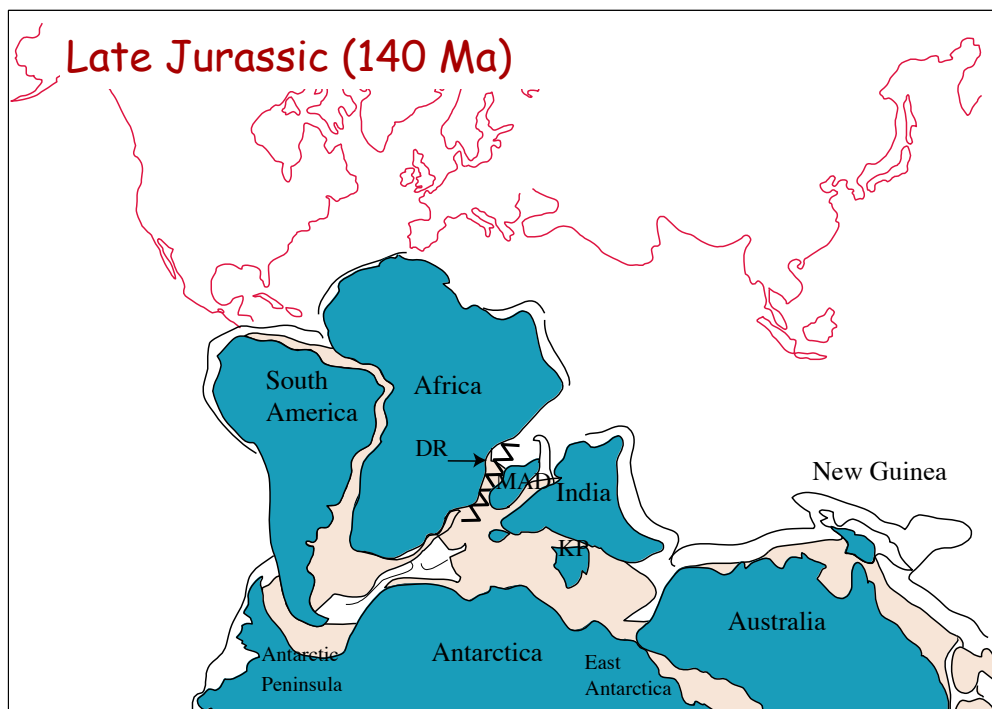


Southern Hemisphere Biogeography



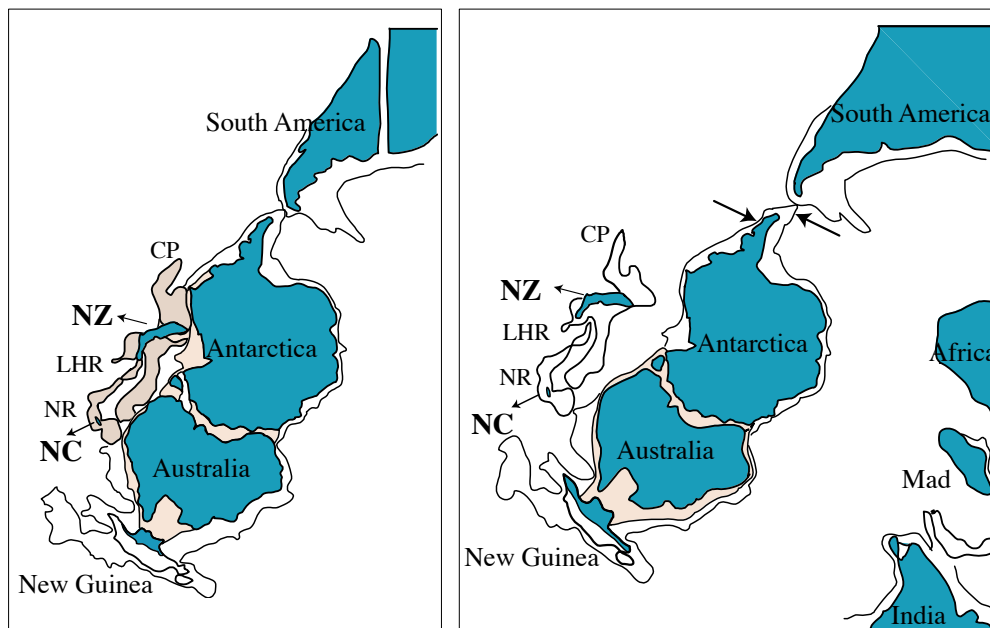
Sanmartín & Ronquist, 2004



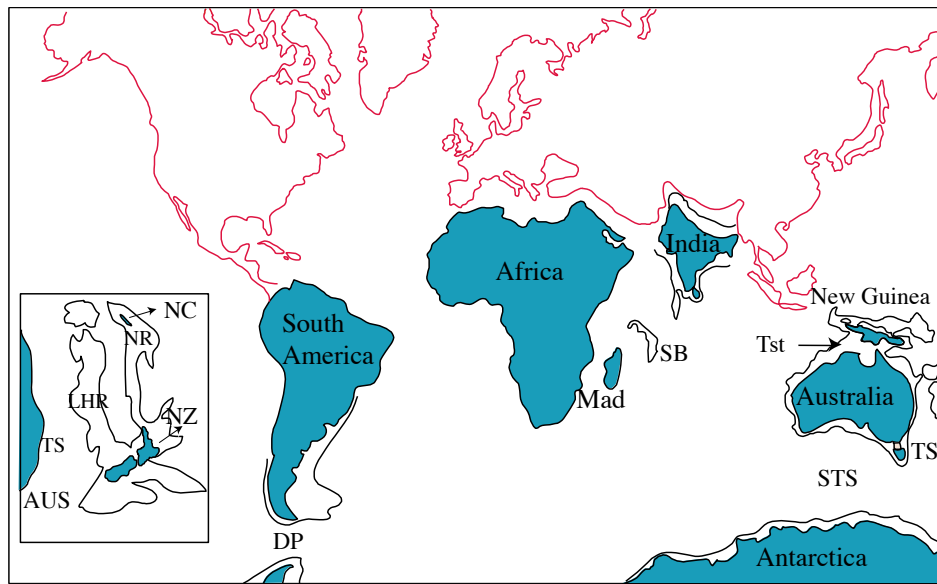
Late Cretaceous (90 Ma)



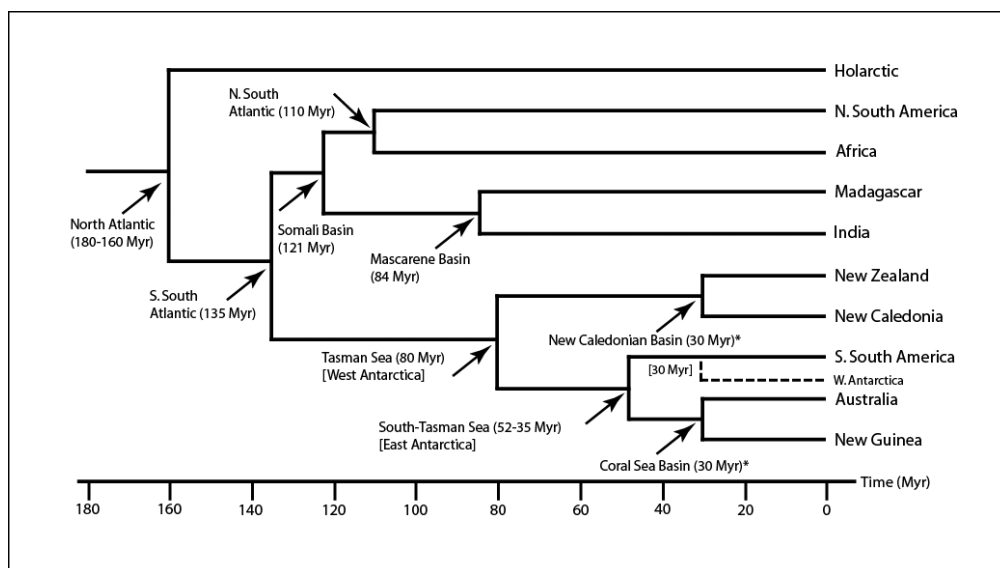
Late Cretaceous (80 Ma) Early Paleocene (60 Myr)



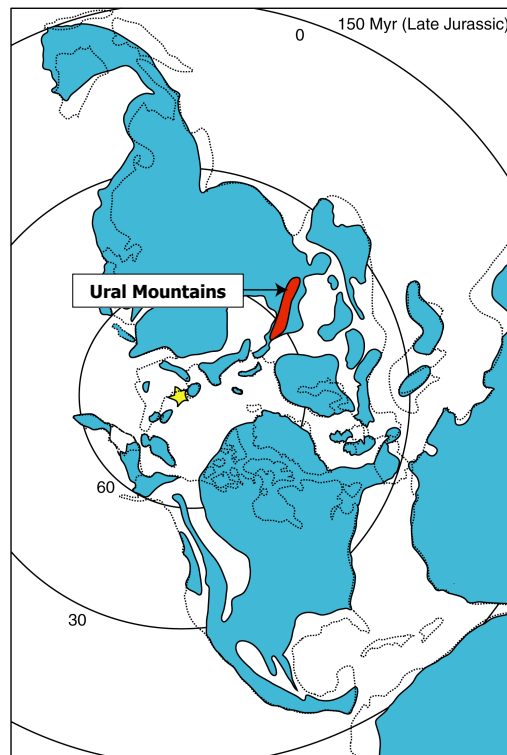
Early Miocene (20 Ma)



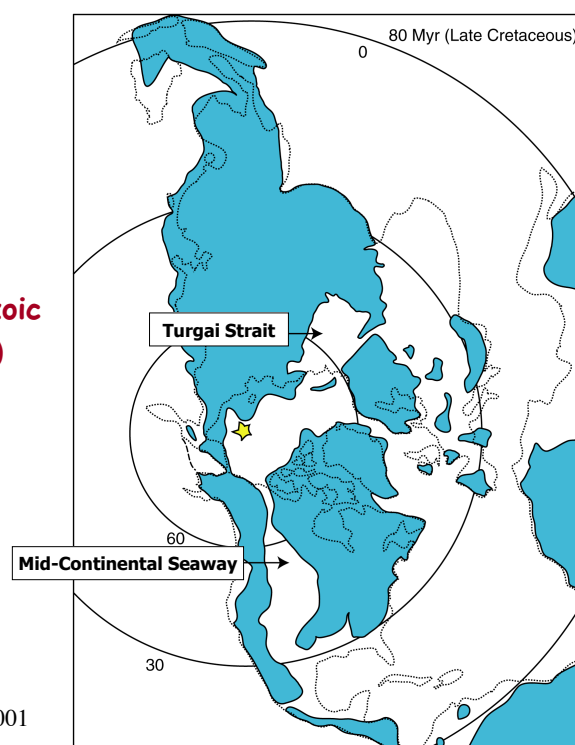
Gondwanan vicariance



**Early Mesozoic
(150 Myr)**



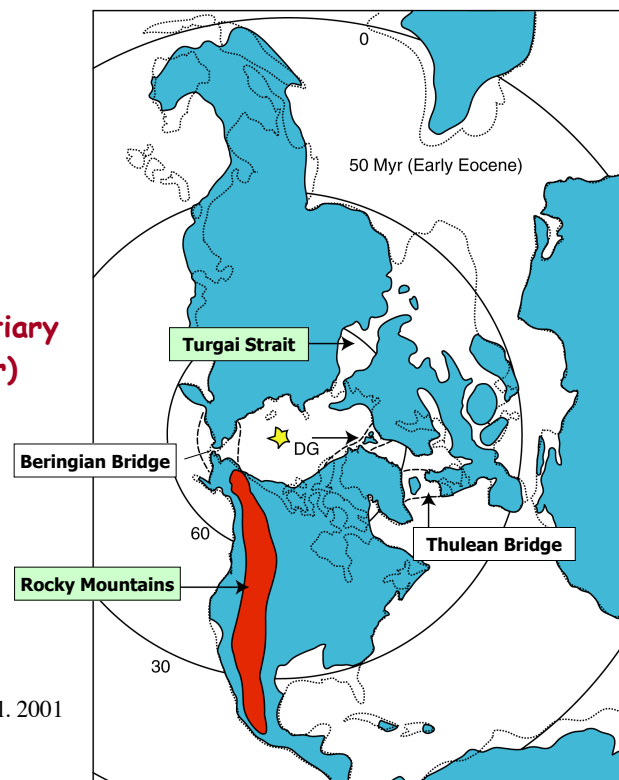
**Late Mesozoic
(90 Myr)**



Sanmartín et al. 2001

I. Sanmartín

**Early Tertiary
(50 myr)**

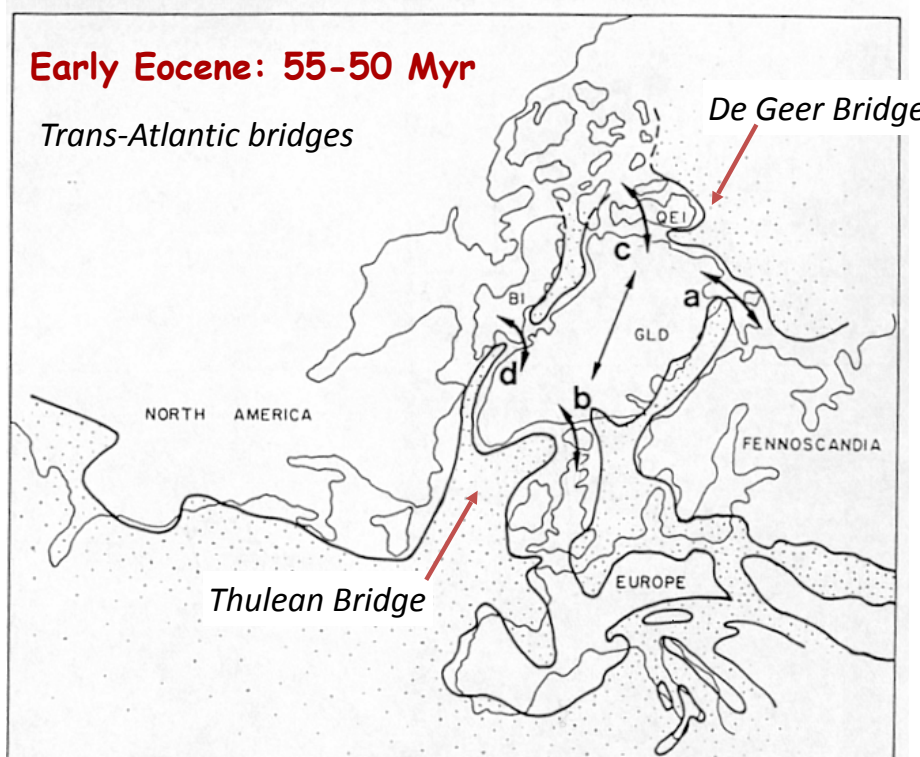


Sanmartín et al. 2001

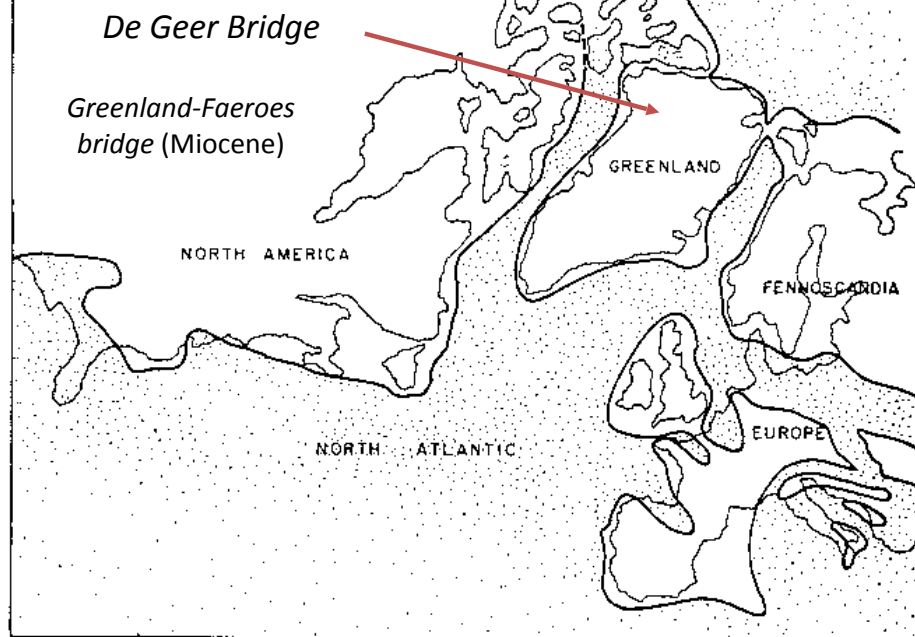
I. Sanmartín

Early Eocene: 55-50 Myr

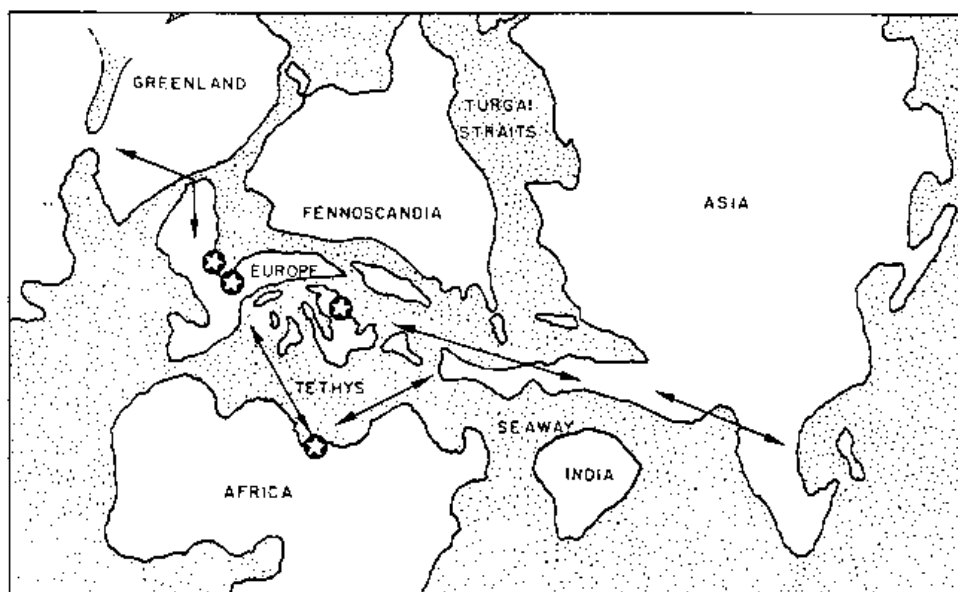
Trans-Atlantic bridges



Late Eocene (35 Myr)



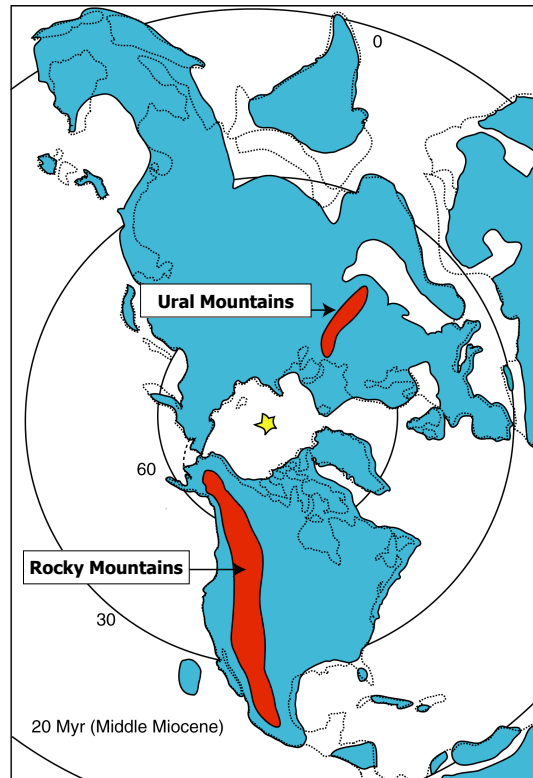
The Tethys Seaway



Europe-Asia "coastal" dispersal route

Late Tertiary (20 Myr)

Sanmartín et al. 2001



I. Sanmartín

Quaternary

