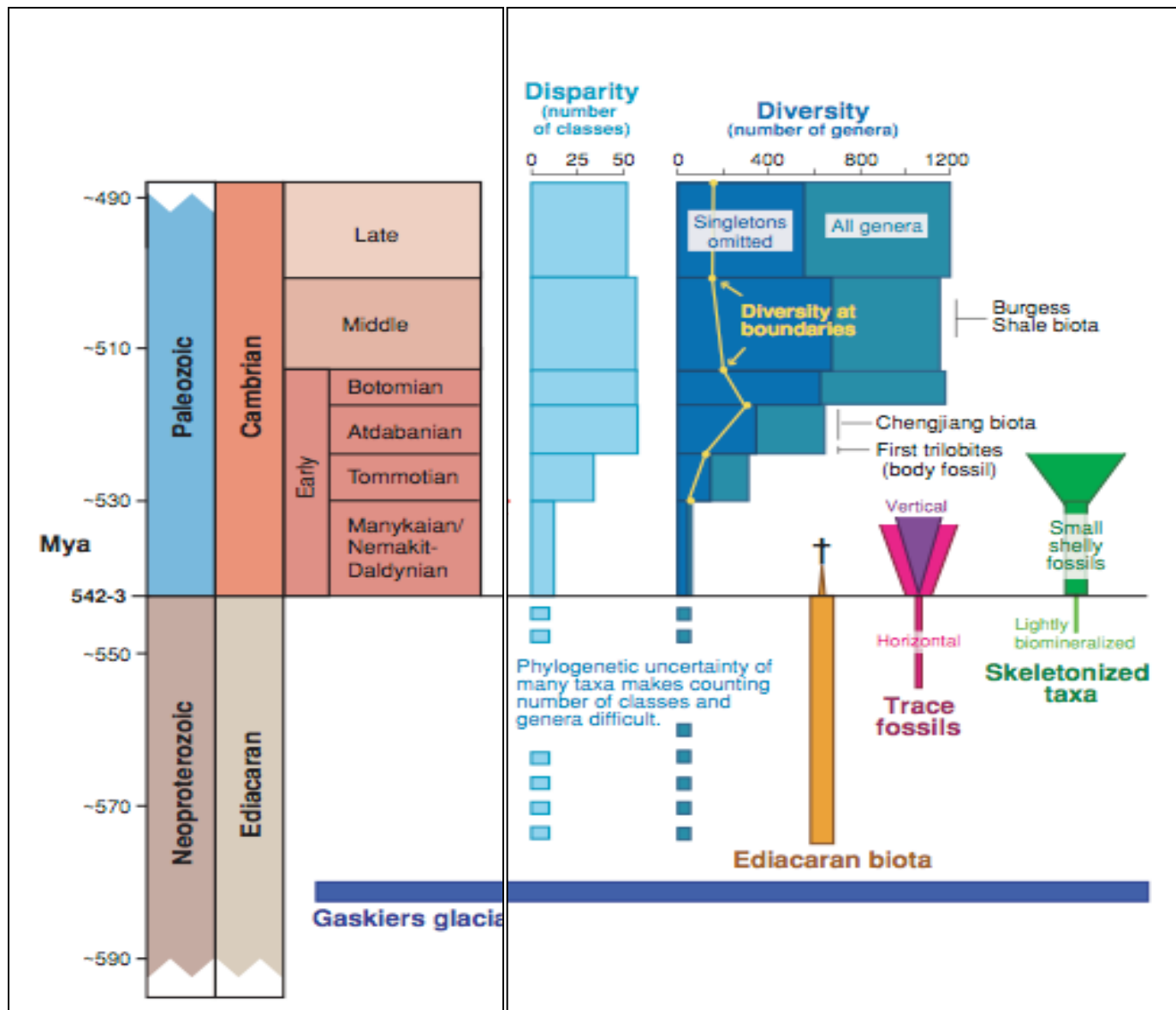


# Evolution of Life Through Time

Subhronil Mondal

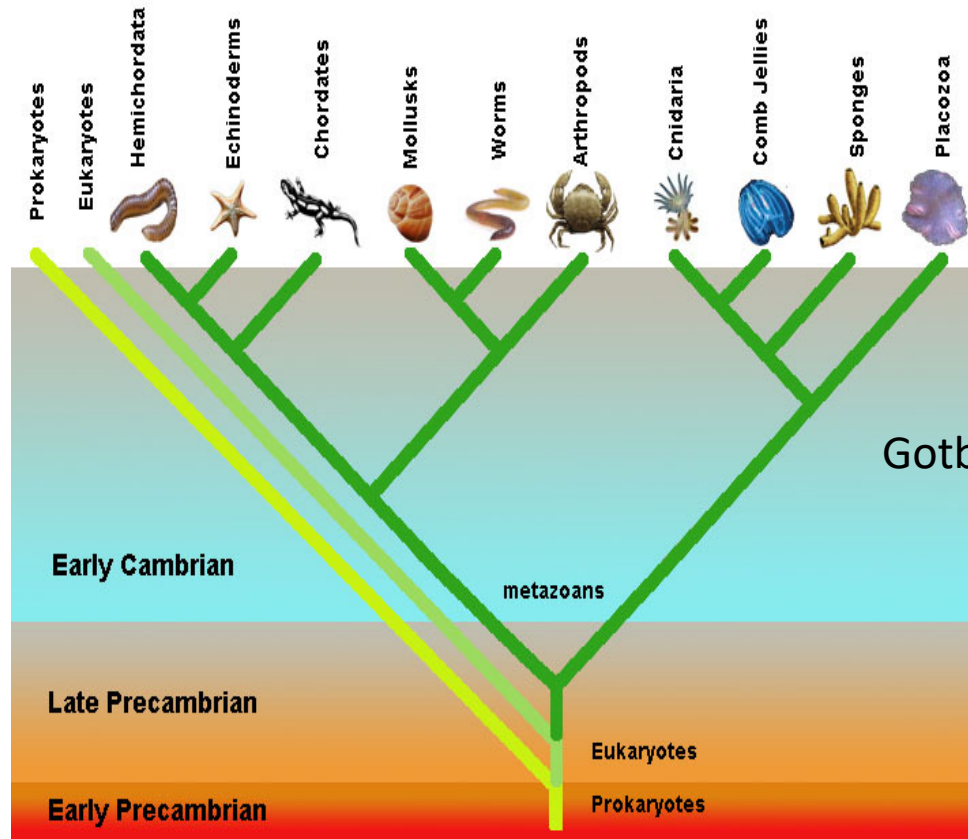
# EDIACARAN TO CAMBRIAN



# CAMBRIAN EXPLOSION

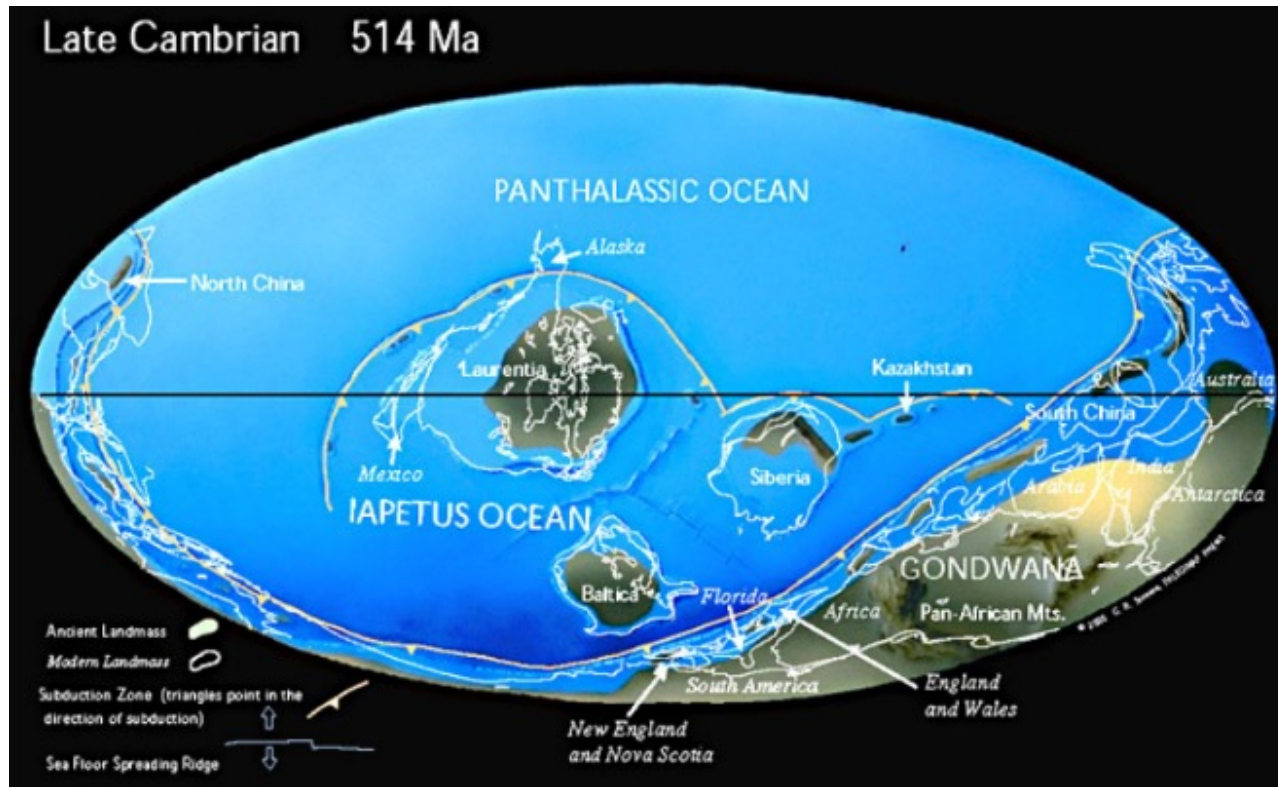
## The “Cambrian Explosion”

Evidence in the fossil record shows that all major phyla were established in the transition from Late Precambrian to Early Cambrian time



Gotbooks.com

# CONTINENTAL POSITIONS



Supercontinent 'Pannotia' broken up (2 clusters – Laurentia+Gondwana]

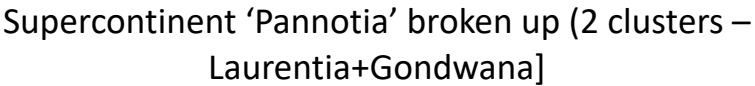
# CAMBRIAN FAUNA

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## Late Cambrian 514 Ma



# ORDOVICIAN LIFE

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## Graptolies



# ORDOVICIAN LIFE

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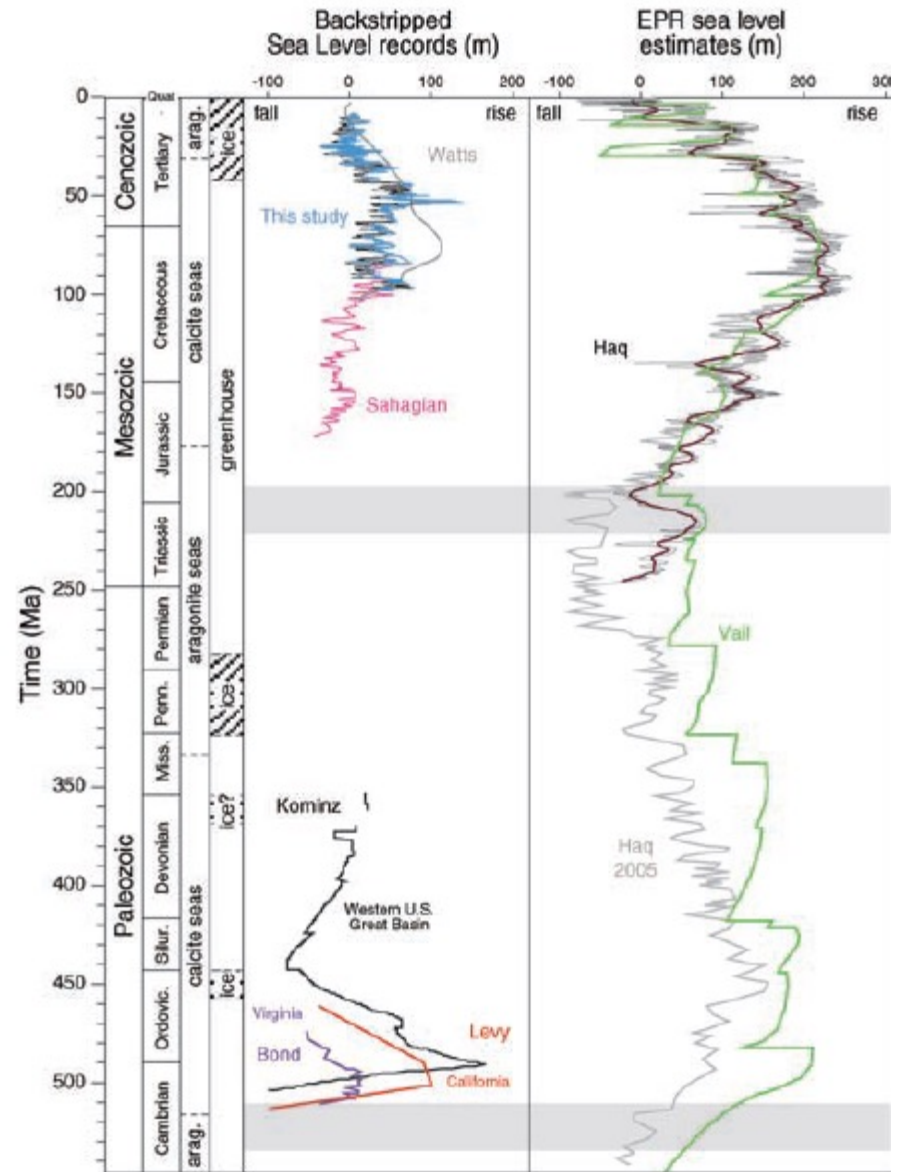
## Conodonts





# MAJOR EVENTS

## First Vascular plants,

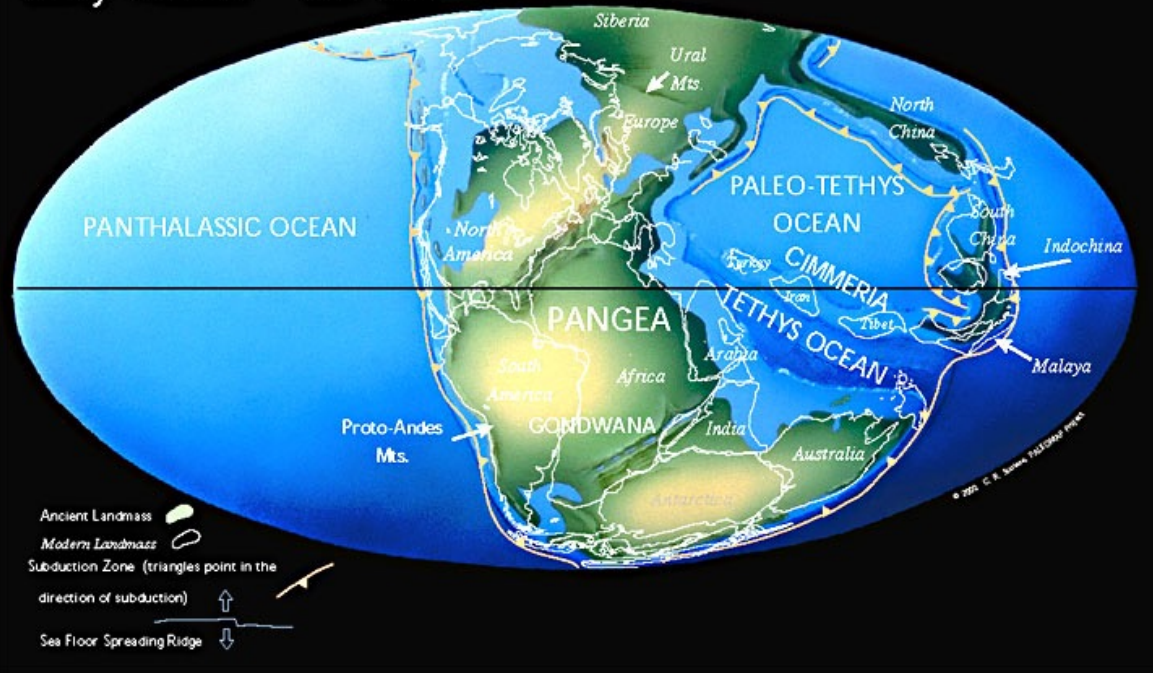


# CARBONIFEROUS LIFE: COAL FORESTS!

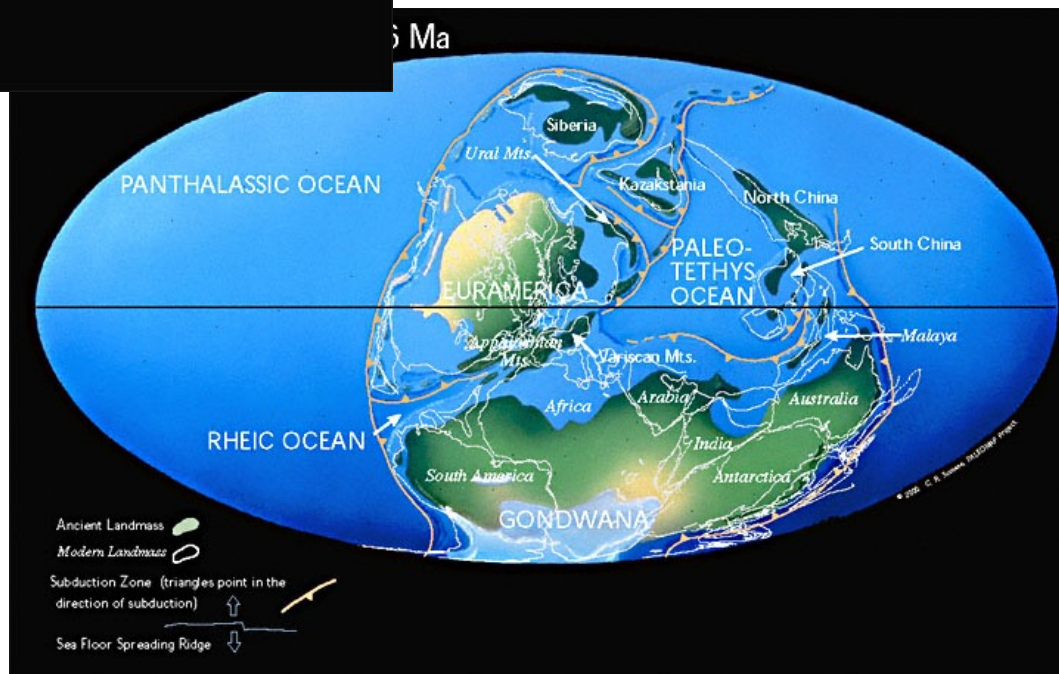
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Early Triassic 237 Ma

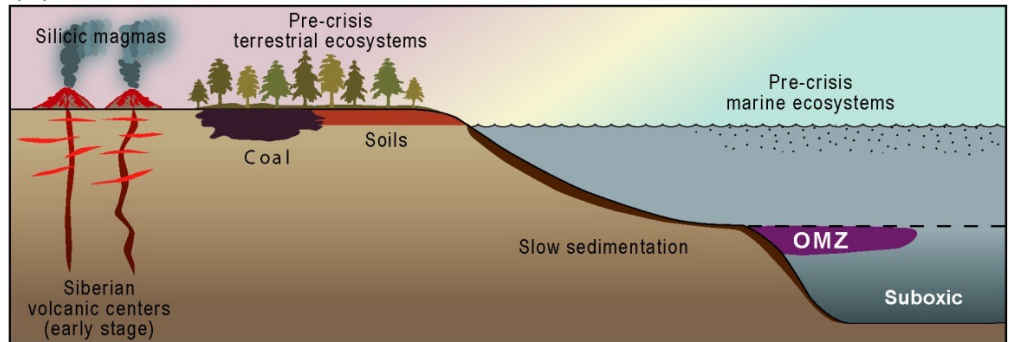


237 Ma

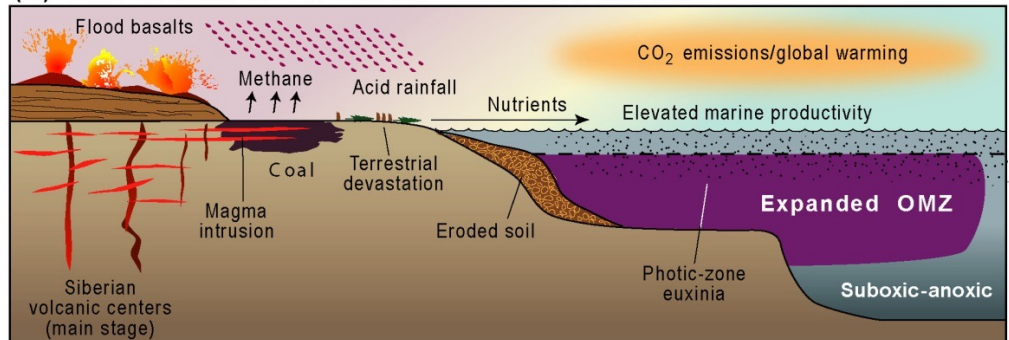


# MESOZOIC: THE LOWER BOUNDARY

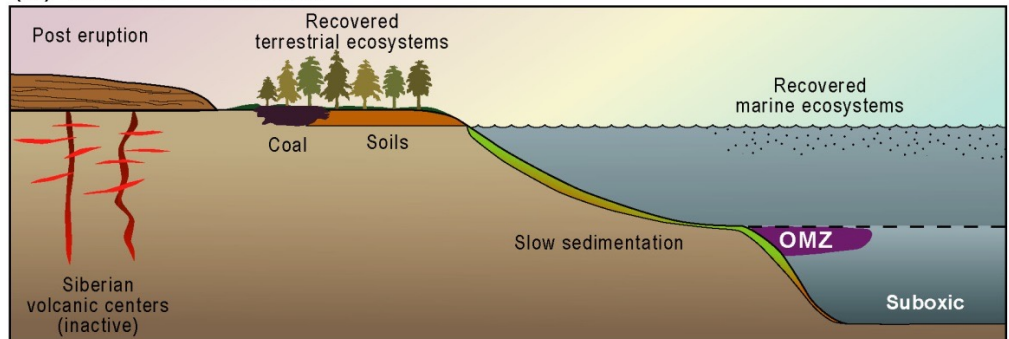
(A) LATE PERMIAN



(B) END-PERMIAN TO EARLY TRIASSIC CRISIS



(C) MIDDLE TRIASSIC



Model of the PTME, with all  
environmental  
Causes together