

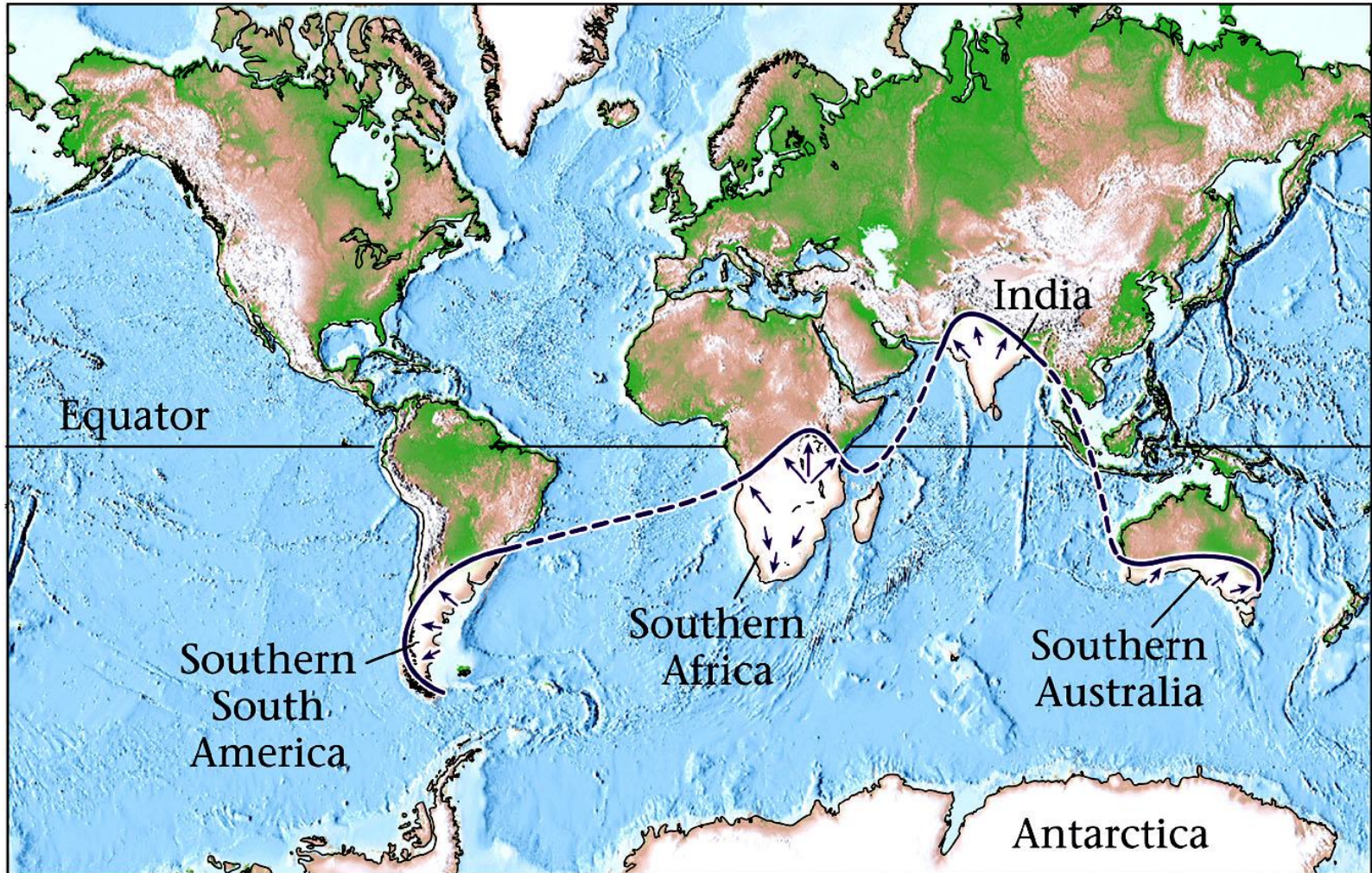
Continental Drift



Alfred Wegener and the theory of Continental Drift

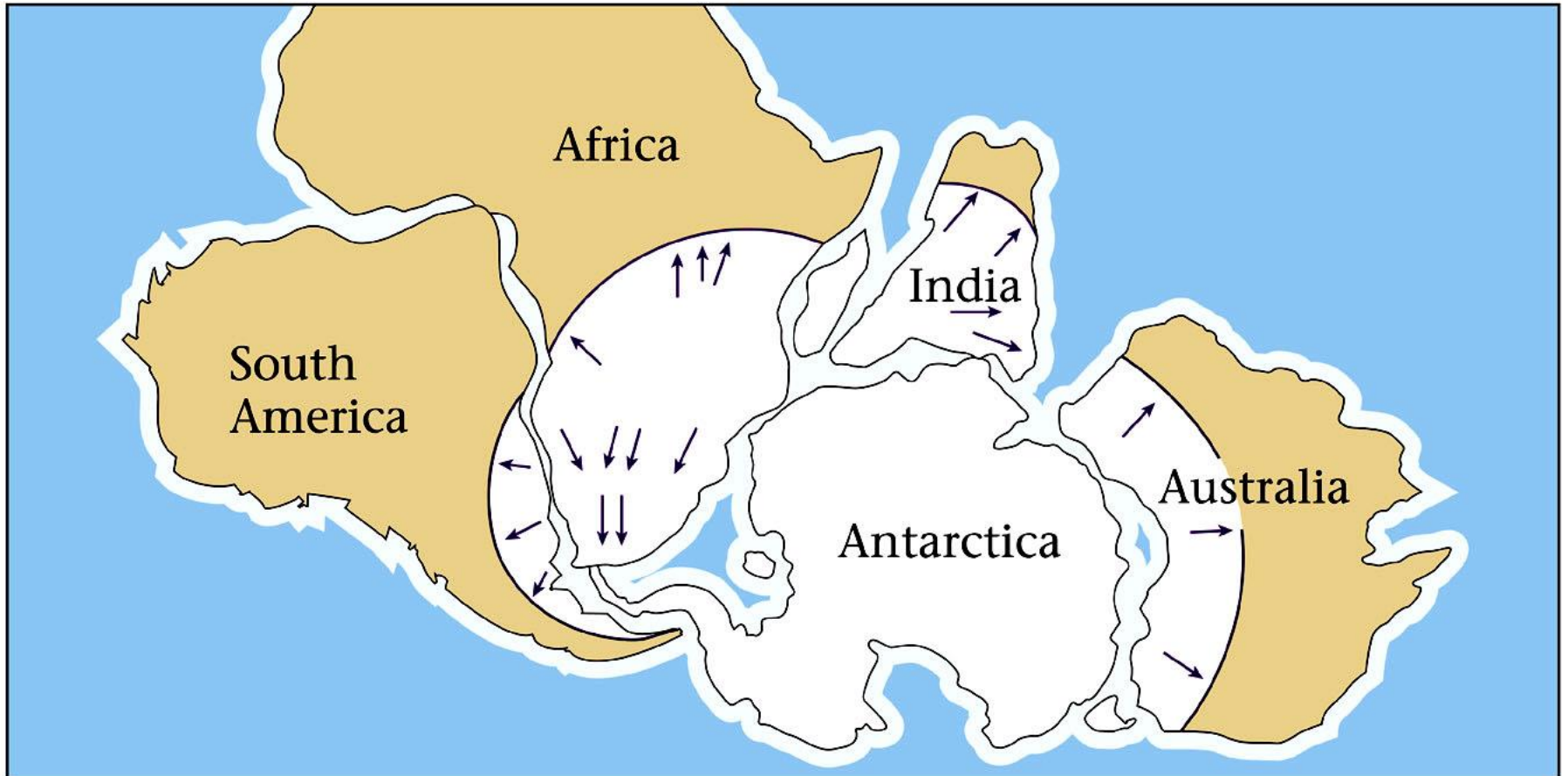


Glaciation 180 million years ago

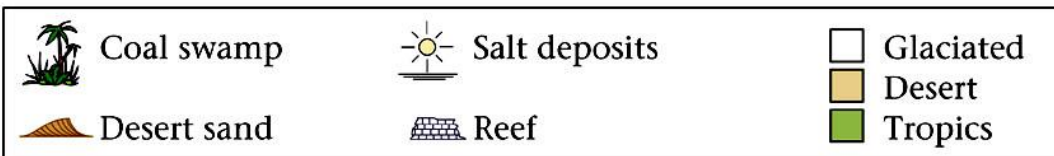
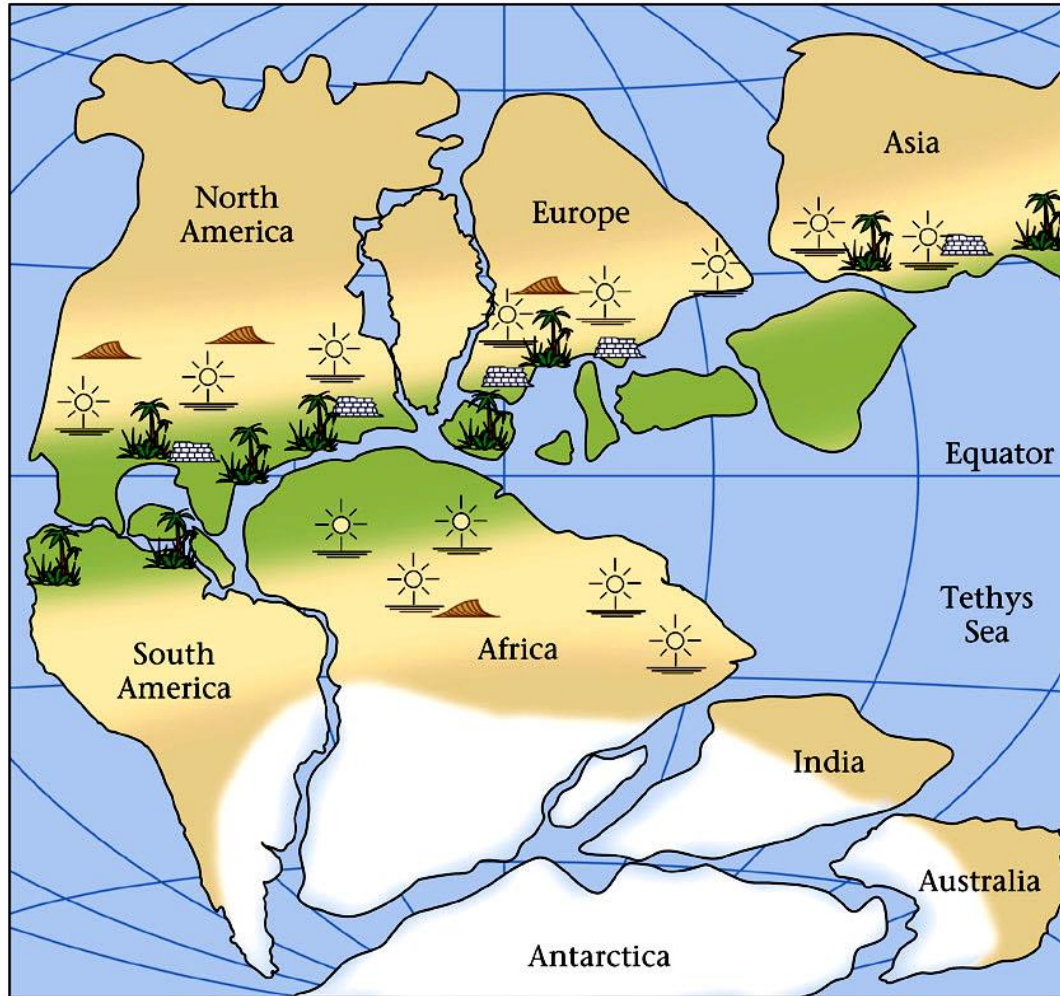


(a)

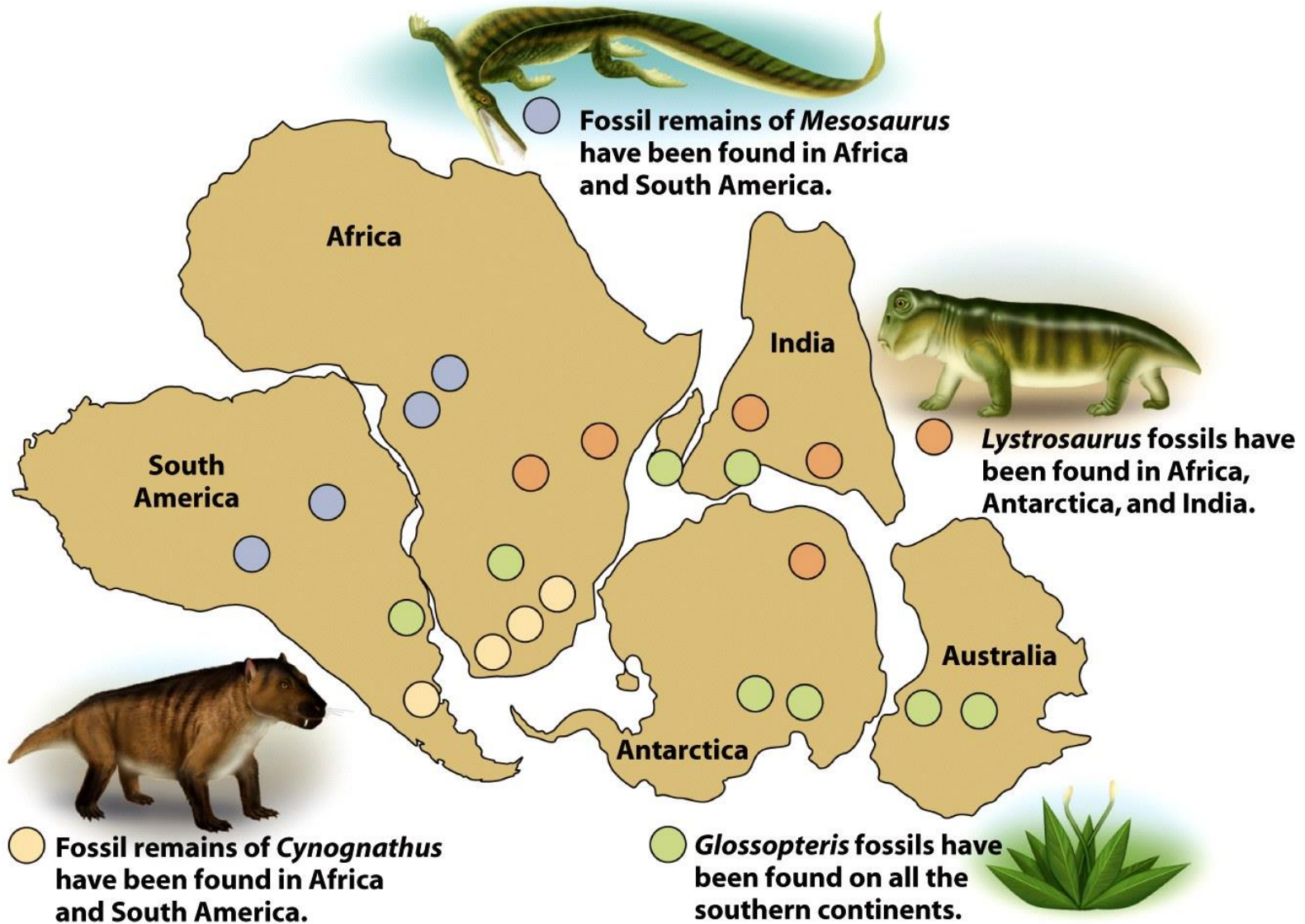
Gondwanaland glaciation



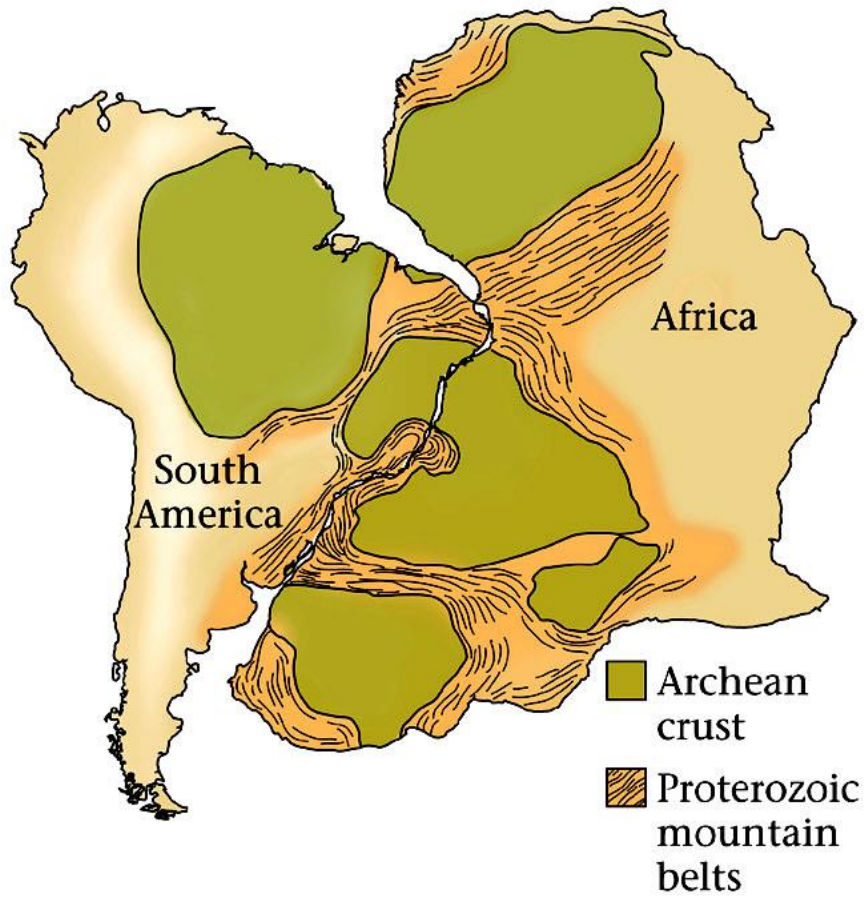
Equatorial deposits and Continental Drift



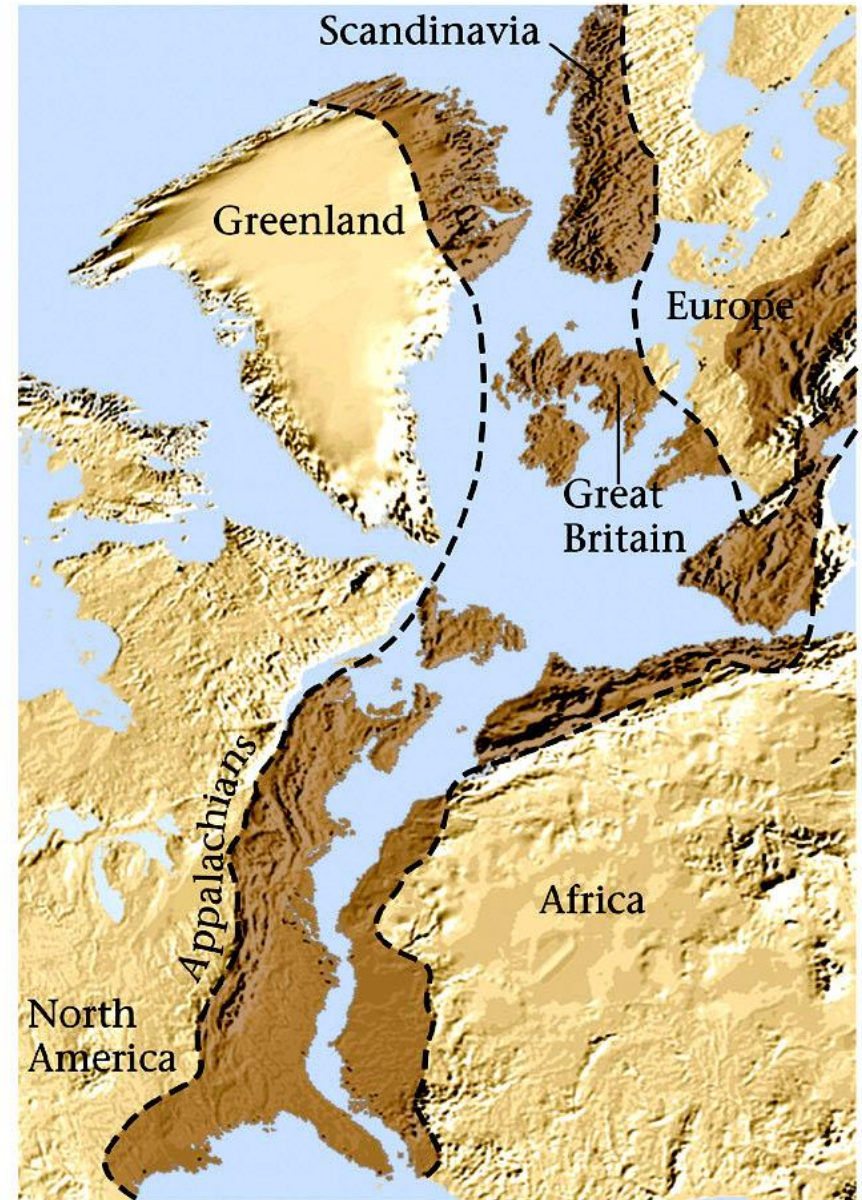
Continental Drift and the fossil record



Mountain belts and Continental Drift

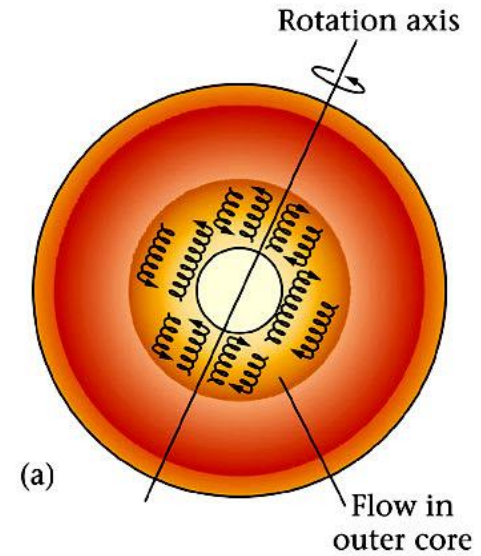
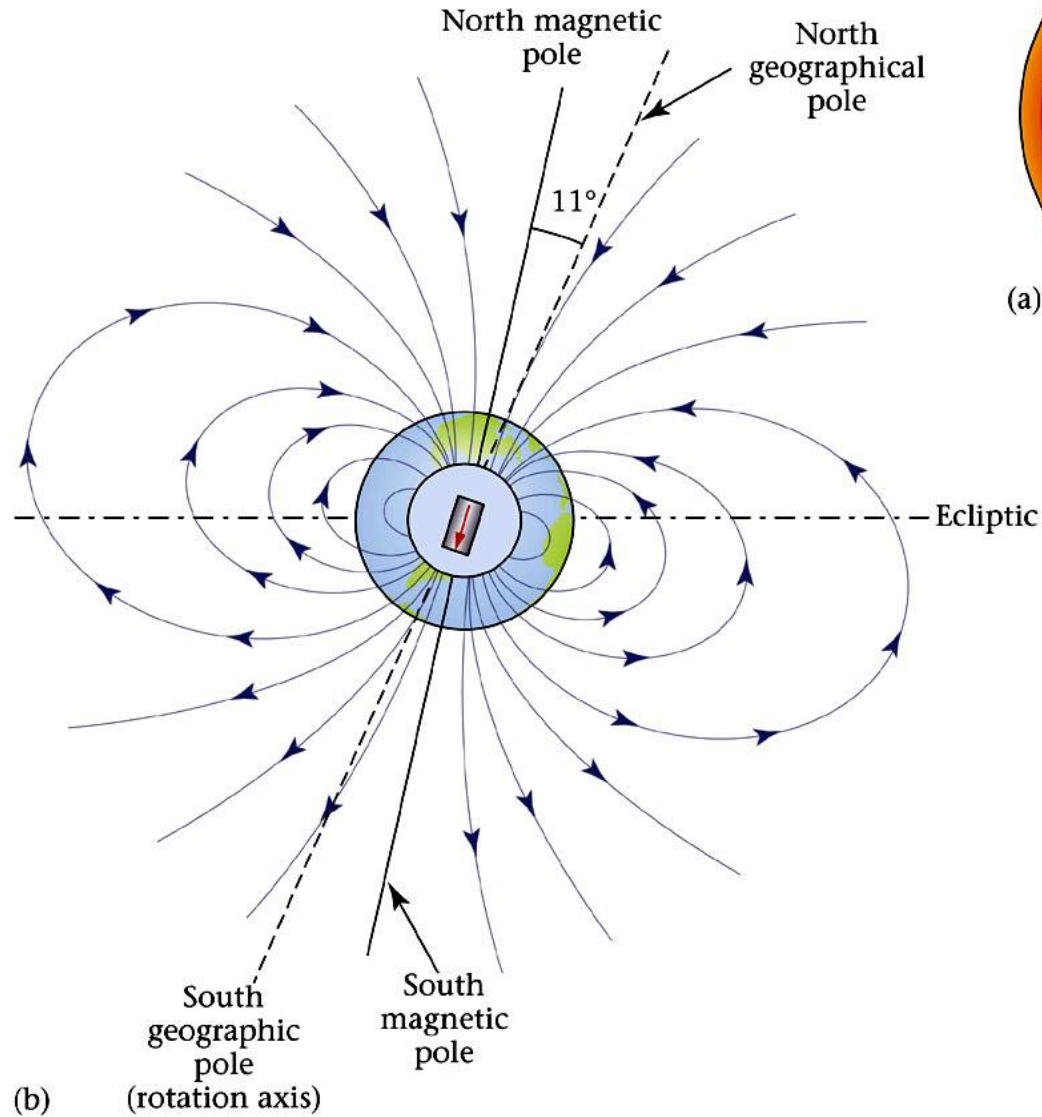


(a)

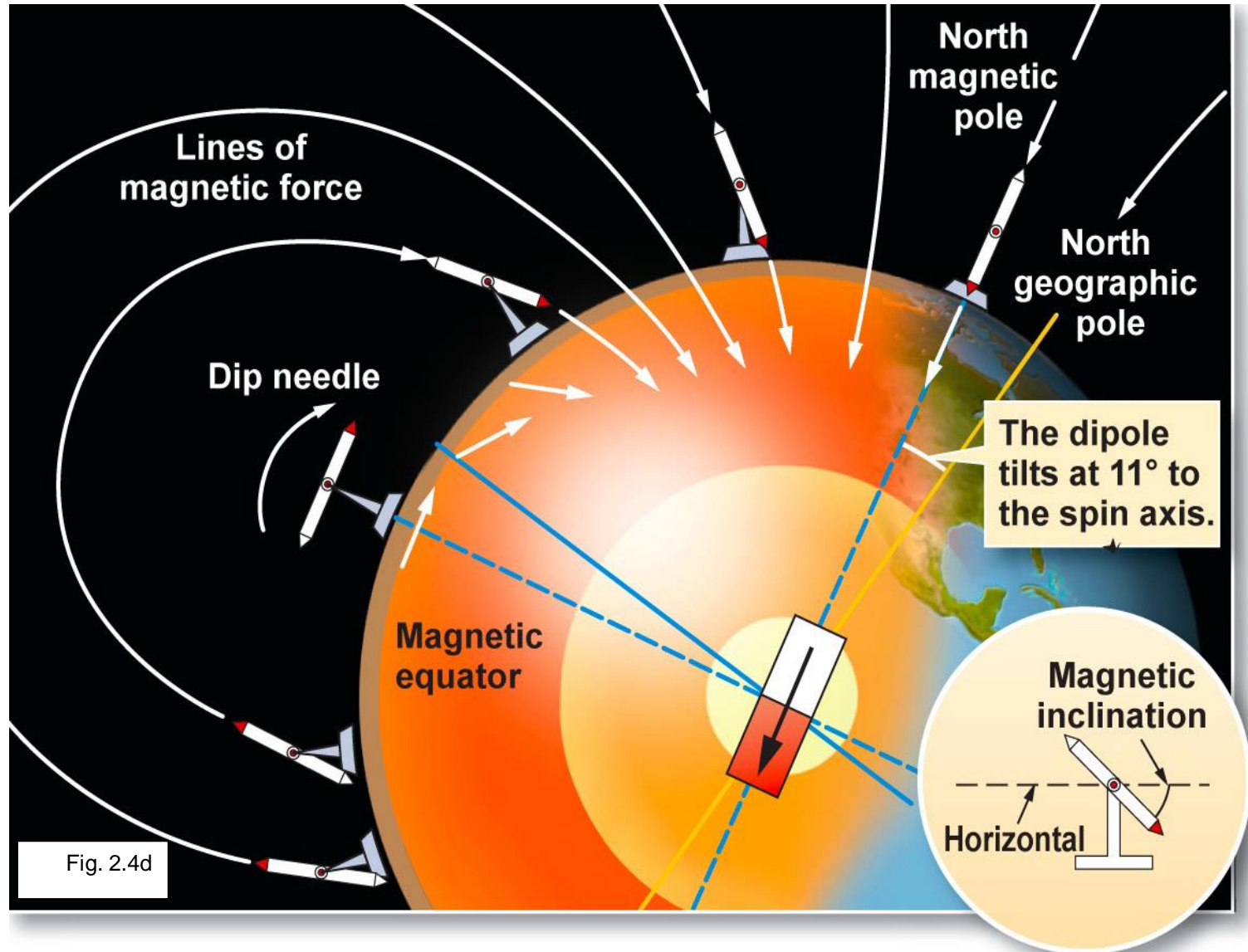


(b)

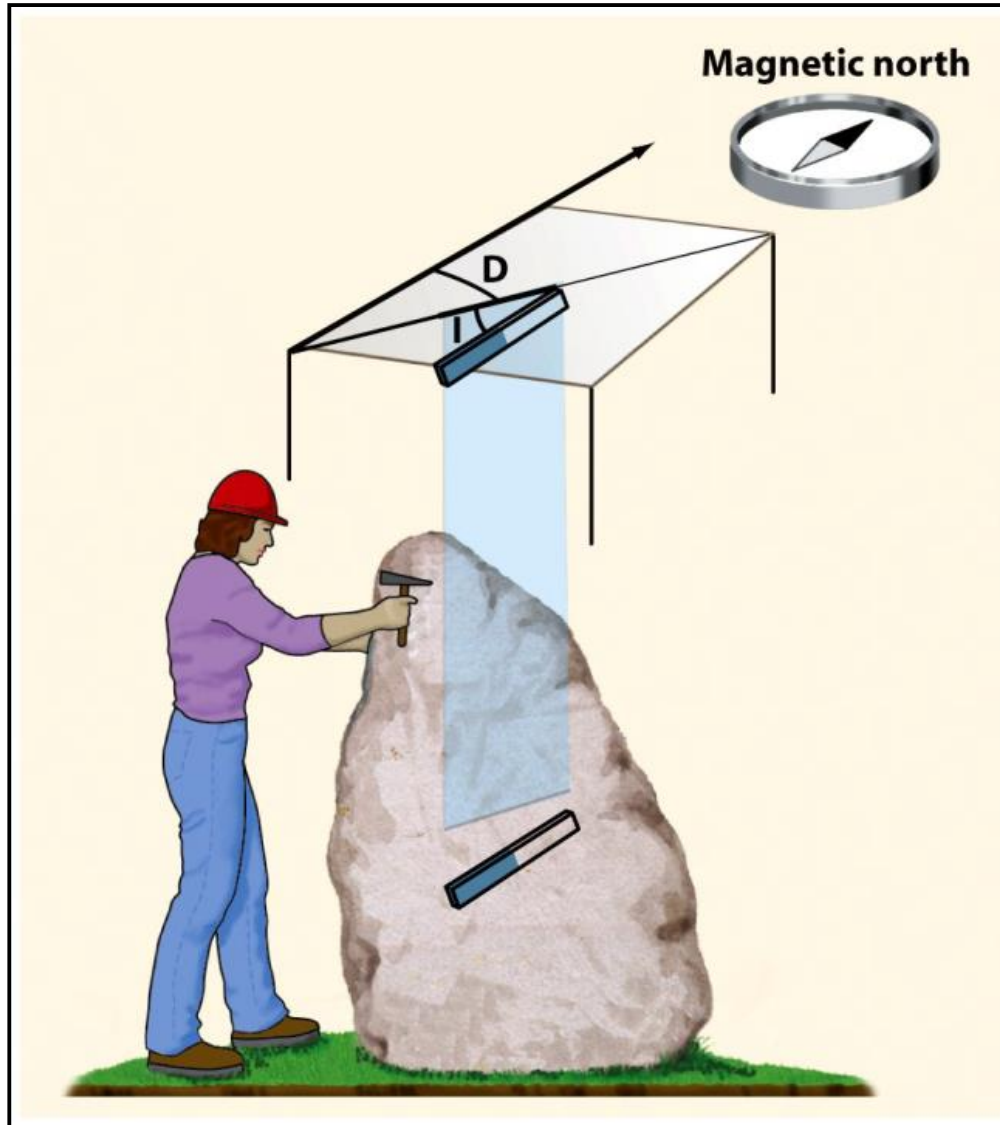
The Earth's Magnetic Field and Polar Wandering



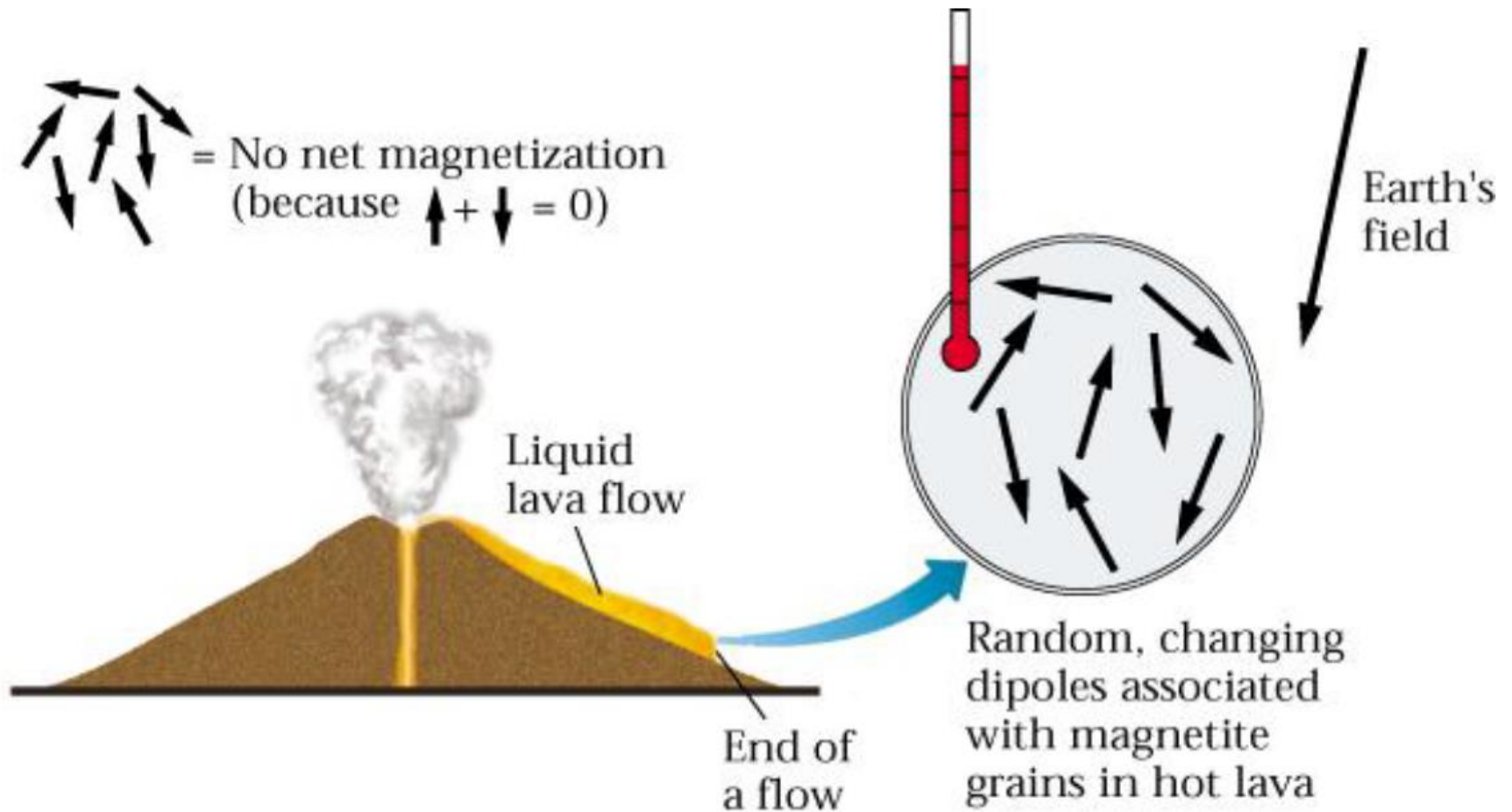
Magnetic inclination



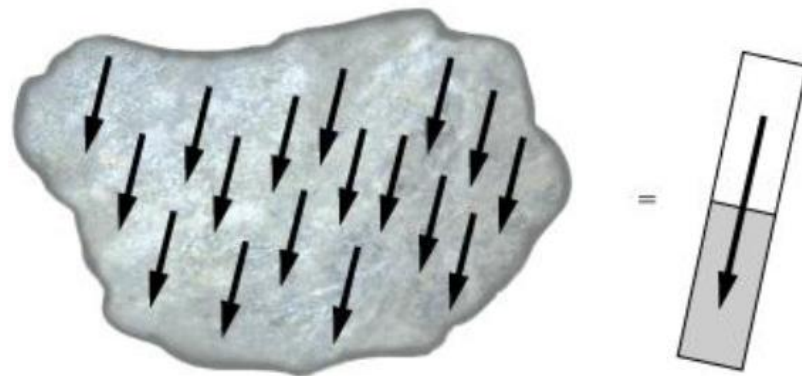
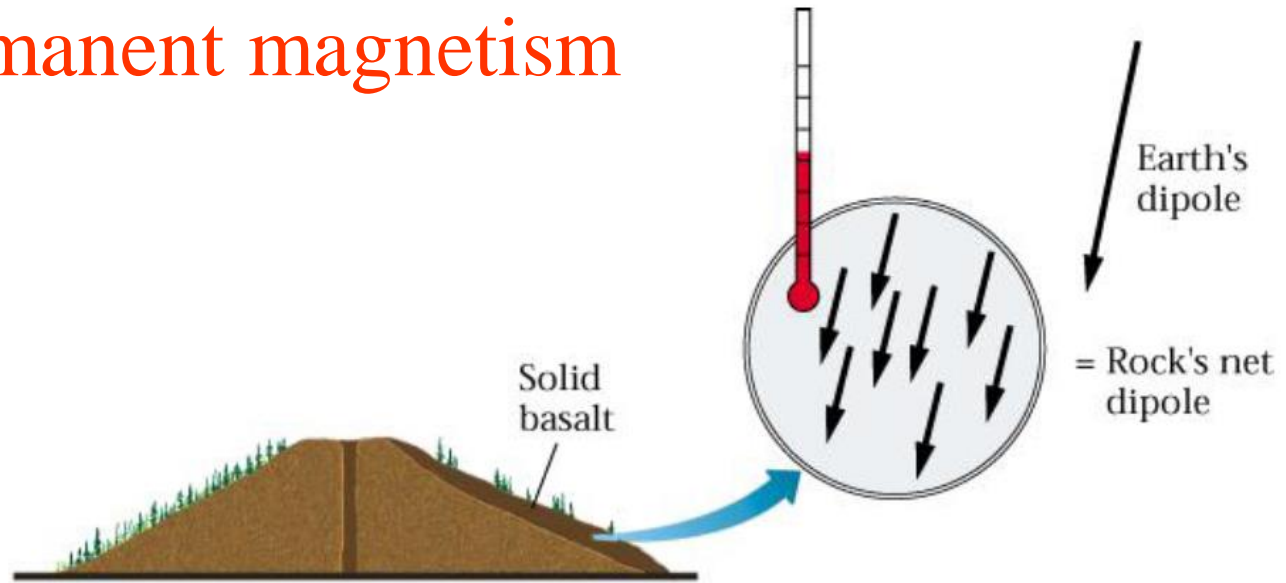
Paleomagnetism



Permanent magnetism



Permanent magnetism



Paleopole reconstruction

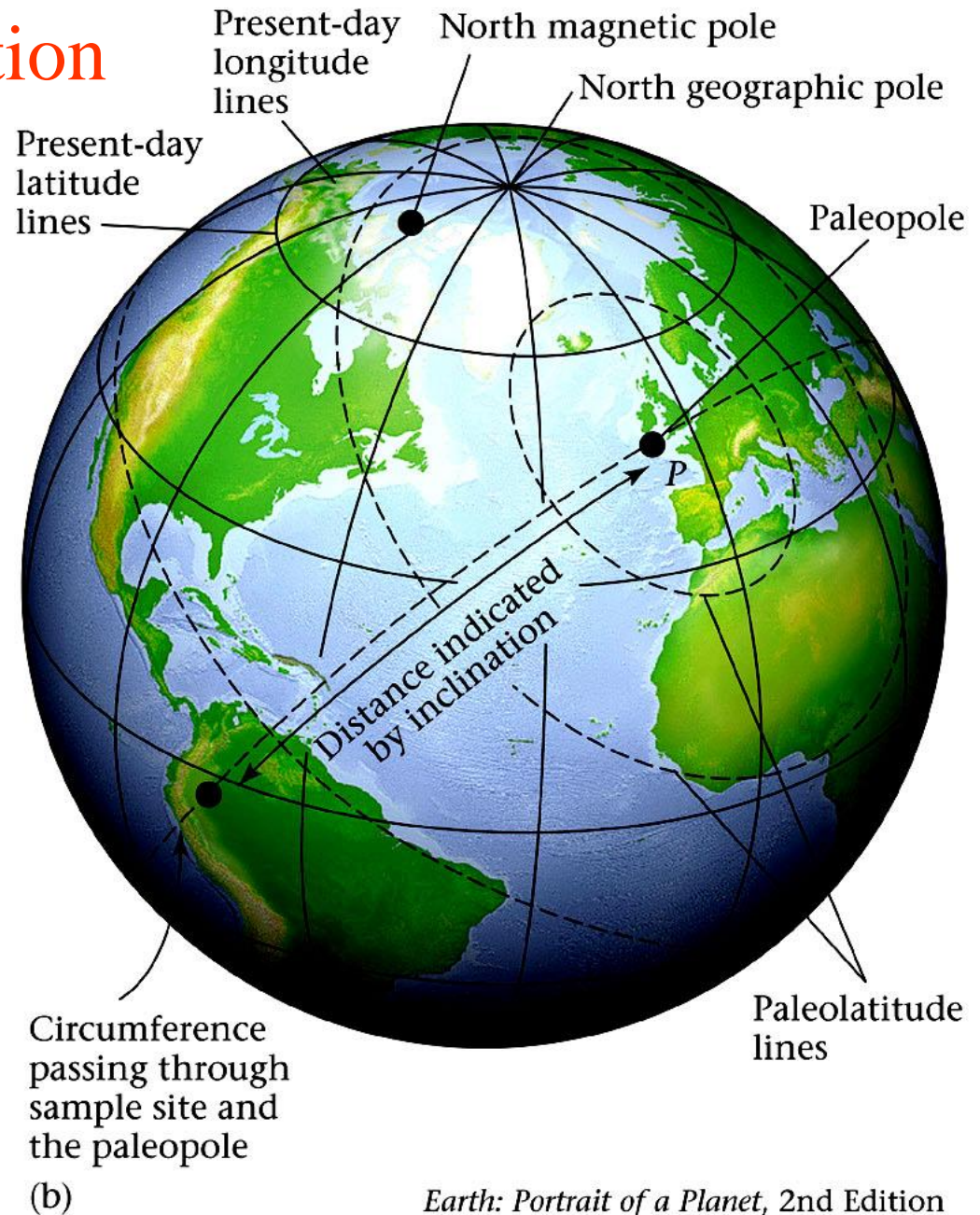
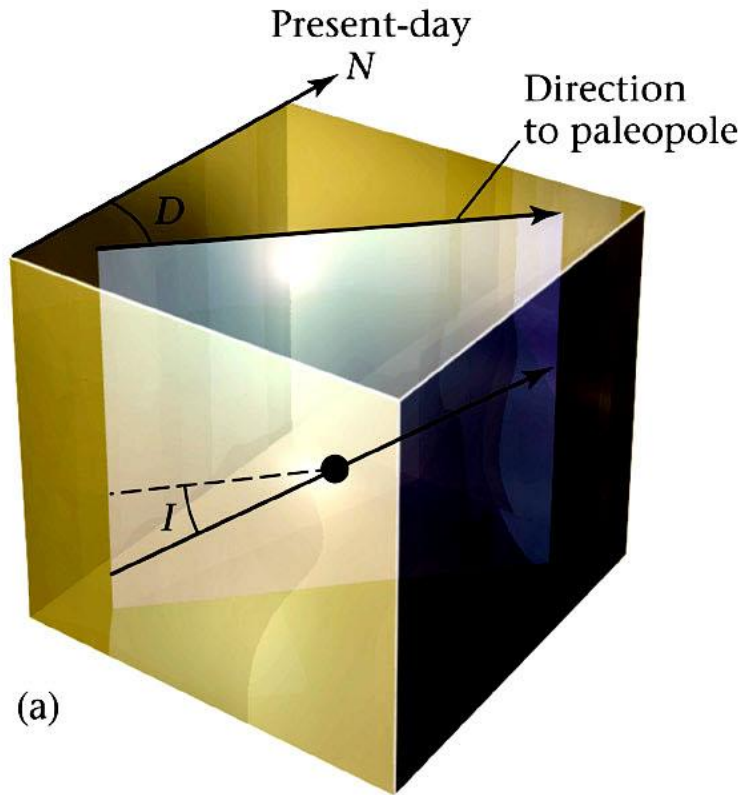
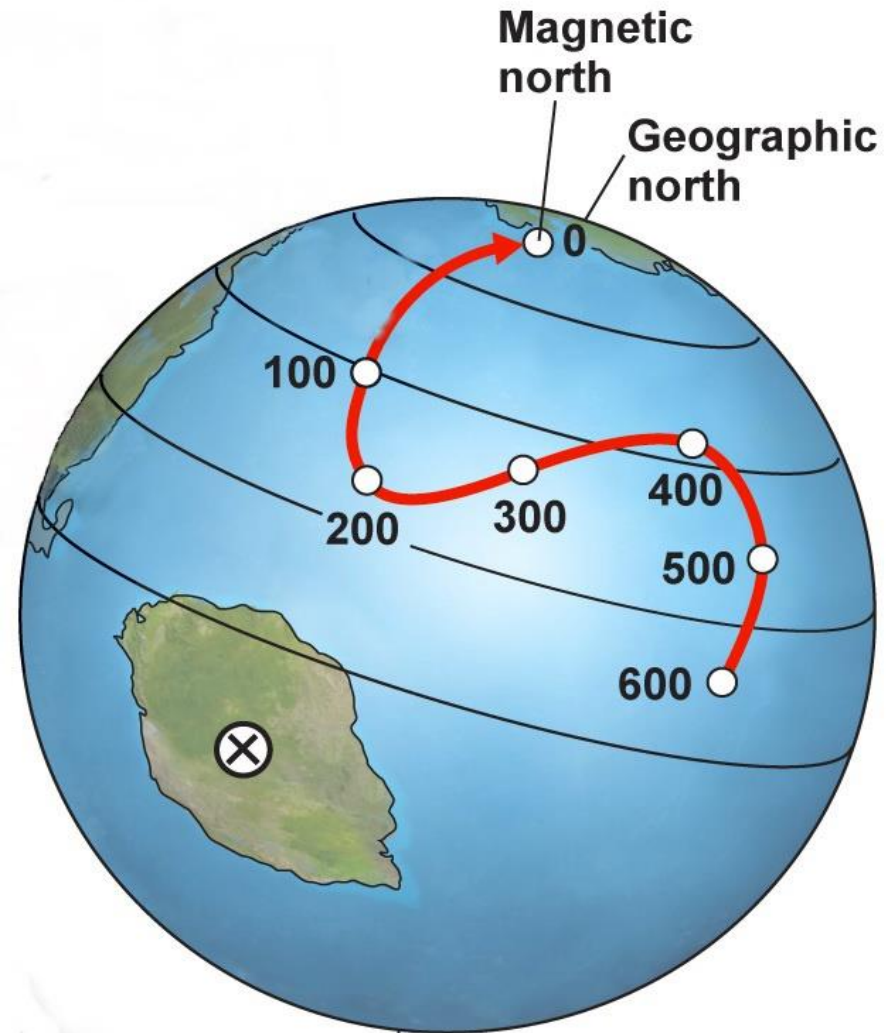
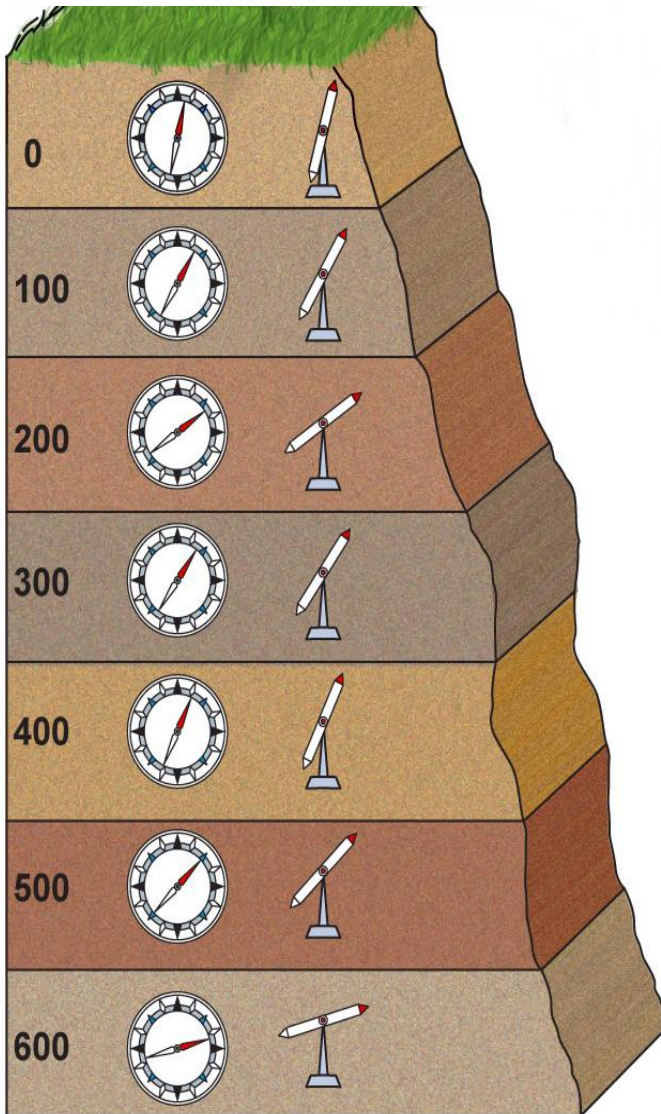
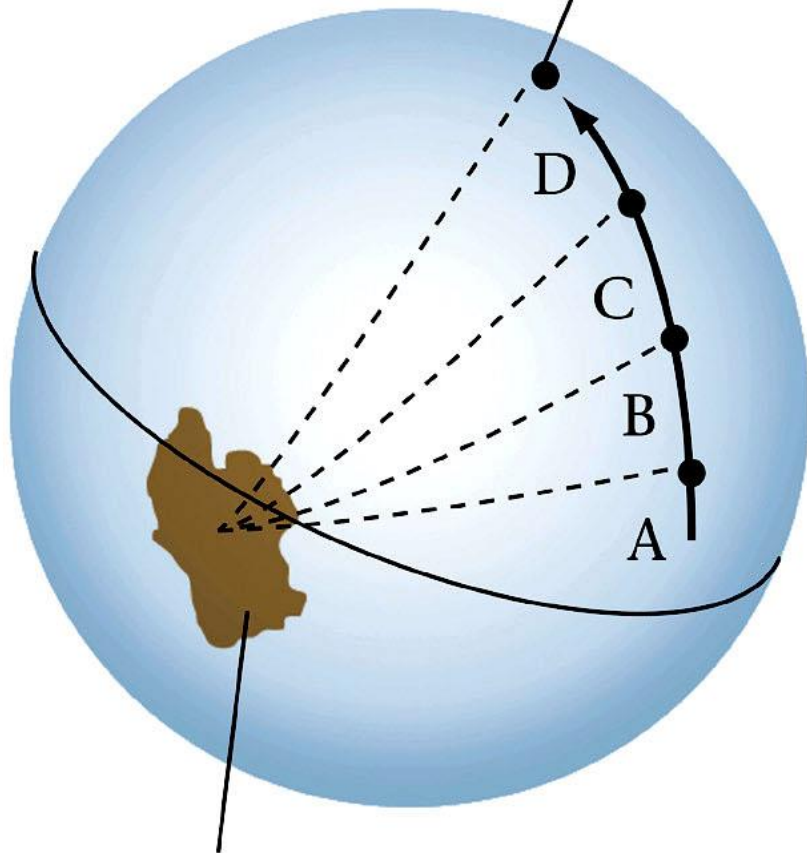


FIGURE 3.14

A polar wandering path

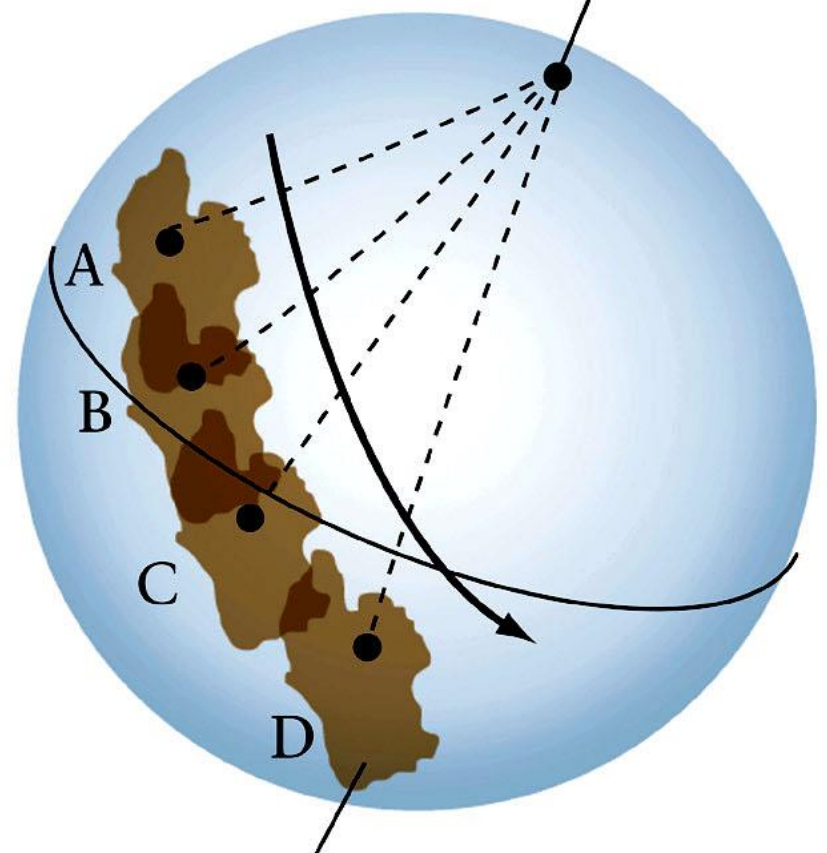


Wandering pole



Fixed continent

Fixed pole



Drifting continent

Polar wandering paths

