

Atlas of Early Cretaceous Paleogeographic Maps

CR Scotese, PALEOMAP Project

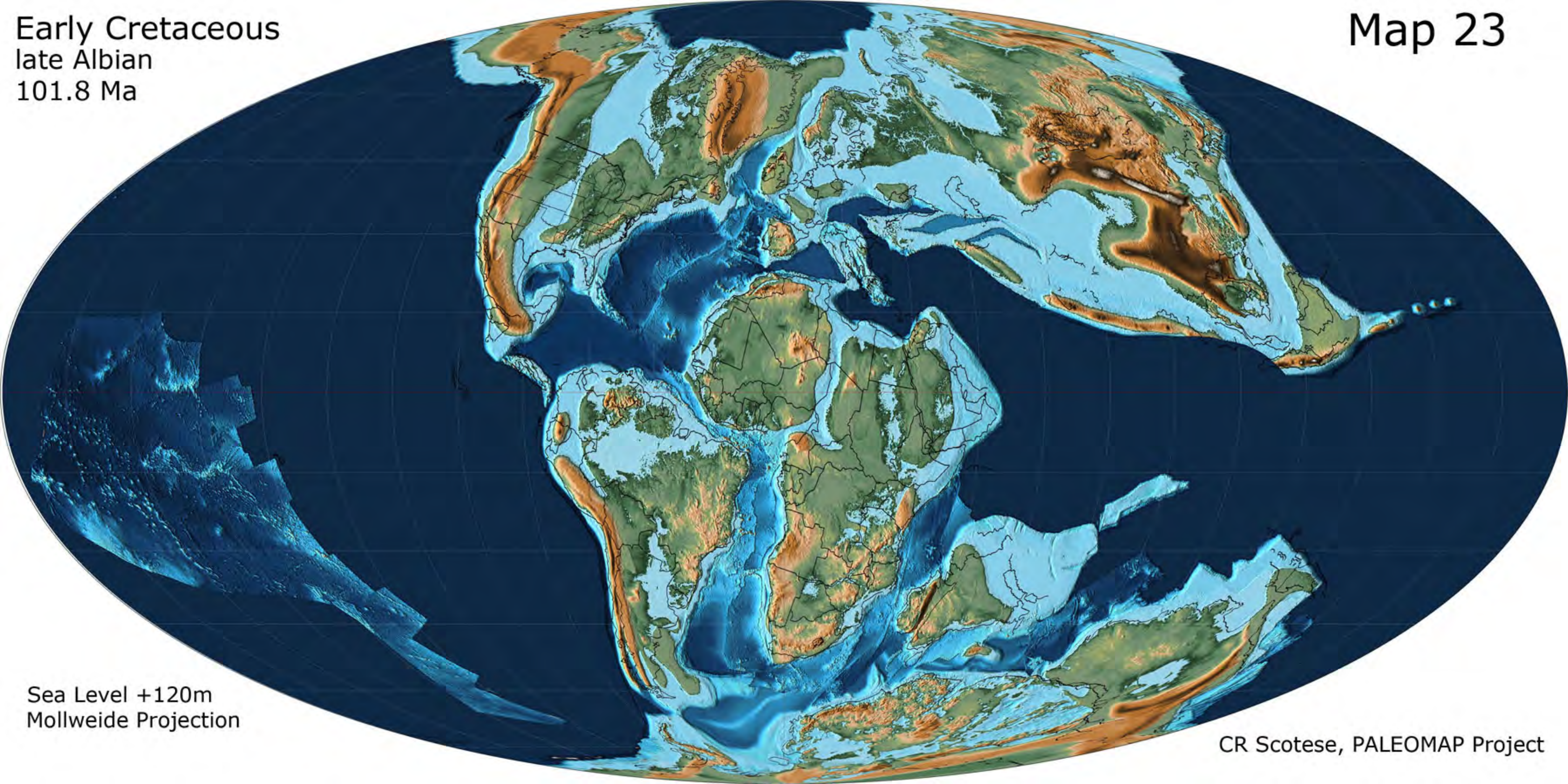
Atlas of Early Cretaceous Paleogeographic Maps

This Atlas of Early Cretaceous Paleogeographic Maps shows the changing paleogeography from the Berriasian (143 Ma) to the late Albian (101.8 Ma). The maps are from volume 2 of the PALEOMAP PaleoAtlas for ArcGIS (Scotese, 2014). Also numeric time values are from Gradstein, Ogg & Smith (2008). For several stages there are versions of the map that show maximum sea level (maximum flooding surface) or minimum sea level (supersequence boundary) during that time interval.

The following maps are included in the Atlas of Early Cretaceous Paleogeographic Maps:

- Map 23 Early Cretaceous (late Albian, 101.8 Ma)
- Map 24 Early Cretaceous (middle Albian, 106 Ma)
- Map 25 Early Cretaceous (early Albian, 110 Ma) Albian Supersequence Boundary and Transgressive System Tract
- Map 26 Early Cretaceous (late Aptian, 115.2 Ma)
- Map 27 Early Cretaceous (early Aptian, 121.8 Ma)
- Map 28 Early Cretaceous (Barremian, 127.5 Ma)
- Map 29 Early Cretaceous (Hauterivian, 132 Ma)
- Map 30 Early Cretaceous (Valanginian, 137 Ma) Barremian-Hauterivian Supersequence boundary and Transgressive Systems Tract
- Map 31 Early Cretaceous (Berriasian, 143 Ma) Berriasian Supersequence boundary and Maximum Flooding Surface

This work should be cited as
Scotese, C.R., 2014. Atlas of Early Cretaceous Paleogeographic Maps, PALEOMAP Atlas for ArcGIS, volume 2, The Cretaceous, Maps 23-31, Mollweide Projection, PALEOMAP Project, Evanston, IL.

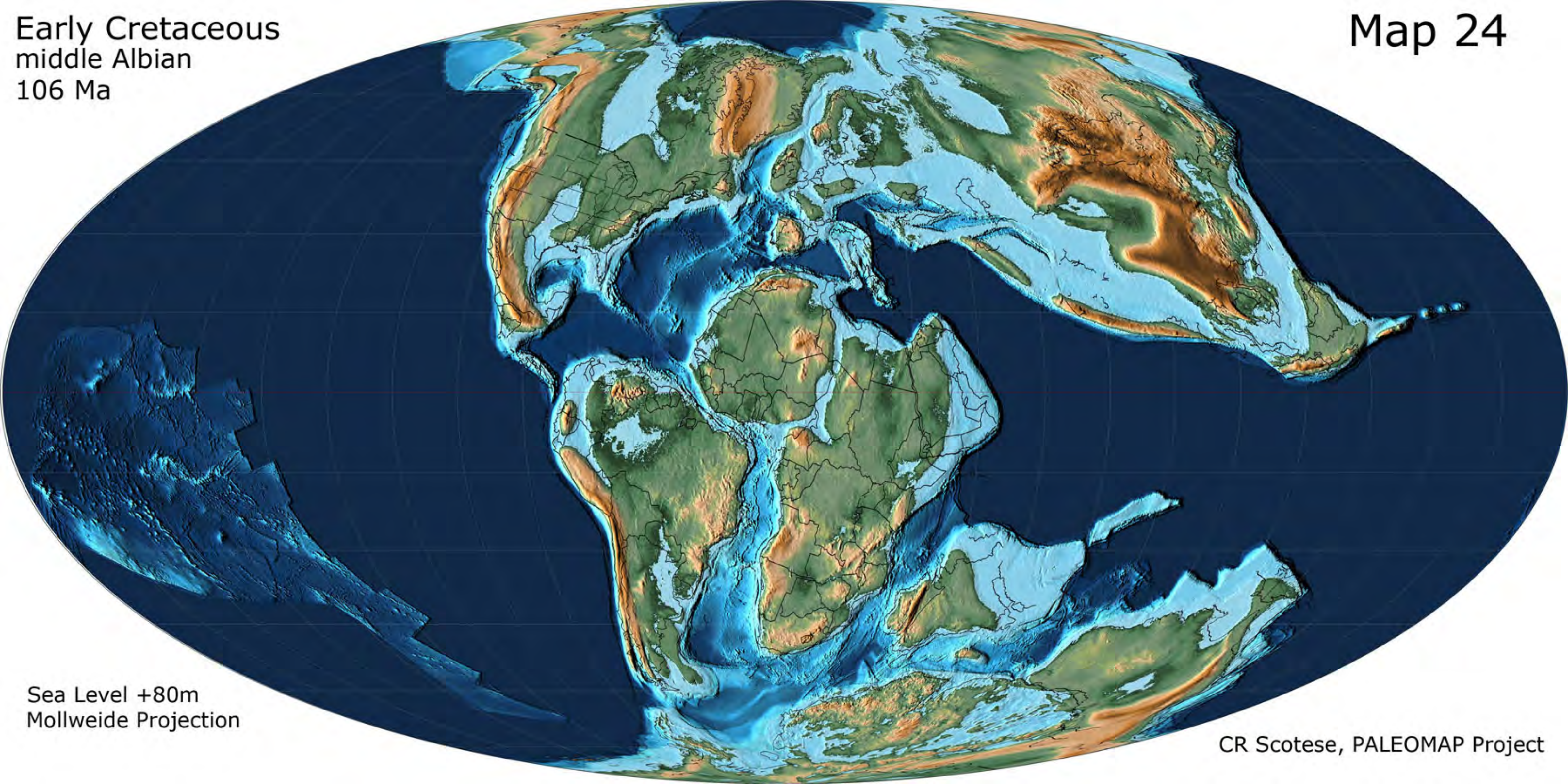


Early Cretaceous
late Albian
101.8 Ma

Map 23

Sea Level +120m
Mollweide Projection

CR Scotese, PALEOMAP Project

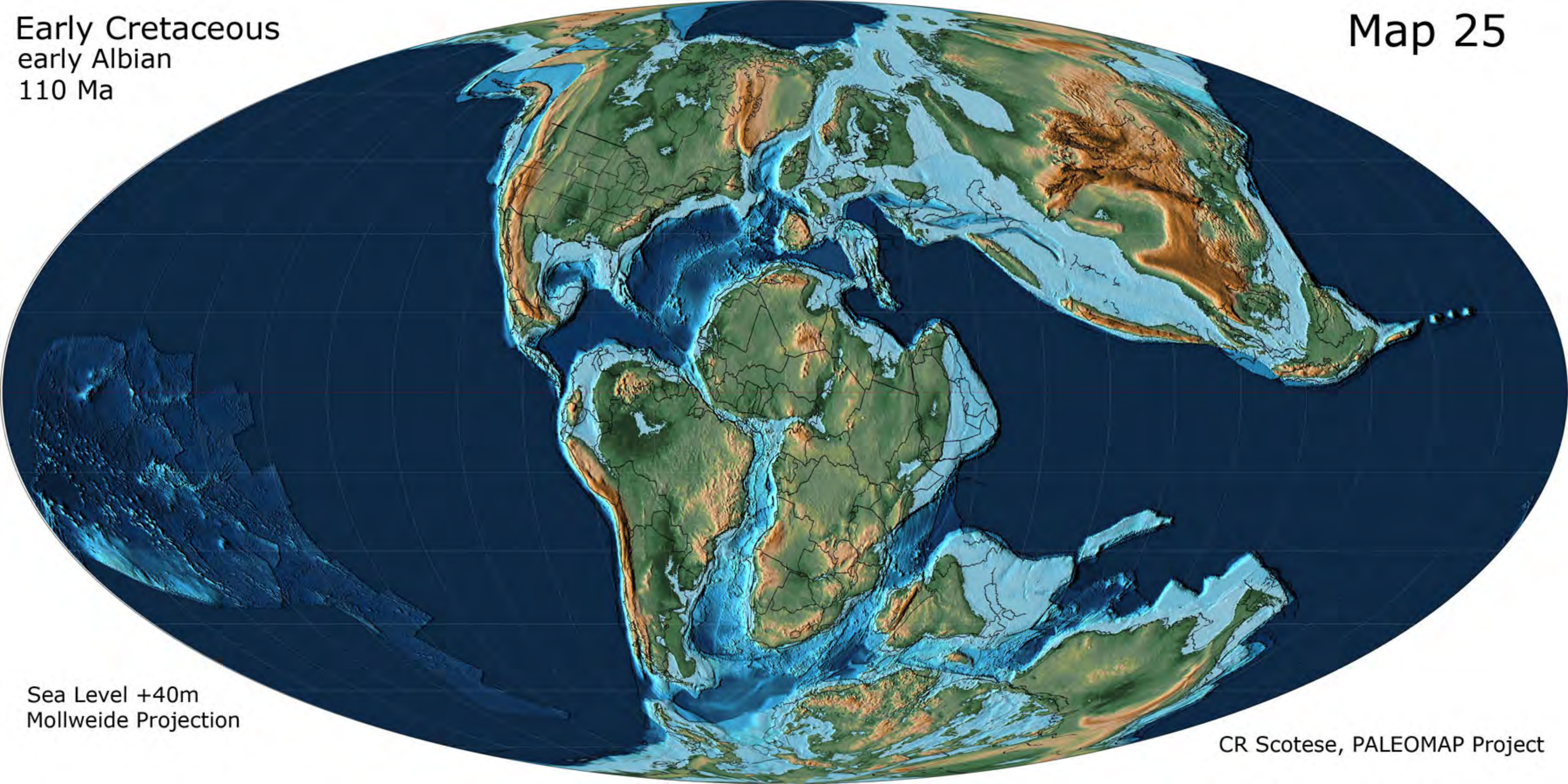


Early Cretaceous
middle Albian
106 Ma

Map 24

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project

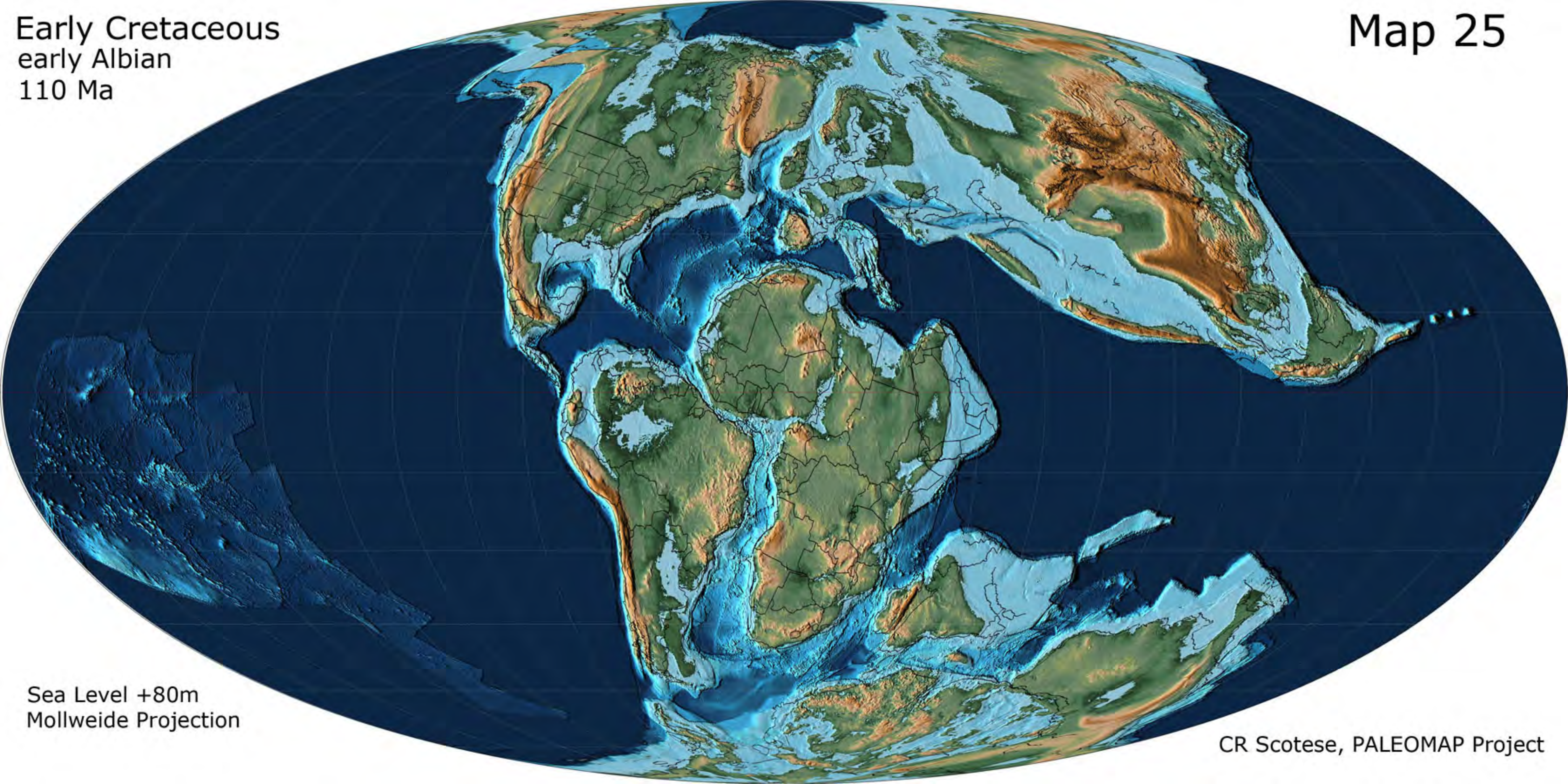


Map 25

Early Cretaceous
early Albian
110 Ma

Sea Level +40m
Mollweide Projection

CR Scotese, PALEOMAP Project

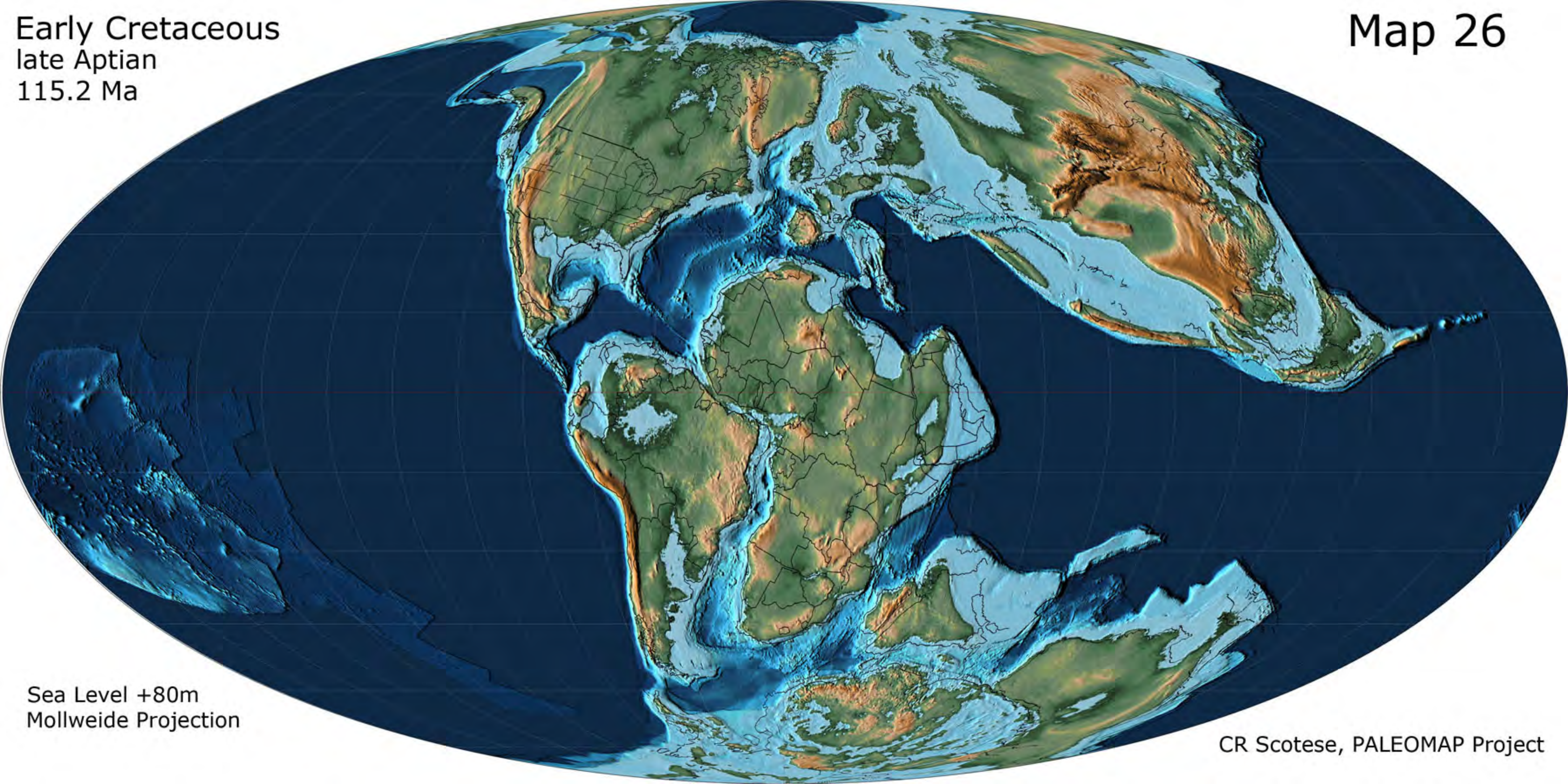


Early Cretaceous
early Albian
110 Ma

Map 25

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project

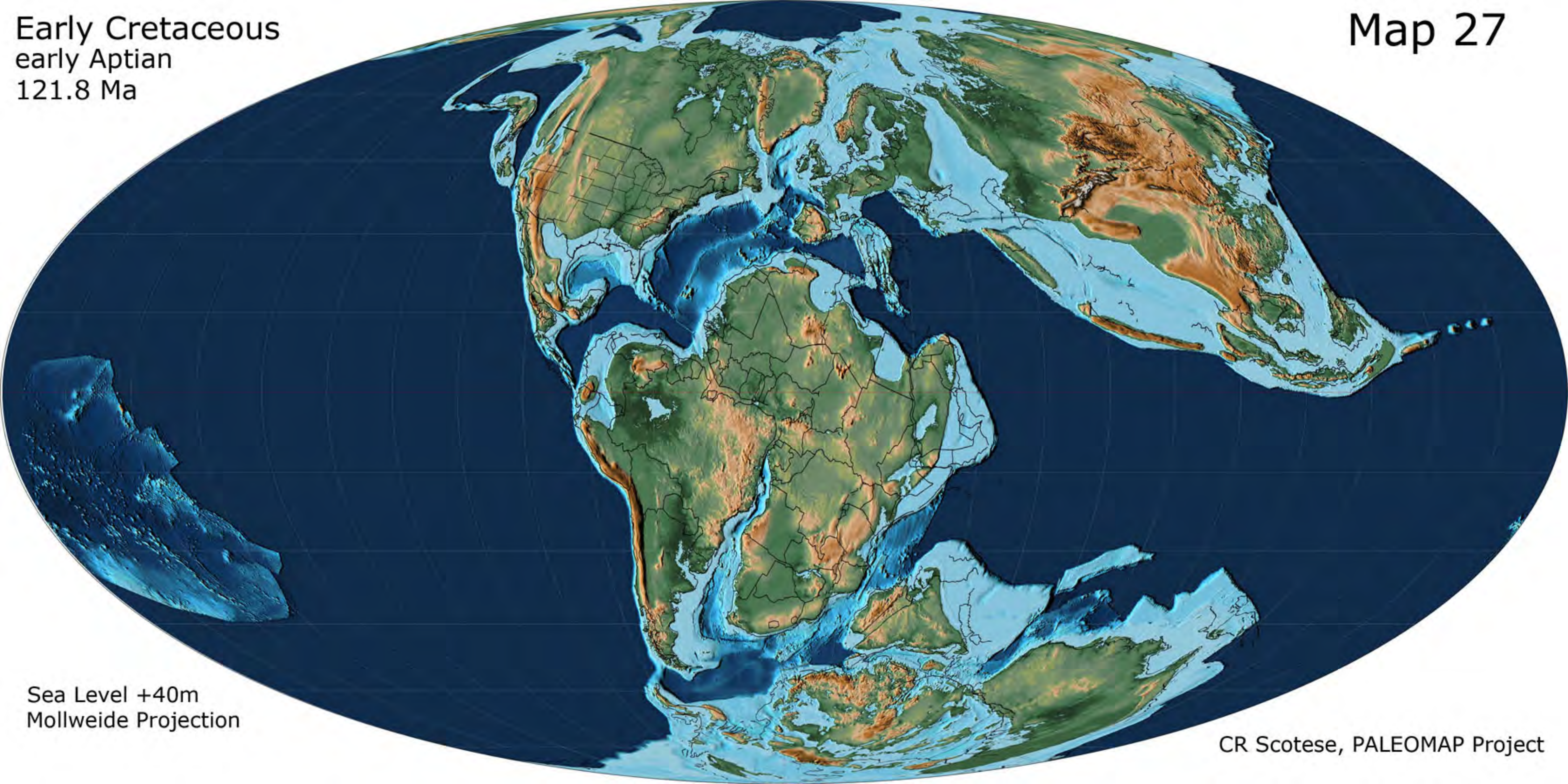


Early Cretaceous
late Aptian
115.2 Ma

Map 26

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project

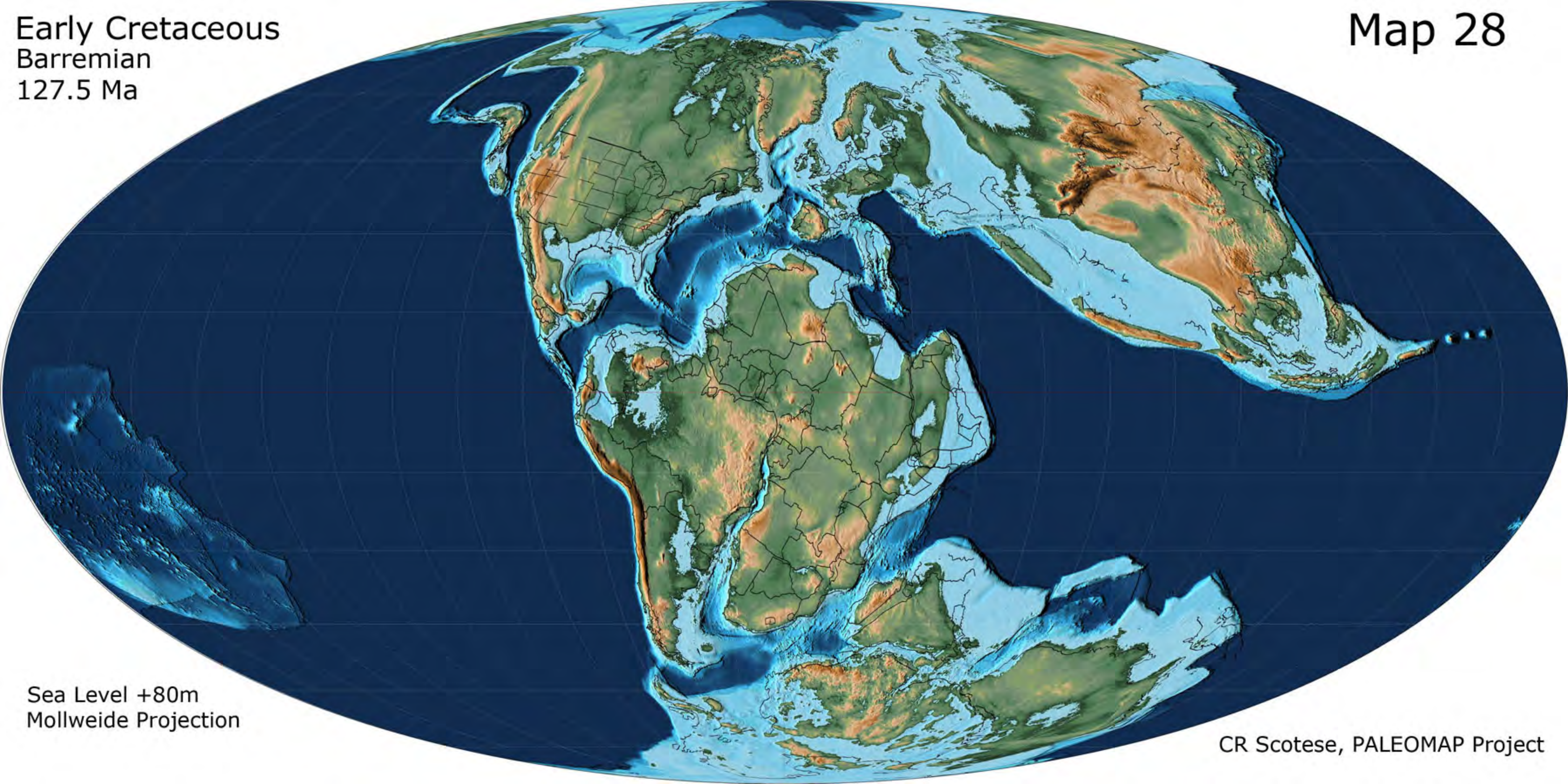


Early Cretaceous
early Aptian
121.8 Ma

Map 27

Sea Level +40m
Mollweide Projection

CR Scotese, PALEOMAP Project

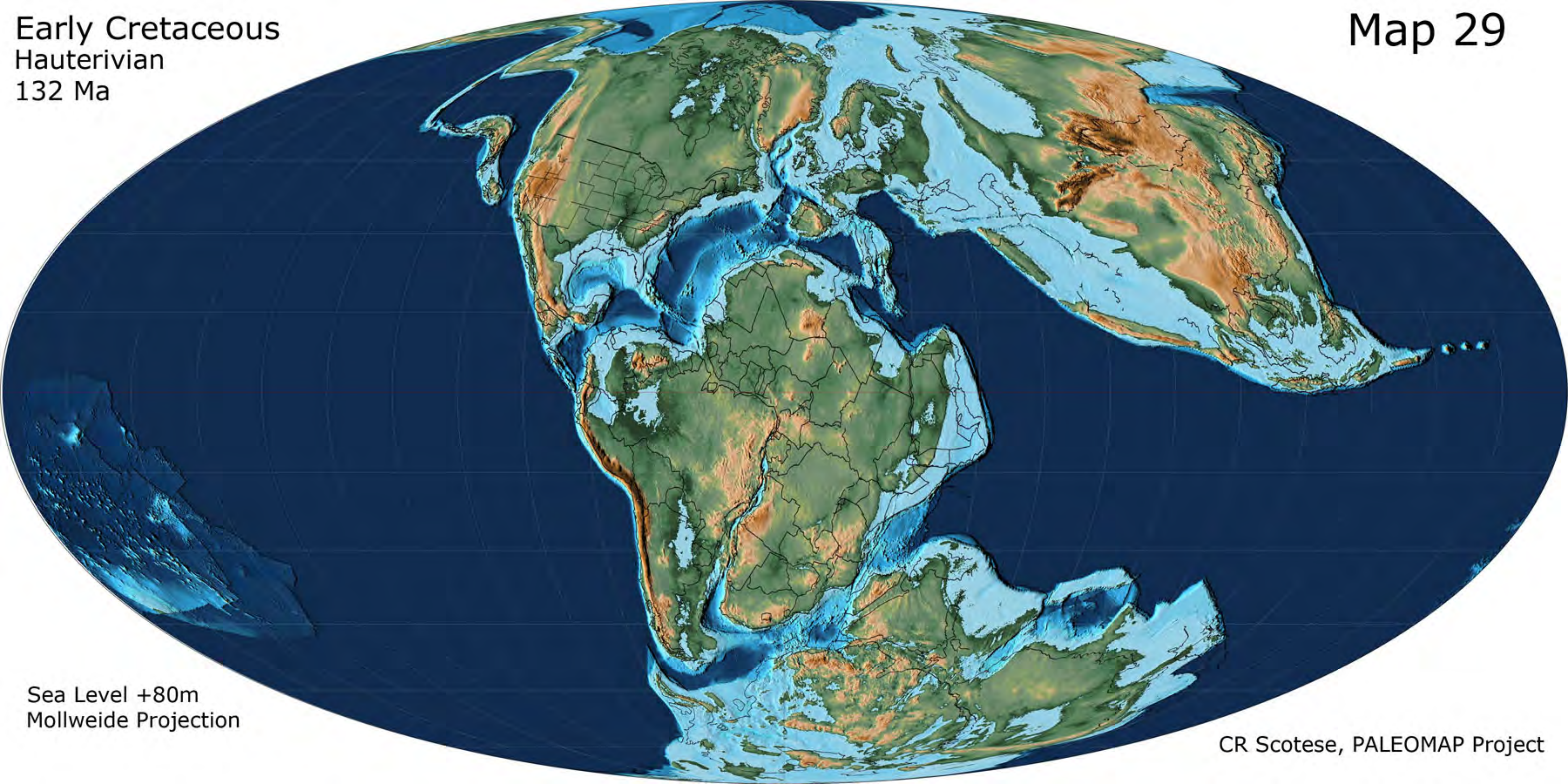


Early Cretaceous
Barremian
127.5 Ma

Map 28

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project

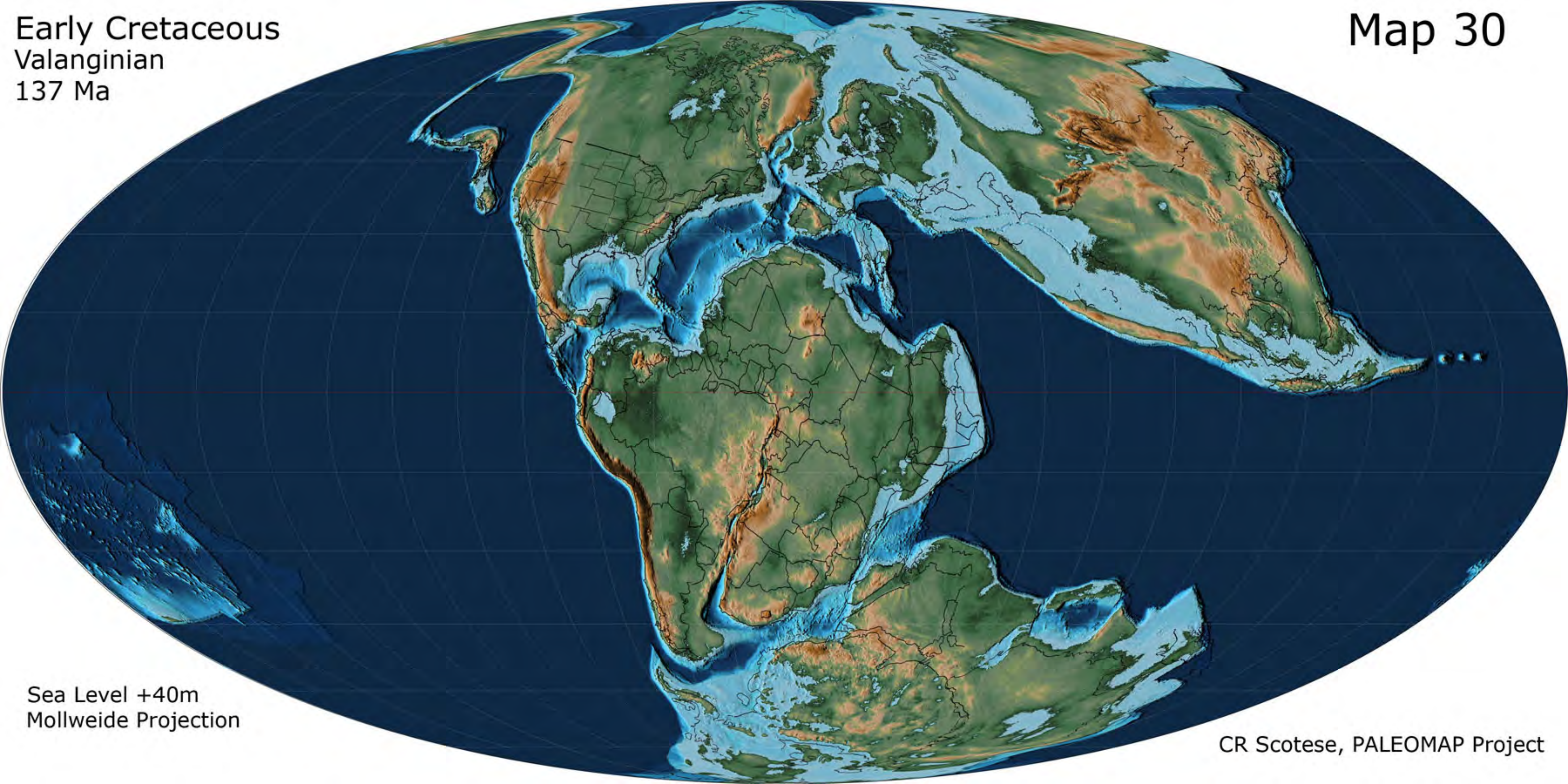


Early Cretaceous
Hauterivian
132 Ma

Map 29

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project

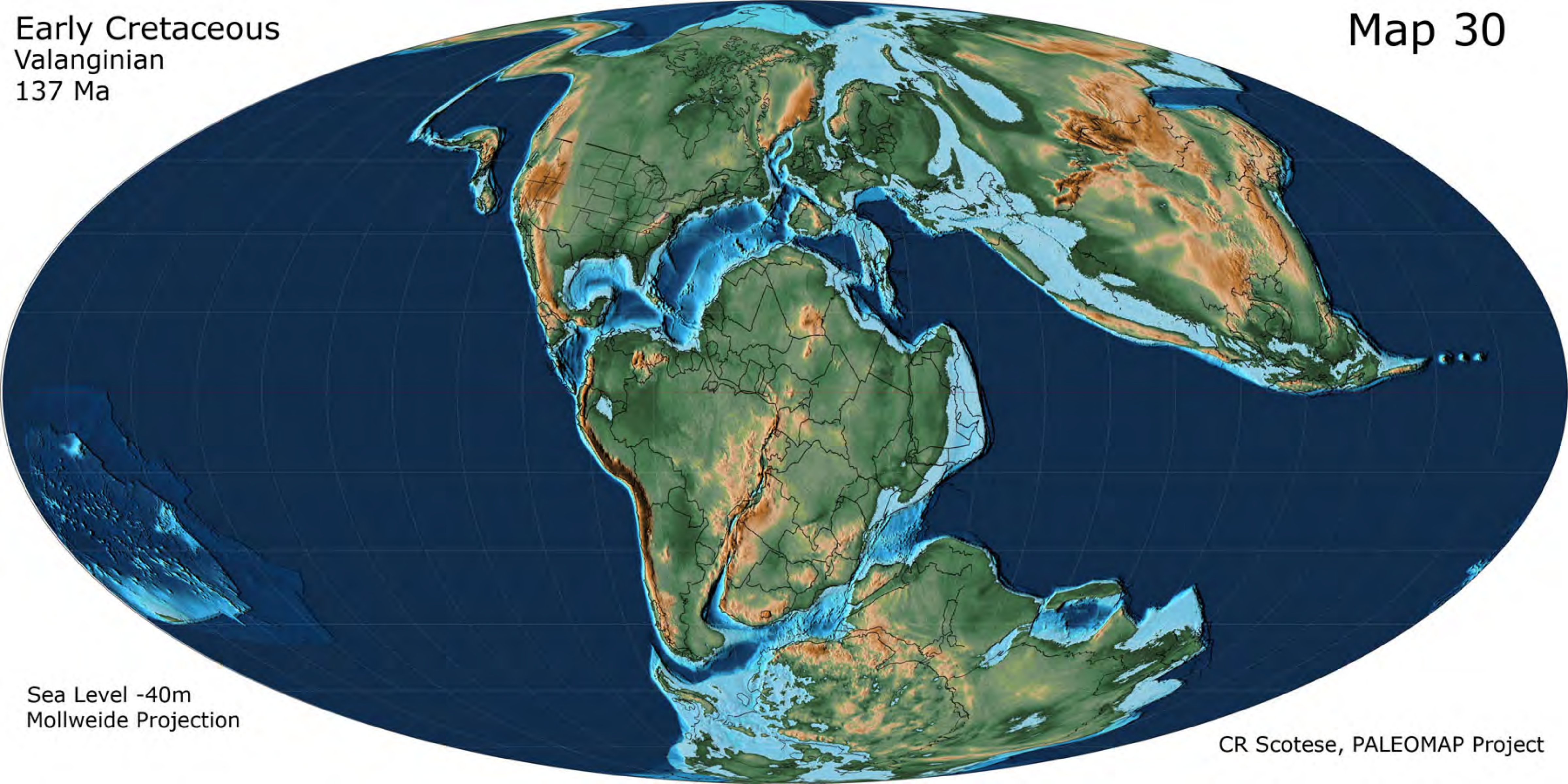


Early Cretaceous
Valanginian
137 Ma

Map 30

Sea Level +40m
Mollweide Projection

CR Scotese, PALEOMAP Project

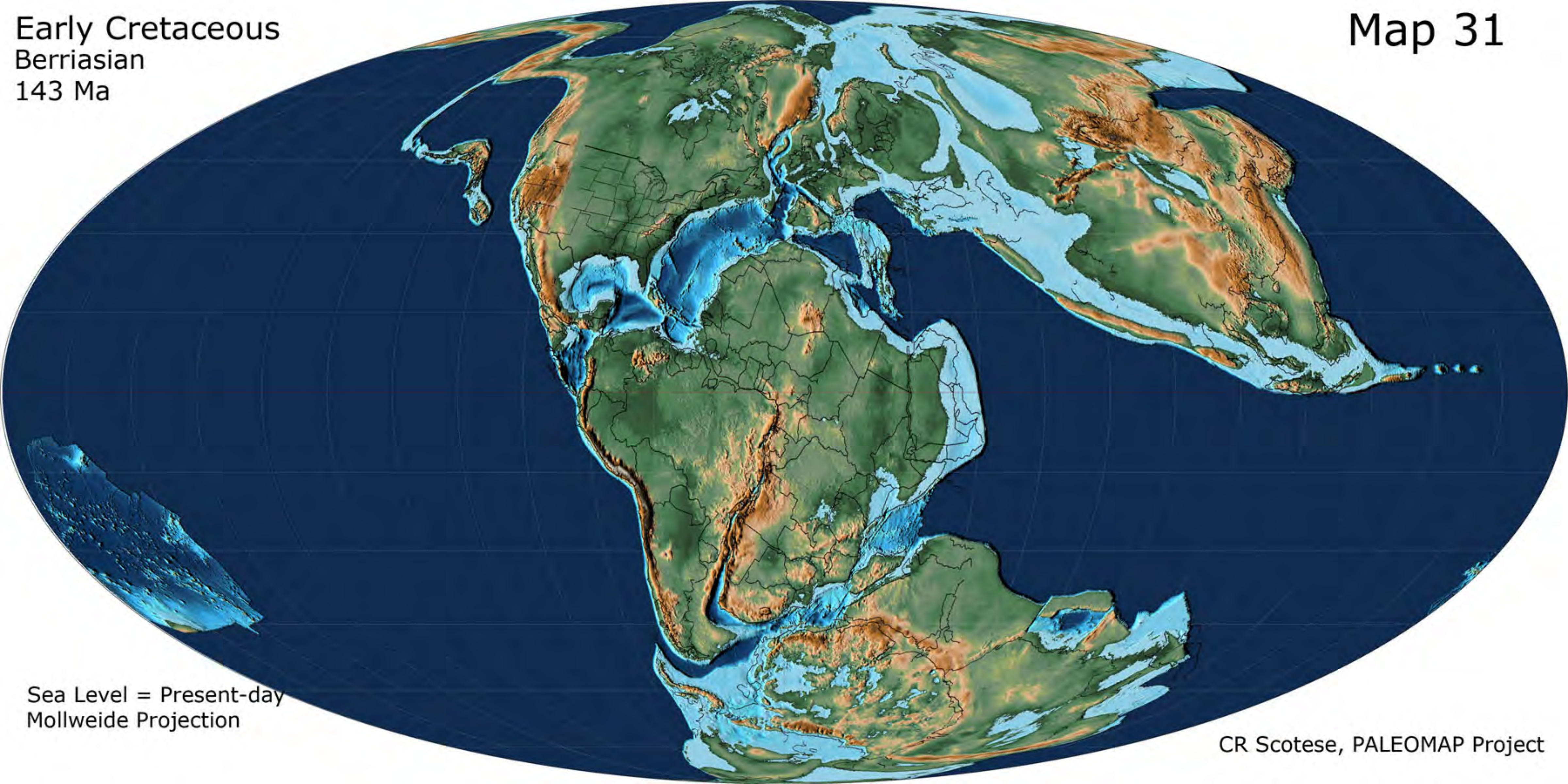


Early Cretaceous
Valanginian
137 Ma

Map 30

Sea Level -40m
Mollweide Projection

CR Scotese, PALEOMAP Project

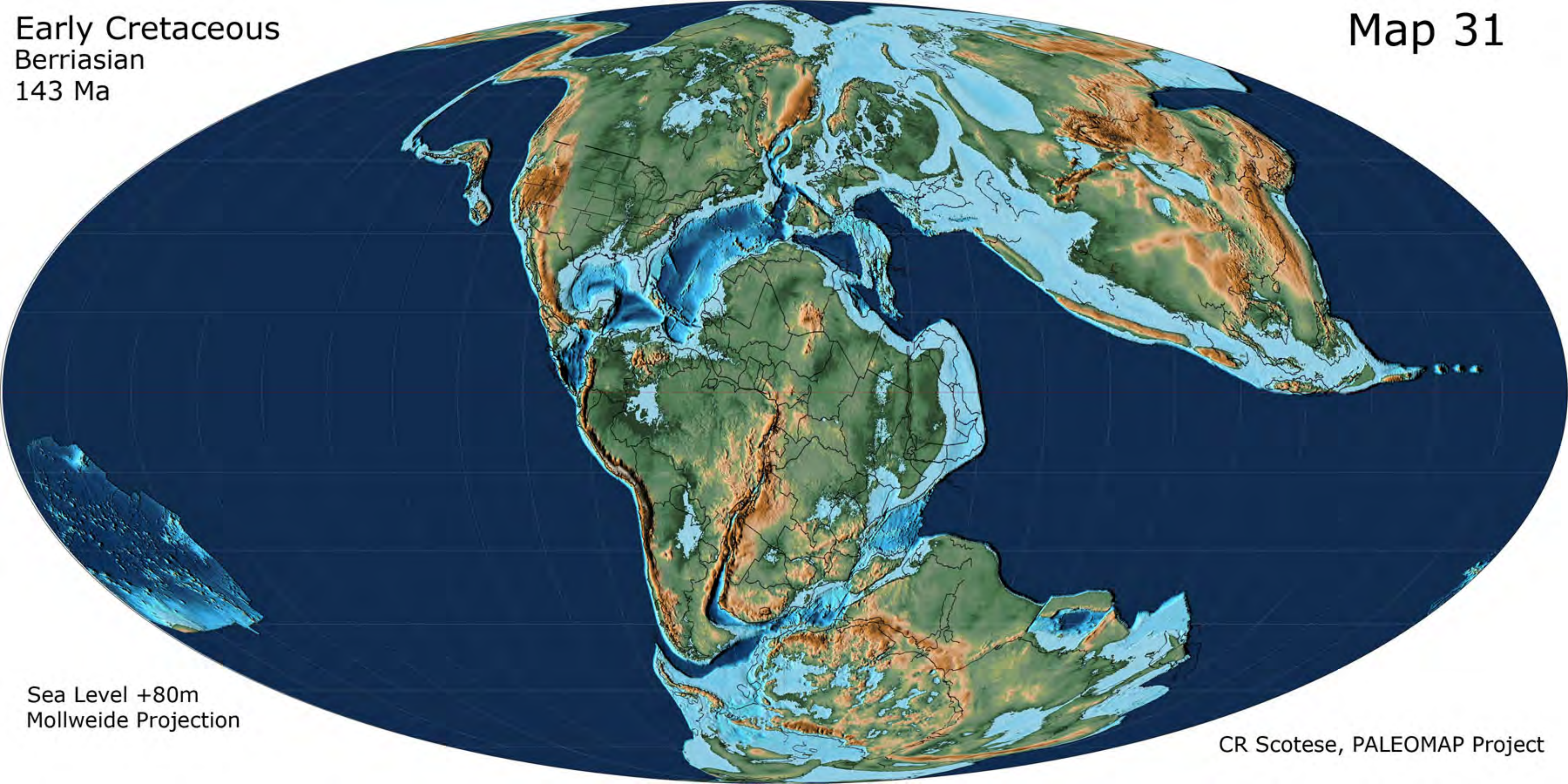


Early Cretaceous
Berriasian
143 Ma

Map 31

Sea Level = Present-day
Mollweide Projection

CR Scotese, PALEOMAP Project



Early Cretaceous
Berriasian
143 Ma

Map 31

Sea Level +80m
Mollweide Projection

CR Scotese, PALEOMAP Project