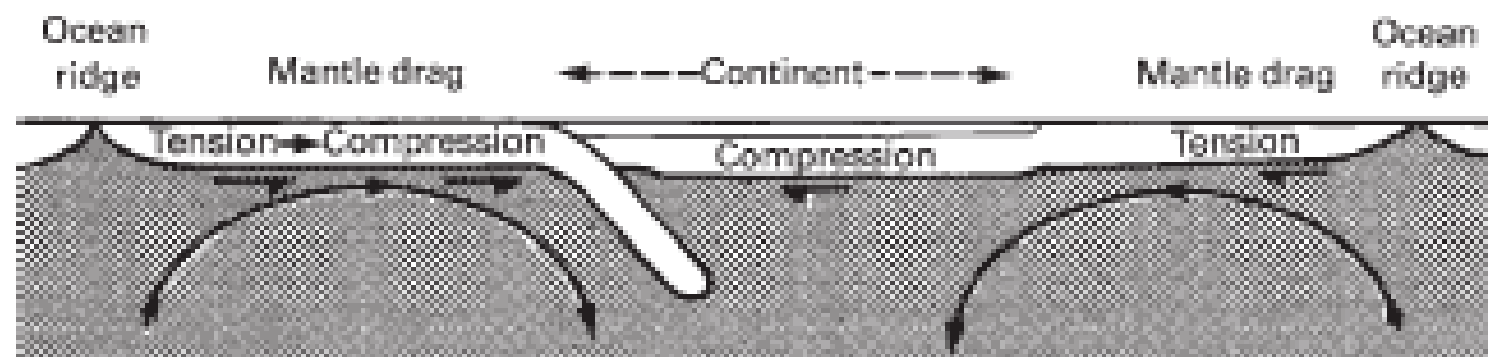
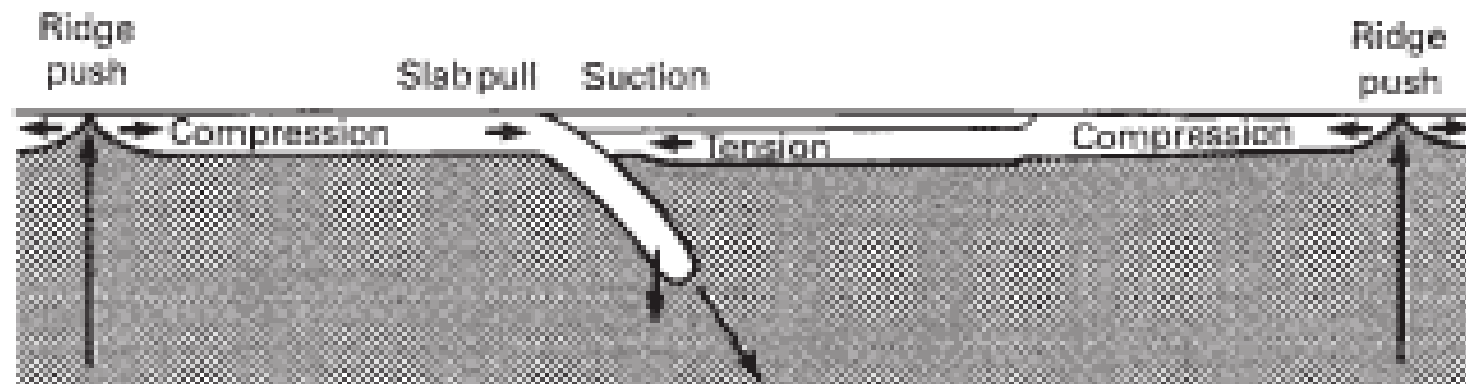


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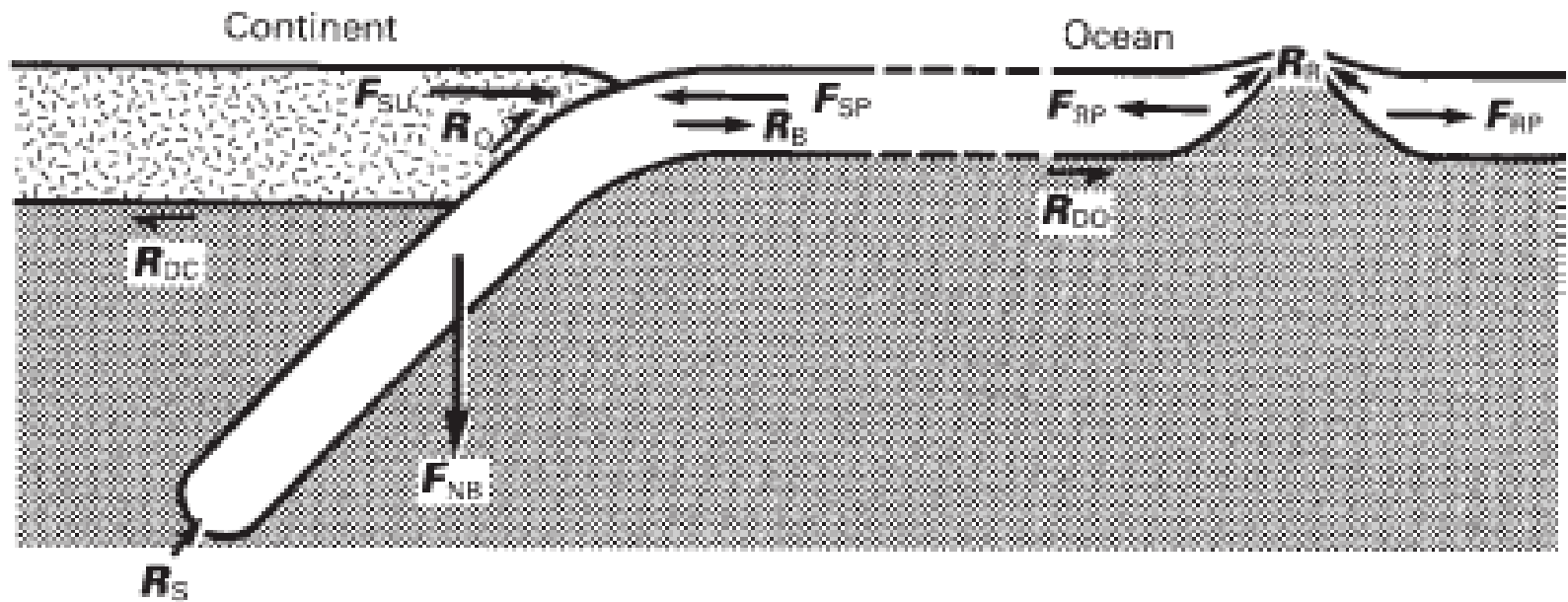
**MOVIMIENTOS ABSOLUTOS Y RELATIVOS
FUERZAS EN LAS PLACAS LITOSFÉRICAS
HOT SPOTS**



(a)



(b)



F_{RP} – Ridge push

F_{NB} – Negative buoyancy

F_{SP} – Slab pull

F_{SU} – Trench suction

R_R – Ridge resistance

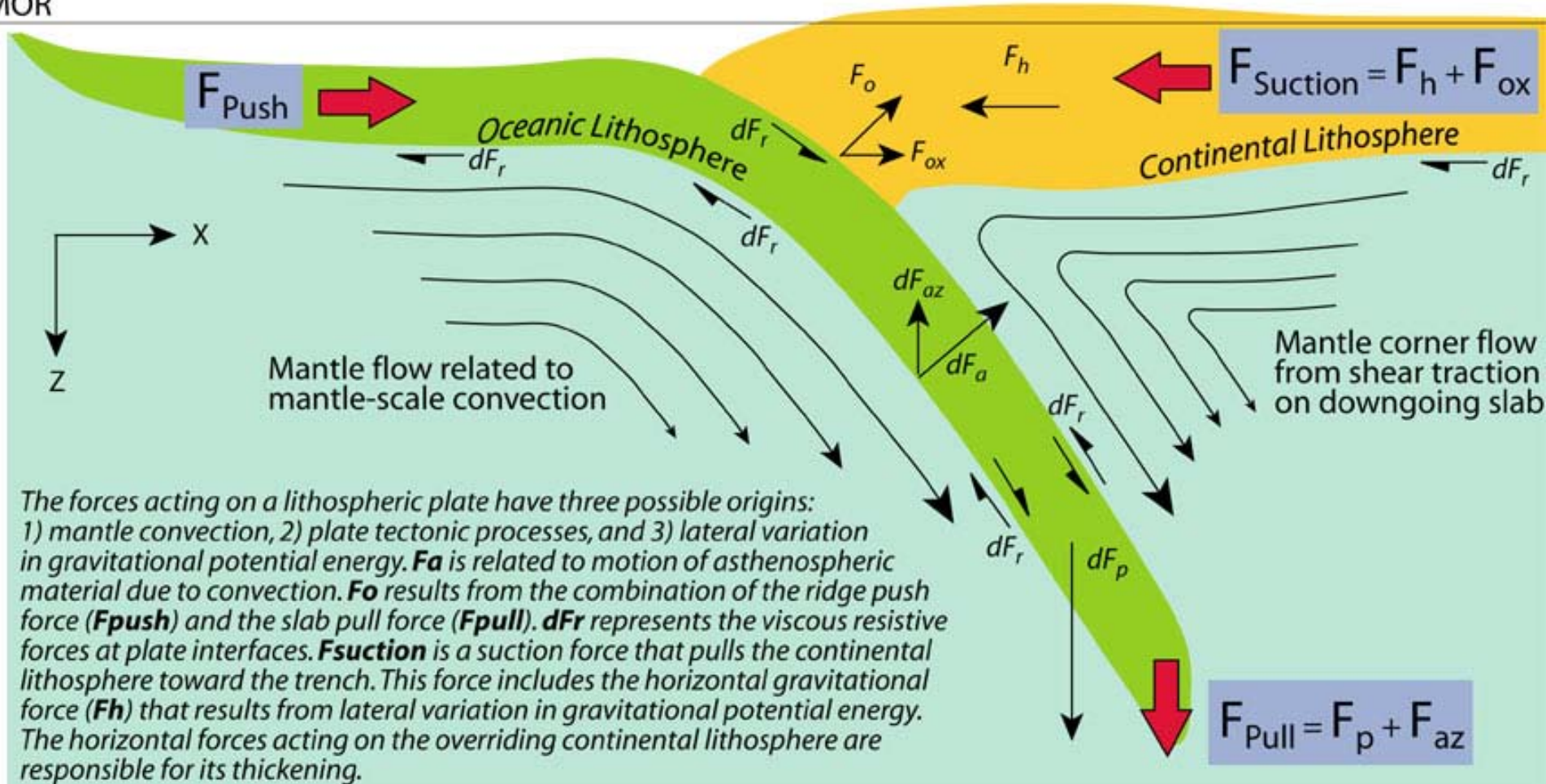
R_B – Bending resistance

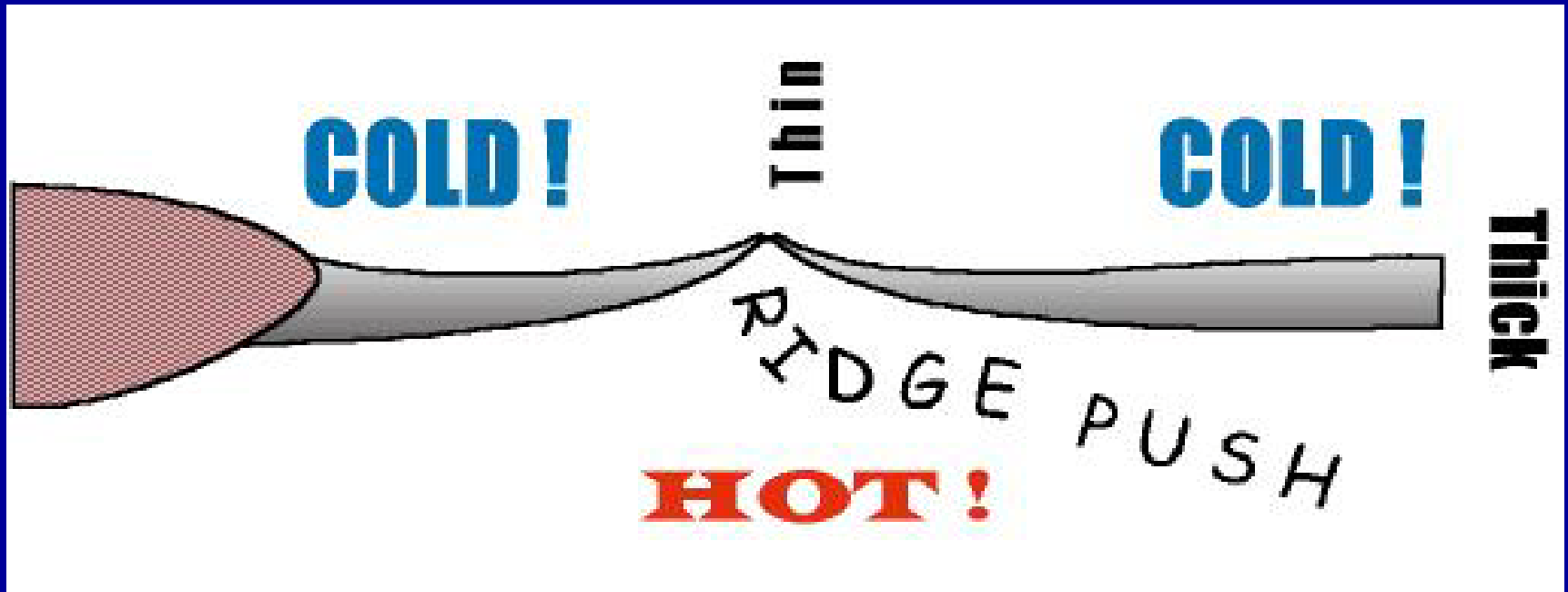
R_S – Slab resistance

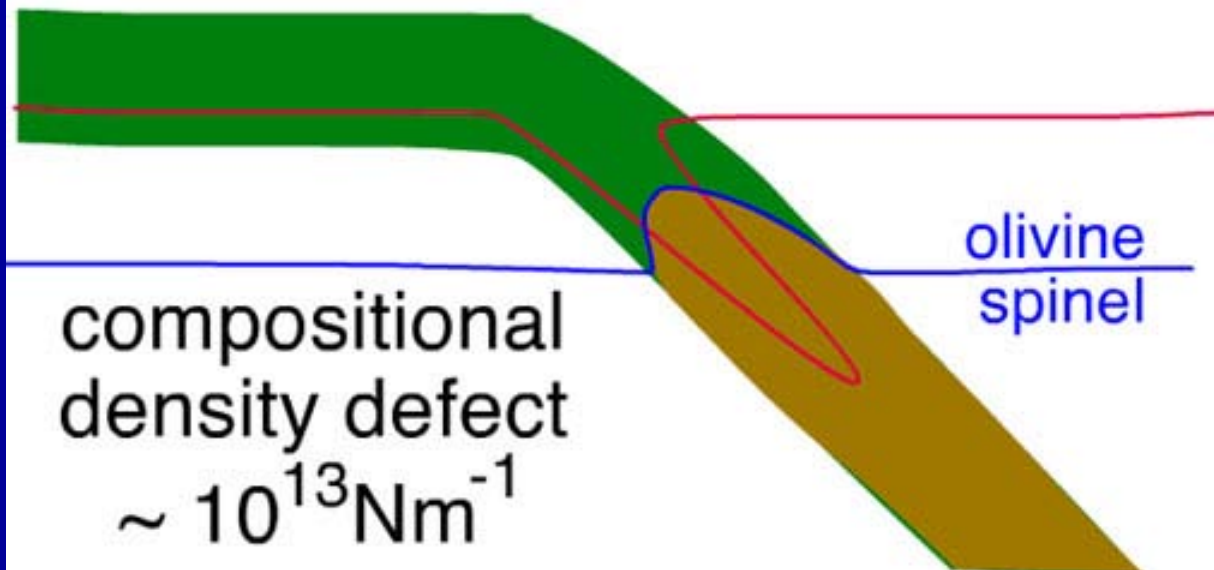
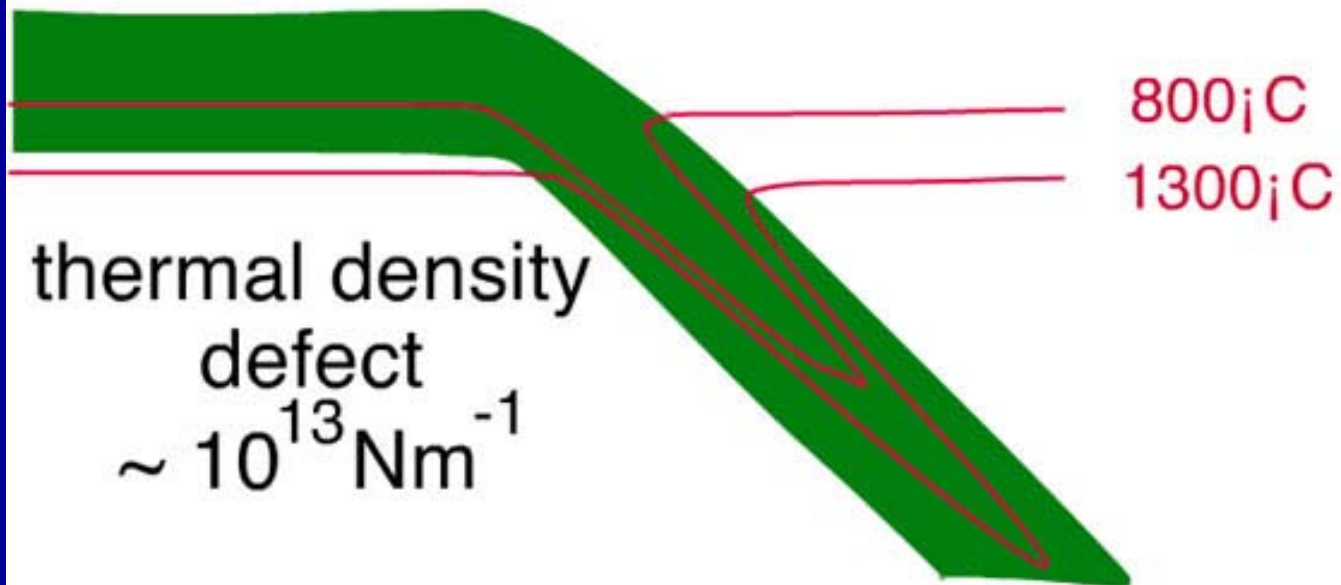
R_O – Overriding plate resistance

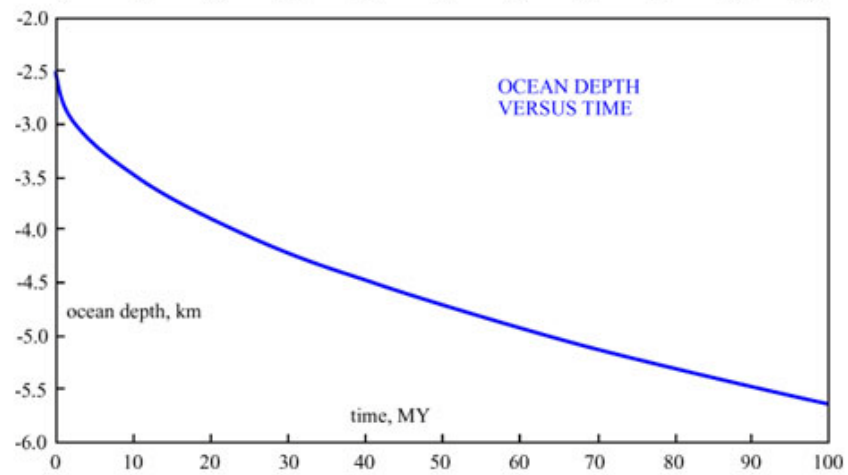
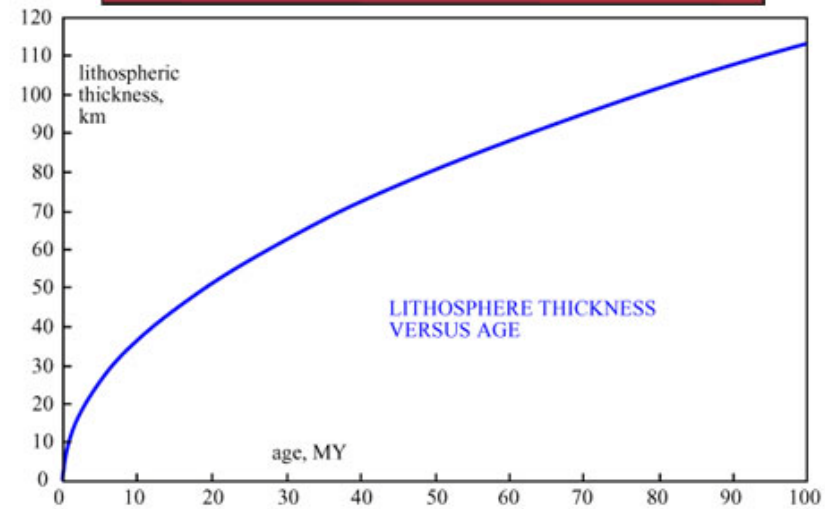
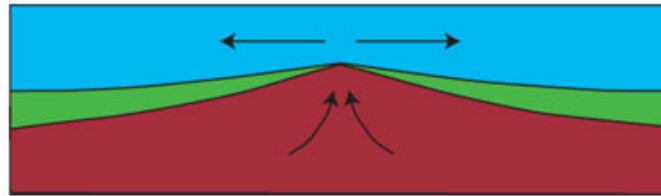
R_{DO} – Mantle drag under ocean

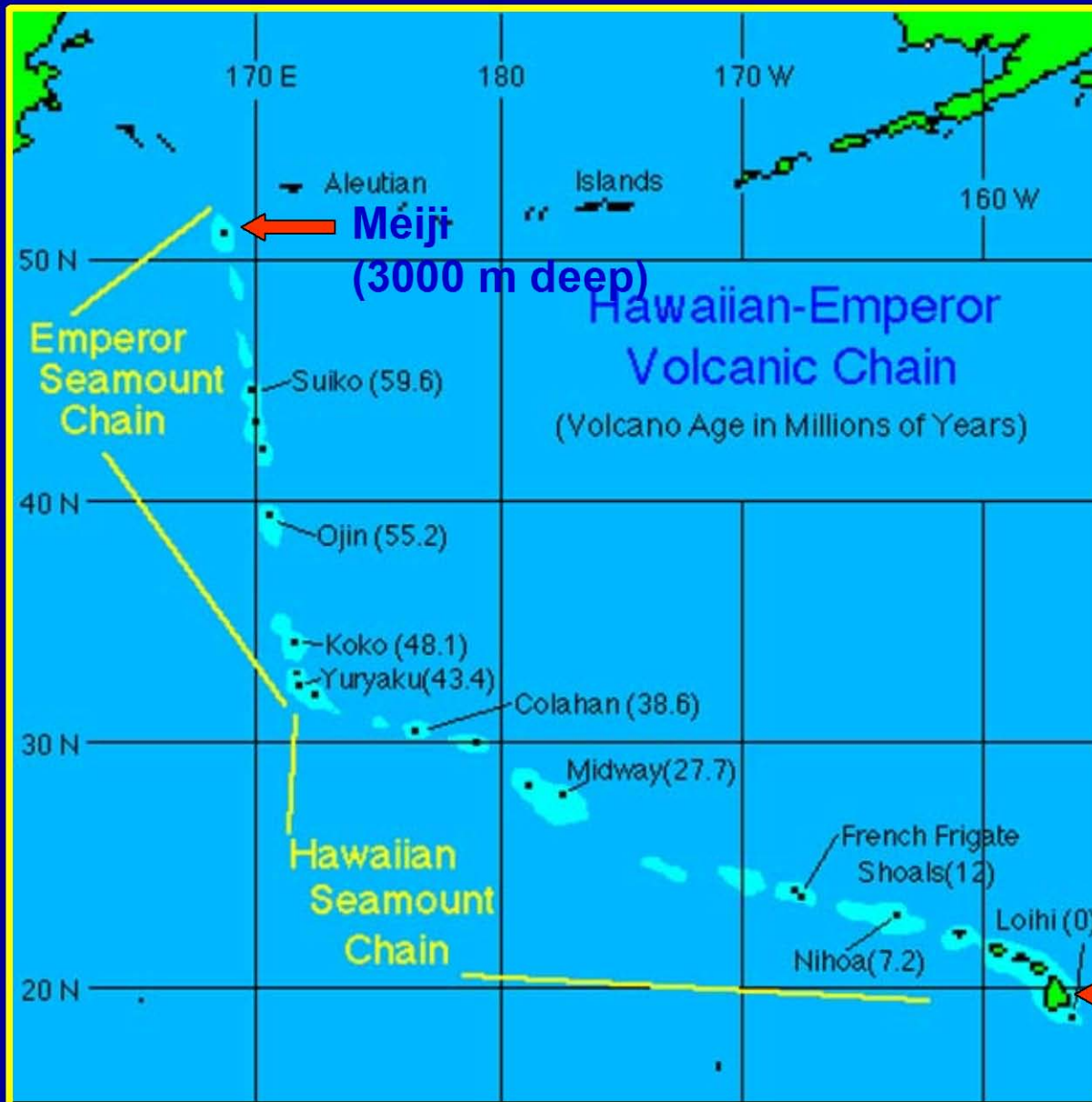
R_{DC} – Mantle drag under continent











Over 100 volcanoes in a volcanic island arc system

Hotspot tracks: Hawaii

- Note the abrupt bend about 44 millions years before the present, which indicates a major reorganization of plate motion at that time.
- While some think it was the collision of India with the Eurasian subcontinent, others suggest it was the beginning of spreading on the Antarctic Ridge south of Australia.

