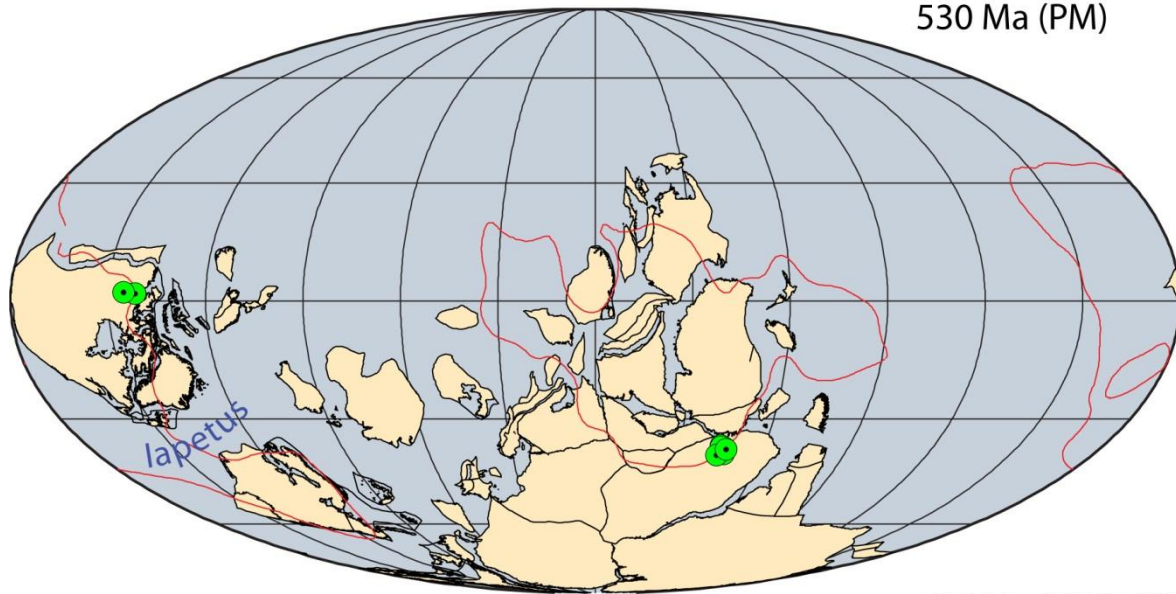
# The dawn of the Palaeozoic



## SPEEDOMETER



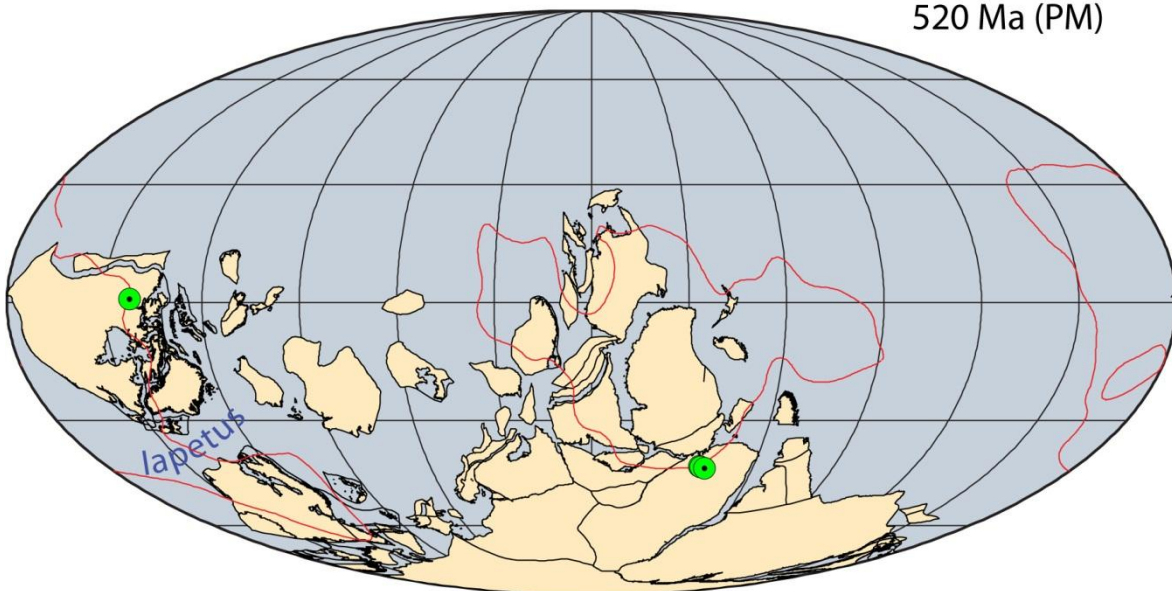
Greenhouse



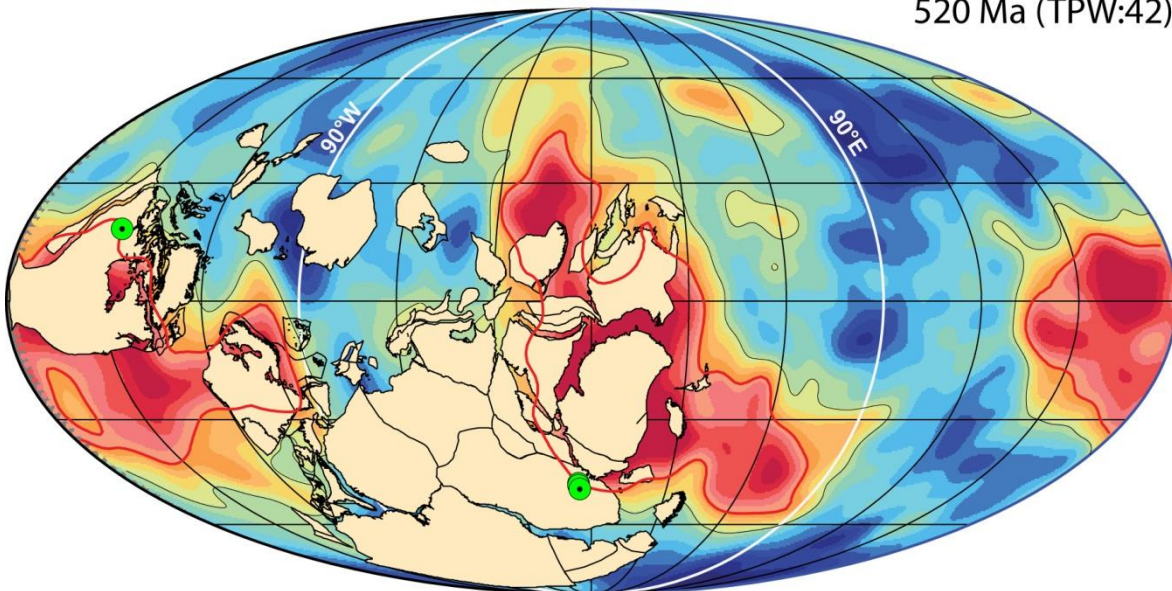
# SPEEDOMETER



Greenhouse



520 Ma (PM)



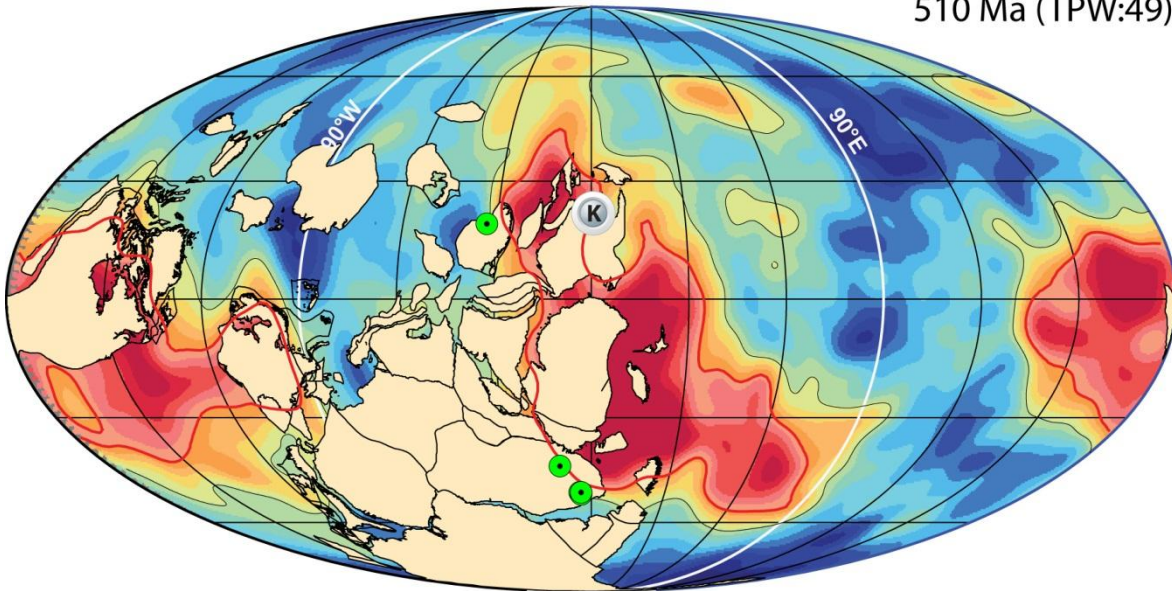
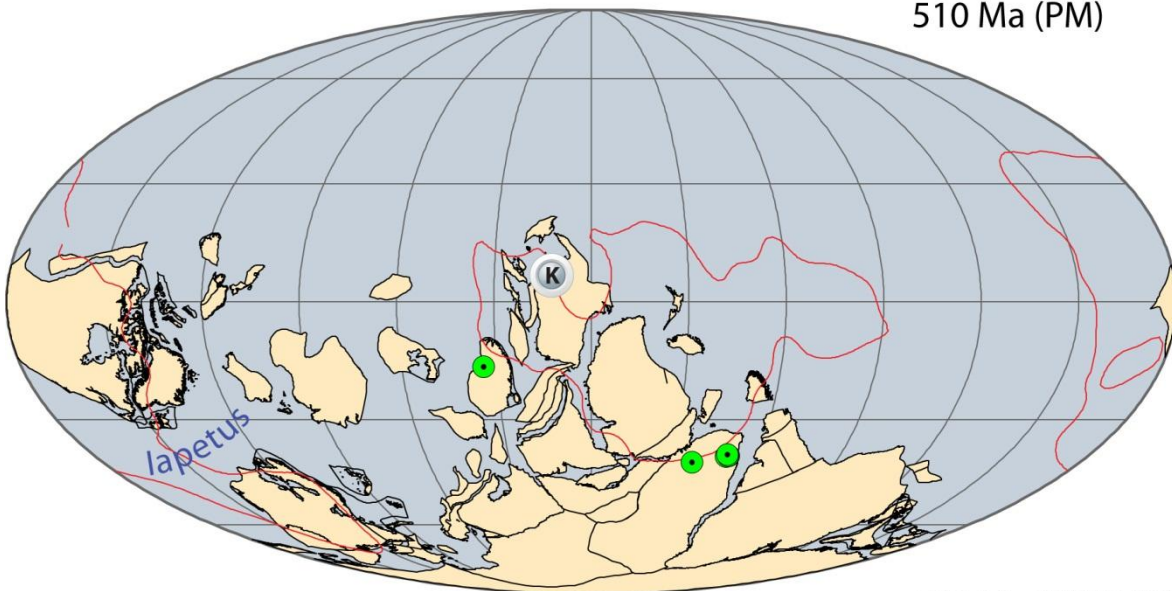
520 Ma (TPW:42)

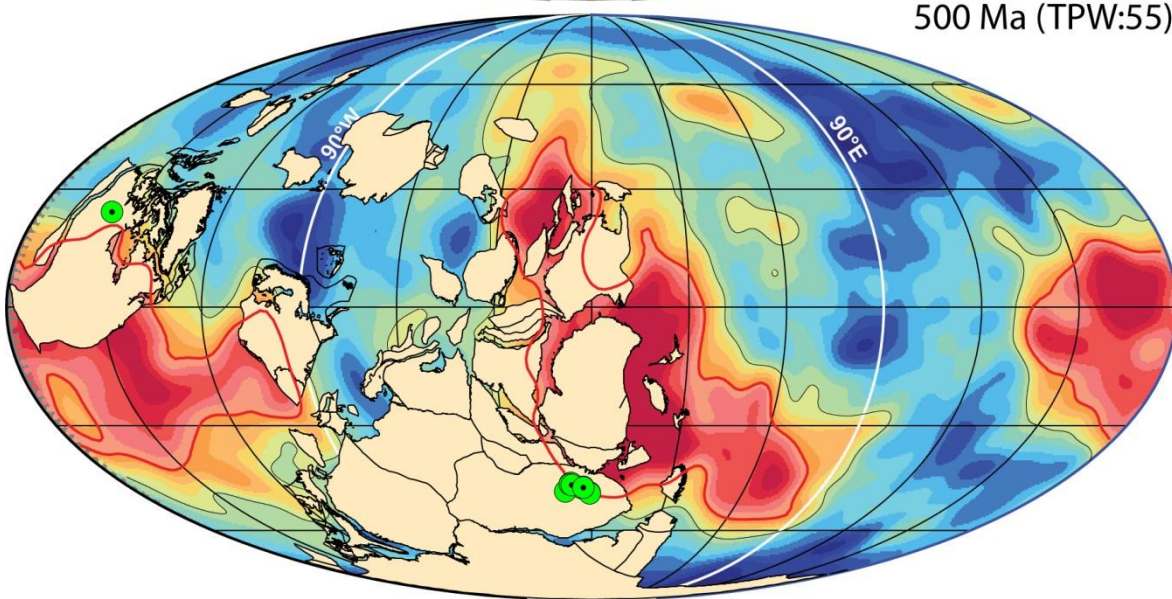
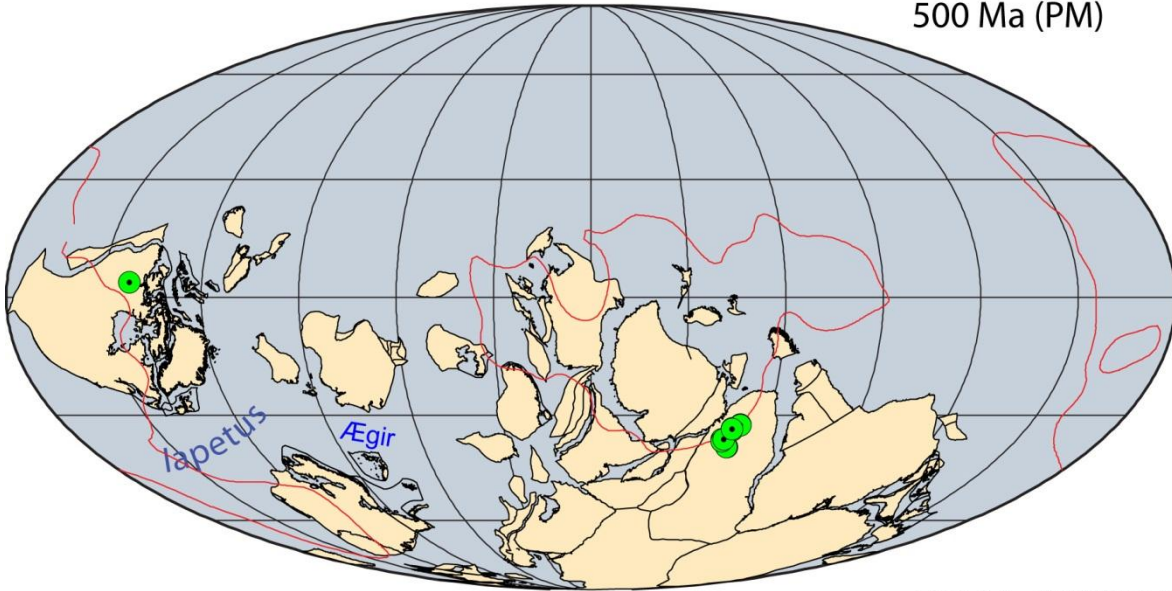
# SPEEDOMETER



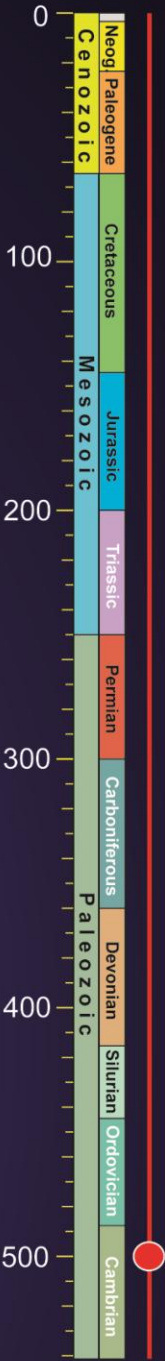
Greenhouse

# LIP: Kalkarindjii (West Australia)





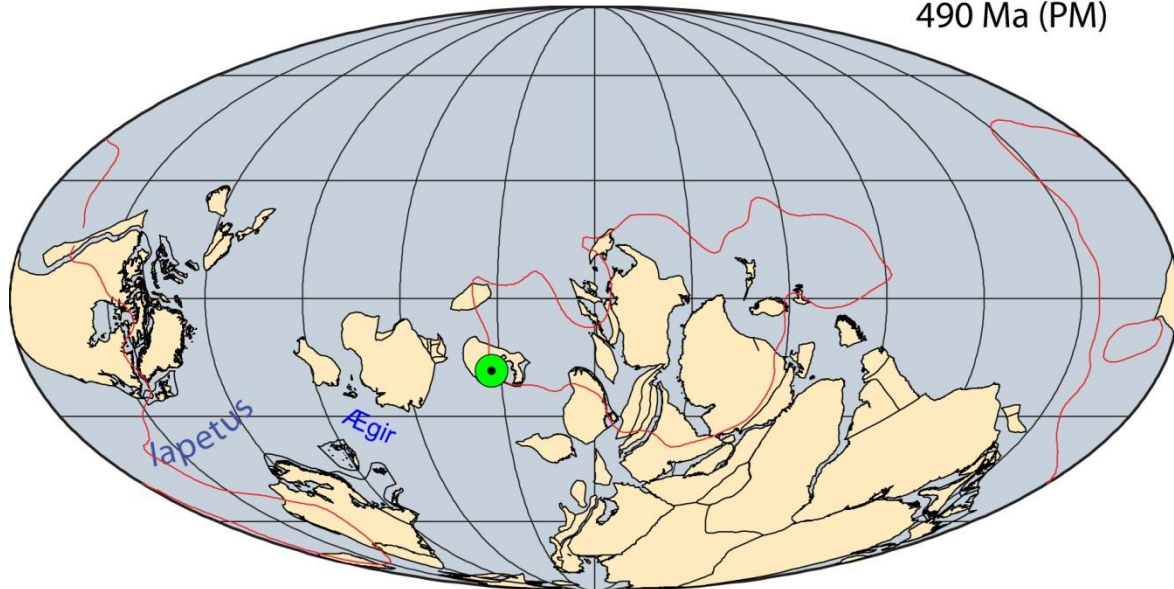
# SPEEDOMETER



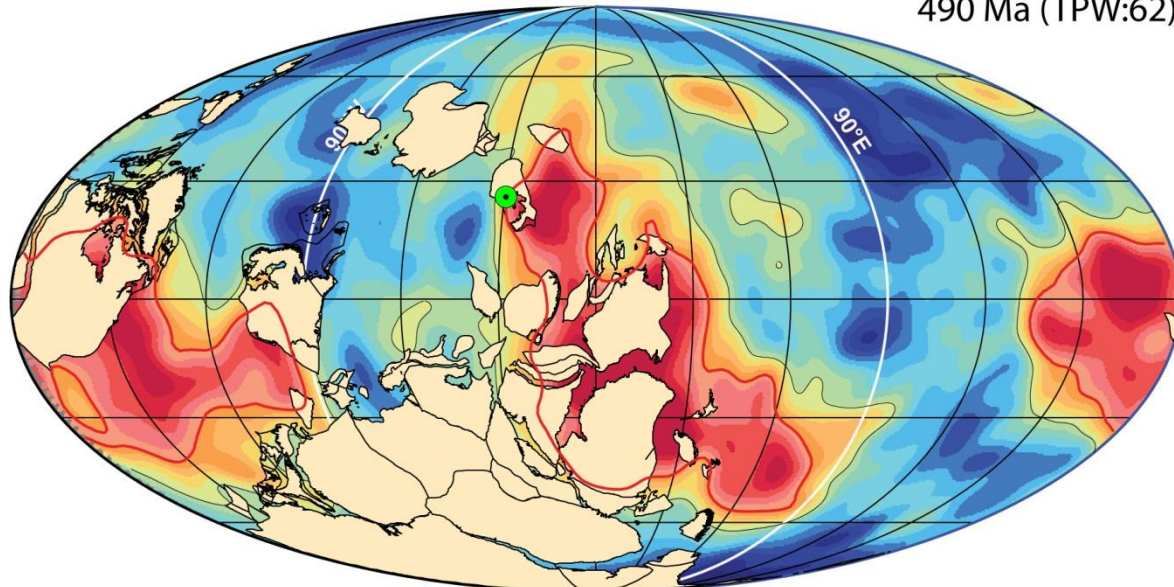
Greenhouse

# Wide Iapetus Ocean

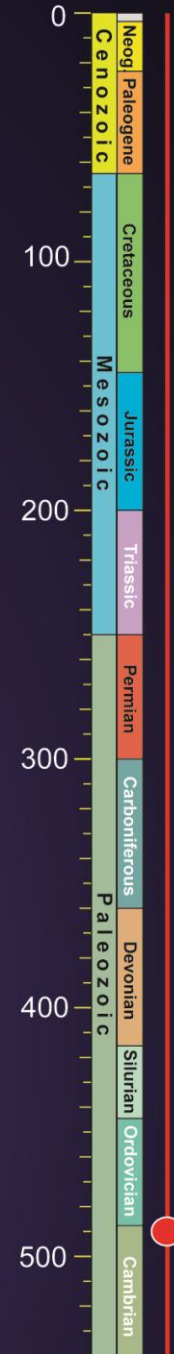
490 Ma (PM)



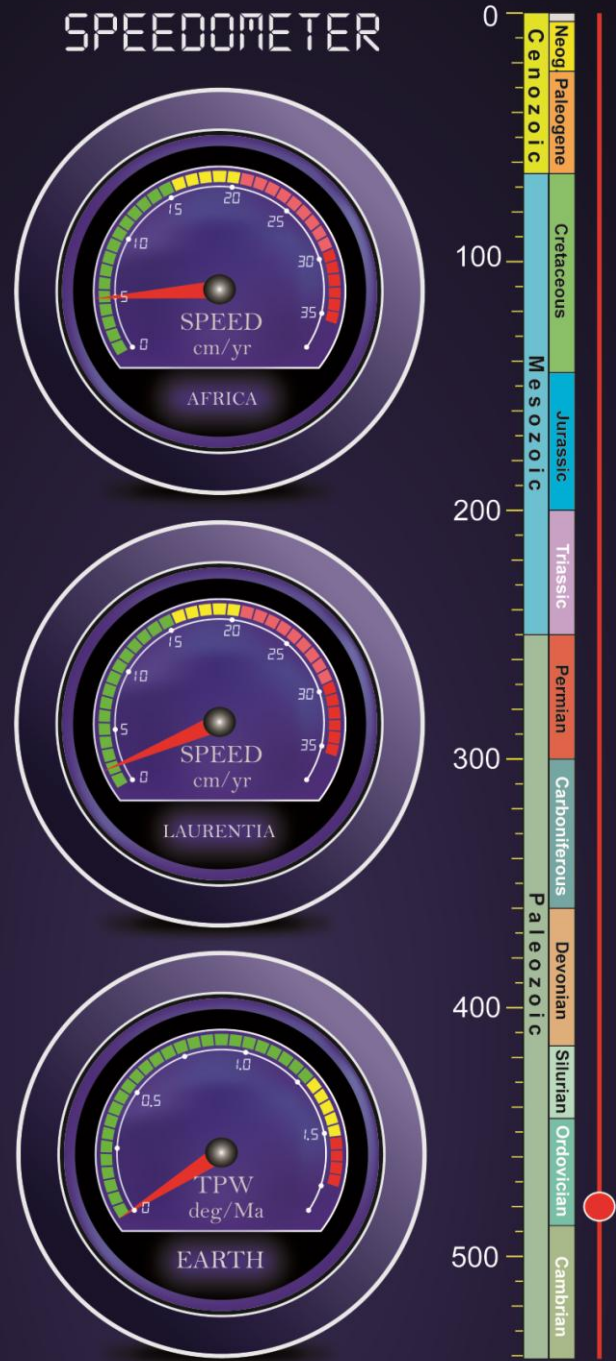
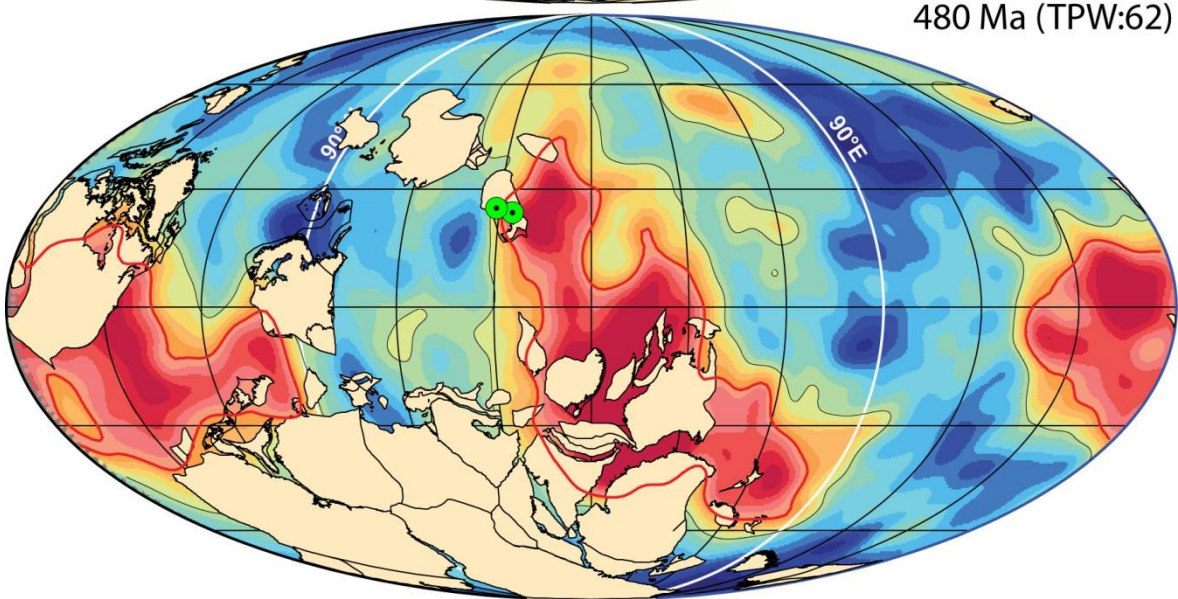
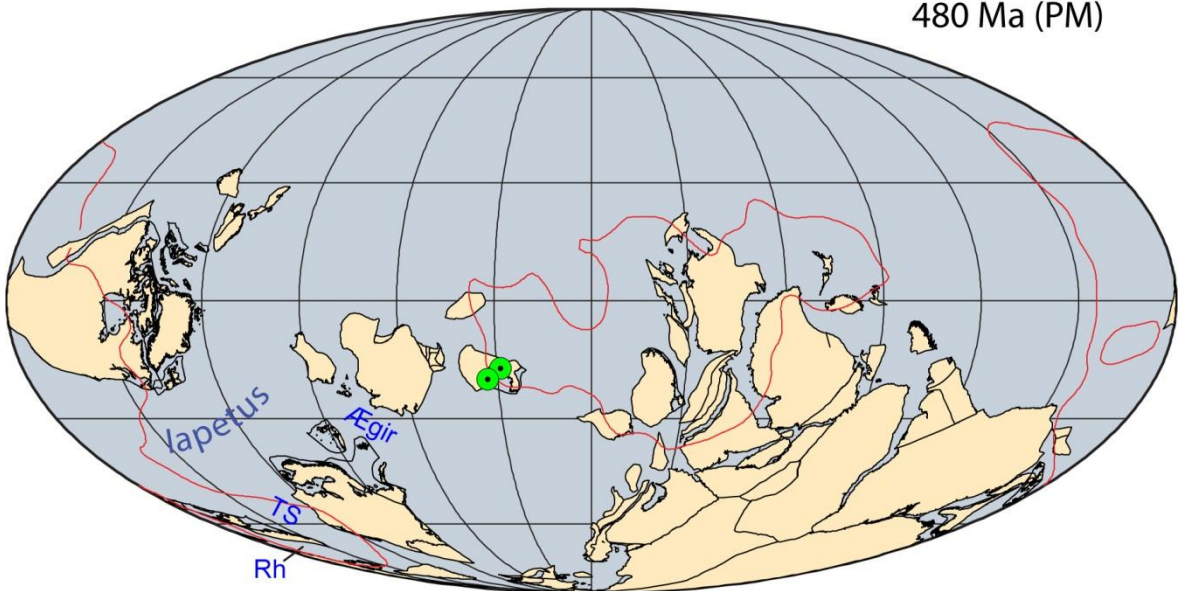
490 Ma (TPW:62)



## SPEEDOMETER

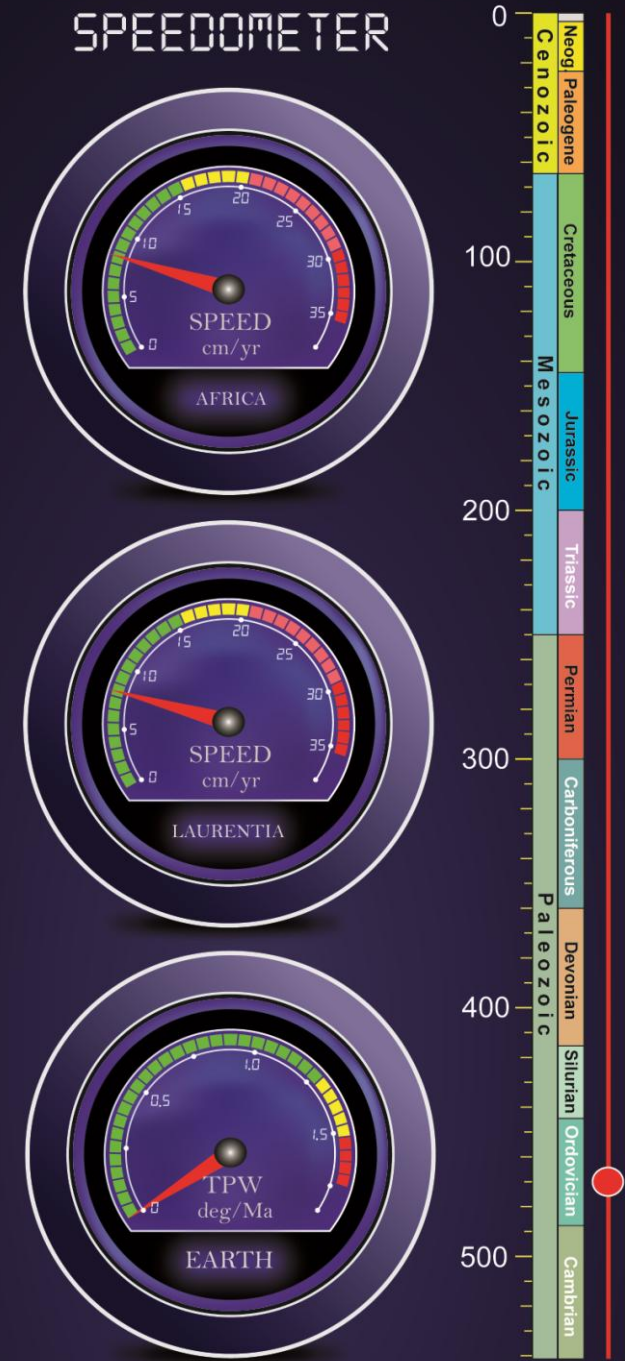
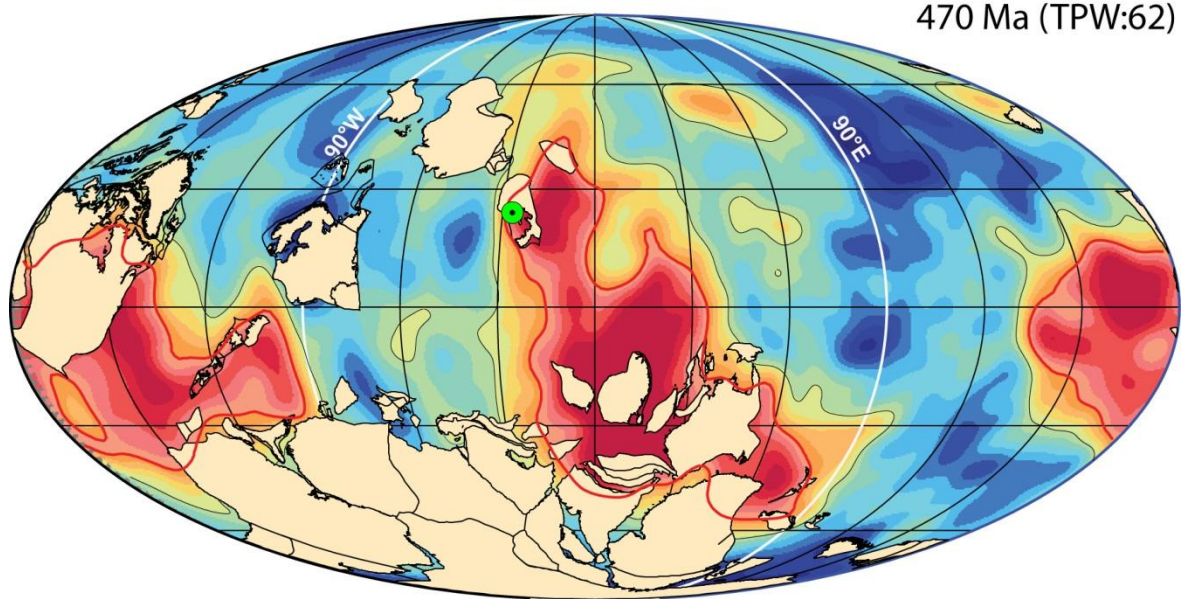
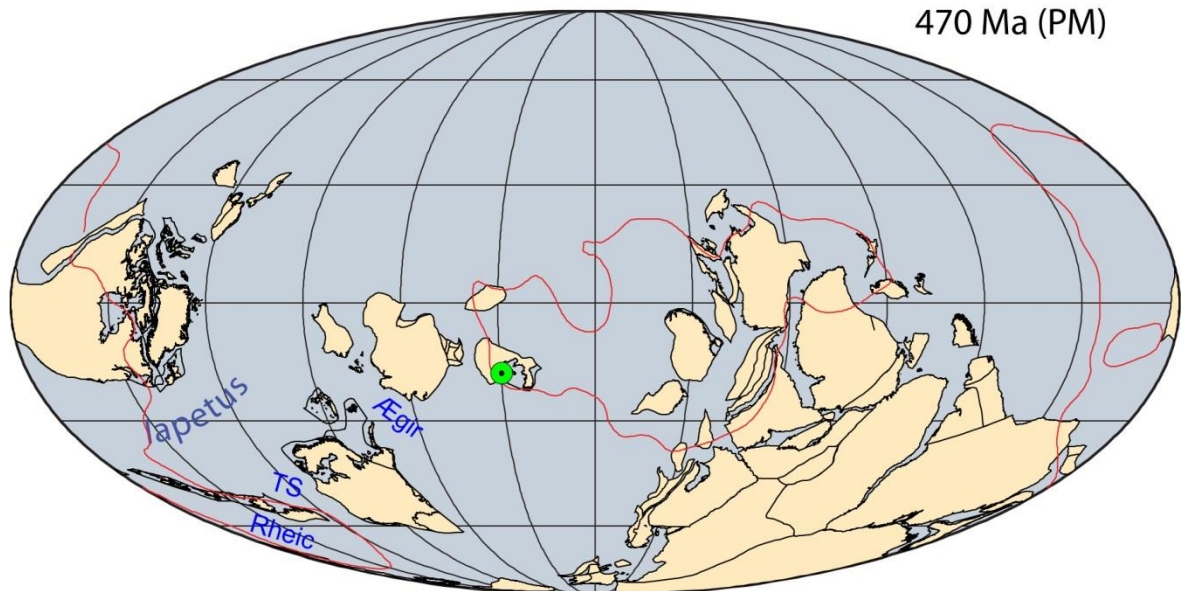


# Rheic Ocean Opening

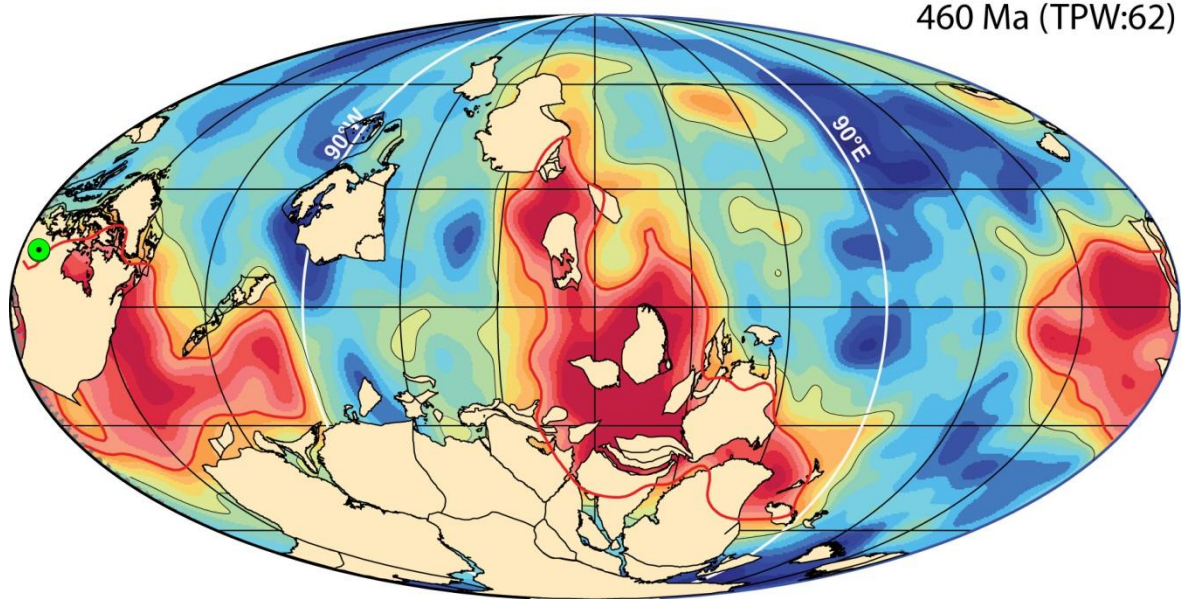
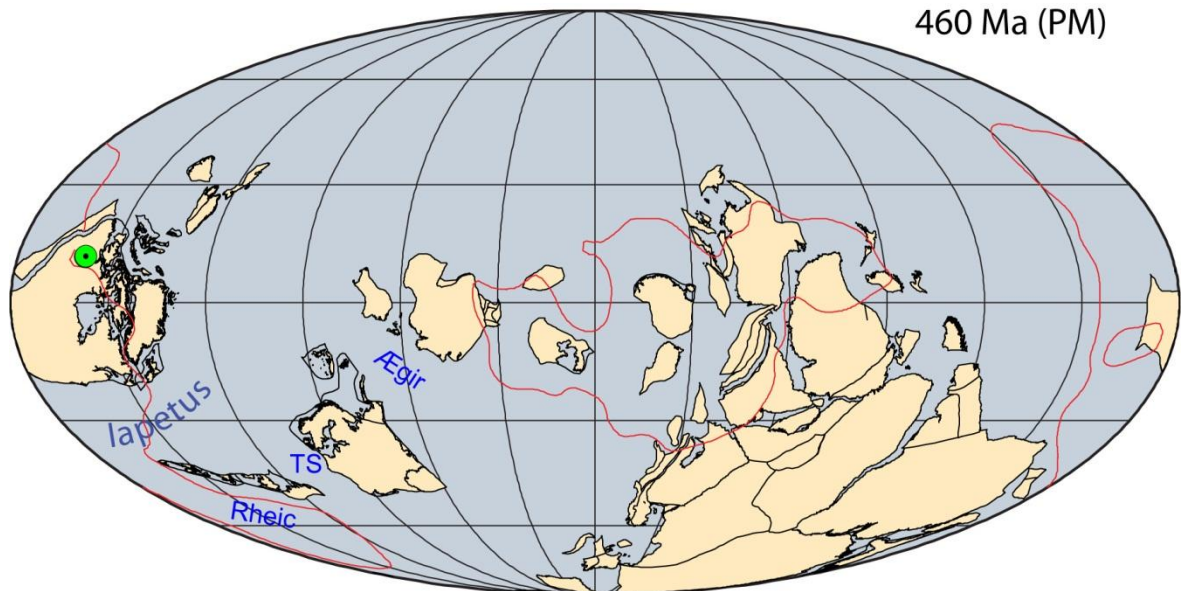


Greenhouse





Greenhouse

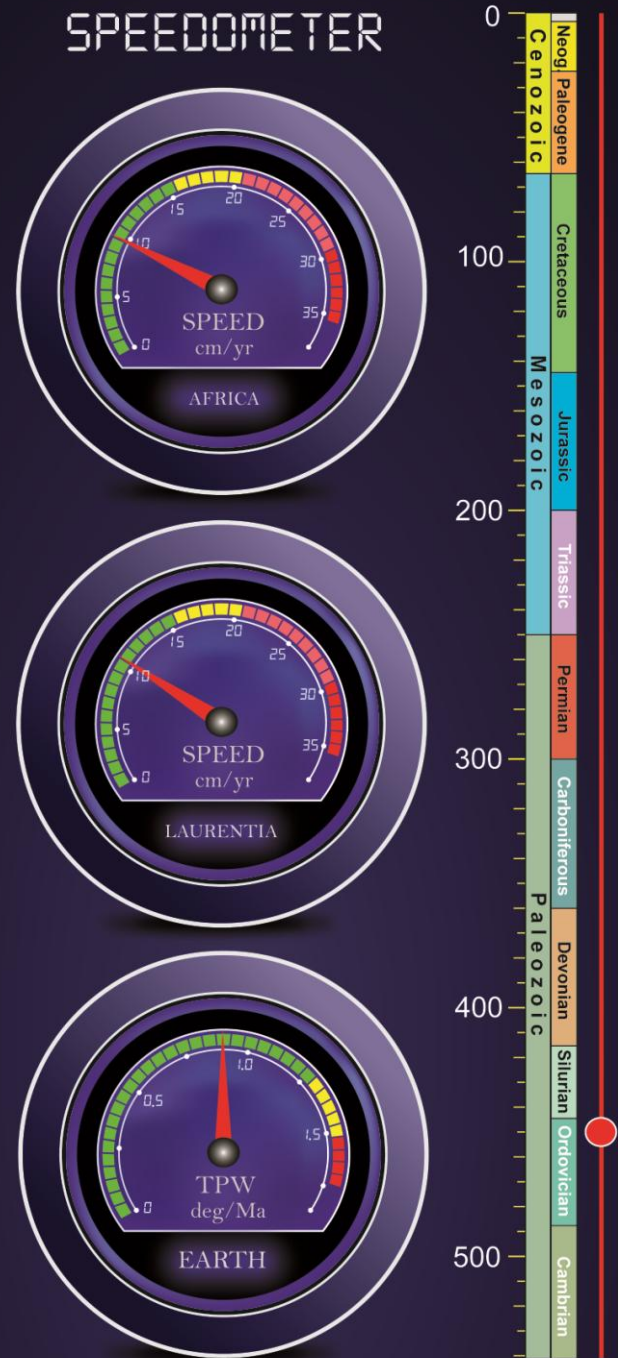
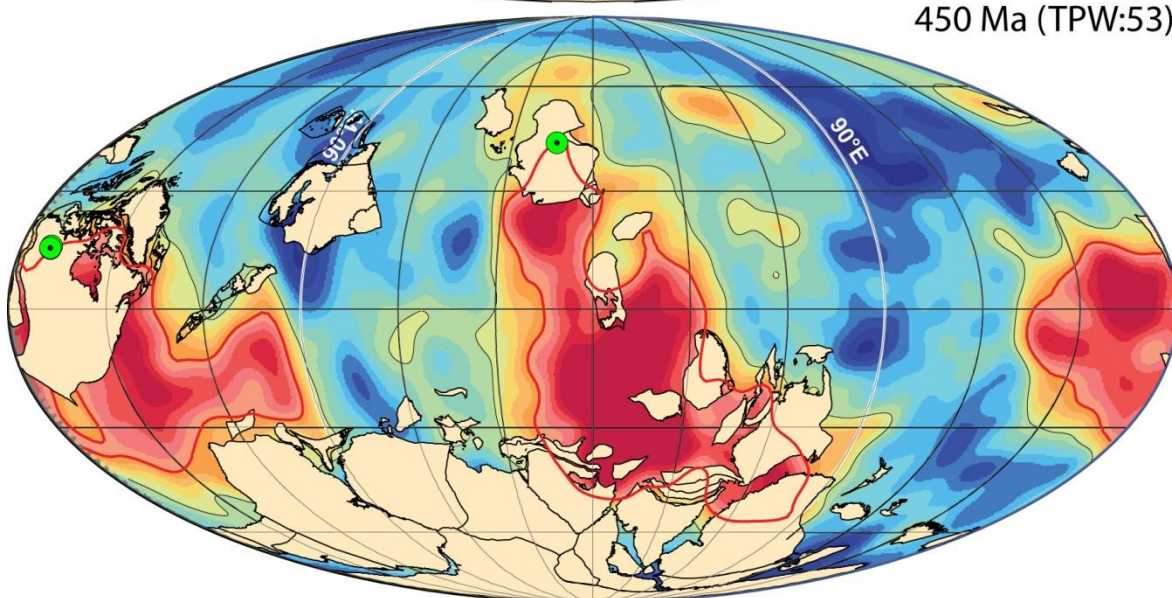
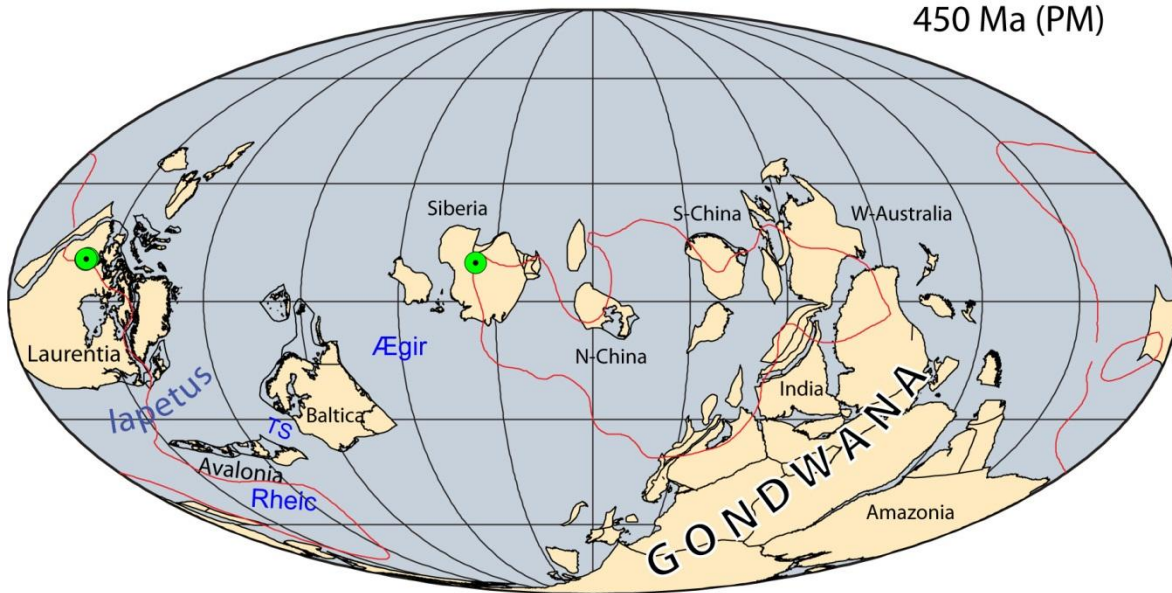


# SPEEDOMETER



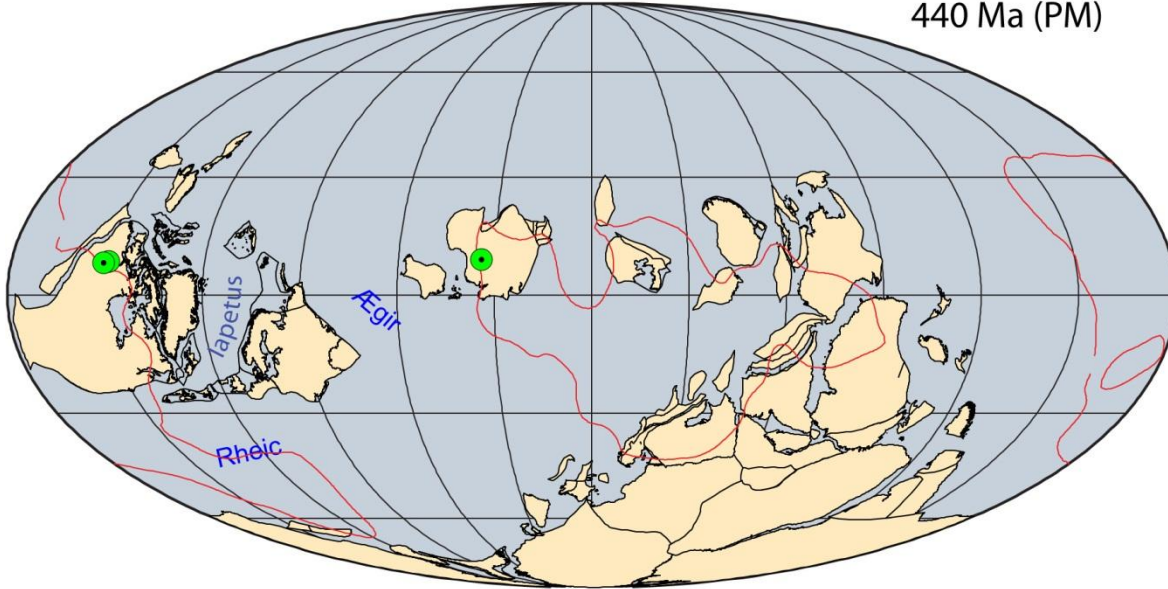
Greenhouse

# Tornquist Sea Closure

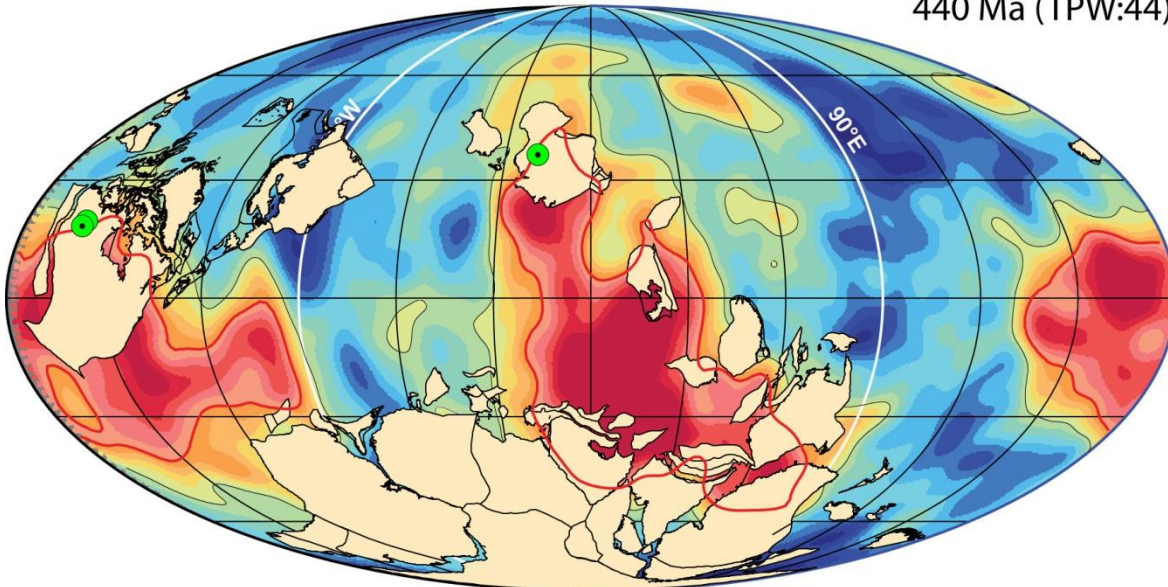


# Baltica-Avalonia Docked

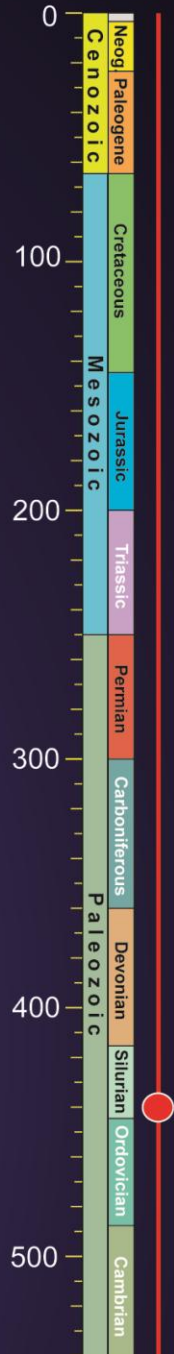
440 Ma (PM)



440 Ma (TPW:44)

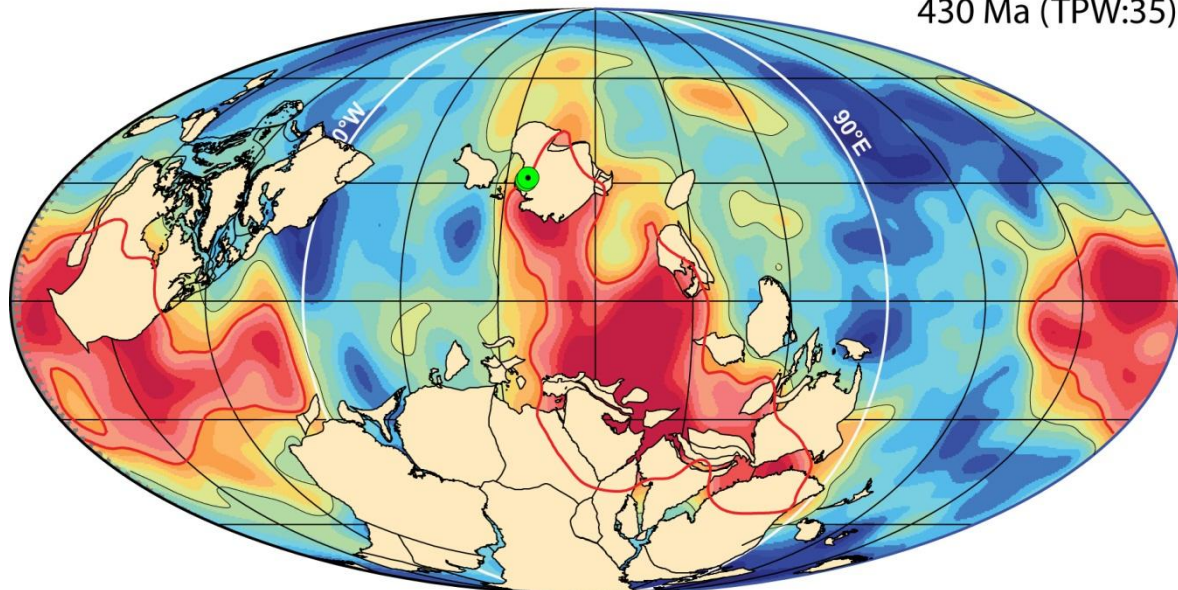
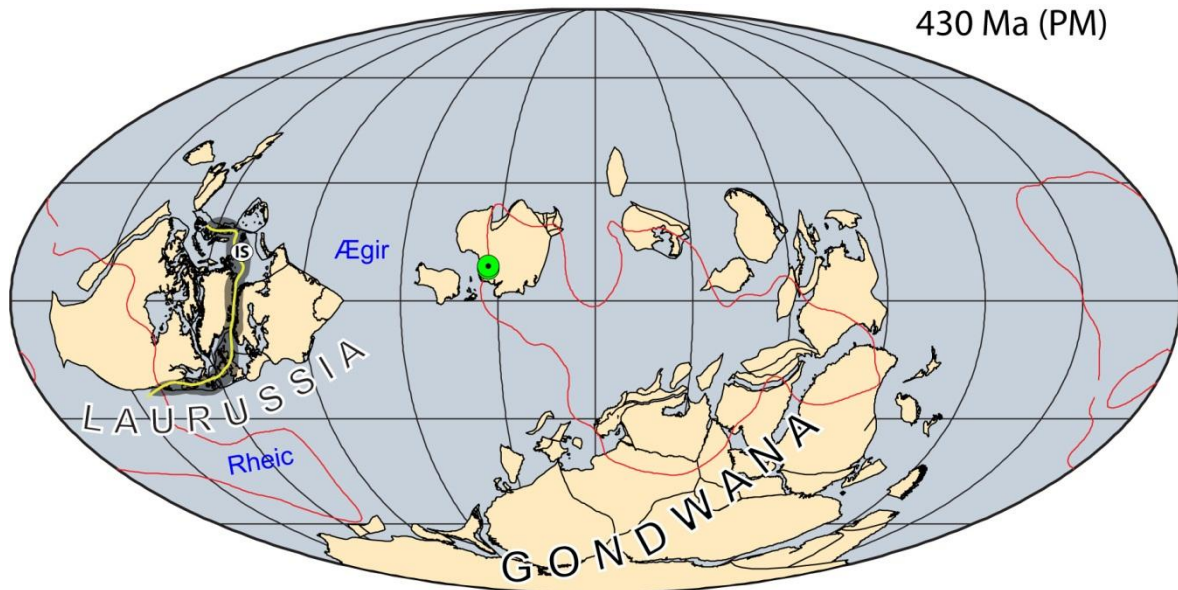


## SPEEDOMETER

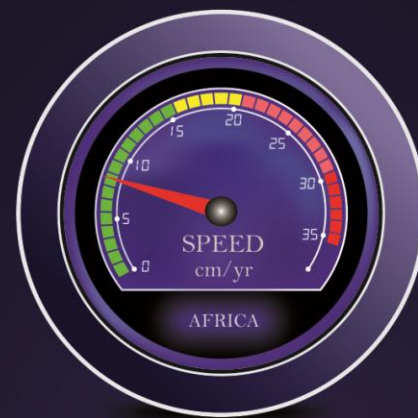


Greenhouse

# Formation of Laurussia (Caledonian Orogeny)



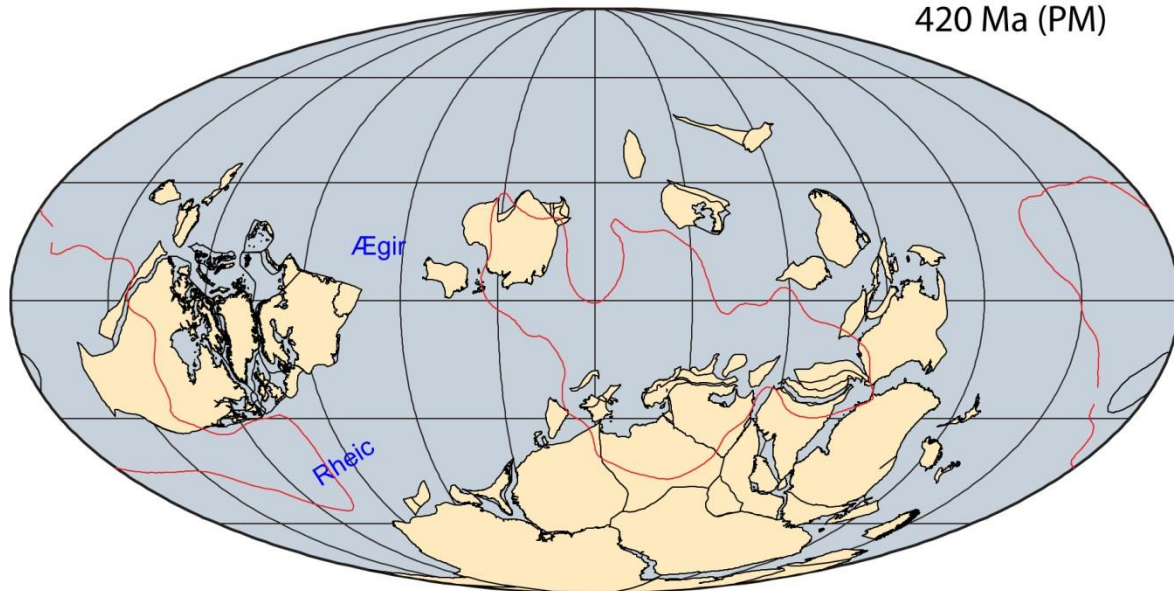
## SPEEDOMETER



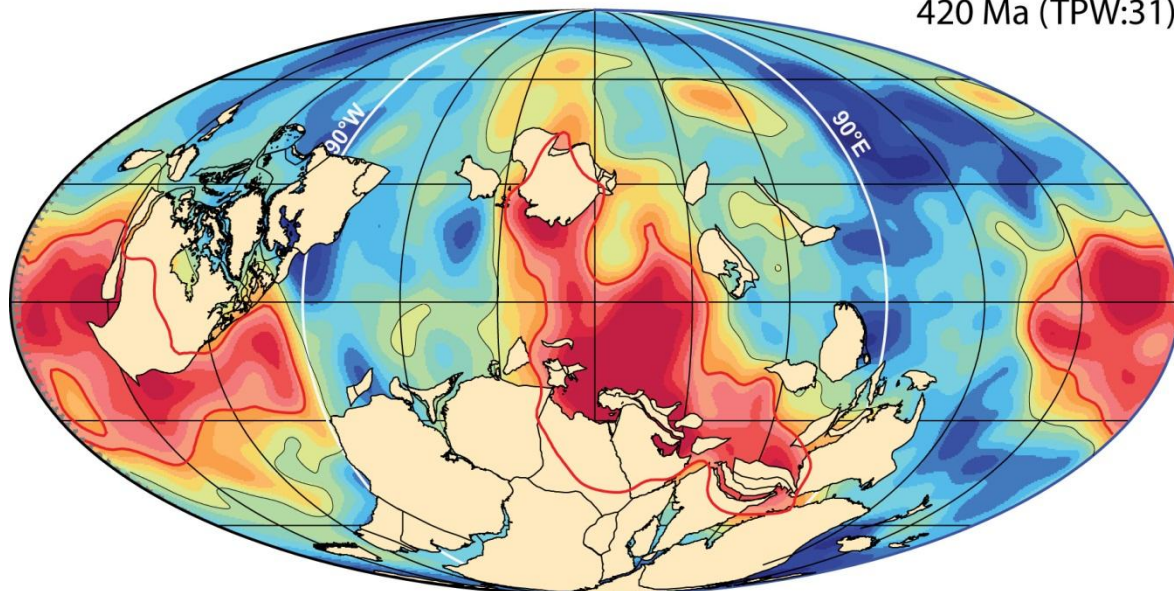
Greenhouse

# Wide Rheic Ocean

420 Ma (PM)



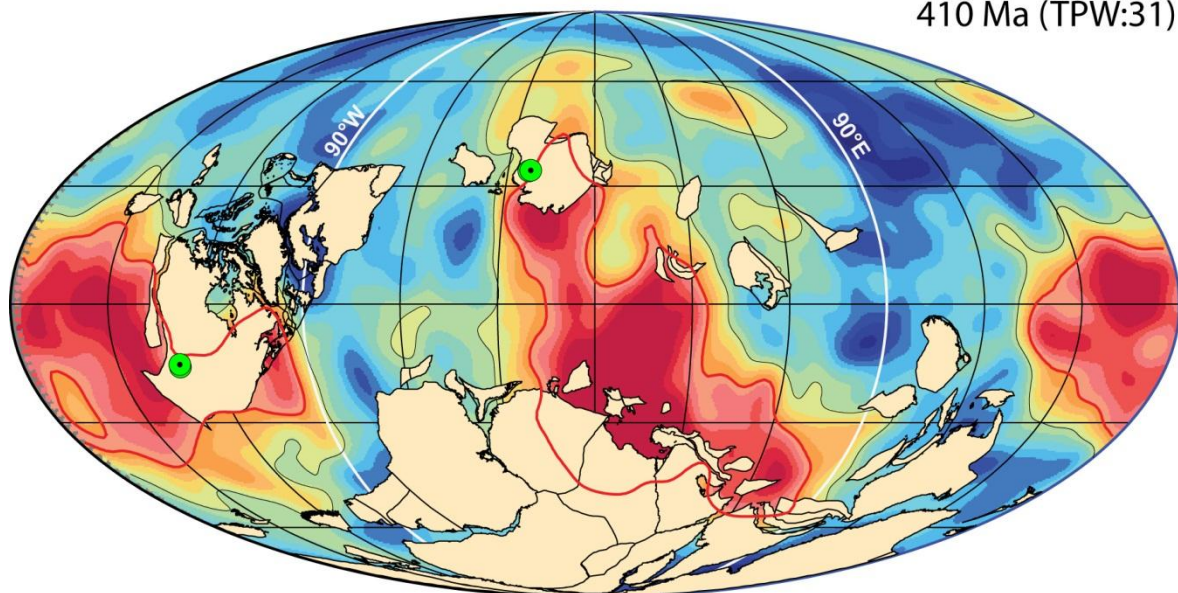
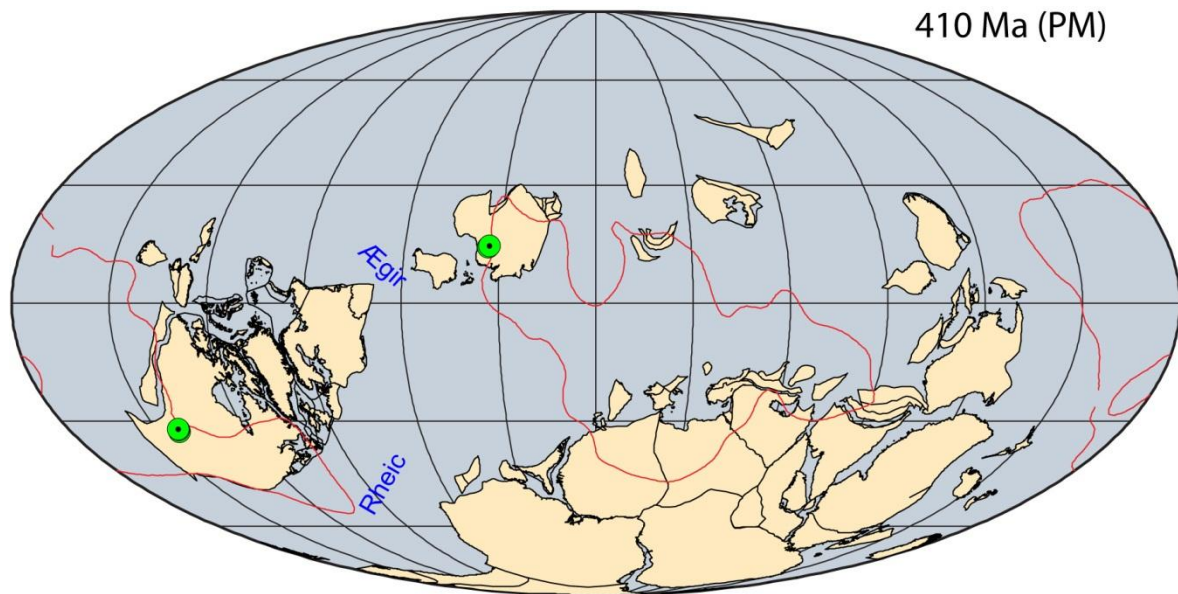
420 Ma (TPW:31)



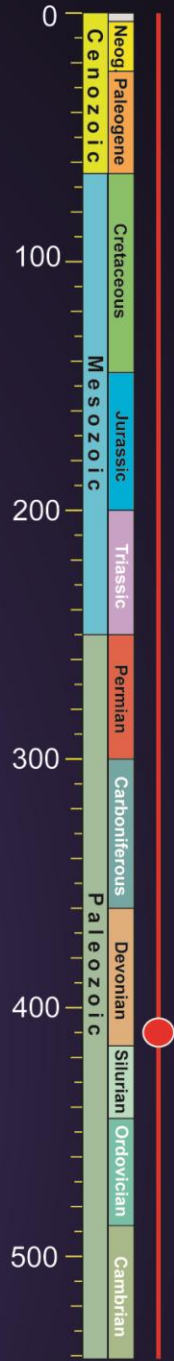
## SPEEDOMETER



Greenhouse

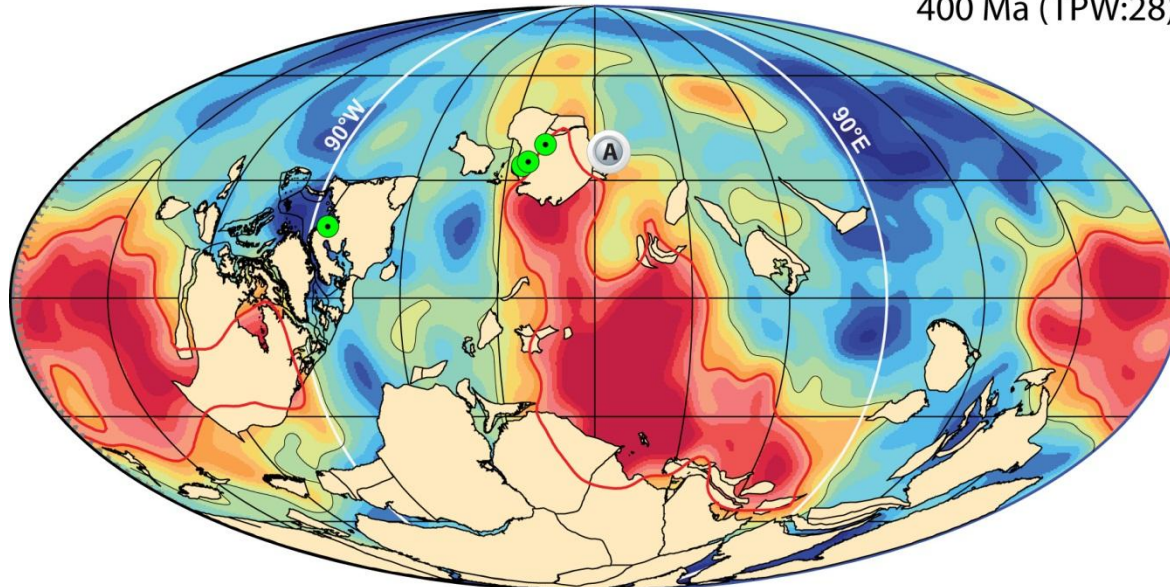
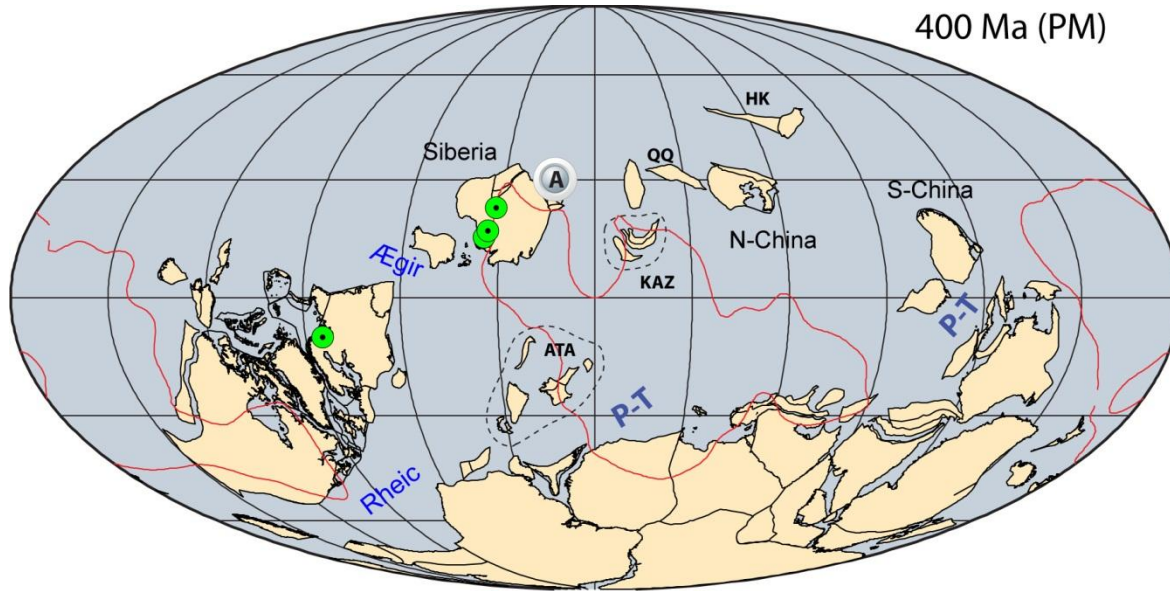


# SPEEDOMETER

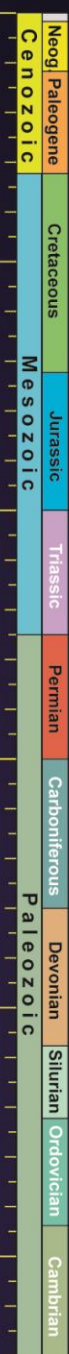


Greenhouse

# LIP: Altay-Sayan (Siberia)



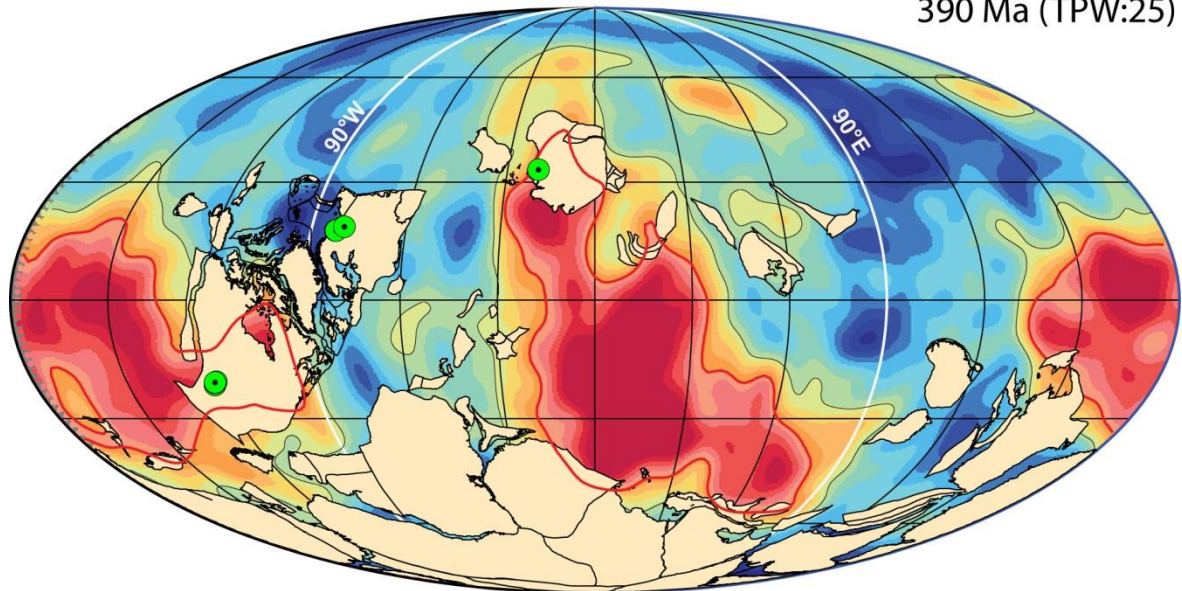
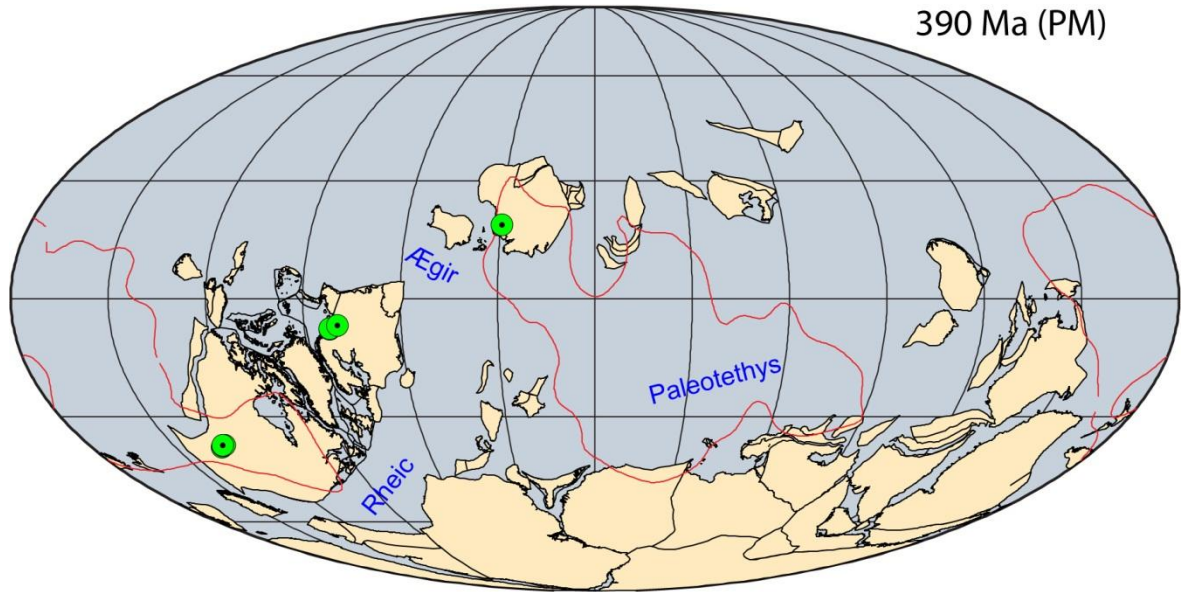
## SPEEDOMETER



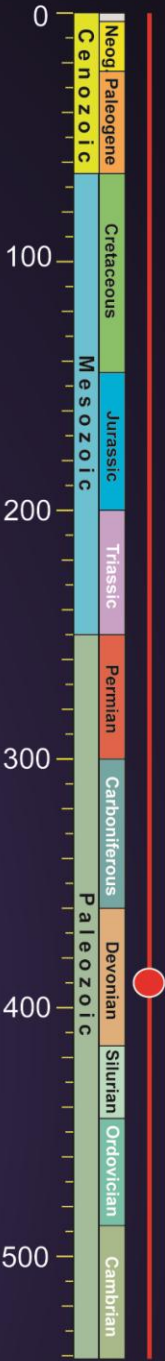
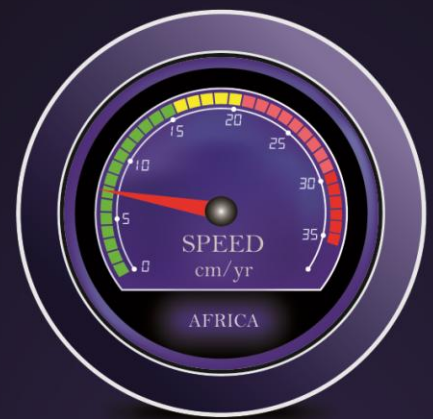
Greenhouse



# Narrowing Rheic Ocean

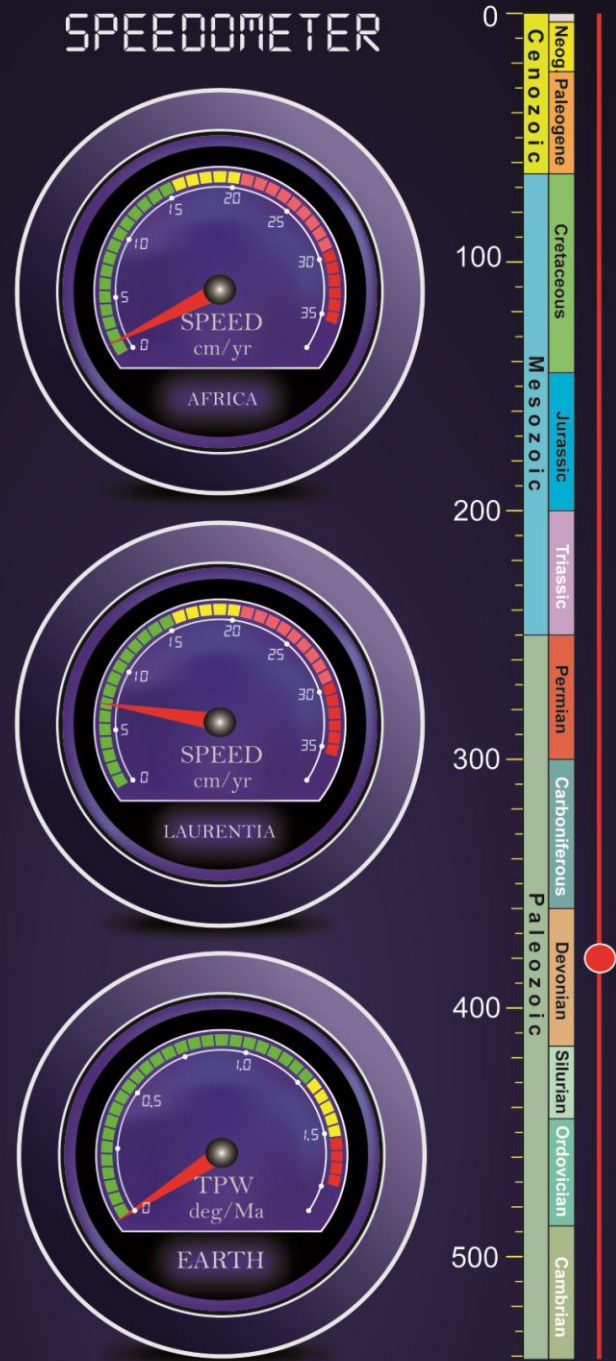
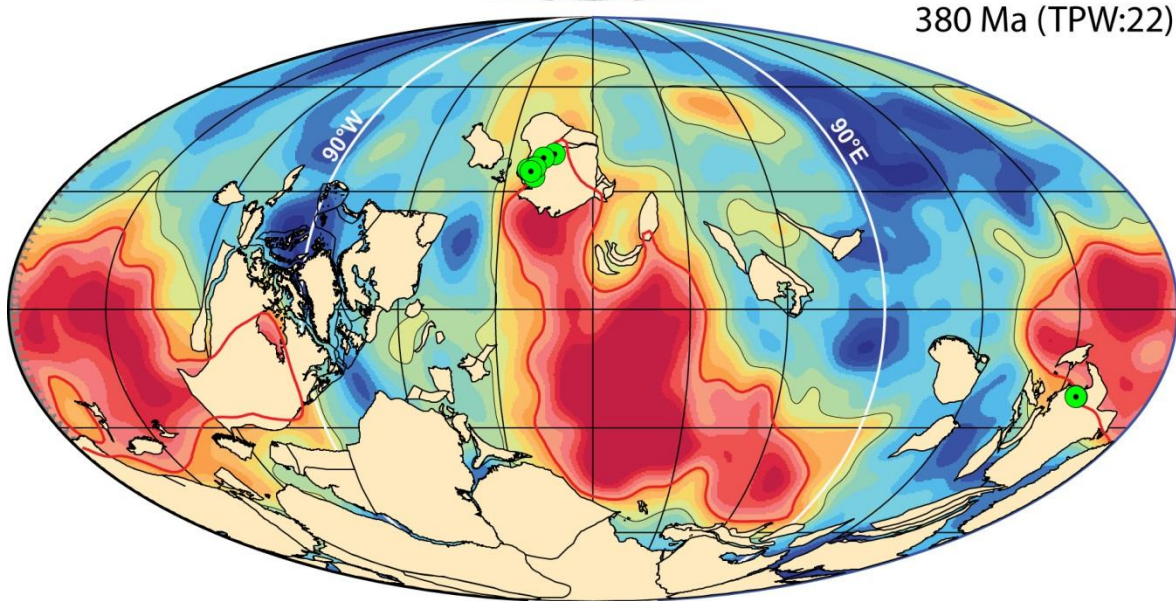
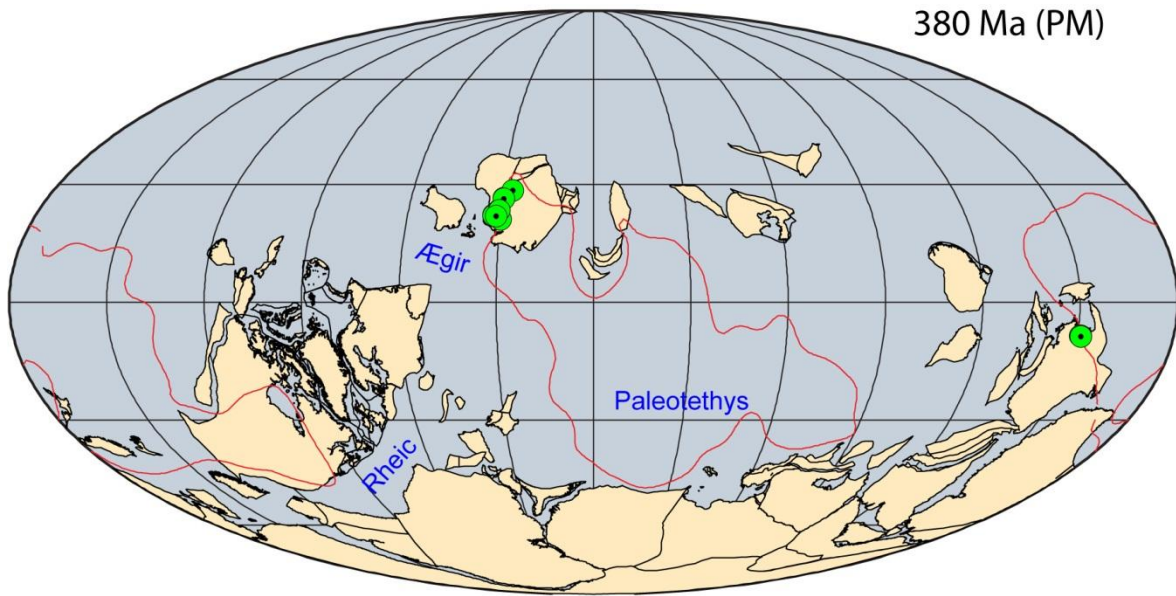


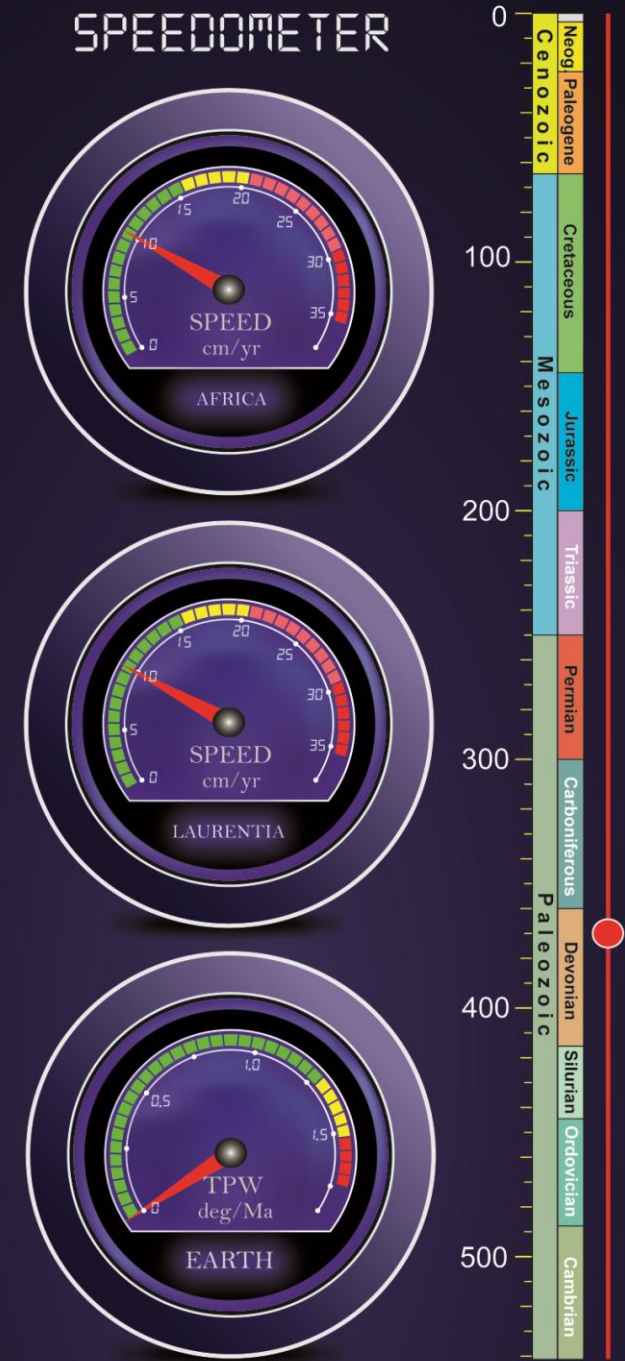
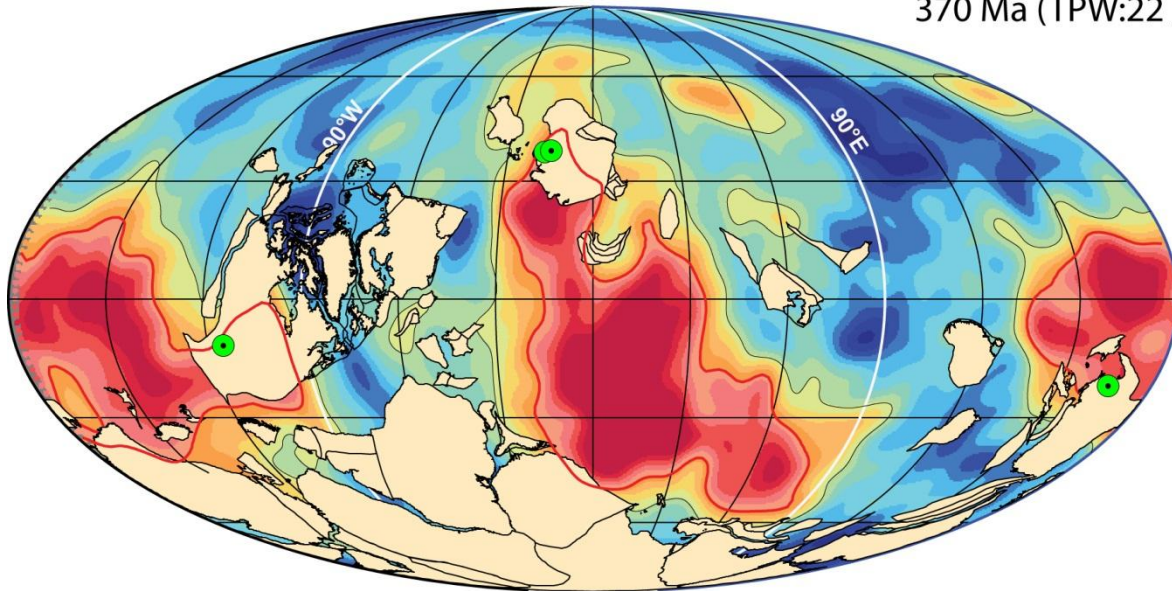
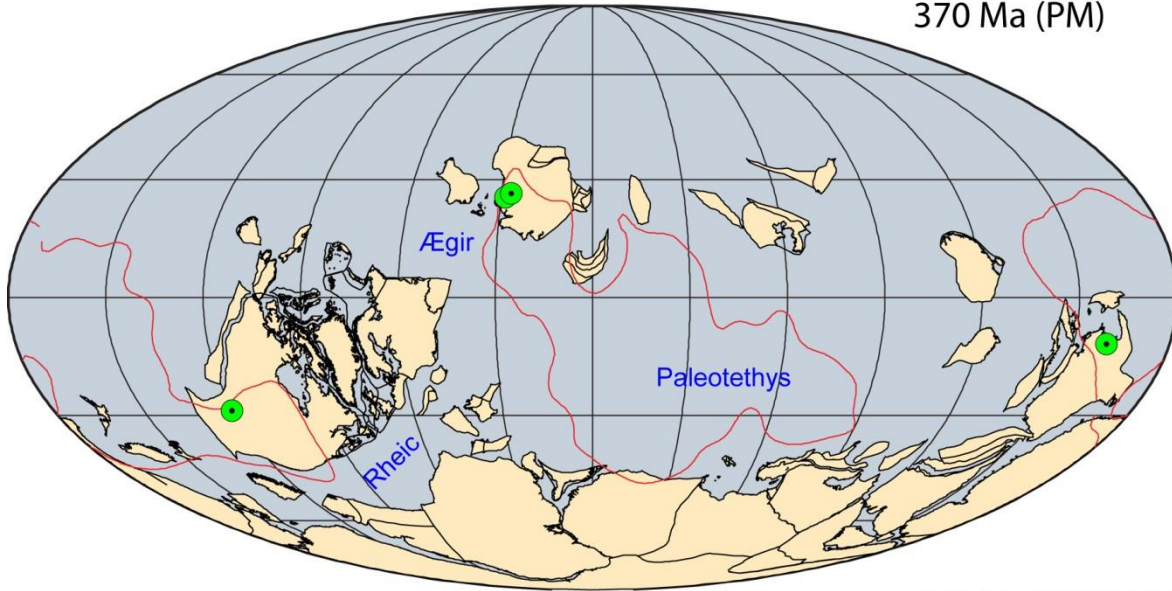
## SPEEDOMETER



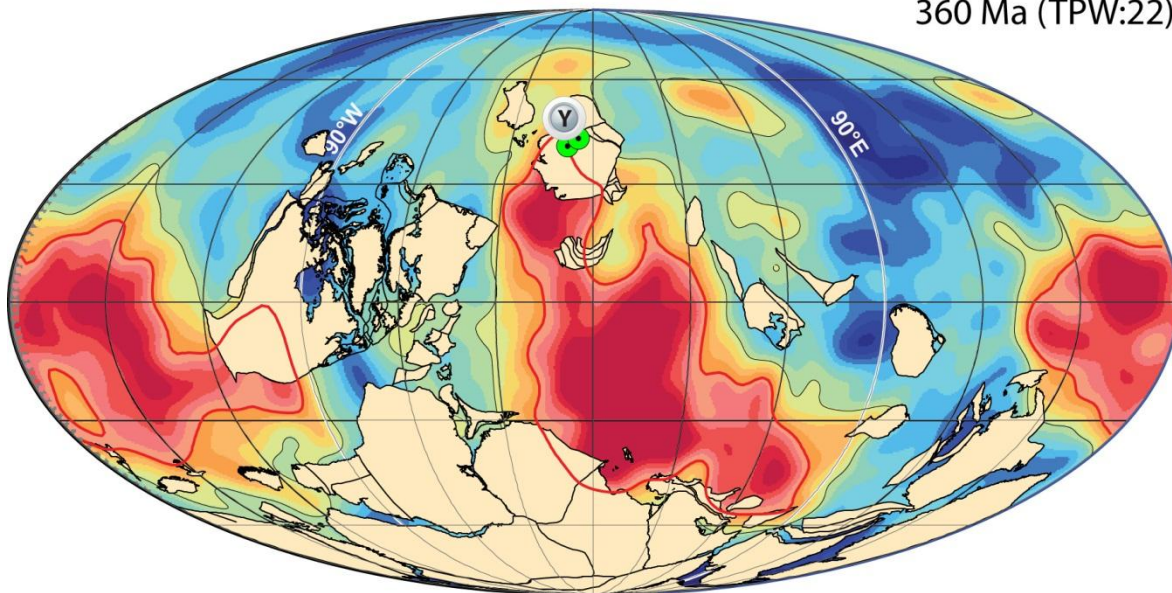
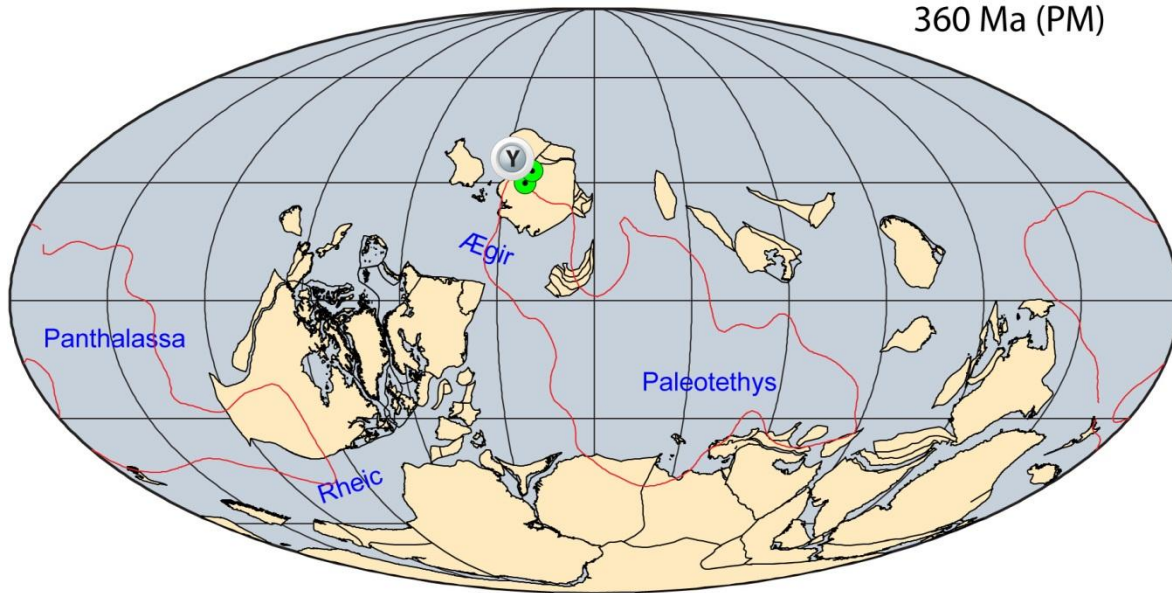
Greenhouse

# Narrowing Rheic Ocean

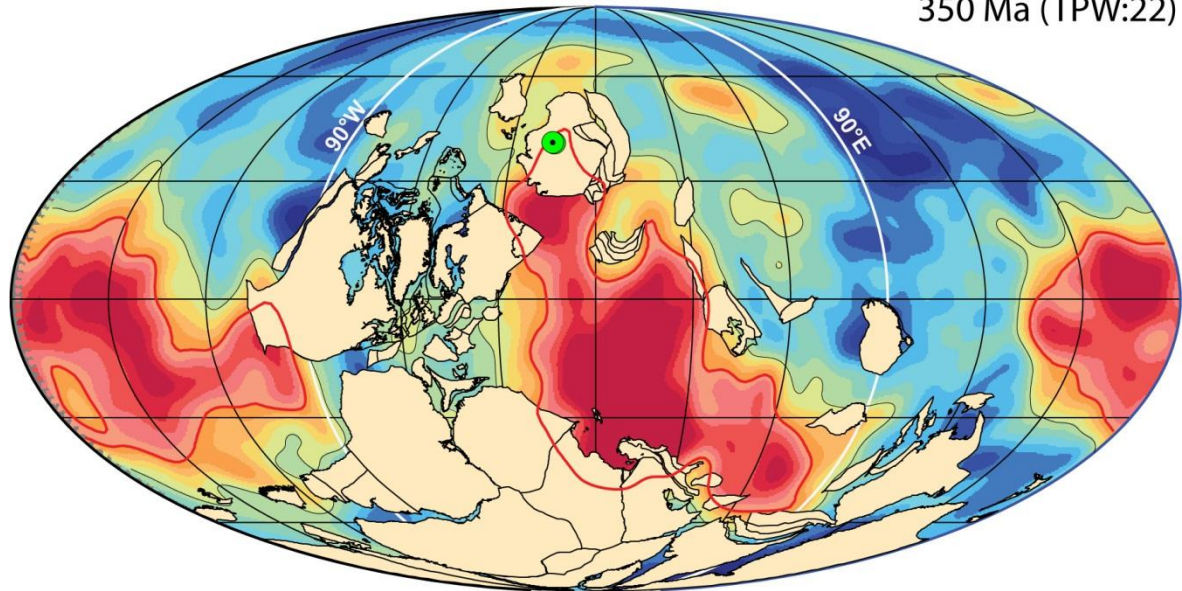
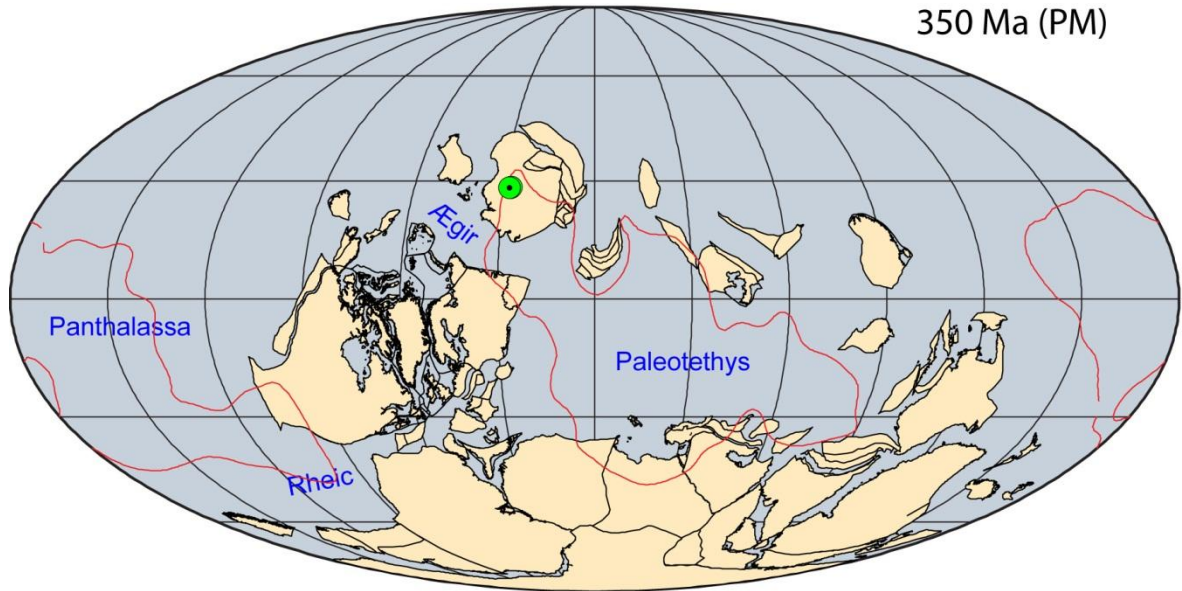


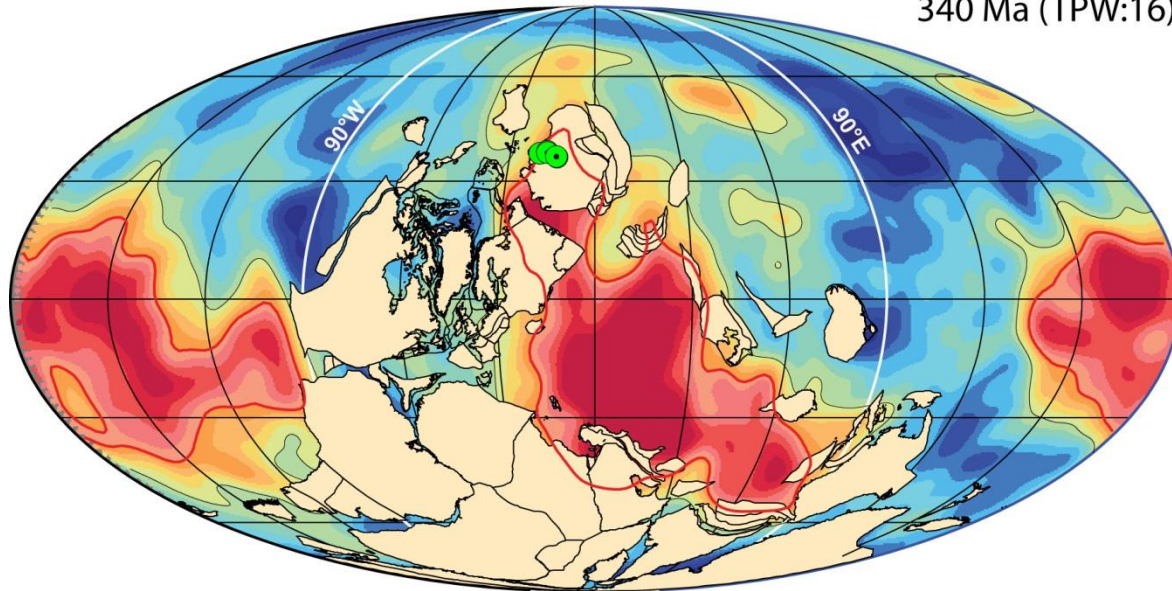
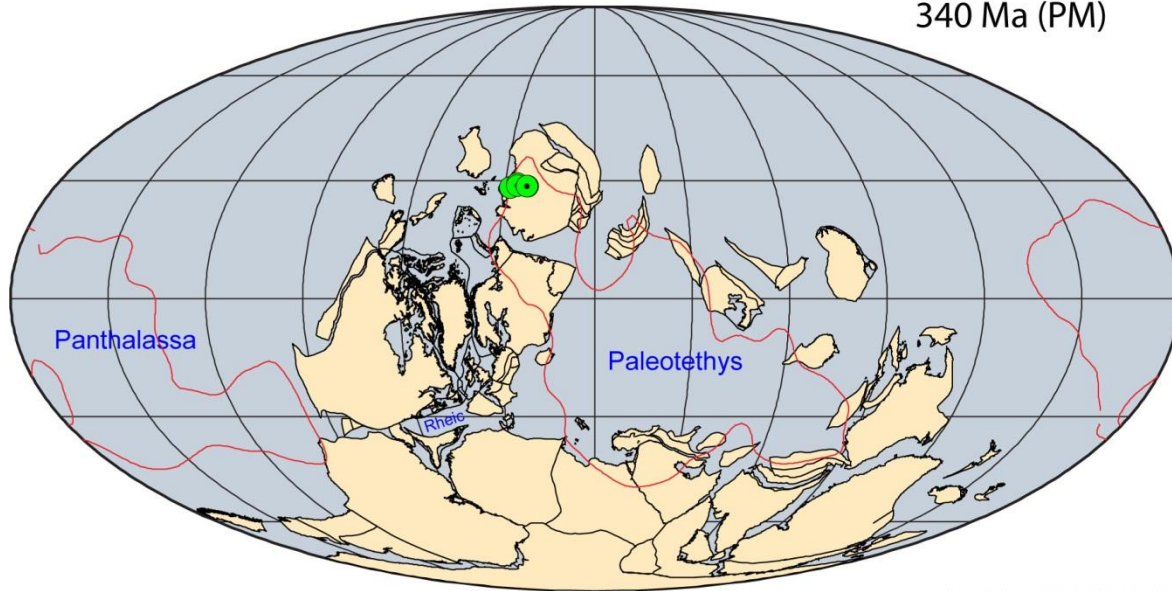


# LIP: Yakutsk (Siberia)

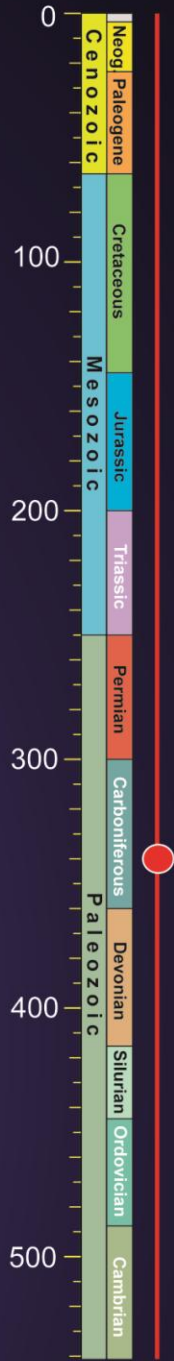


# 'European' Rheic almost vanished



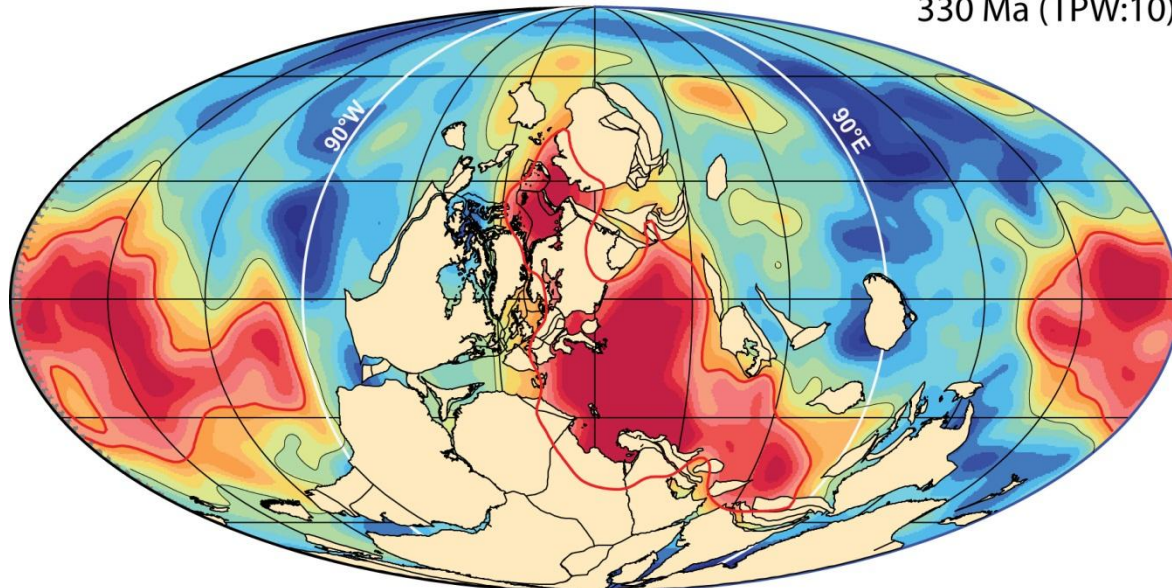
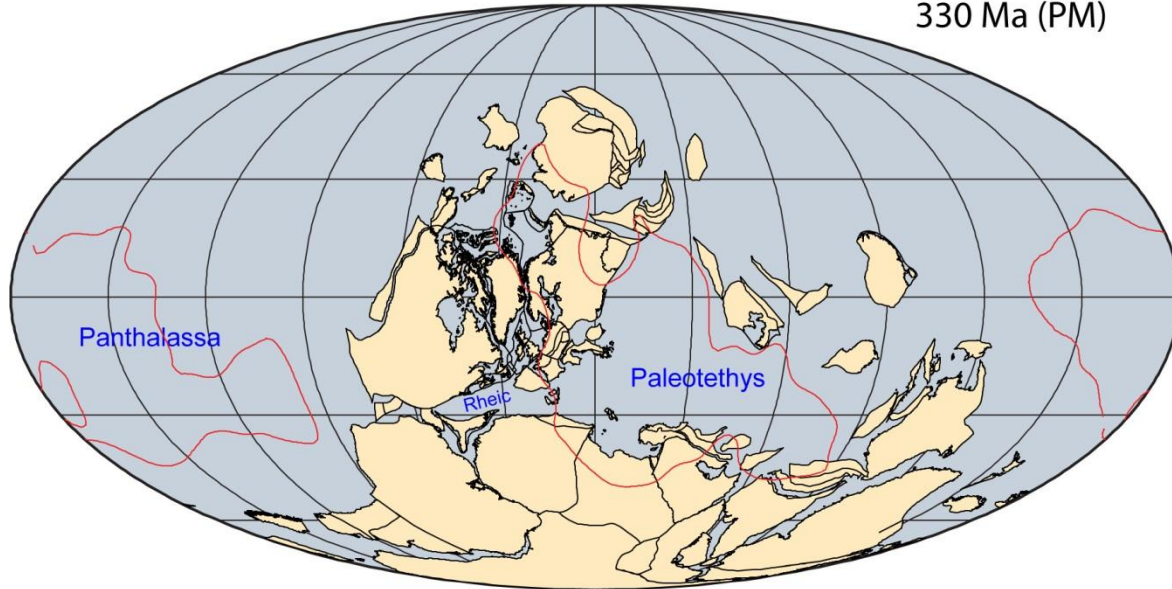


# SPEEDOMETER



Greenhouse

# Start of Icehouse Conditions (Pangea nearly formed)

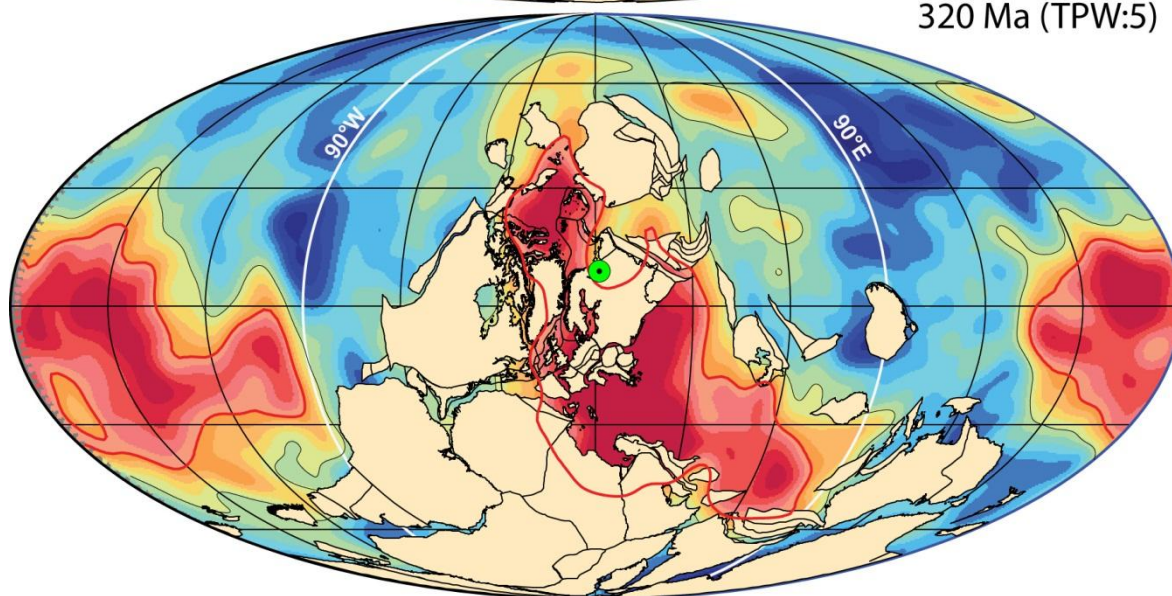
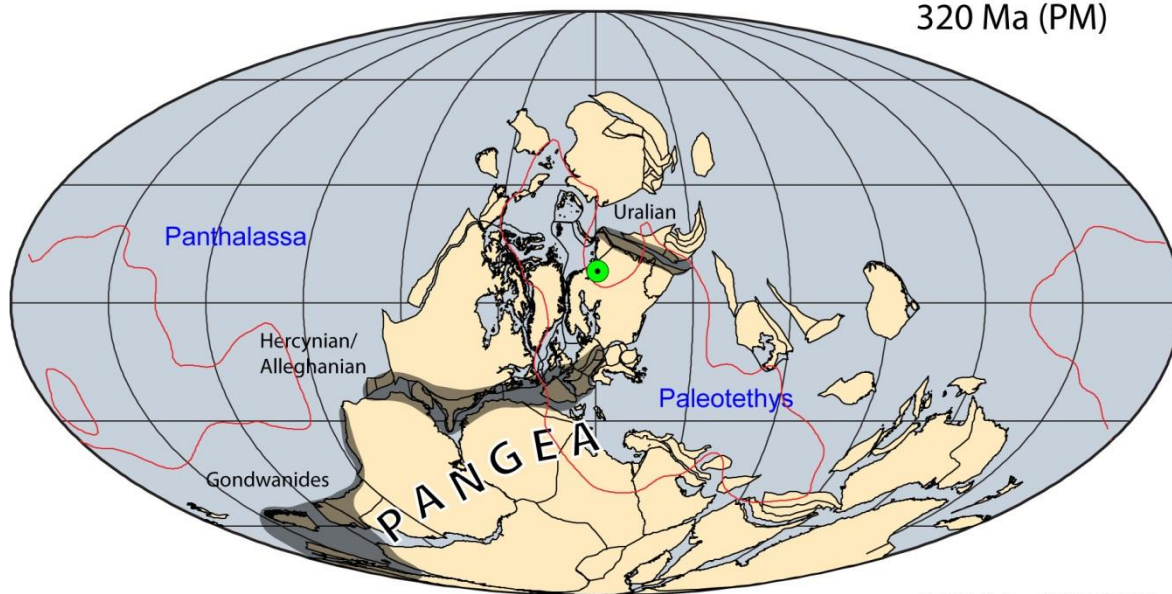


## SPEEDOMETER

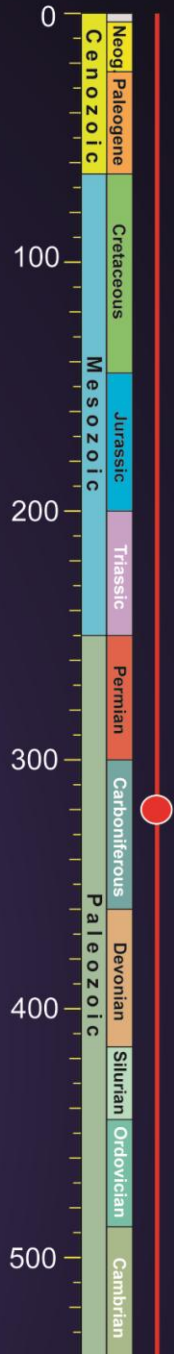


Icehouse

# Pangea Assembly



## SPEEDOMETER

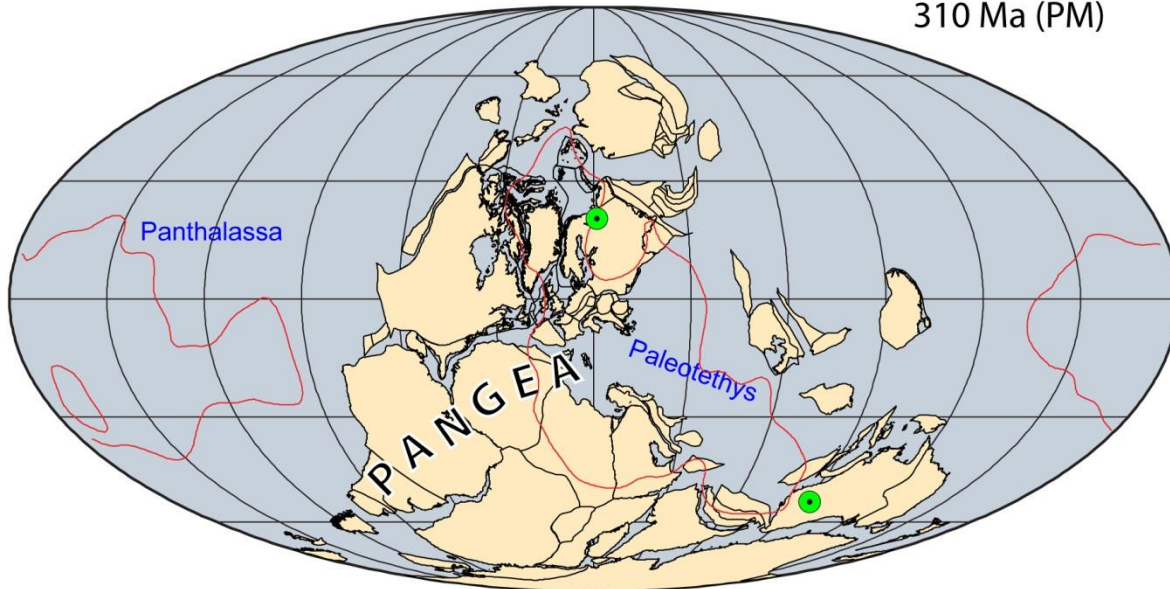


Icehouse

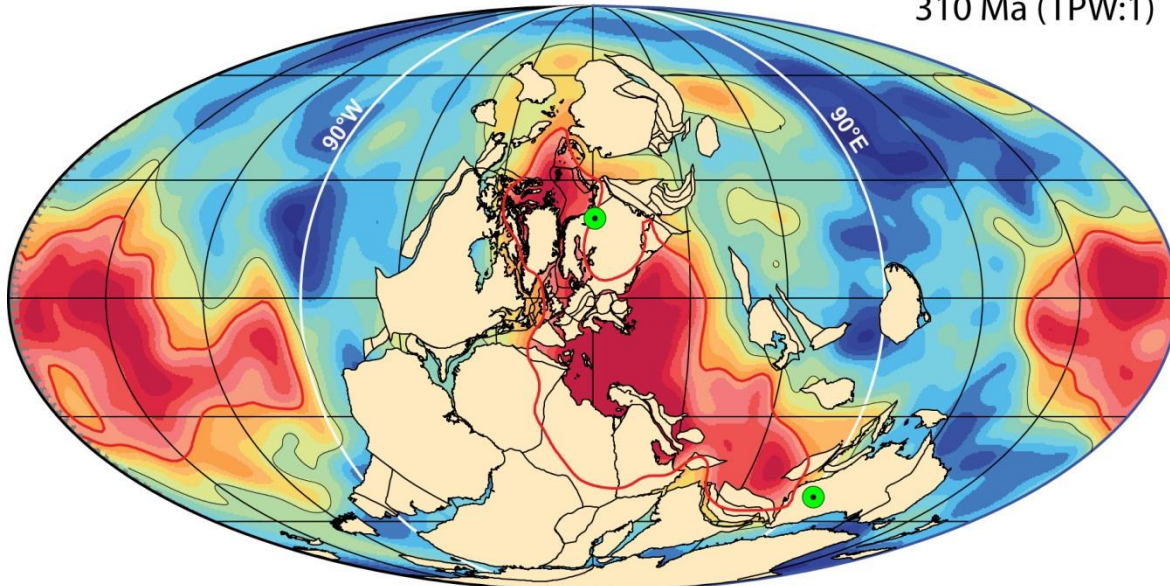


# Icehouse Conditions

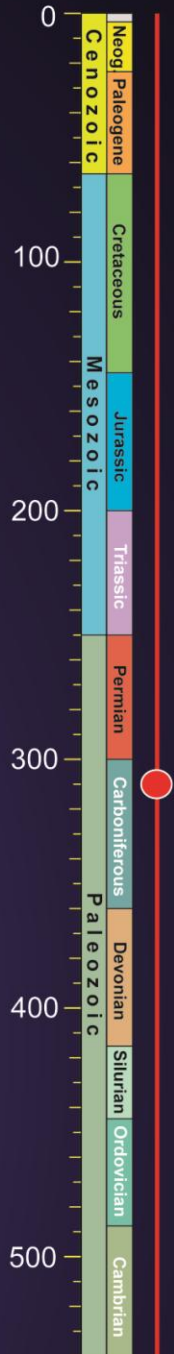
310 Ma (PM)



310 Ma (TPW:1)

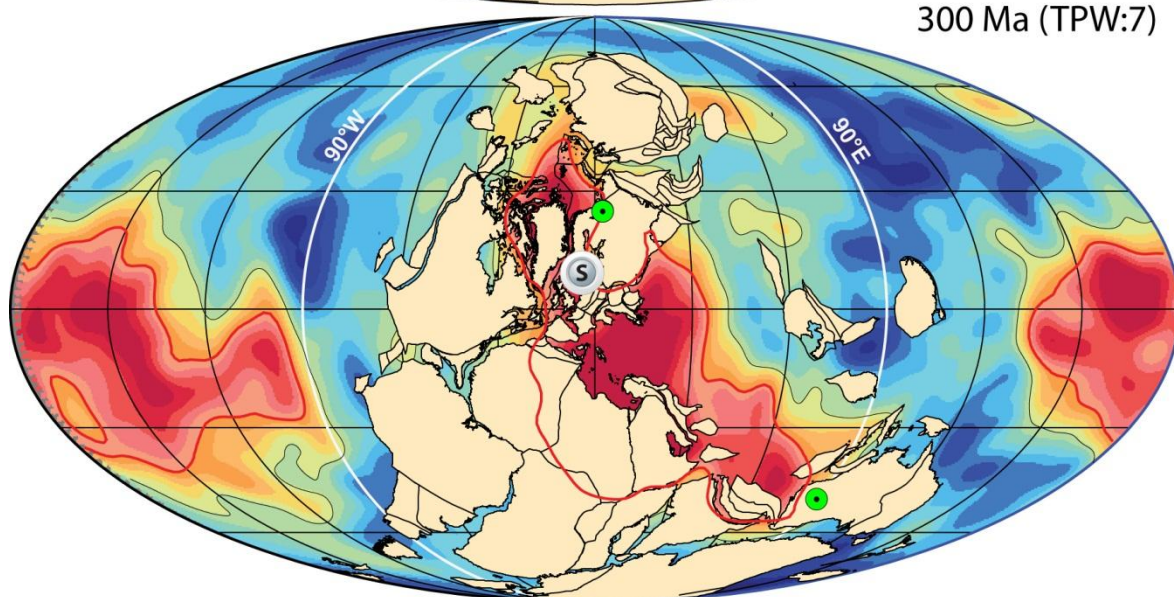
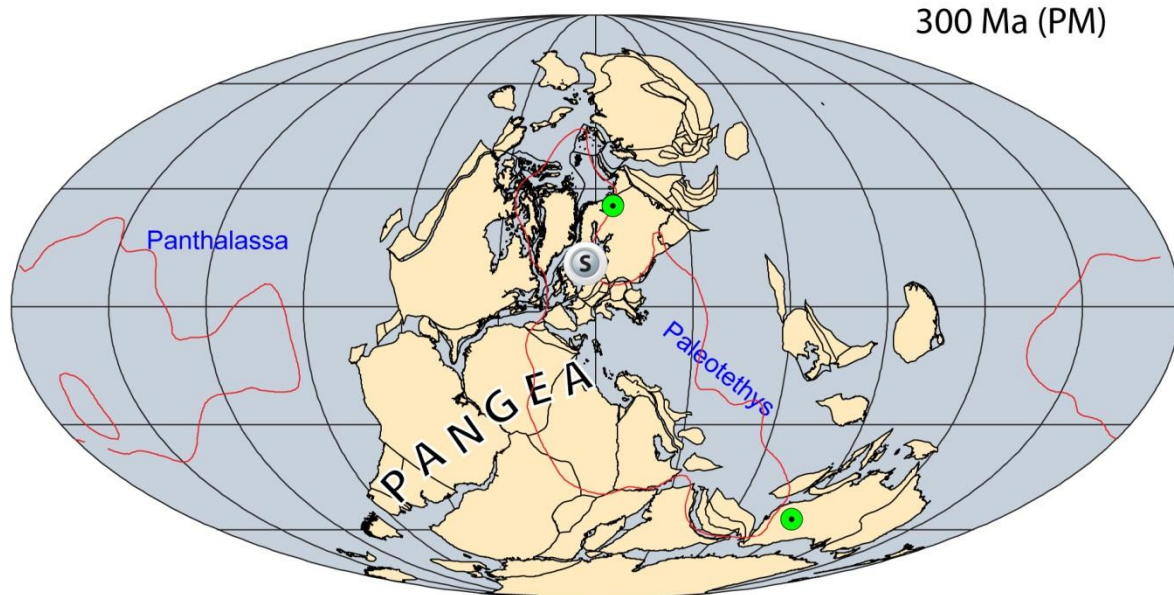


## SPEEDOMETER

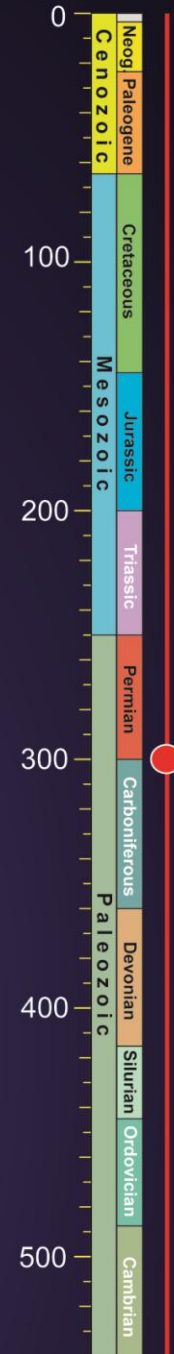


Icehouse

# LIP: Skagerrak Centred LIP (SCLIP)

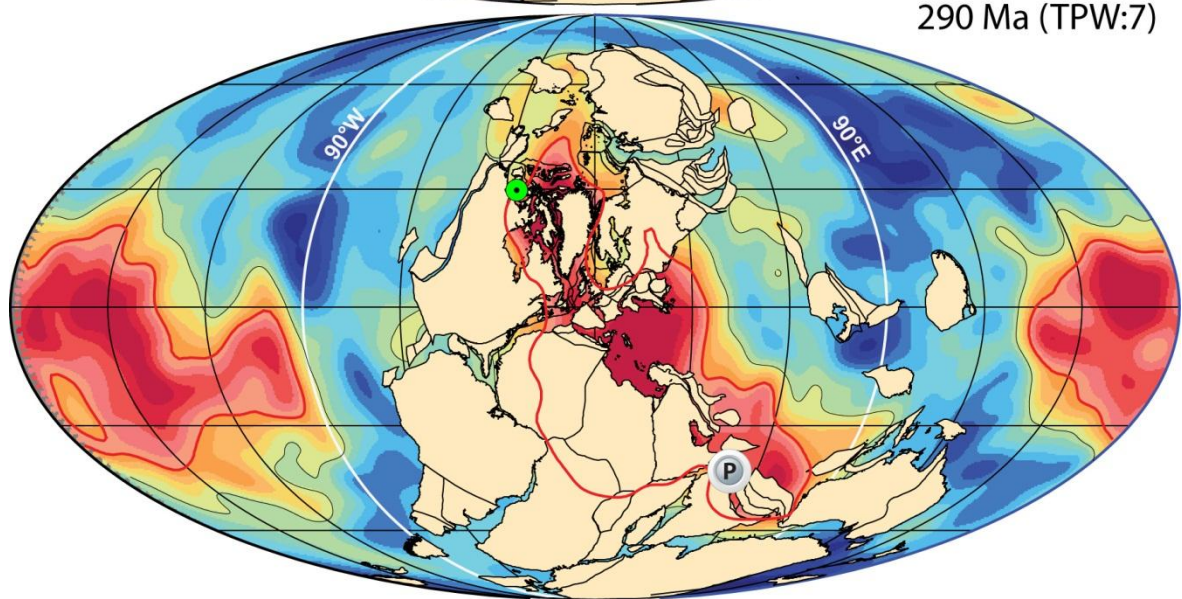
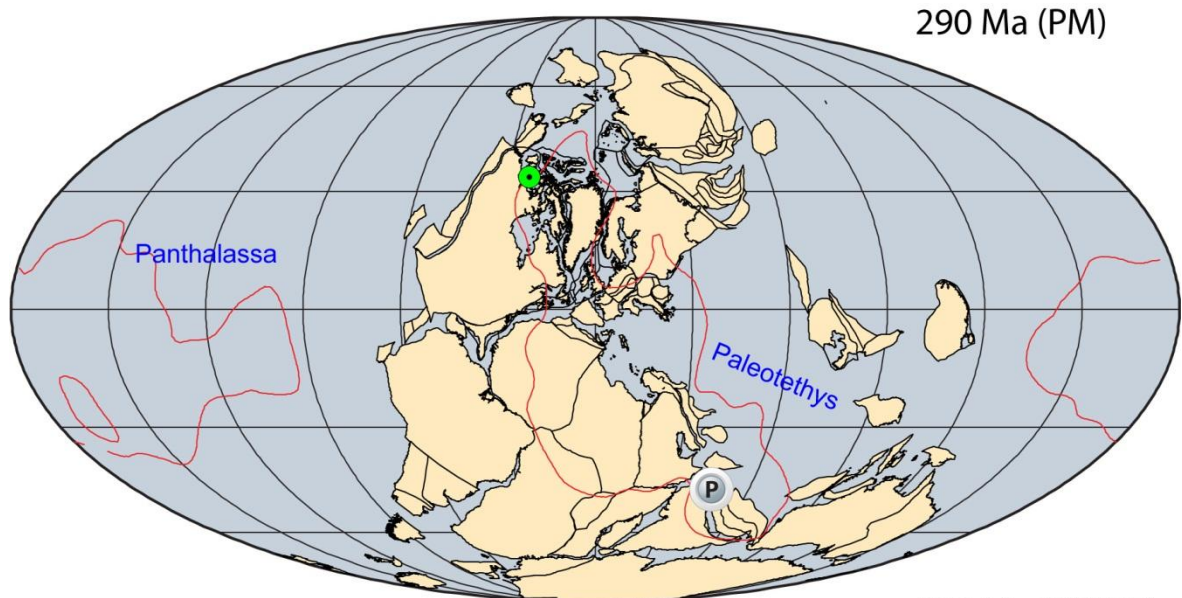


## SPEEDOMETER



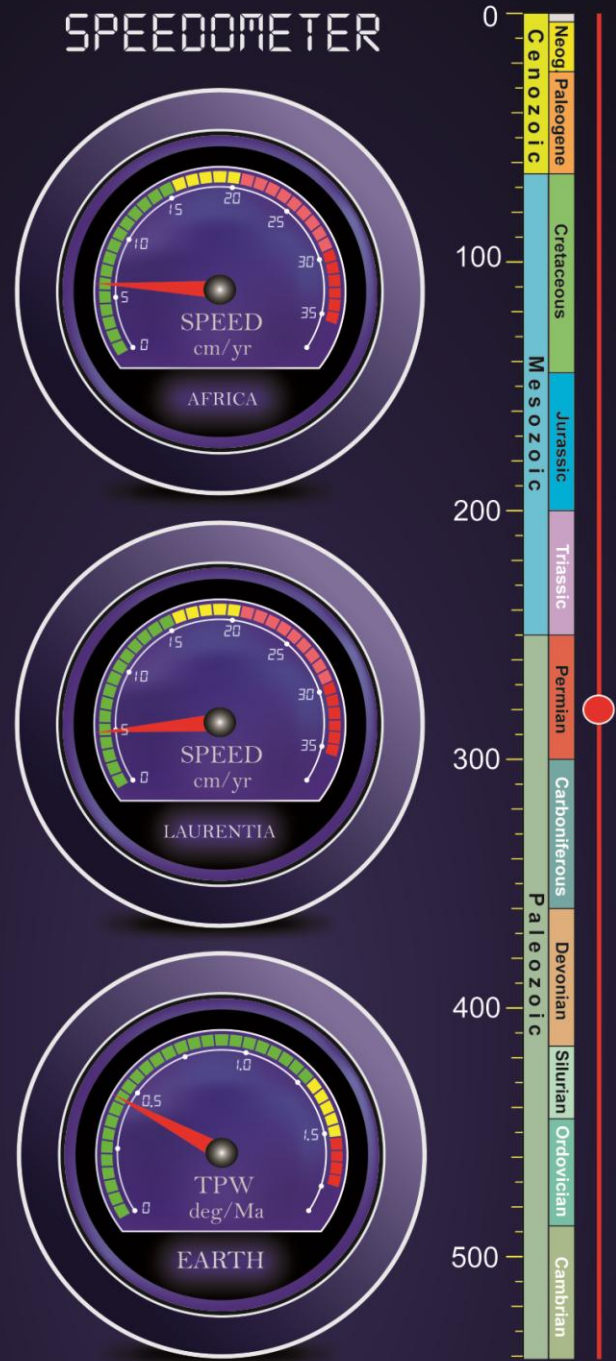
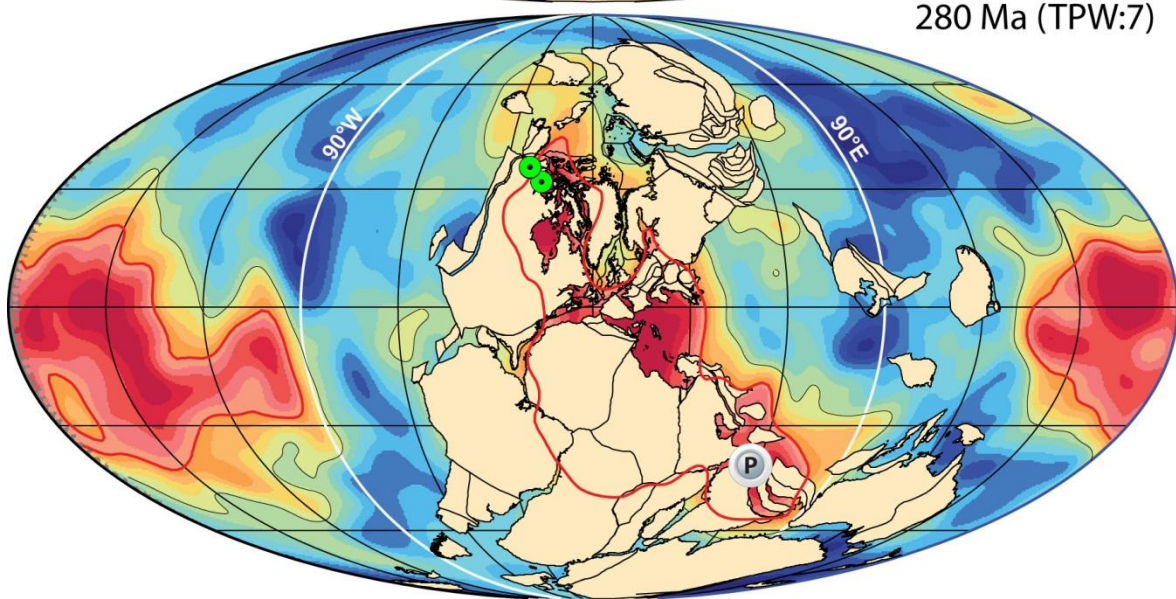
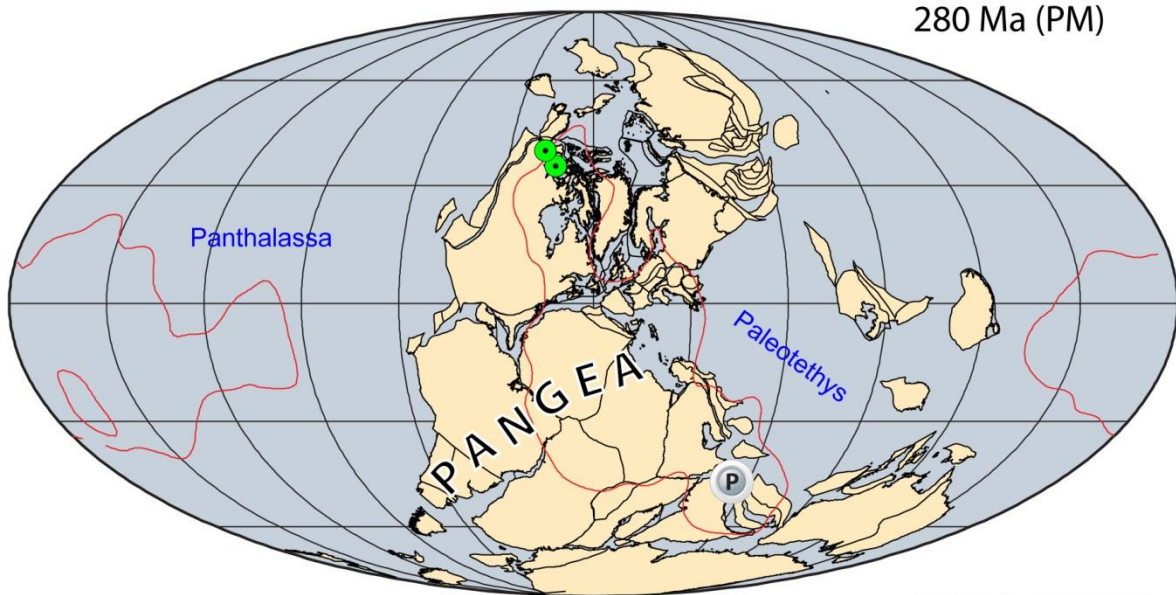
Icehouse

# LIP: Panjal Traps (India/Himalaya)



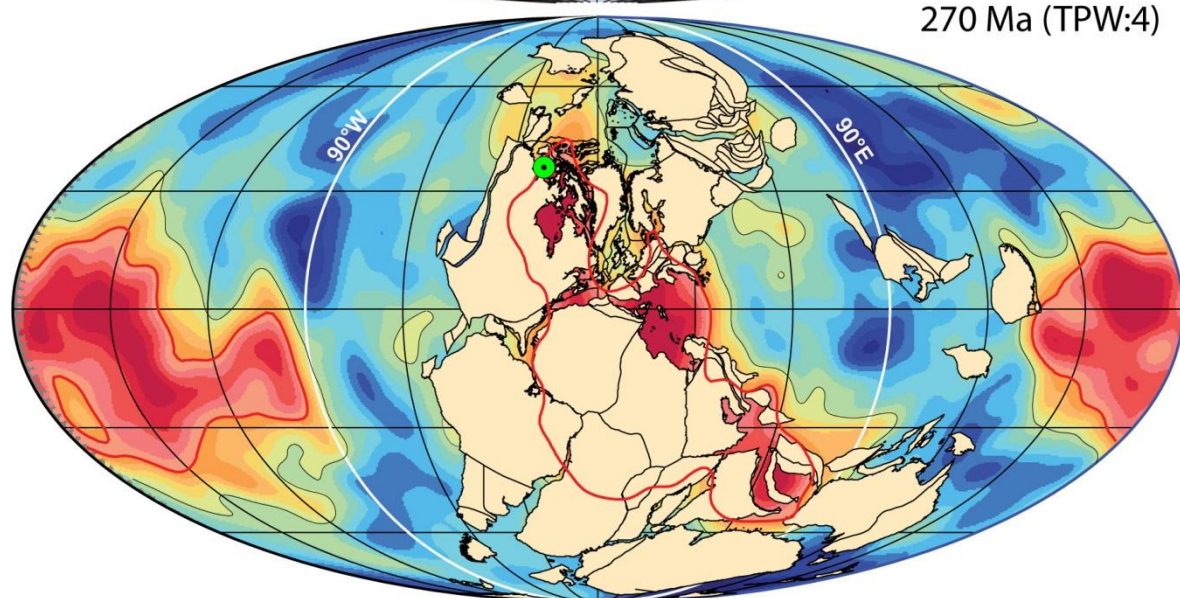
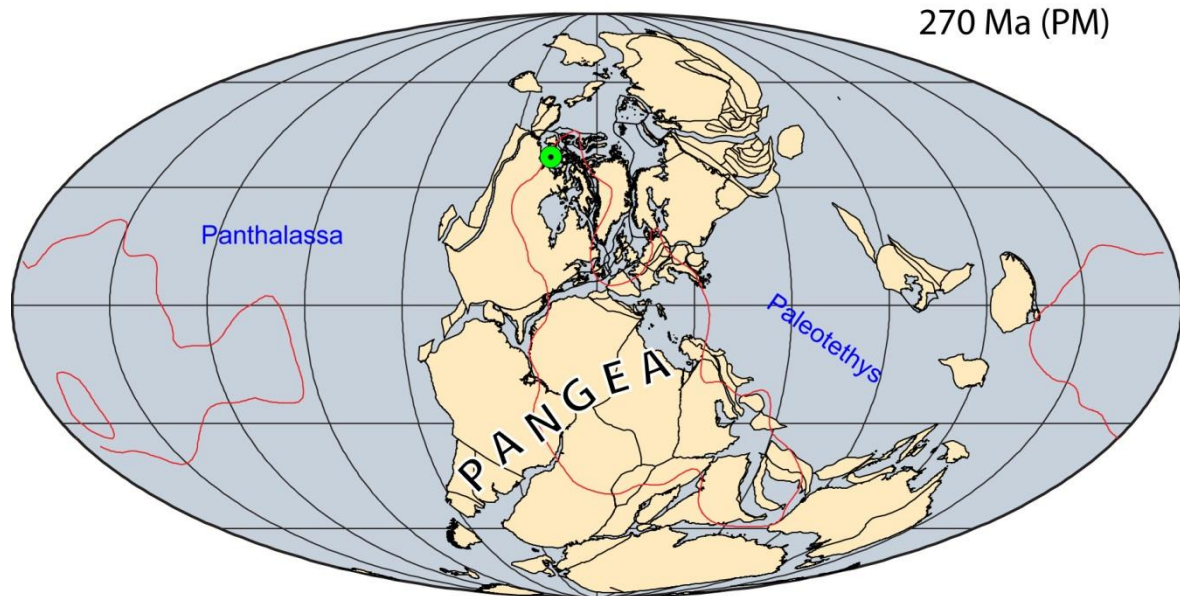
Icehouse

# LIP: Panjal Traps (India/Himalaya)

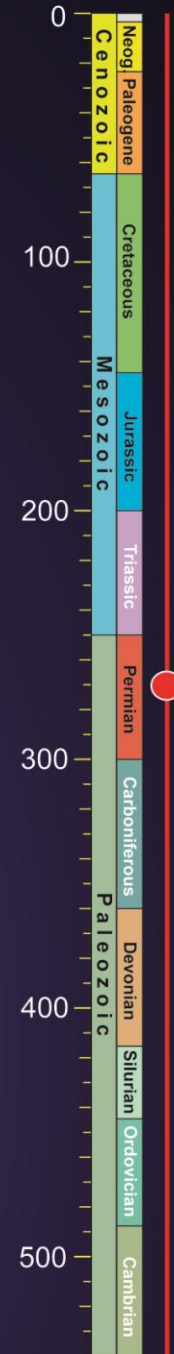


Icehouse

# Start of Greenhouse Condition

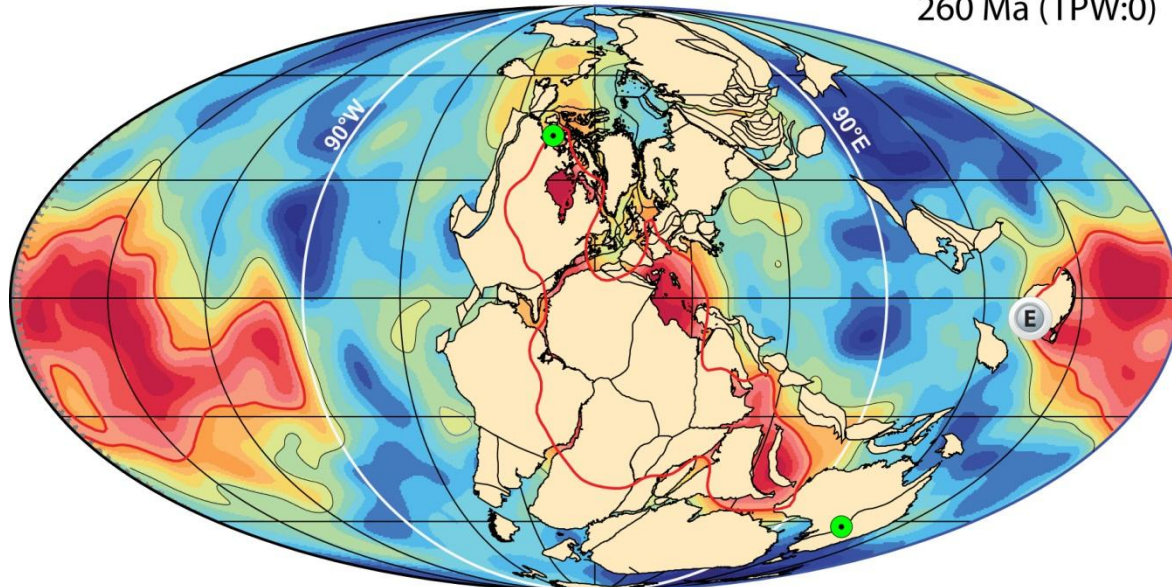
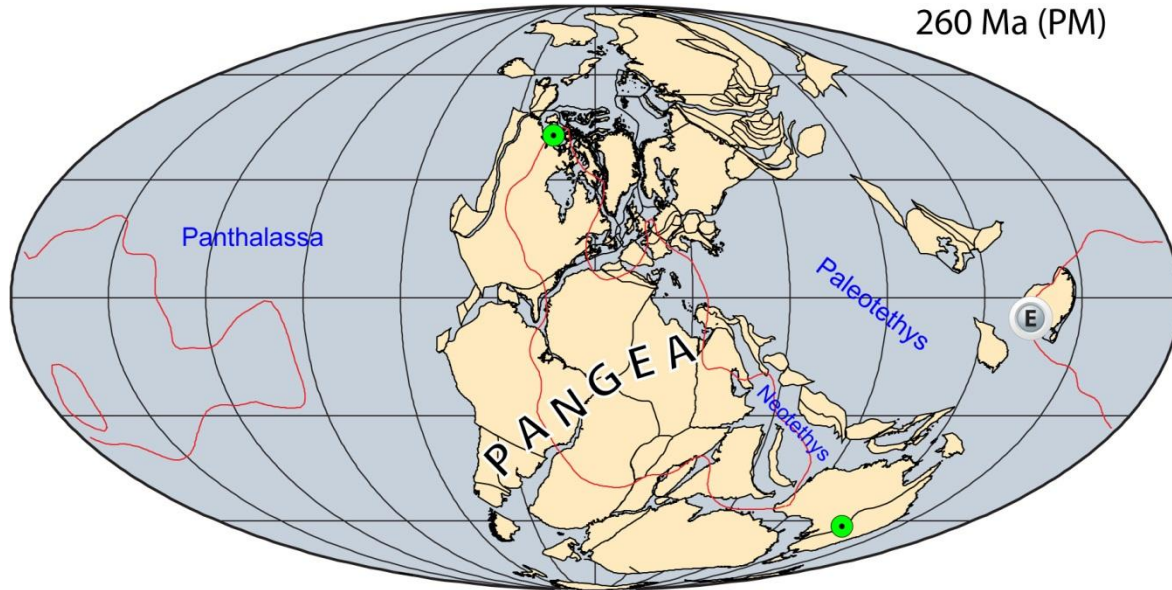


## SPEEDOMETER

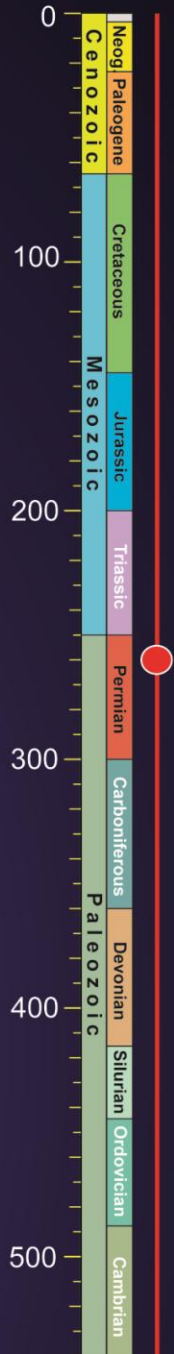
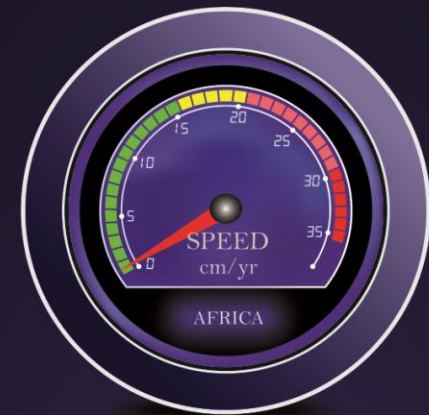


Greenhouse

# LIPS: Emeishan (Opening Neotethys)

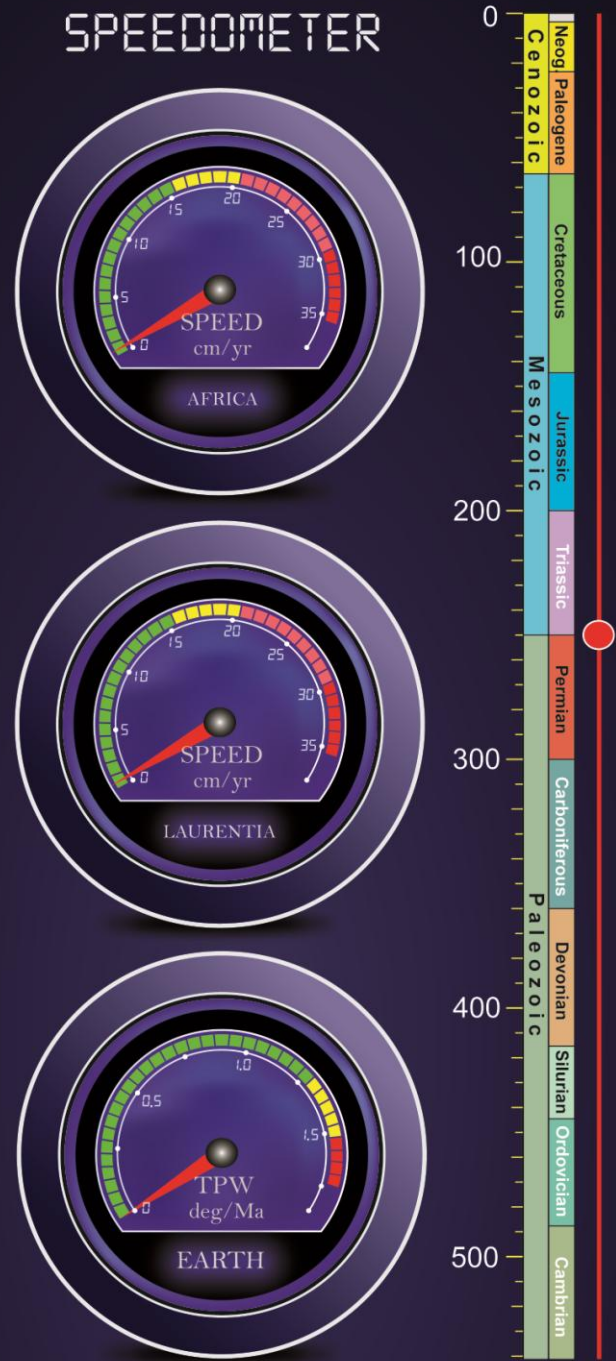
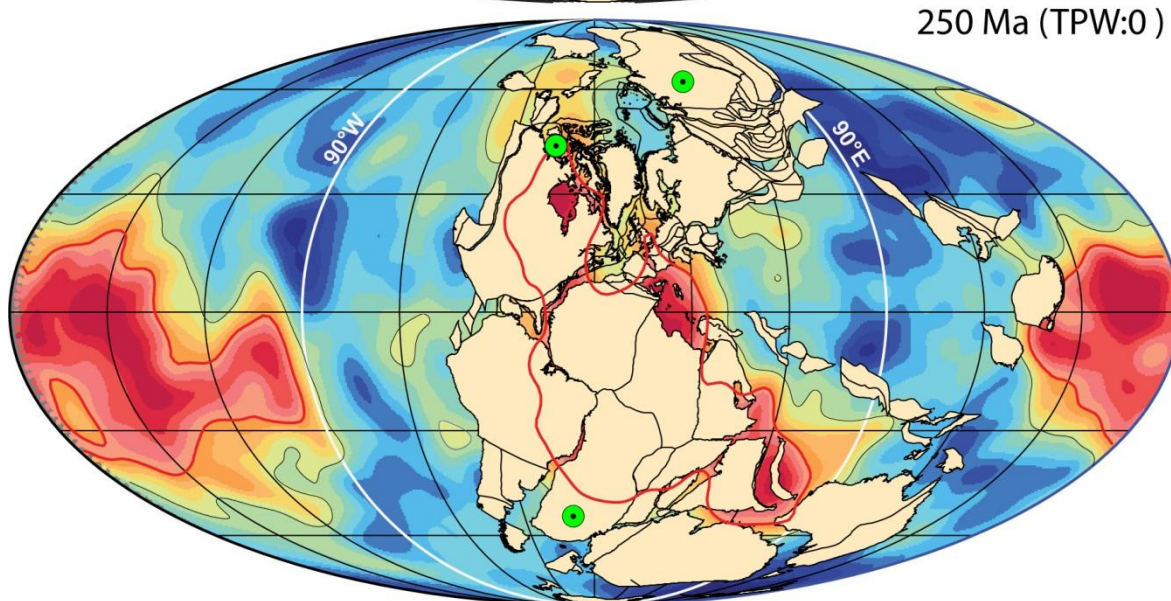
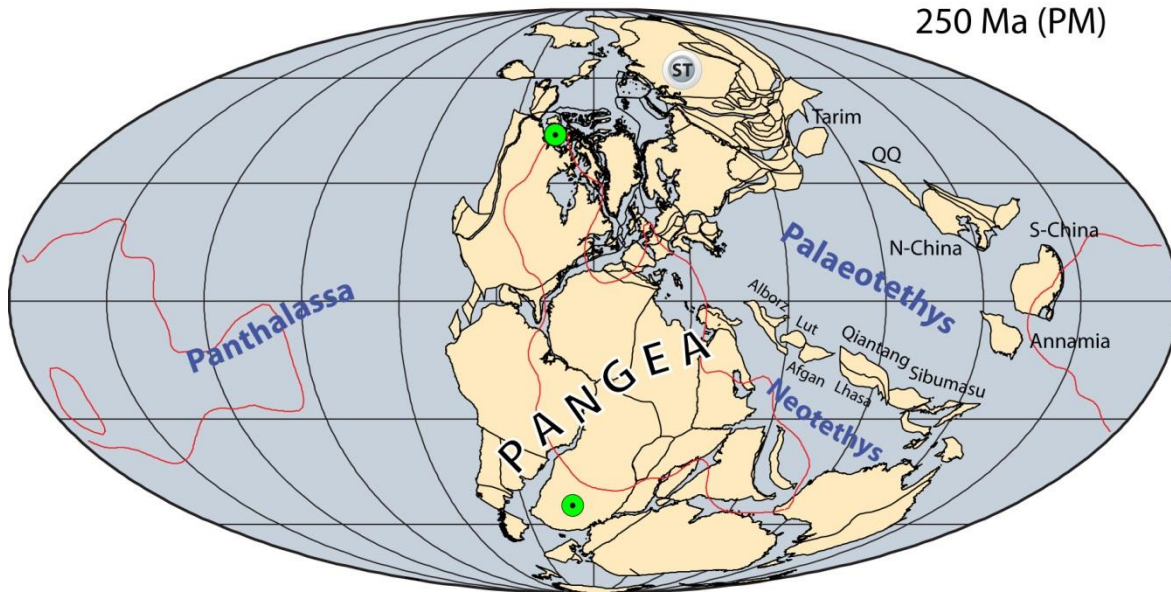


## SPEEDOMETER



Greenhouse

# LIPS: Siberian Traps



**Greenhouse**