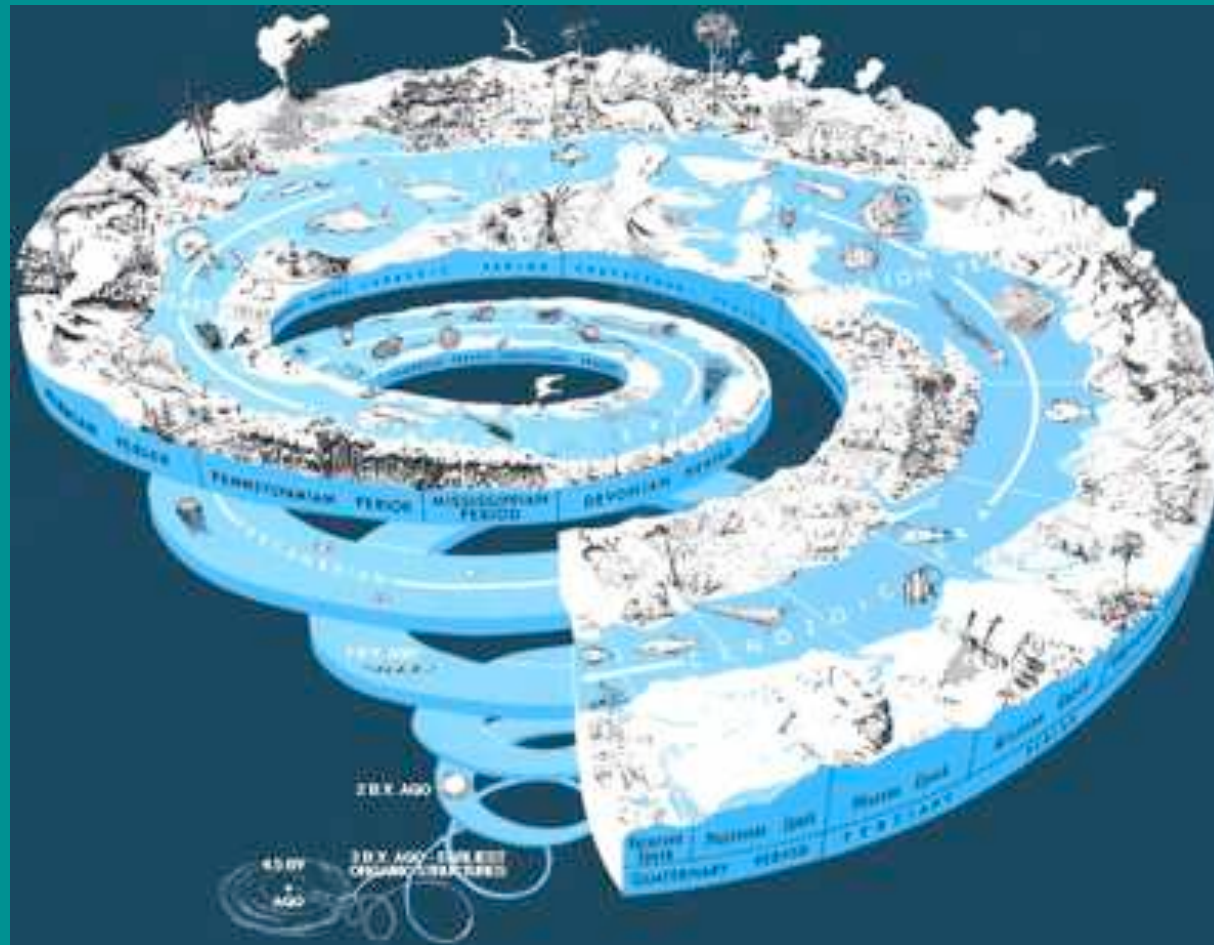


# Temporal Patterns



# Diversity Increases (3.2-3.3)

- It must (a no brainer)
- But not a steady pattern
- Partly the pattern is about new environments.
- (Capture-Recapture)



# Diversity stops increasing (3.5-3.6)



- Not a no brainer (or at least, not exactly)
- Techniques are flawed but pattern is robust

# Host age



- Species accumulate parasites as they age
- But...

# Host age



- How old is Species X?
- Species-Area relationship (60% of Variance)
- Does it matter where you ask the question? Why?
- The Meta Pattern and the hazard of careless falsification



# Succession



- Old fields and cutting Gordian Knots
- Succession follows a pattern.
- Diversity increases, but probably levels off
- Could it decline?

# Preston's Pattern (3.10-3.13)



- Species-Time curves Surely exist
- Time and space have a strange relationship
- Three things need disentangling (S. S. E)

# Seasonal Variation (3.17)



- Migration
- Torpor (or some robust dormant stage--really a sampling problem)
- Altitude (especially in the tropics)
- Subtropical exchanges
- Where the bodies are buried and why pure ecology can't find them