



Atlas of Devonian Paleogeographic Maps

CR Scotese, PALEOMAP Project

Atlas of Devonian Paleogeographic Maps

This Atlas of Devonian Paleogeographic Maps shows the changing paleogeography from the Lochkovian (413.6 Ma) to the Devonian–Carboniferous Boundary (359.2 Ma). The maps are from volume 4 of the PALEOMAP PaleoAtlas for ArcGIS (Scotese, 2014). Absolute age assignments are from Gradstein, Ogg & Smith (2008). An additional map showing the disposition of the three major early Devonian faunal provinces (Malvinokaffric, Appalachian, and Rhenish–Bohemian; Cocks & Torsvik, 2002; Figure 9.) has also been included.

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

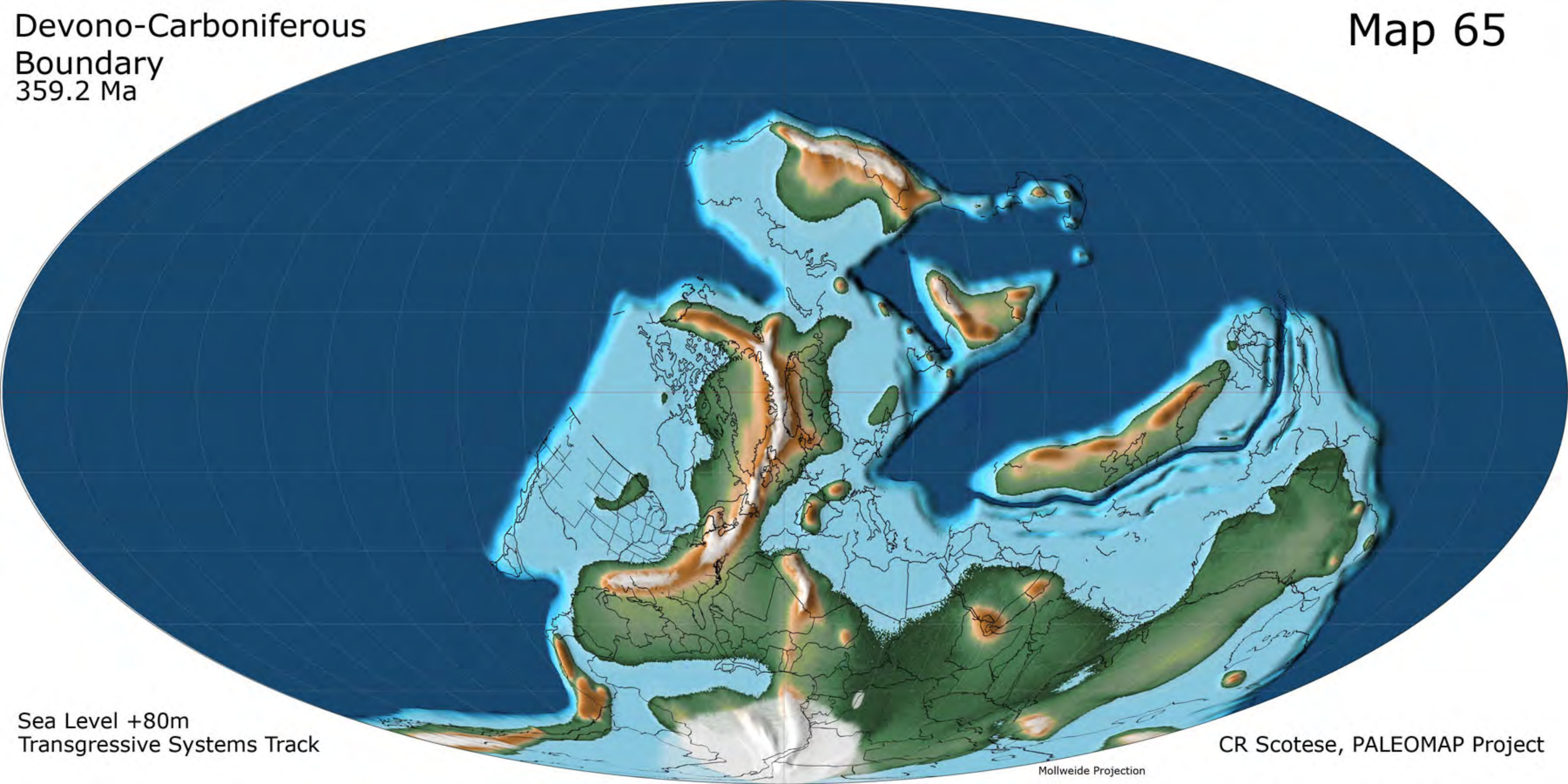
- Map 65 Devonian–Carboniferous Boundary (359.2 Ma) Transgressive Systems Track
- Map 66 Late Devonian (early Famennian, 370.3 Ma) Tournasian Supersequence Boundary
- Map 67 Late Devonian (Frasnian, 379.9 Ma) Maximum Flooding Surface
- Map 68 Middle Devonian (Givetian, 388.2 Ma) Frasnian Supersequence Boundary
- Map 69 Middle Devonian (Eifelian, 394.3 Ma) Transgressive Systems Tract
- Map 70 Early Devonian (Emsian, 402.3 Ma) Maximum Flooding Surface
- Map 71 Early Devonian (Pragian, 409.1 Ma) Emsian Supersequence Boundary
- Map 72 Early Devonian (Lochkovian, 413.6 Ma) Lochkovian Supersequence Boundary

This work should be cited as

Scotese, C.R., 2014. Atlas of Devonian Paleogeographic Maps, PALEOMAP Atlas for ArcGIS, volume 4, The Late Paleozoic, Maps 65–72, Mollweide Projection, PALEOMAP Project, Evanston, IL.

Devono-Carboniferous
Boundary
359.2 Ma

Map 65



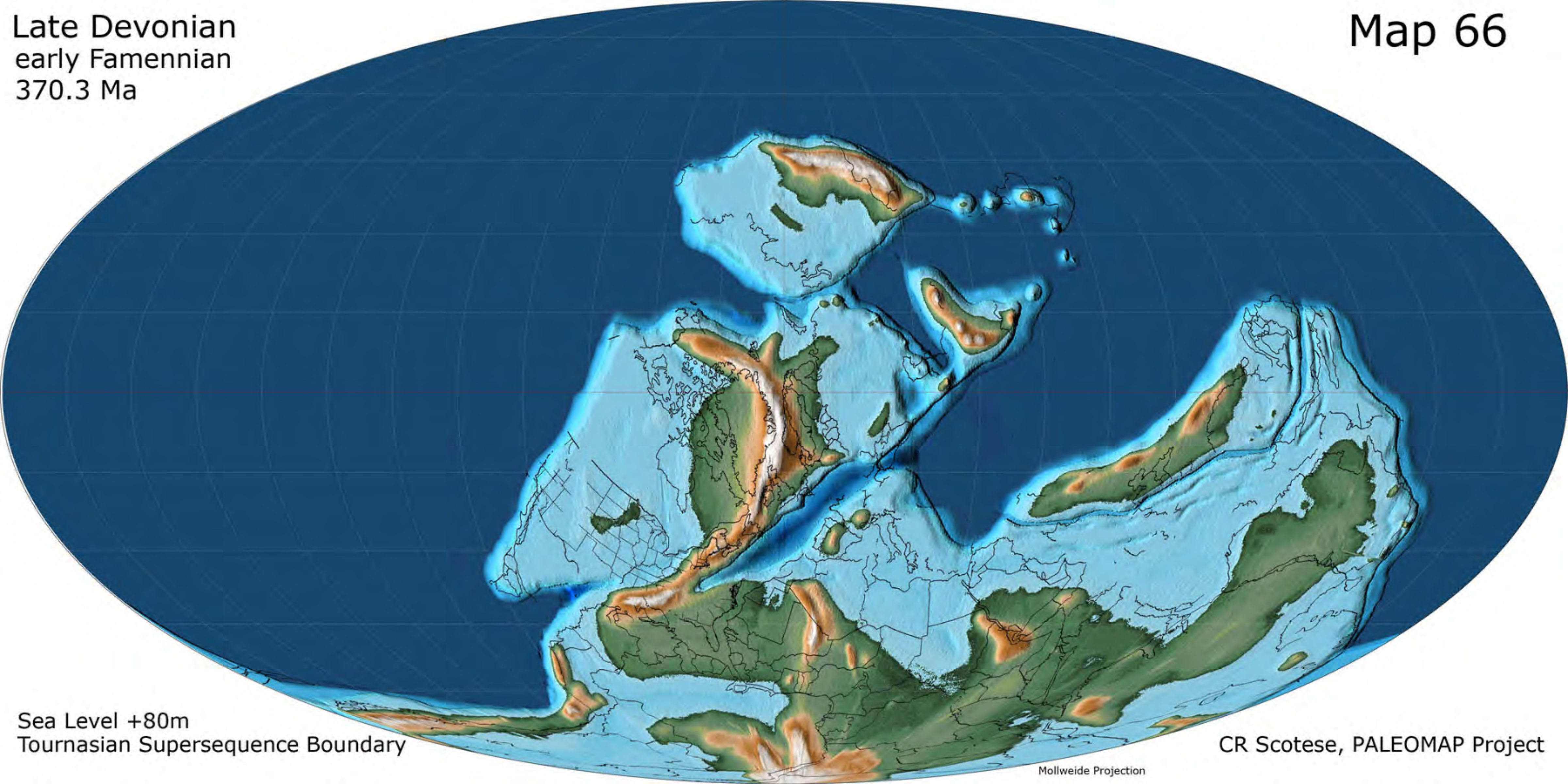
Sea Level +80m
Transgressive Systems Track

CR Scotese, PALEOMAP Project

Mollweide Projection

Late Devonian
early Famennian
370.3 Ma

Map 66



Sea Level +80m
Tournasian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

Late Devonian
Frasnian
379.9 Ma

Map 67



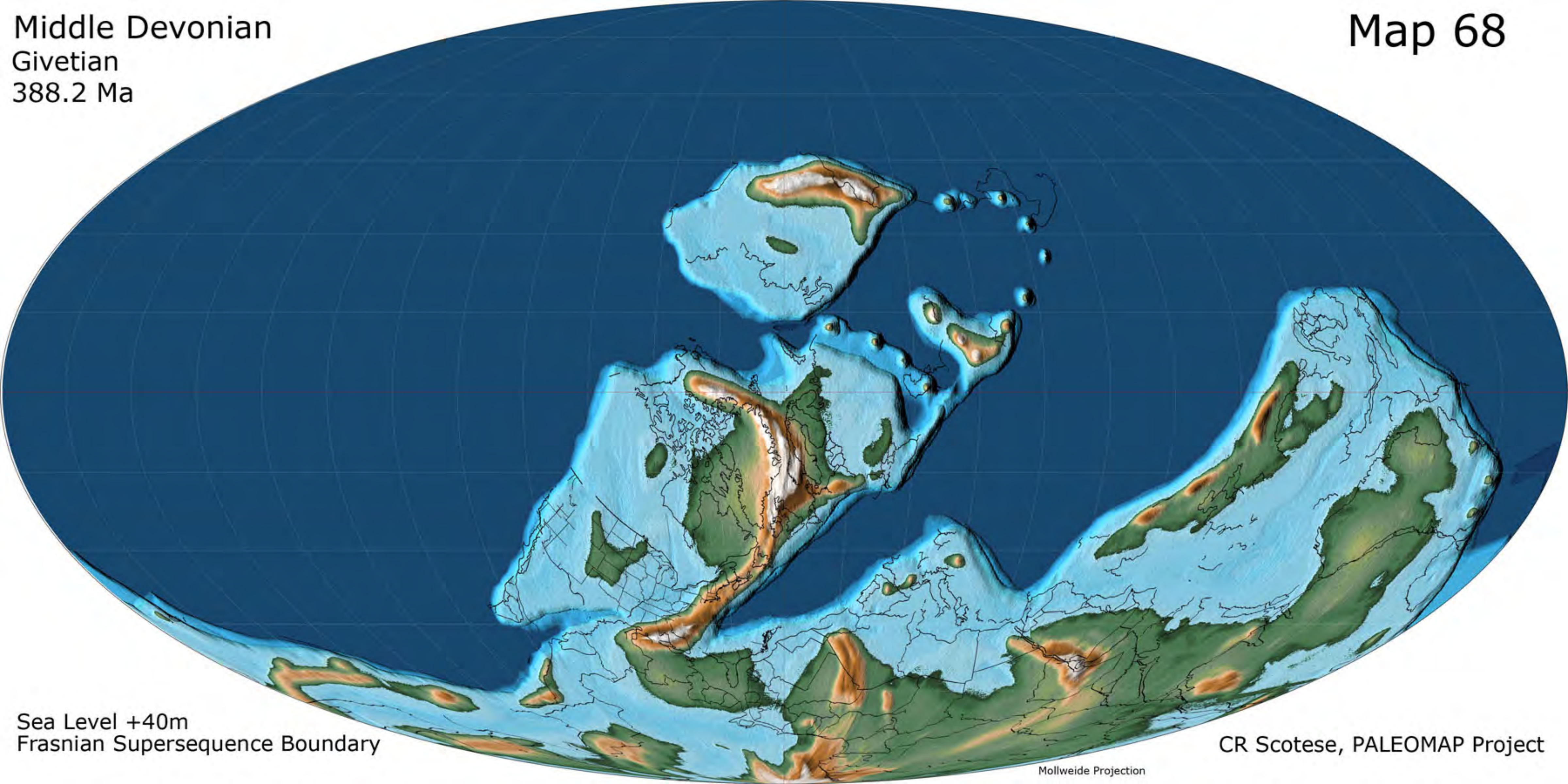
Sea Level +120m
Maximum Flooding Surface

CR Scotese, PALEOMAP Project

Mollweide Projection

Middle Devonian
Givetian
388.2 Ma

Map 68



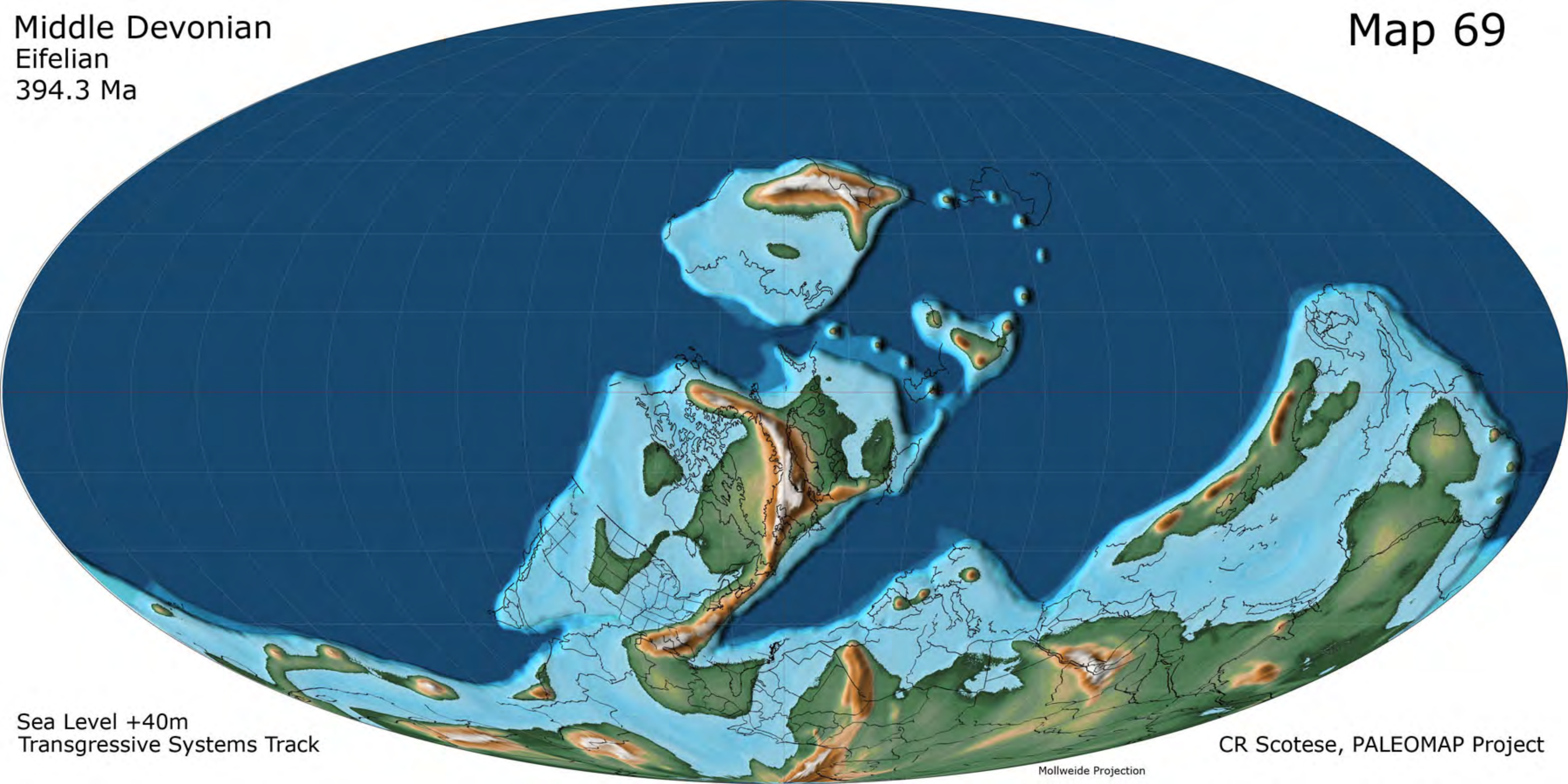
Sea Level +40m
Frasnian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

Middle Devonian
Eifelian
394.3 Ma

Map 69



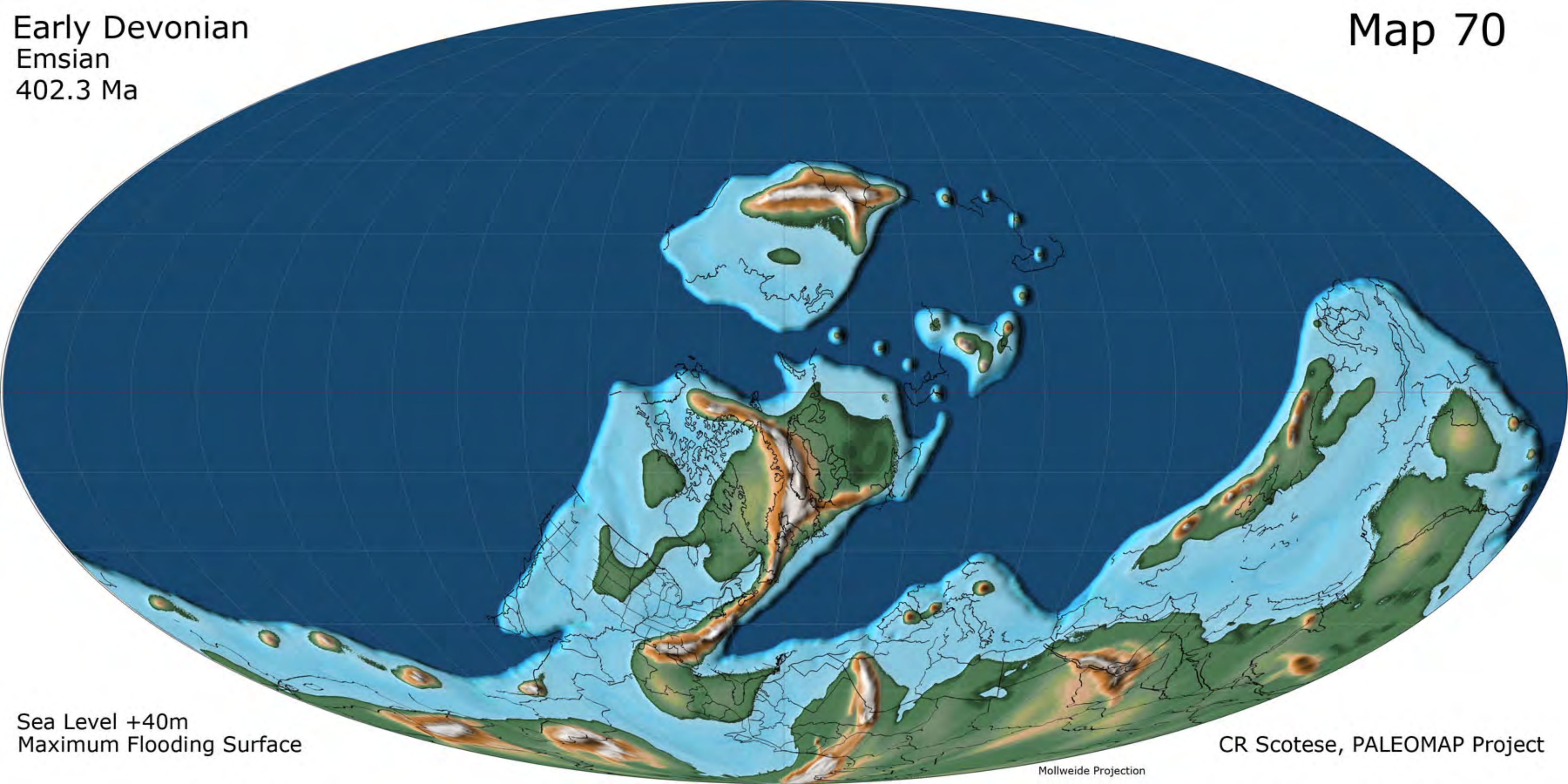
Sea Level +40m
Transgressive Systems Track

CR Scotese, PALEOMAP Project

Mollweide Projection

Early Devonian
Emsian
402.3 Ma

Map 70



Sea Level +40m
Maximum Flooding Surface

CR Scotese, PALEOMAP Project

Mollweide Projection

Early Devonian
Pragian
409.1 Ma

Map 71



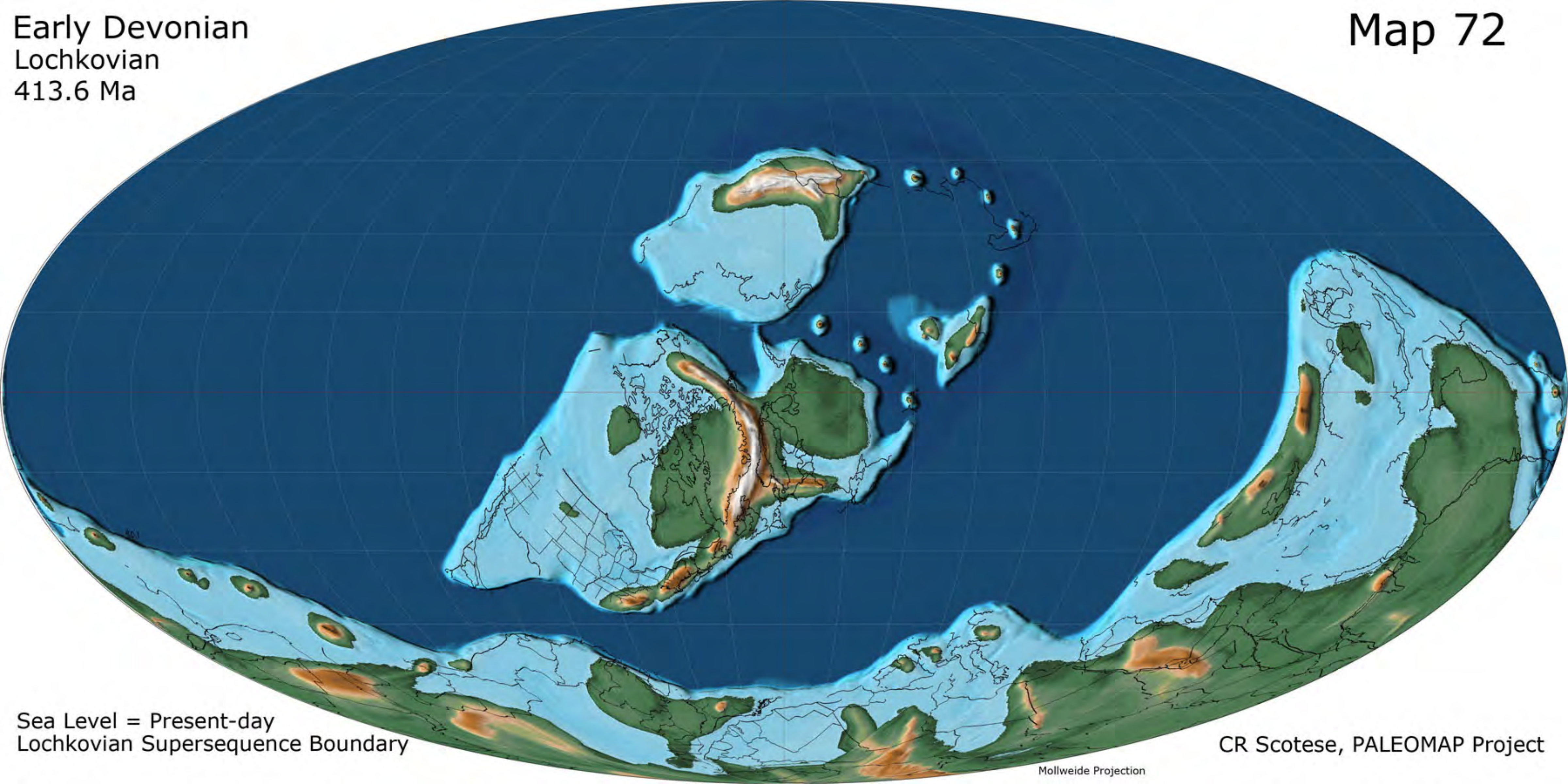
Sea Level = Present-day
Emsian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

Early Devonian
Lochkovian
413.6 Ma

Map 72



Sea Level = Present-day
Lochkovian Supersequence Boundary

CR Scotese, PALEOMAP Project

Mollweide Projection

