








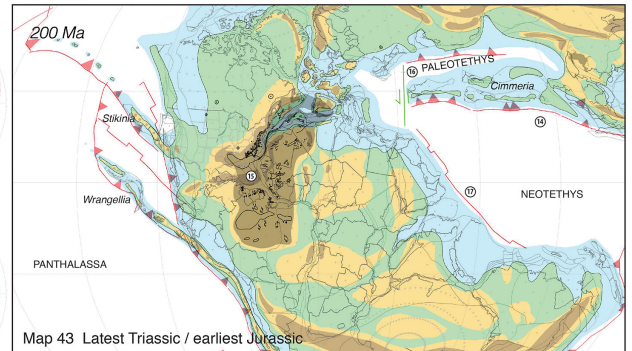
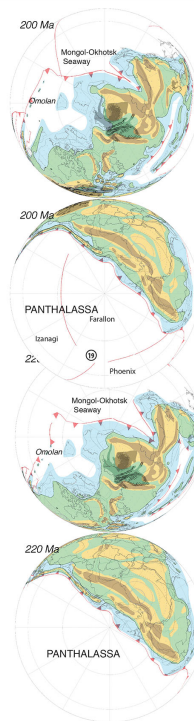
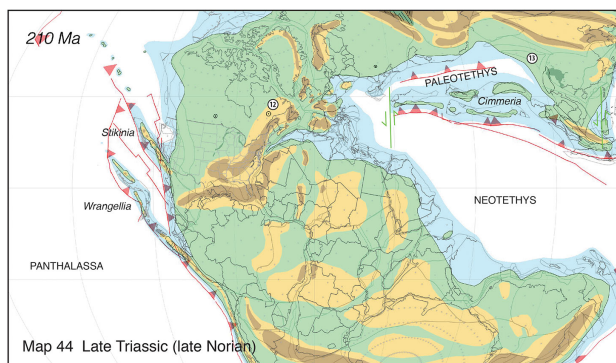


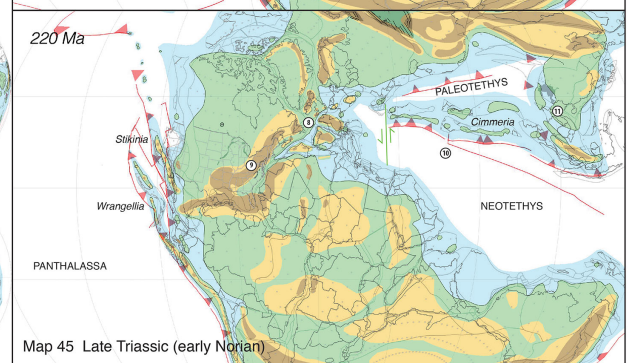
Triassic Paleogeography

Legend

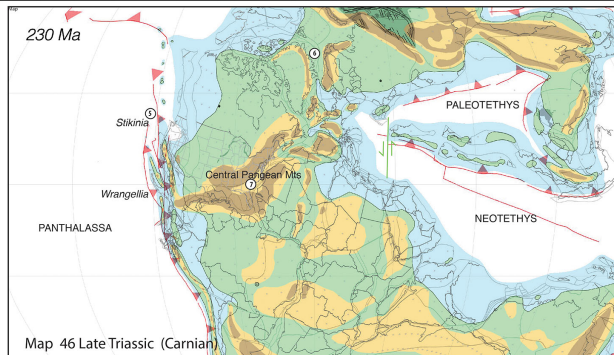
- | | | | |
|---|------------------------|---|-------------------|
|  | Highlands (> 800 m) |  | Subduction Zone |
|  | Uplands (200 to 800 m) |  | Oceanic Ridge |
|  | Lowlands (0 to 200 m) |  | Strike-Slip Fault |
|  | Shelf (0 to -200 m) |  | Impact Crater |
|  | Deep Ocean (> -200 m) | | |



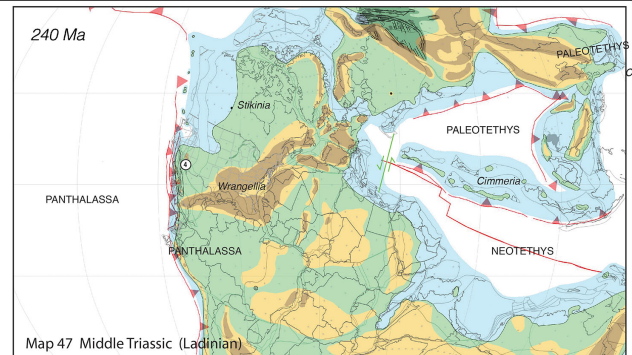
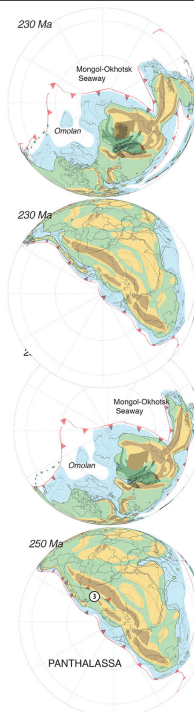
Map 43 Latest Triassic / earliest Jurassic



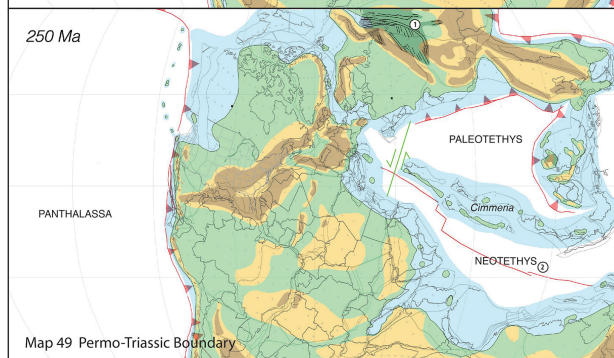
Map 45 Late Triassic (early Norian)



Map 46 Late Triassic (Carnian)



Map 47 Middle Triassic (Ladinian)



Map 49 Permo-Triassic Boundary

		Triassic Events	
TRIASSIC	LATE	191	① Origin of the Pacific plate ② Rifting along N. margin of Gondwana ③ Subduction of all MORs in Panthalassa
		189	④ Closure of PaleoTethys
		201	⑤ Enlargement of CAMP LIP (201 Ma) ⑥ Complete subduction of NeoTethyan MOR
		209	⑦ Accretion of Song Pan Gneiss ⑧ Manicouagan Impact (214 Ma)
	NORIAN		⑨ Closure of SE branch of PaleoTethys between Cathaysia & Gimmera ⑩ Rapid subduction of Newark rift basins ⑪ Subduction of NeoTethyan MOR begins ⑫ Extension begins across NC Atlantic region
	MIDDLE	228	⑬ Orogenic Collapse of Central Pangaea III Range Maximum Triassic orogenic activity; Carnian/Paleo Event; Maximum radiolarian diversity
		237	⑭ Closing of Boreal Seaway Sporange nests dominate; Origin of Dinosauria
			End of Chinle, Chinle Creek, and Chinle Days
	EARLY	LADINIAN	
ANISIAN			Continued orogenicity; dyaritic, mafic rhyolites subside; Gynodonta & Pterodactyliformes expanded; second FITC (202 Ma)
LOPIN- GIAN	OLENISKIAN		⑯ West Siberian LIP ⑰ Widening of NeoTethys ⑱ Cape Orogeny & Accretion of W. Antarctica
	CHANGHSINGIAN		Permio-Triassic Extinction (conodonts, graptolites, trilobites, Fr corals, agnostostridans); ⑳ Boreo-Asian LIP (243 Ma)
	WUCHIANGSINGIAN	260	

Chintoka R. Ardesi 11/07/2018