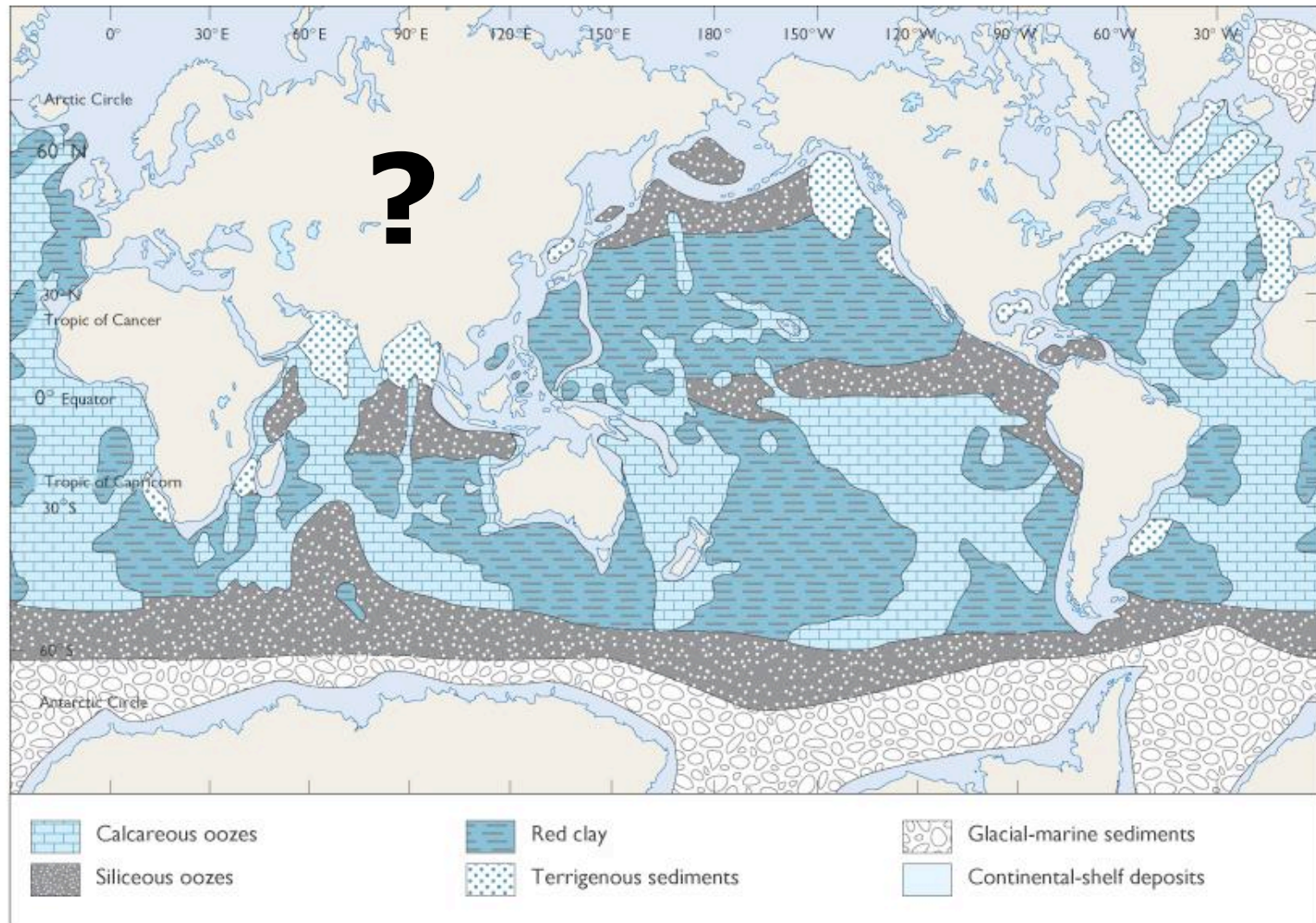


# Marine Sedimentation



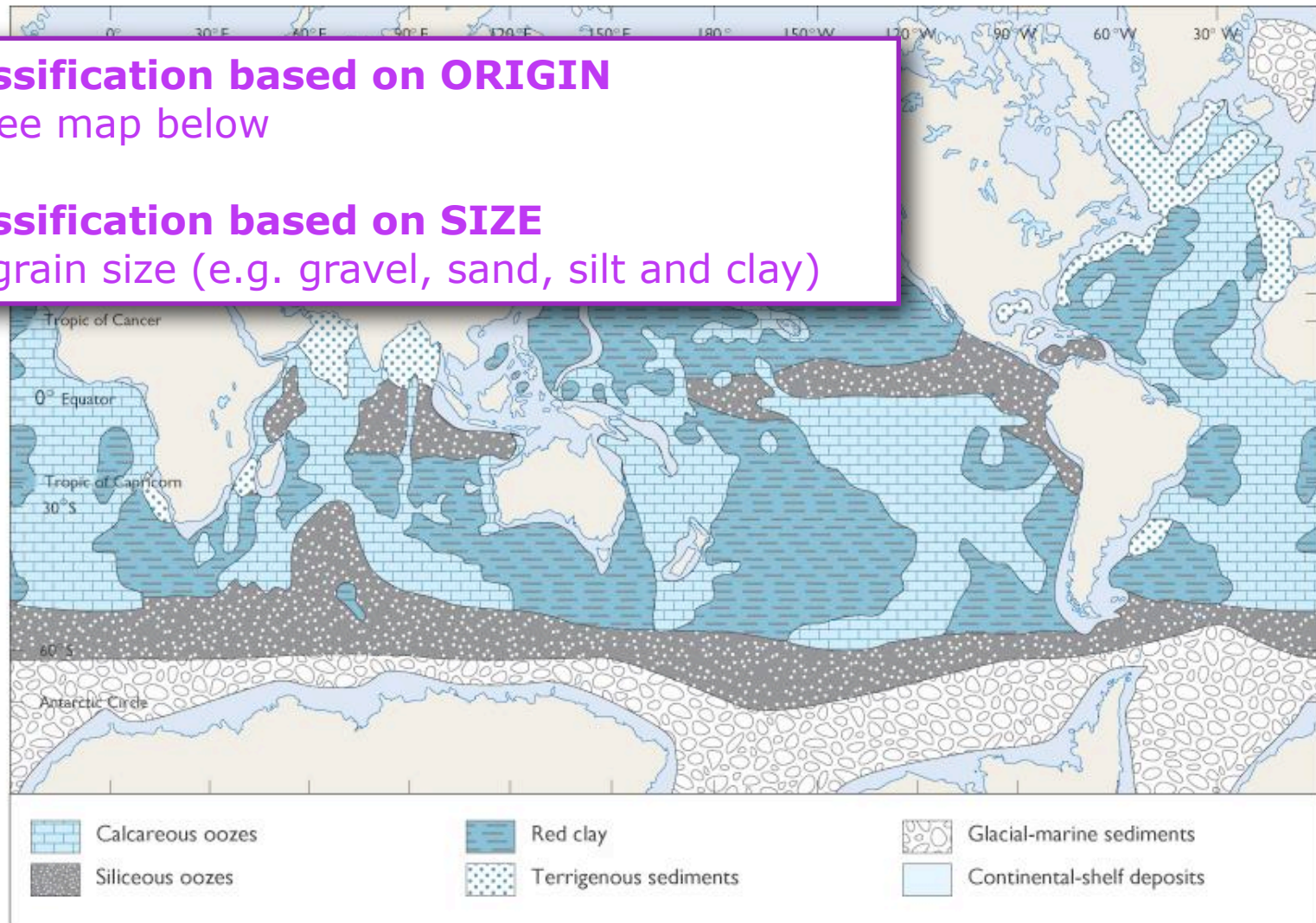
# Marine Sedimentation

**Classification based on ORIGIN**

see map below

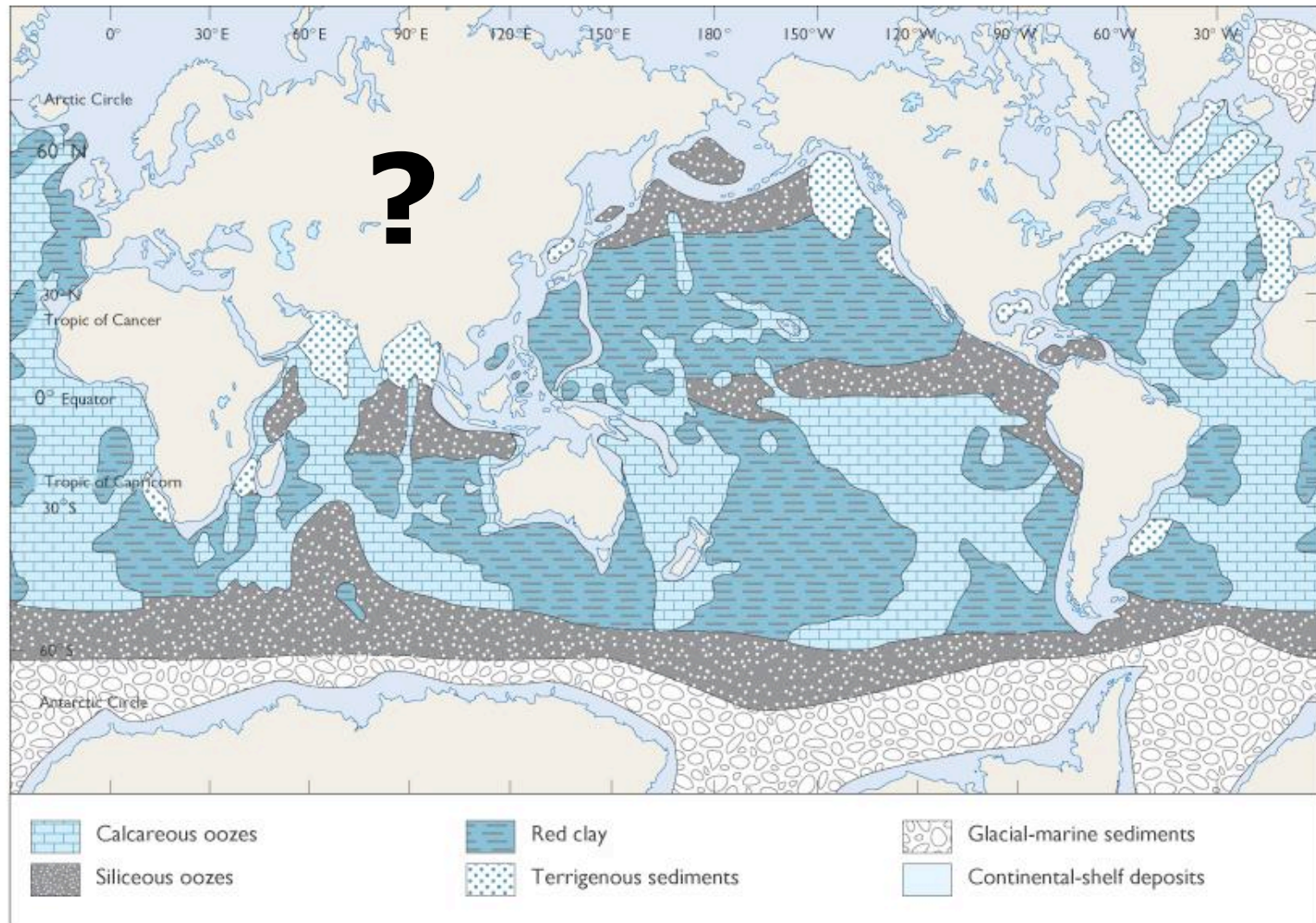
**Classification based on SIZE**

grain size (e.g. gravel, sand, silt and clay)



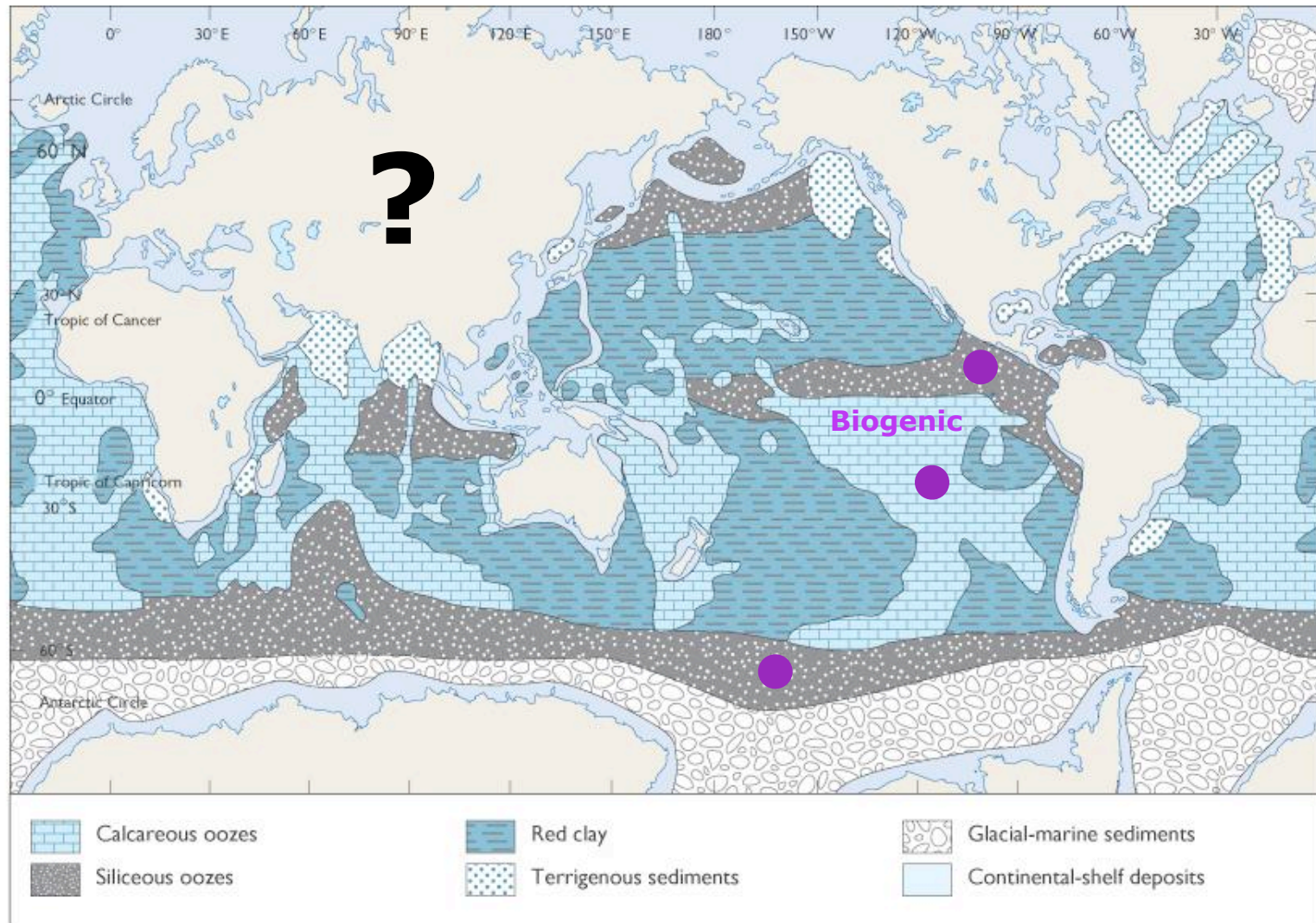


# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

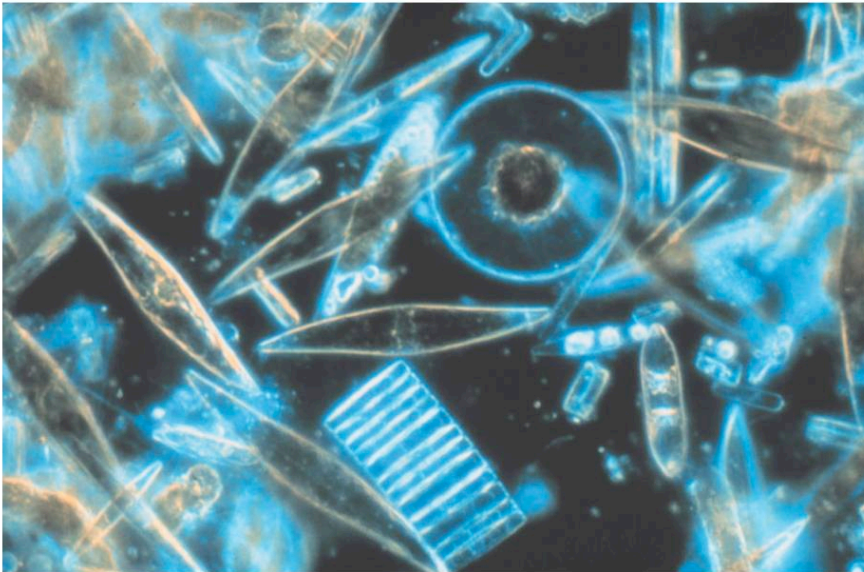


# Biogenic Deposits

Silica



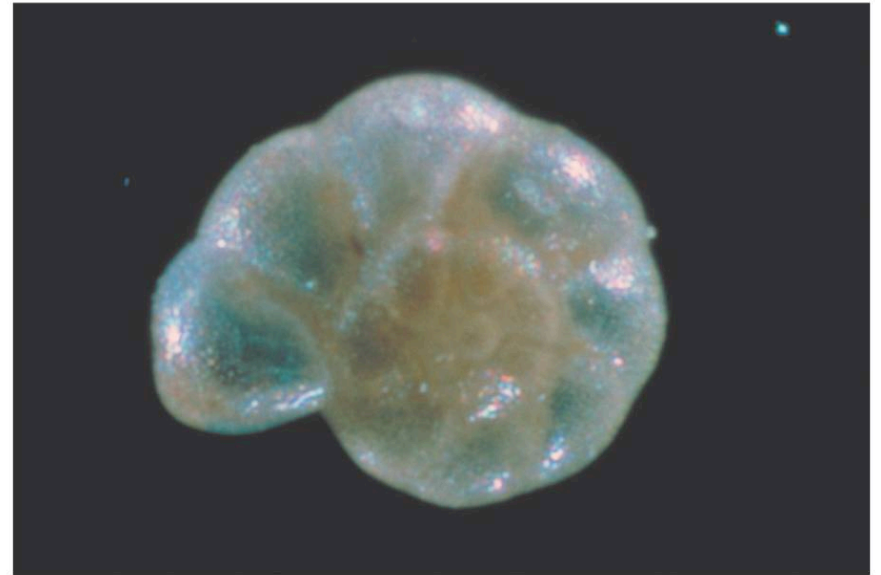
Common microfossils in biogenic oozes. (f) Diatoms



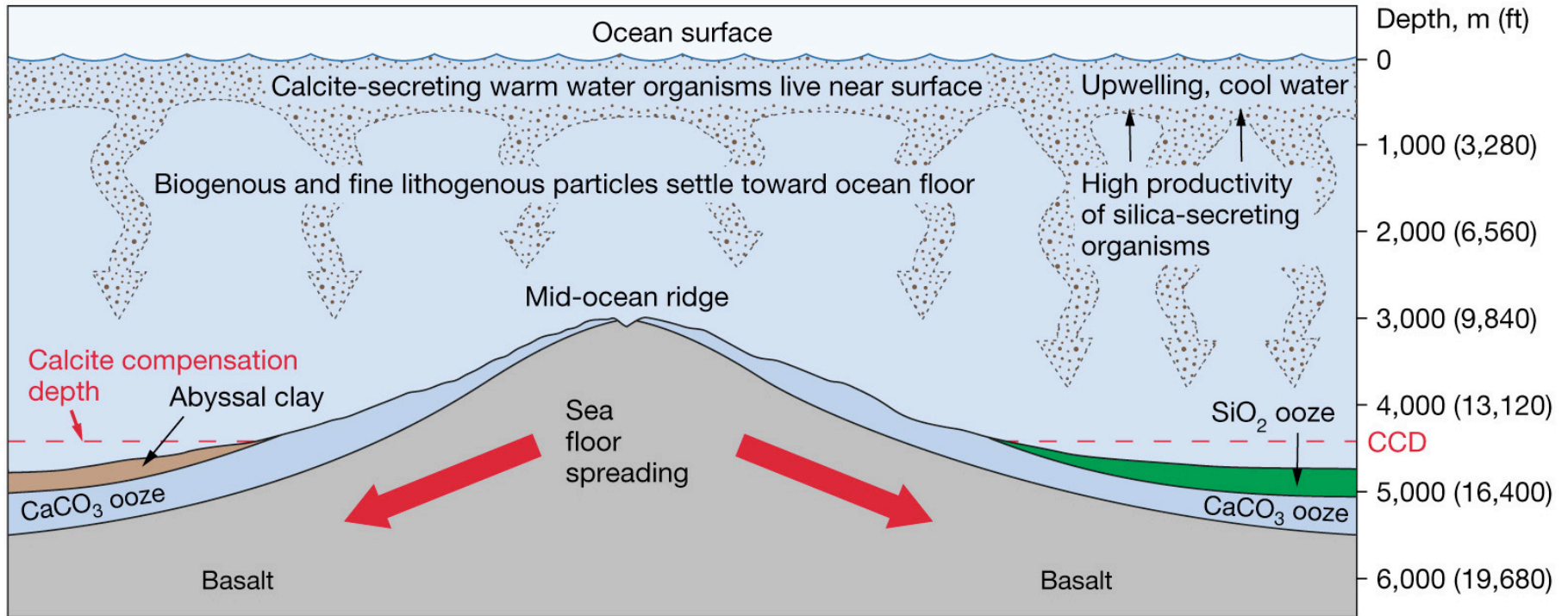
Carbonate



Common microfossils in biogenic oozes. (b) Foraminifera

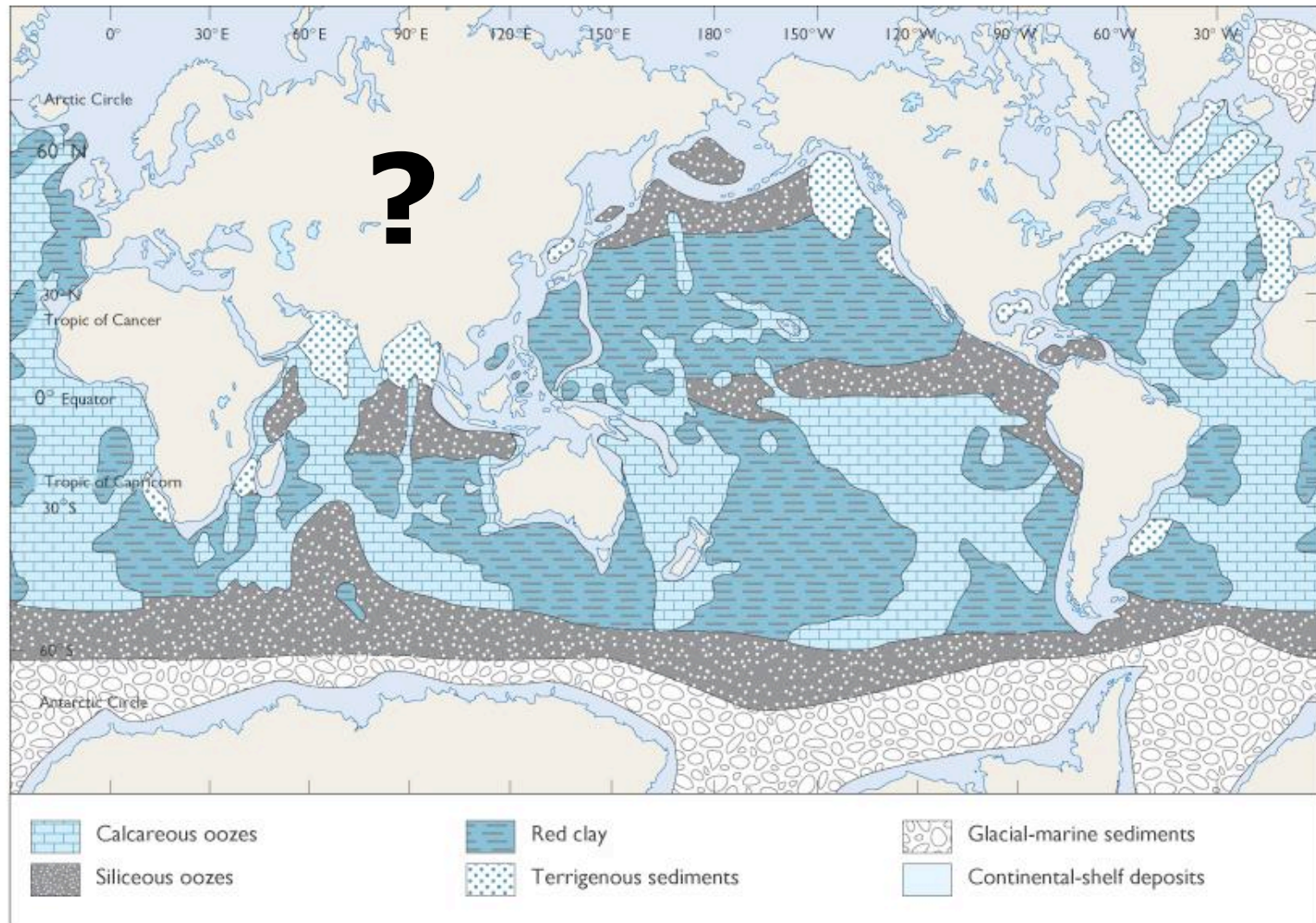


# Biogenic Deposits



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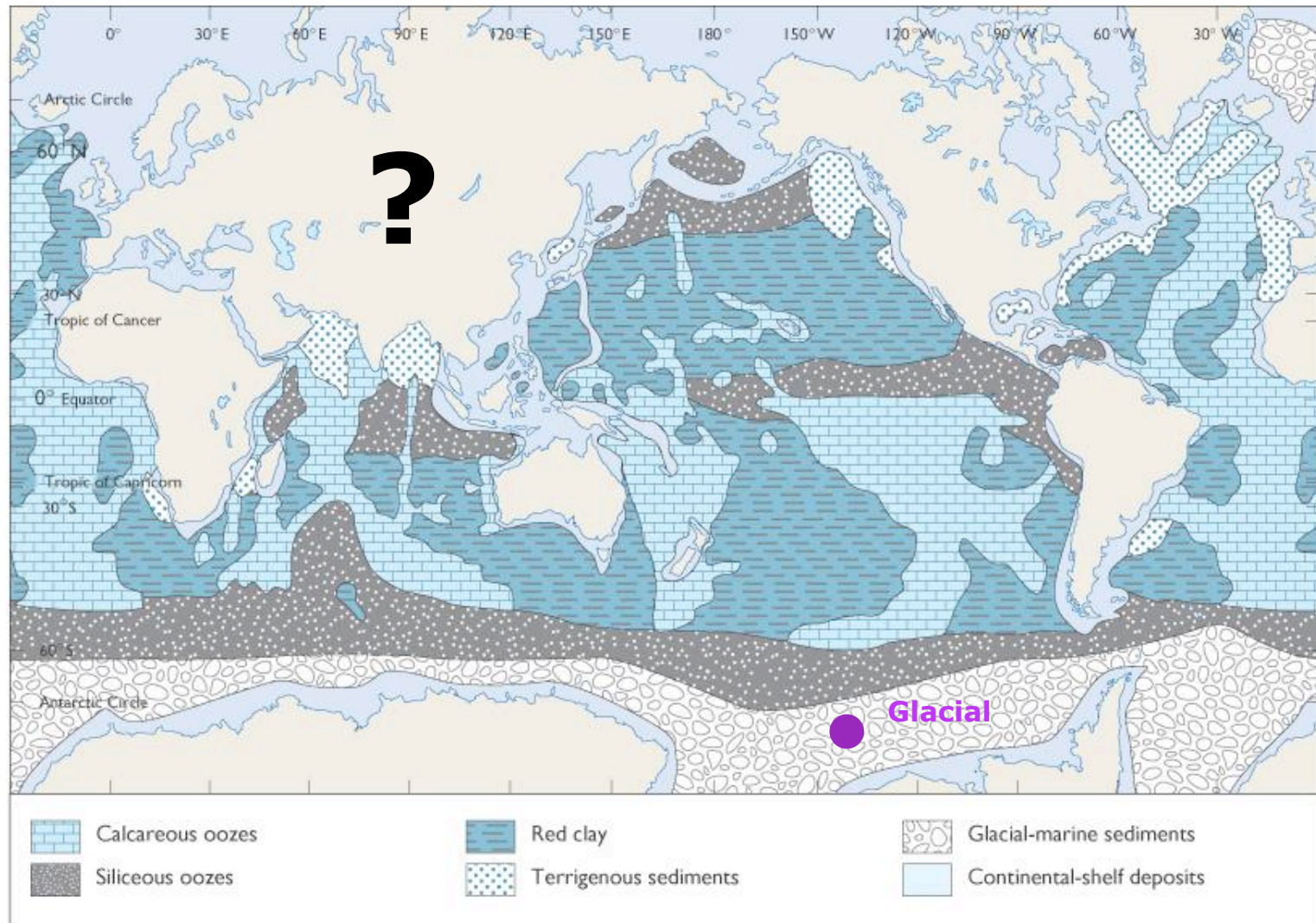
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION



# Marine Sedimentation



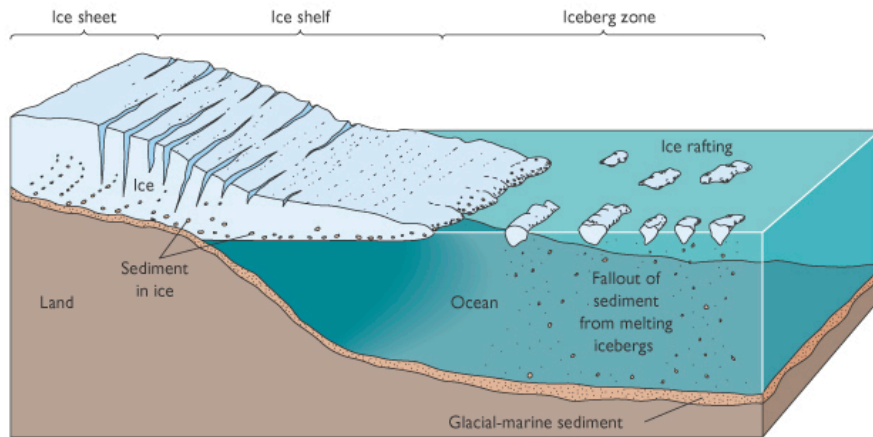
(a) DEEP-SEA SEDIMENT DISTRIBUTION



tion

# Glacial Deposits & Ice Rafting

- (a) Glaciers extend into the ocean and disintegrate into icebergs
- (b) Ice rafting has created a glacial-marine sediment band around Antarctica.



Calcareous oozes

Siliceous oozes

Red clay

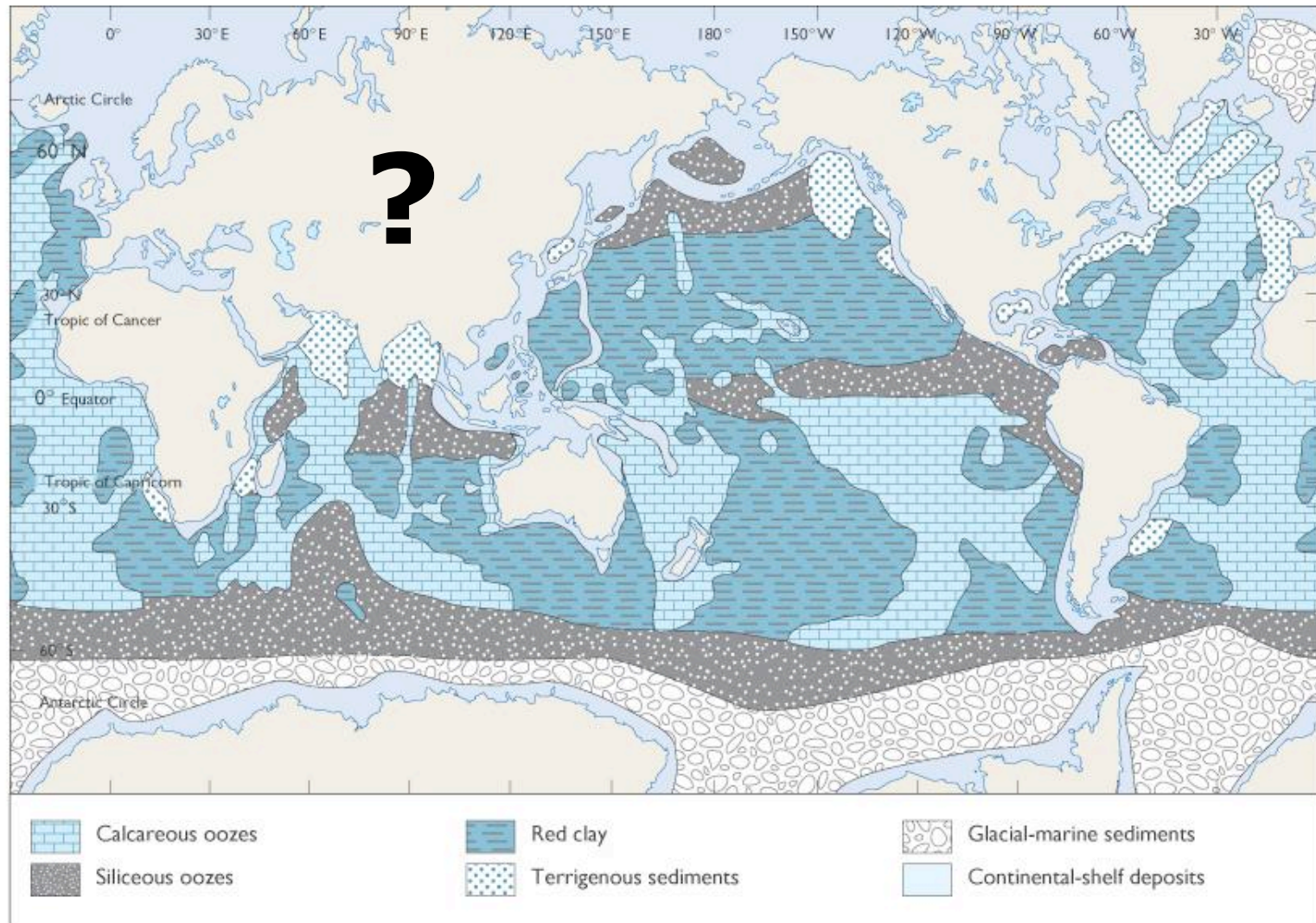
Terrigenous sediments

Glacial-marine sediments

Continental-shelf deposits

(a) DEEP-SEA SEDIMENT DISTRIBUTION

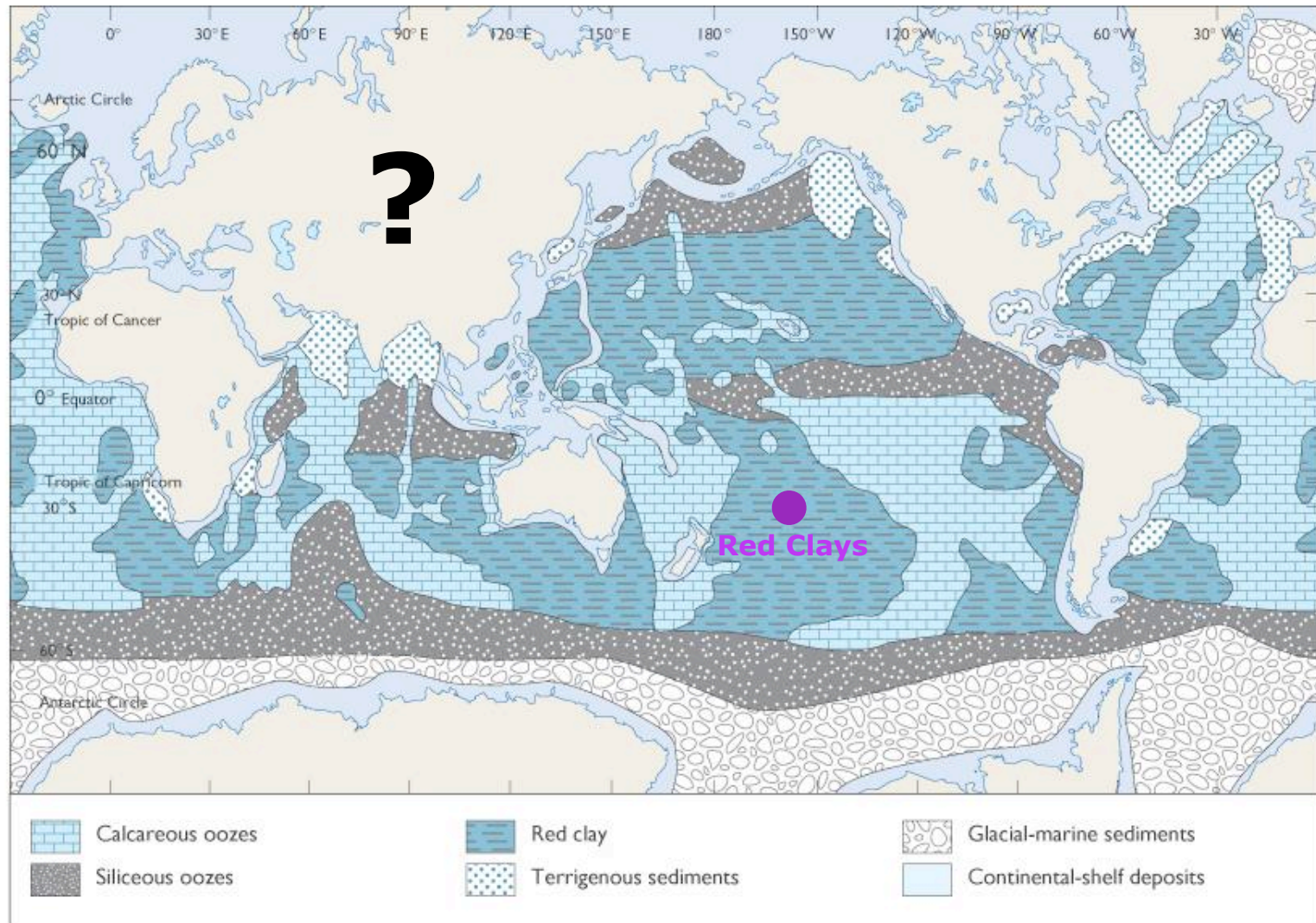
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

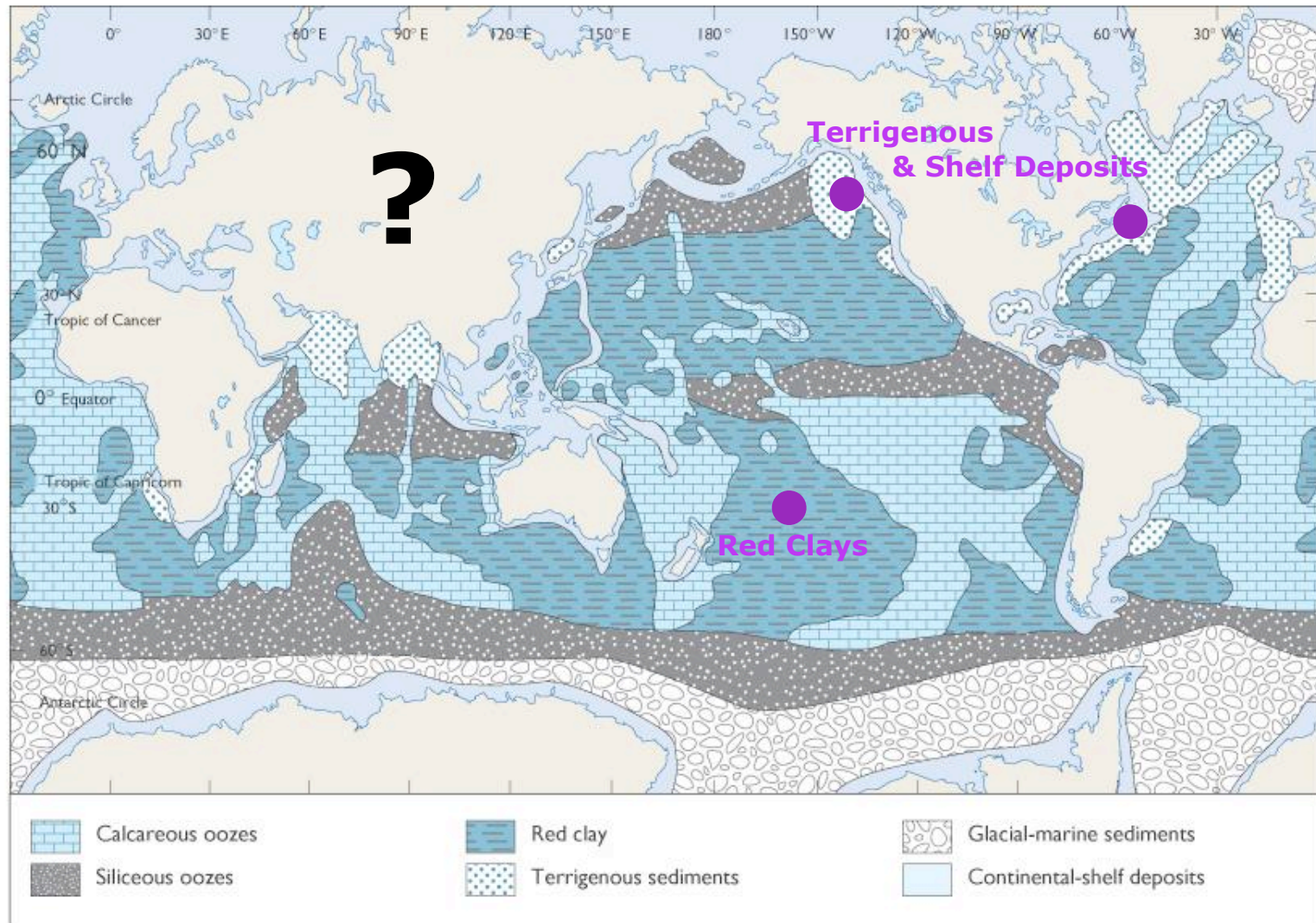


# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

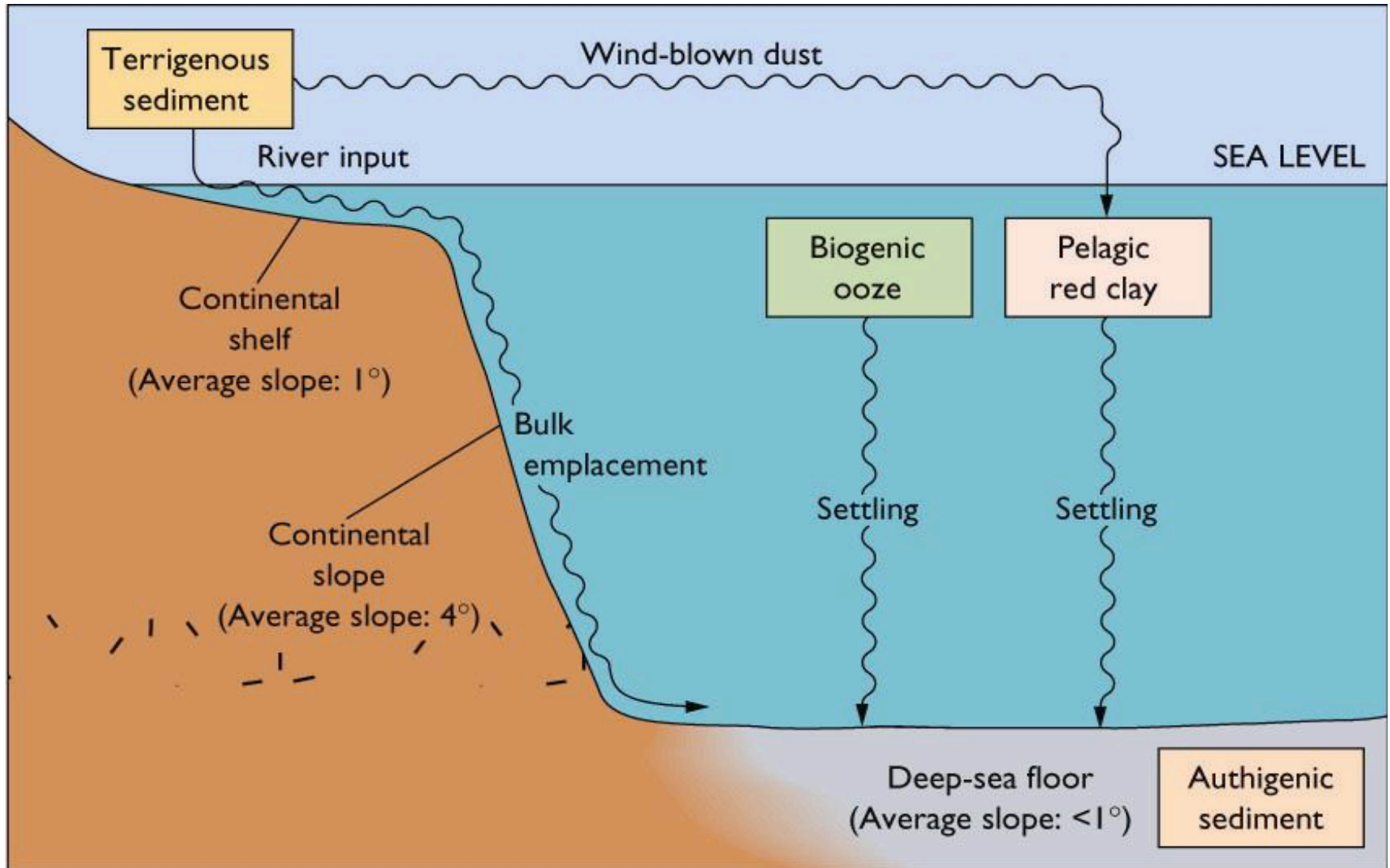
# Marine Sedimentation



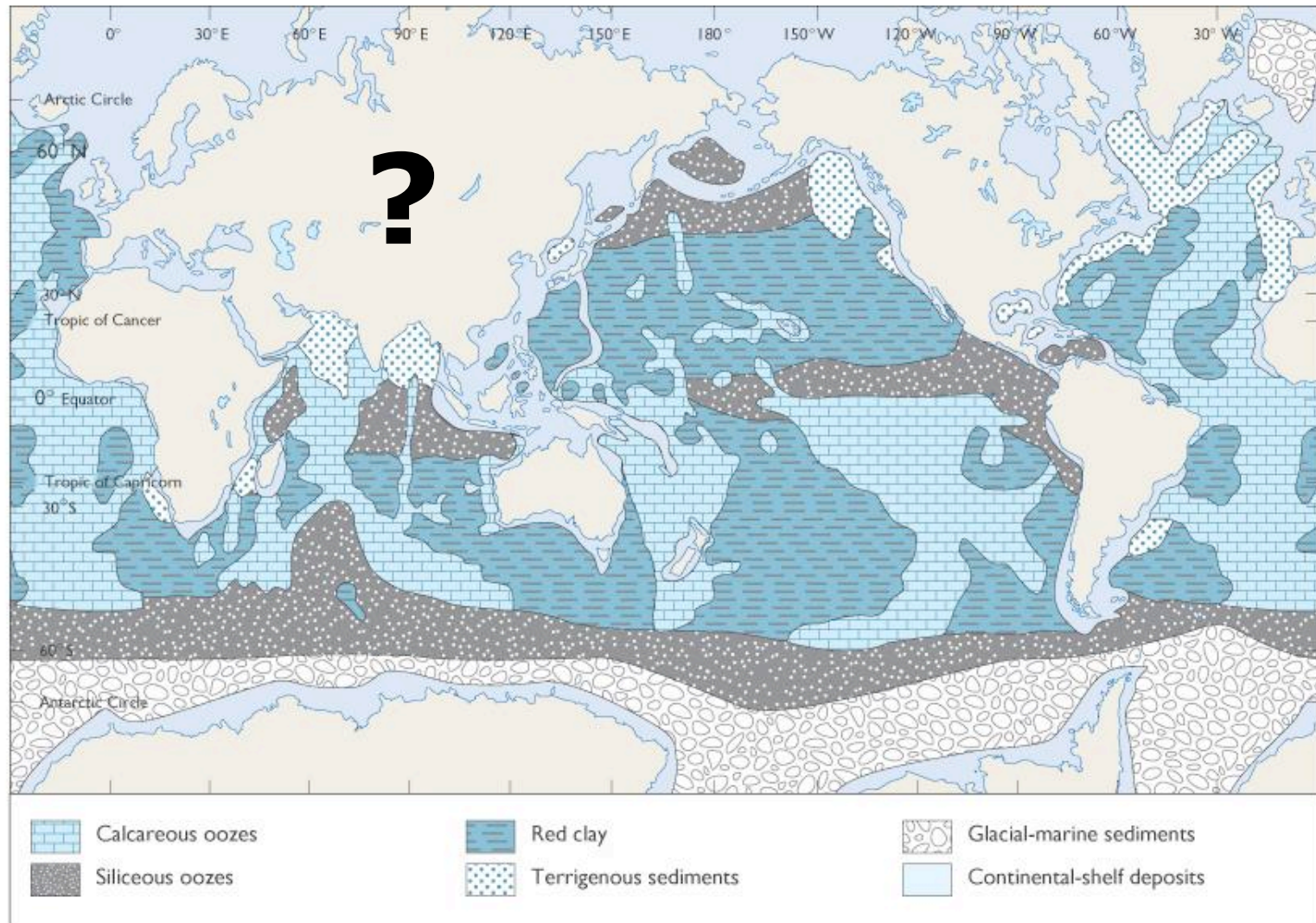
(a) DEEP-SEA SEDIMENT DISTRIBUTION



# Schematic of processes shaping the structure of marine sediments



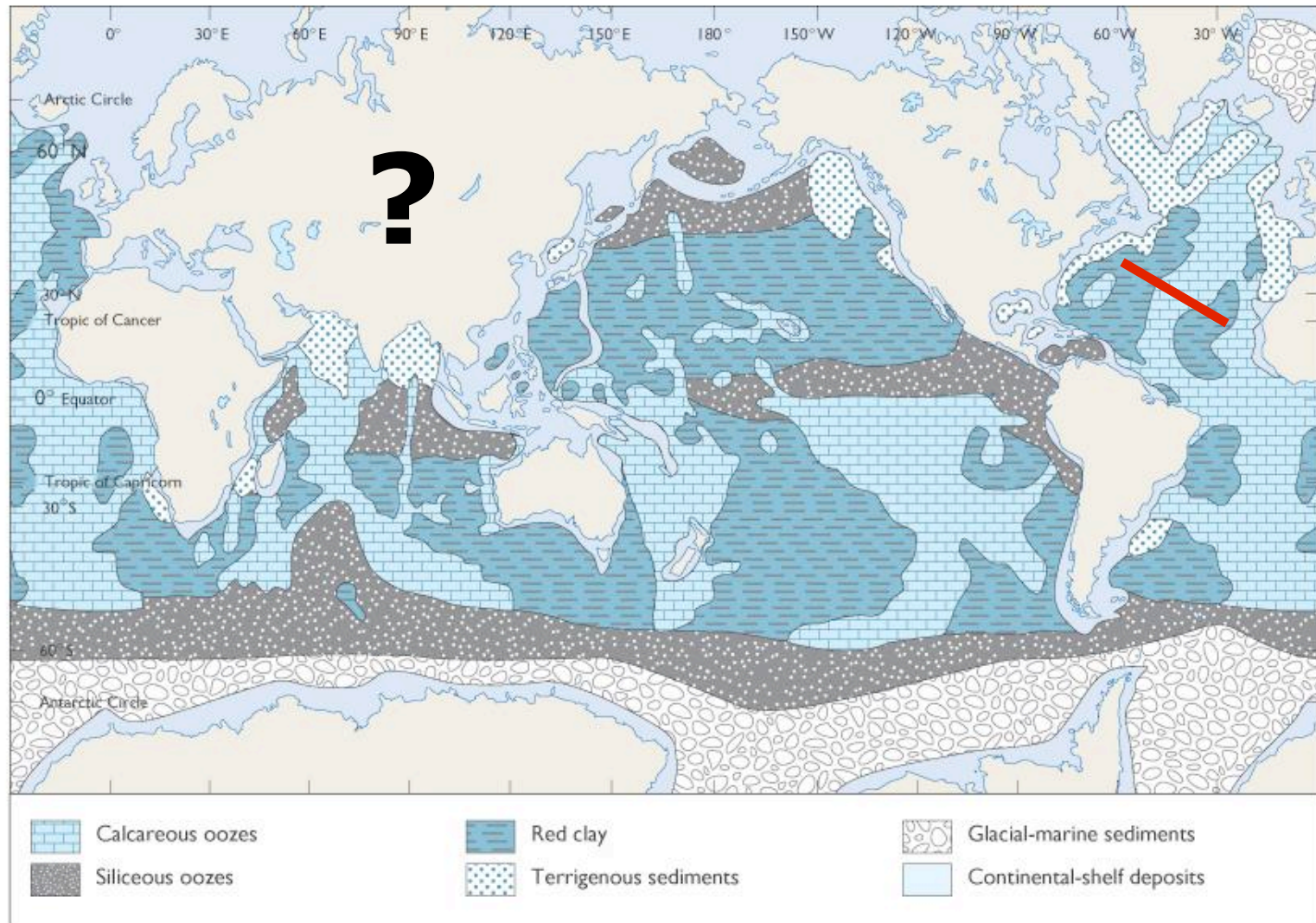
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION



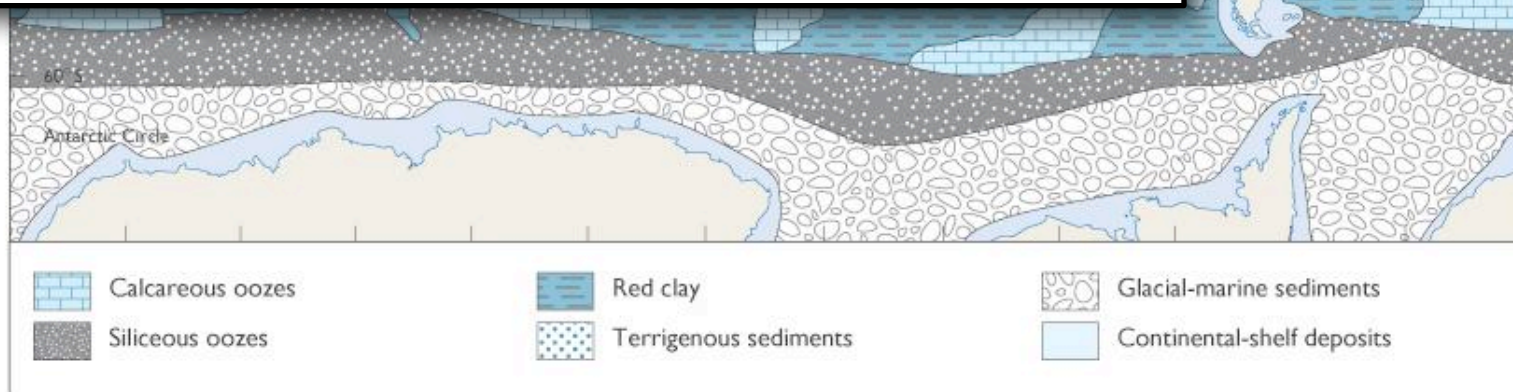
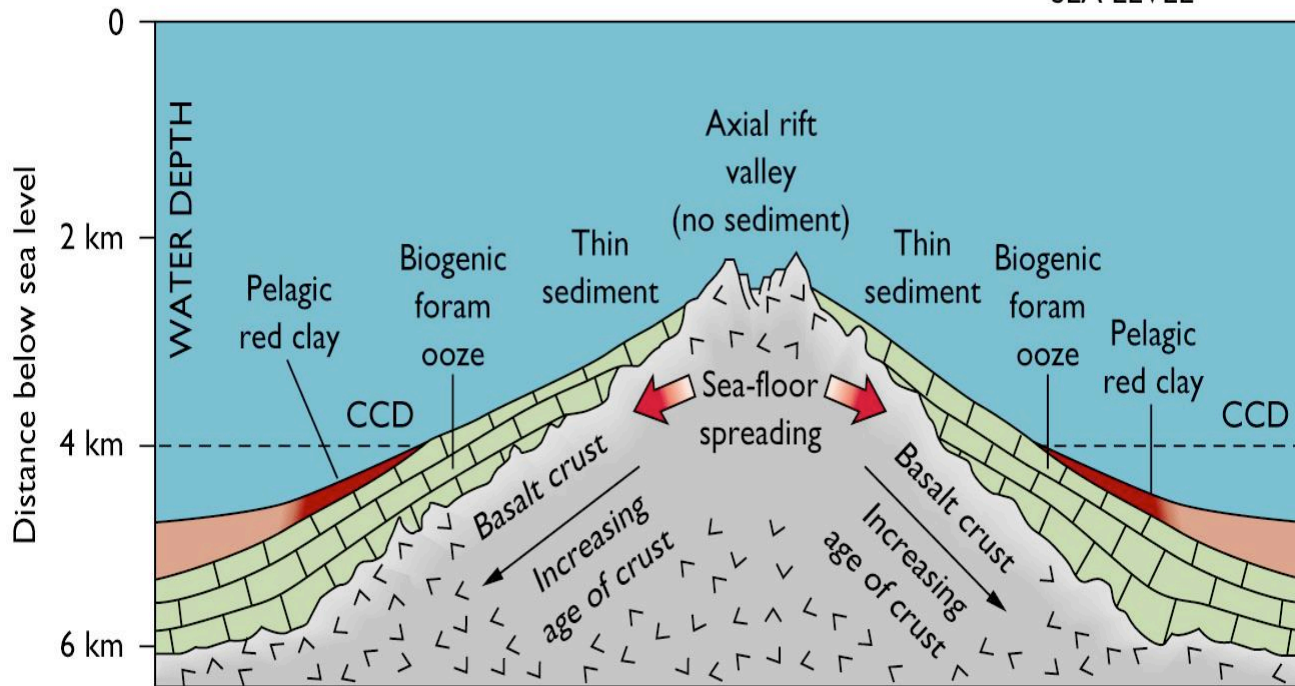
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

# Deep-sea stratigraphy

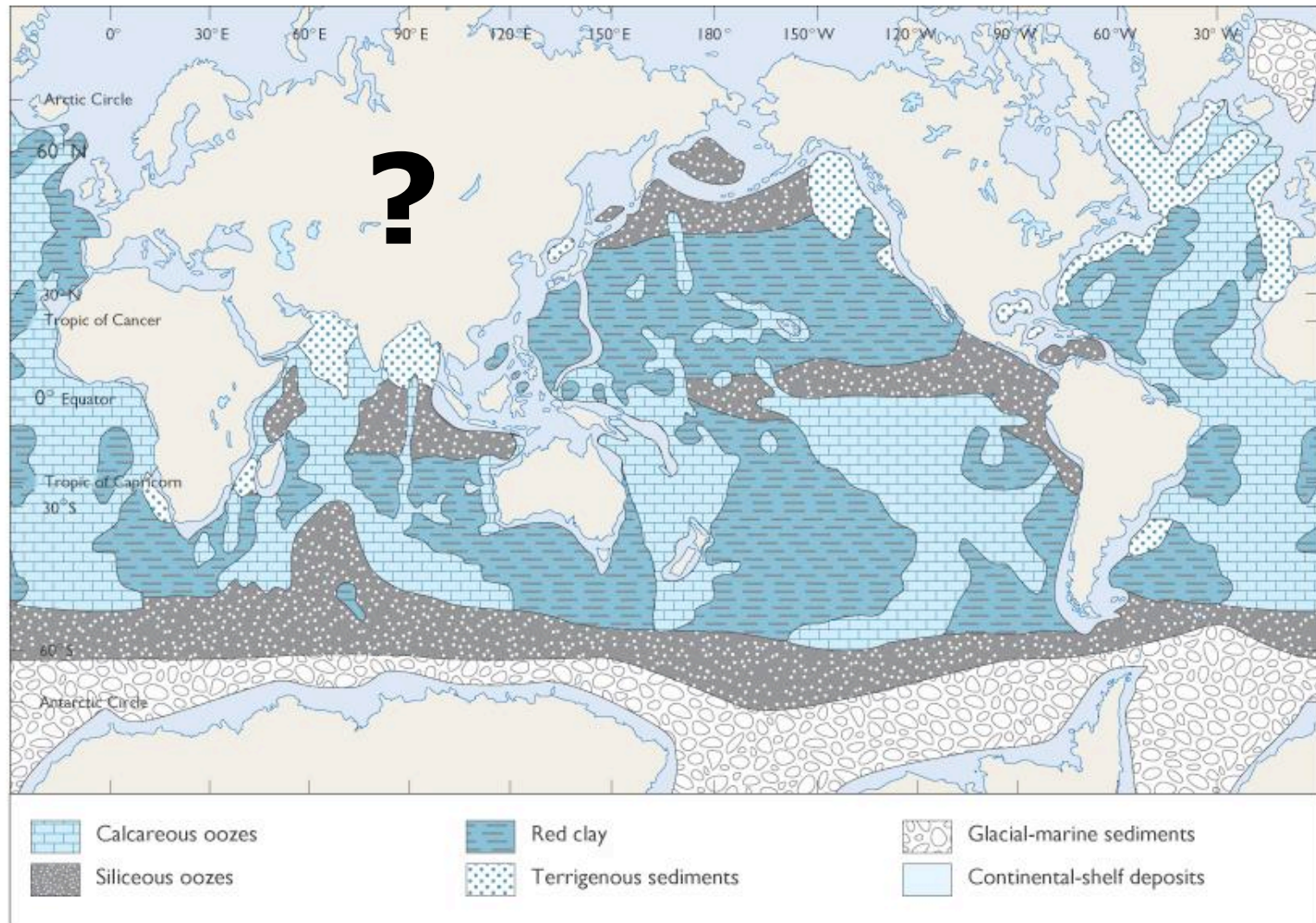
SEA LEVEL



(a) DEEP-SEA SEDIMENT DISTRIBUTION

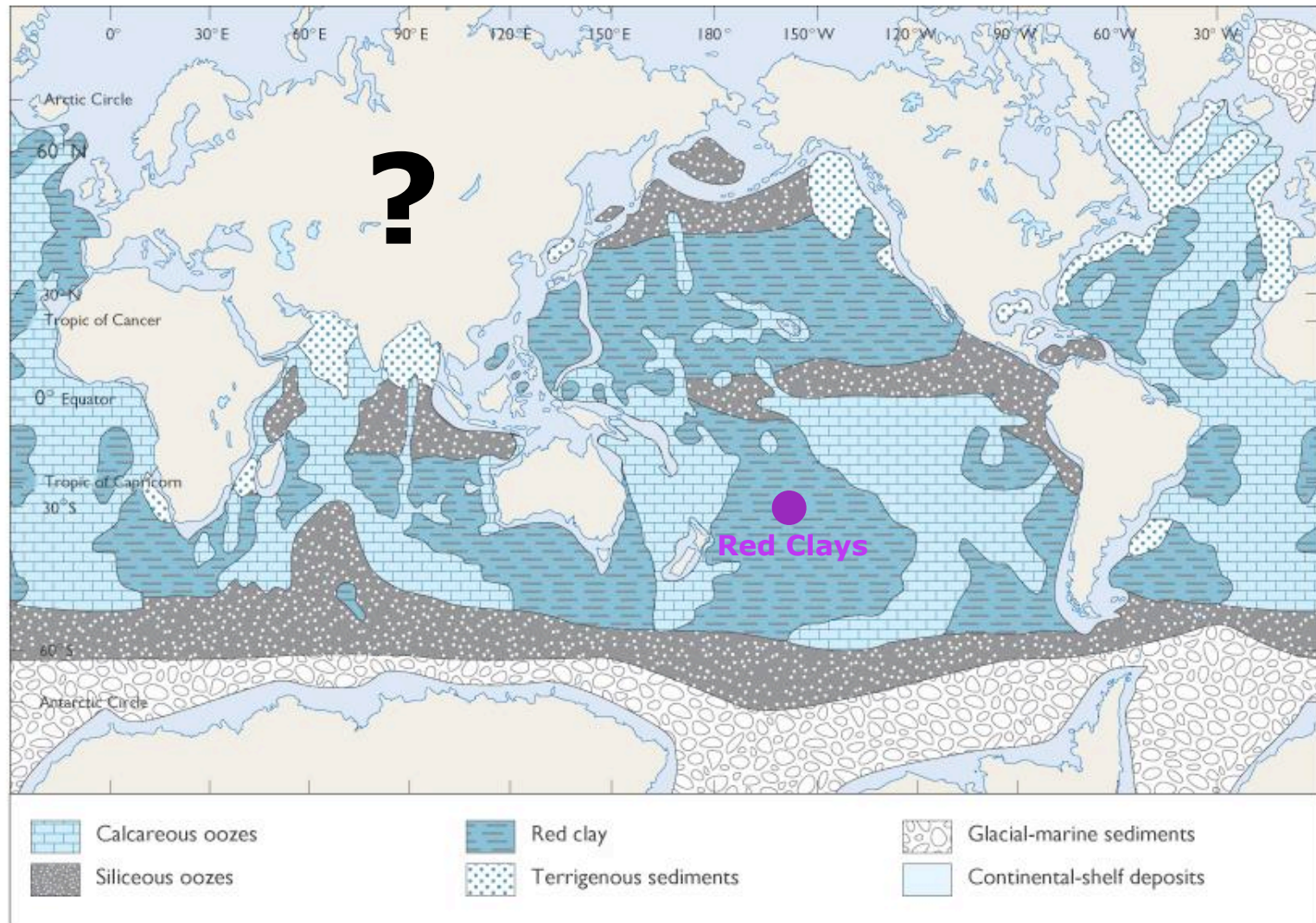


# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

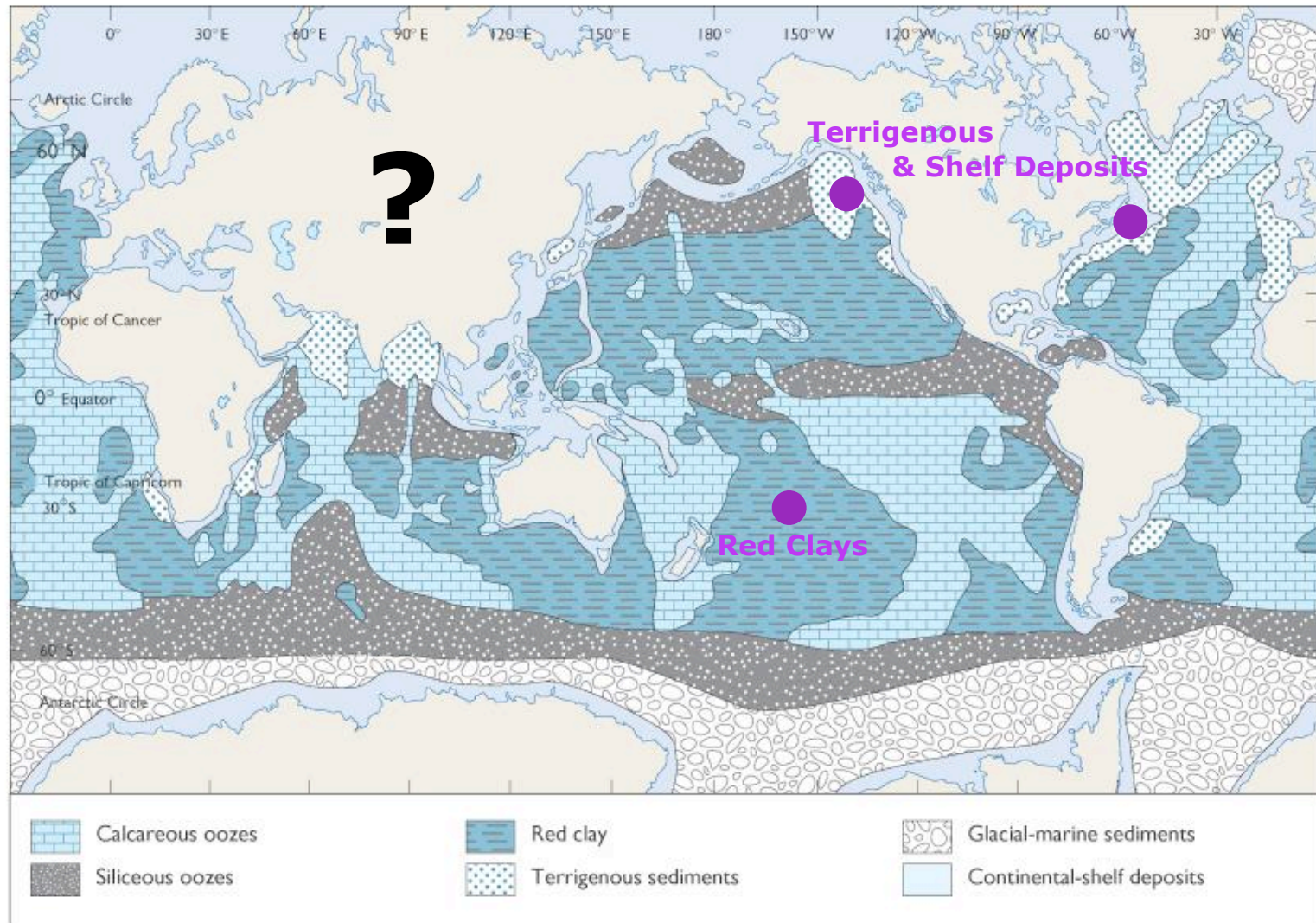
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

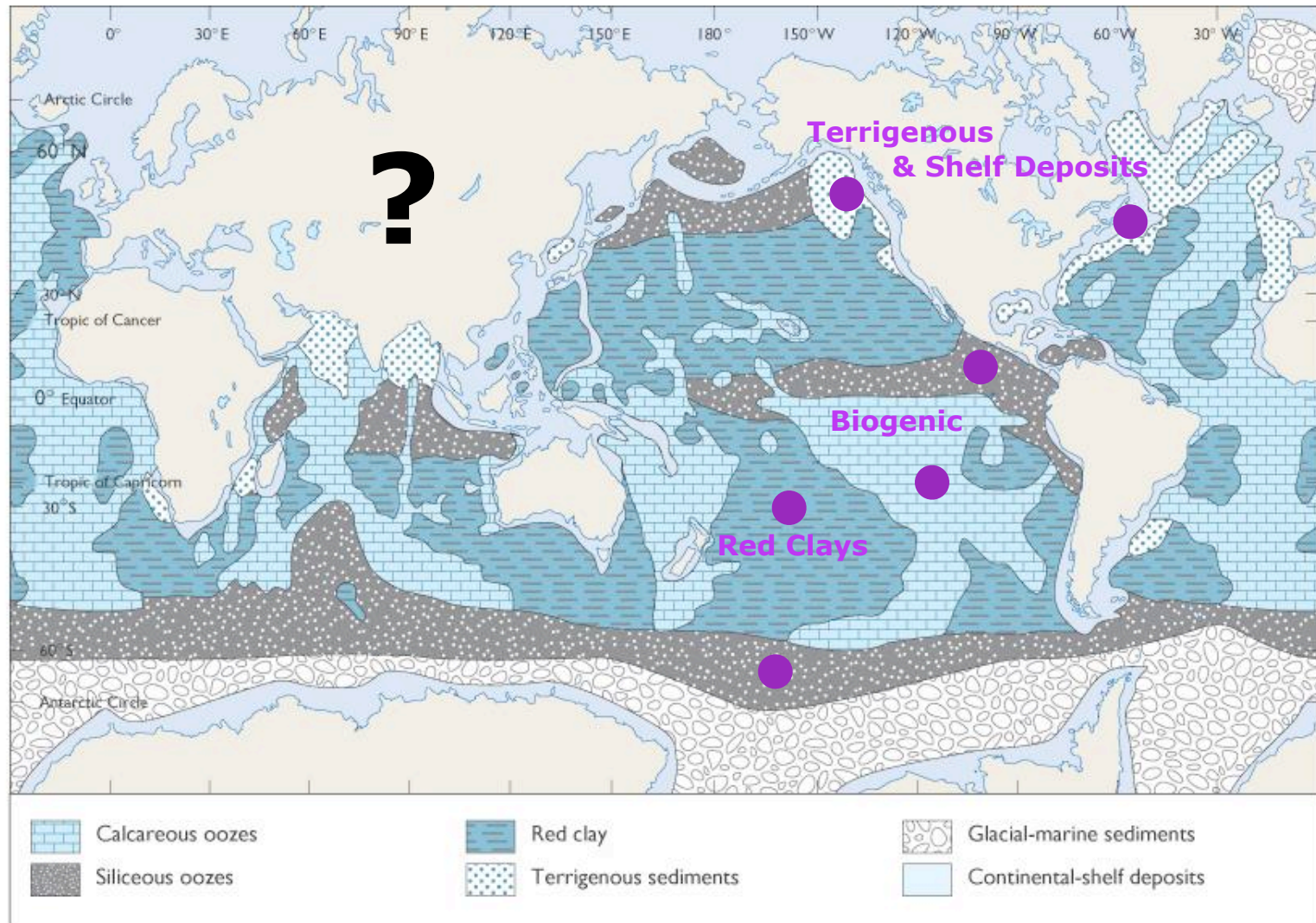


# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION

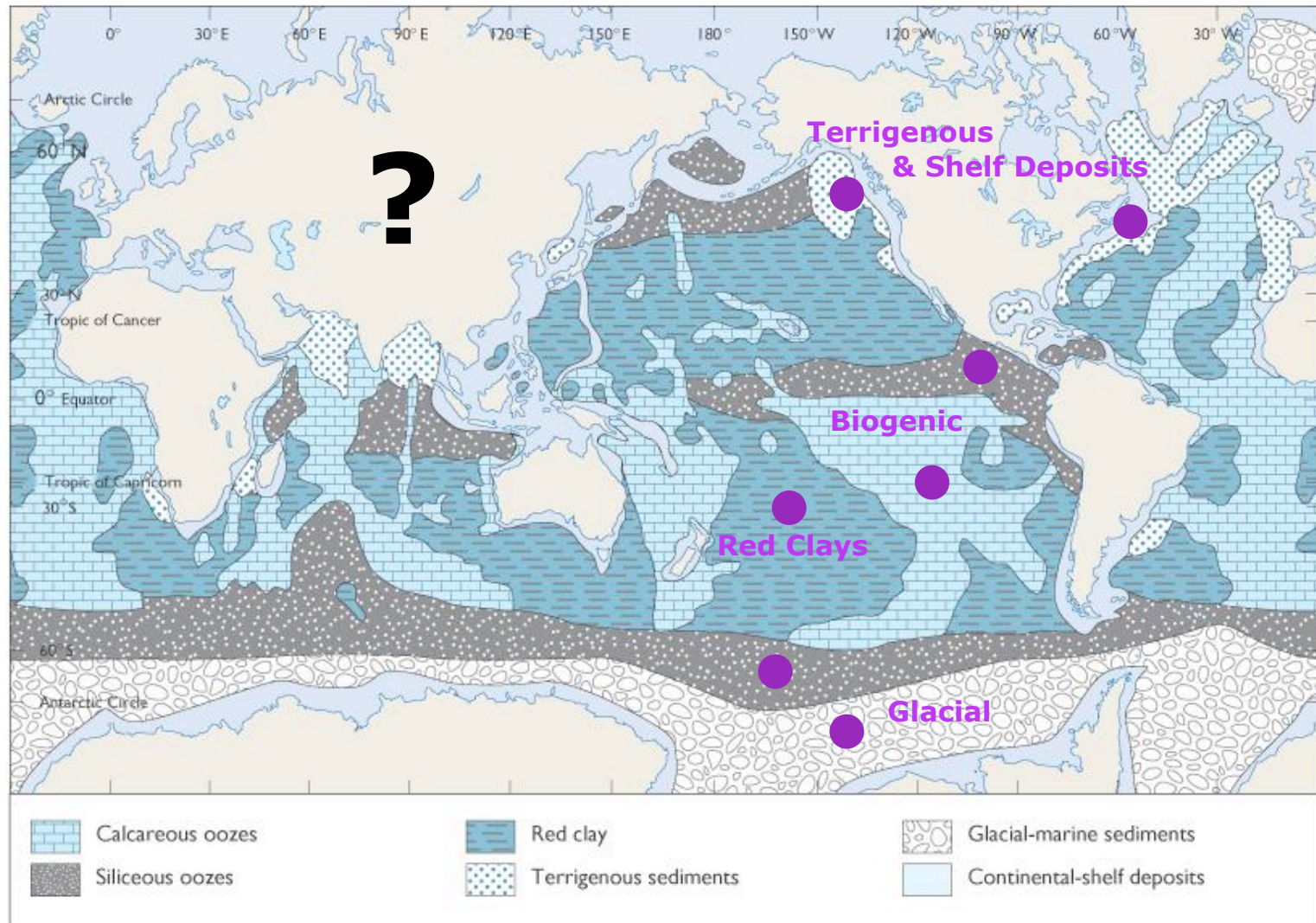
# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION



# Marine Sedimentation



(a) DEEP-SEA SEDIMENT DISTRIBUTION