

The **PLATES**
2011 Atlas
of Plate Reconstructions
(500 Ma to Present Day)

By
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I.O. Norton and L.M. Gahagan

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The **Plates** Project
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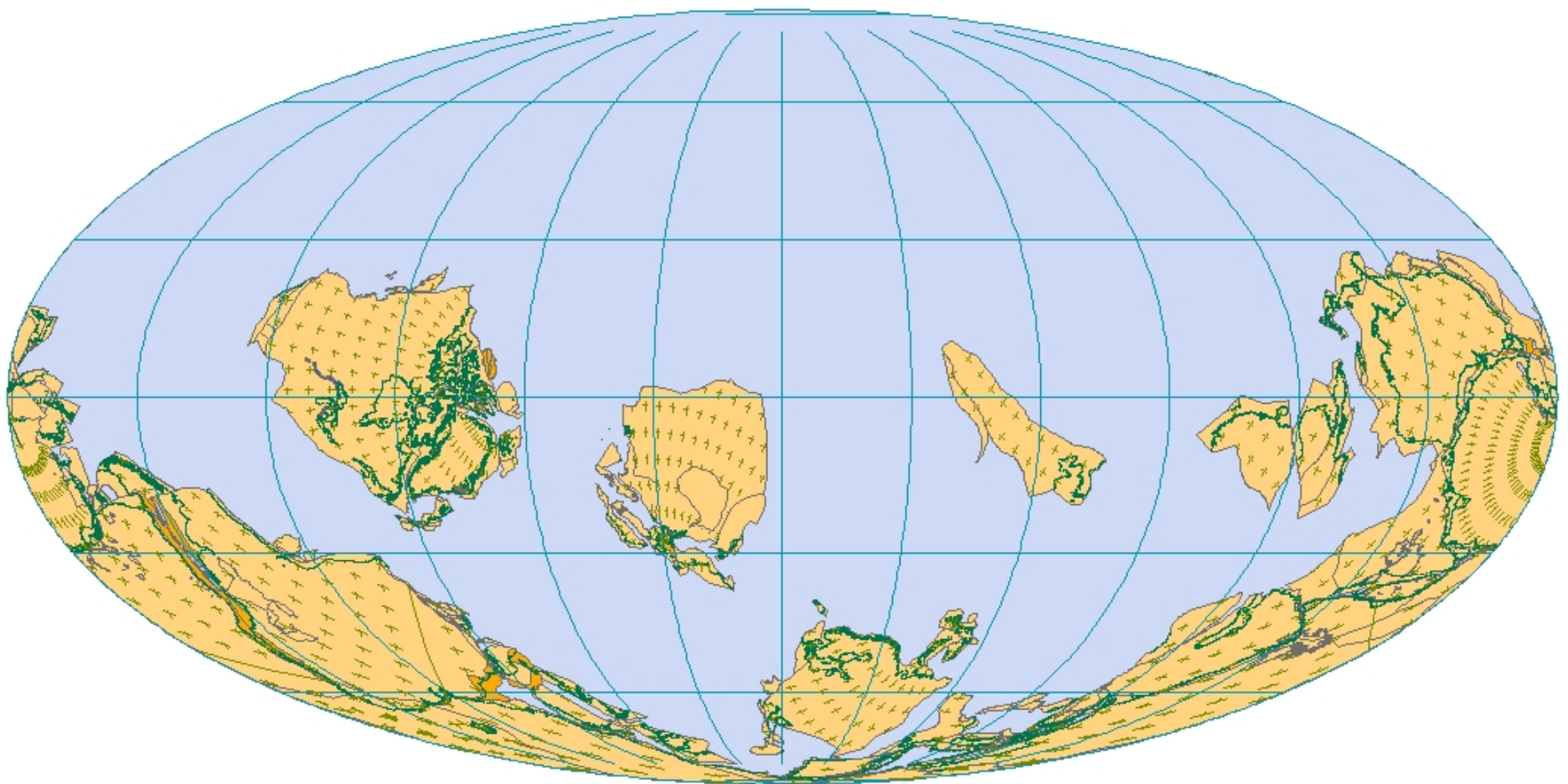
Steve Cande	Scripps Institute of Oceanography, California
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Olav Eldholm	University of Oslo, Norway
Tung-Yi Lee	National Taiwan Normal University
Paul Mann	University of Texas Institute for Geophysics
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Robert D. Rogers	University of Puerto Rico, Mayaguez
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David Sandwell	Scripps Institute of Oceanography, California

This atlas was made possible through the scientific contributions of many researchers, from UTIG and from other institutions. Their efforts are highly appreciated by the members of the **Plates** research team.

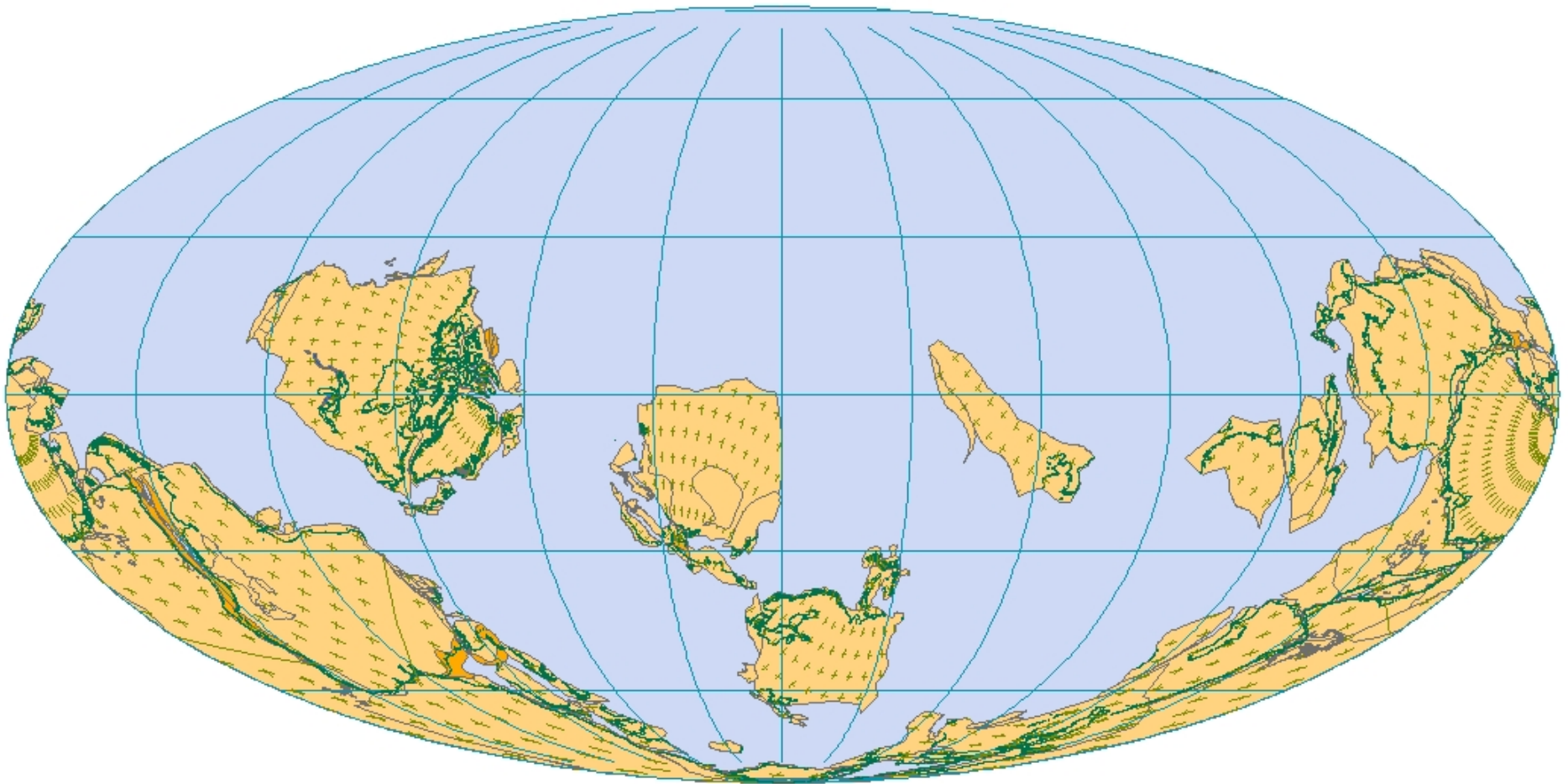
This atlas should be referenced as follows:

Lawver, L.A., Dalziel, I.W.D., Norton, I.O., and Gahagan, L.M., 2011, The **Plates** 2011 Atlas of Plate Reconstructions (500 Ma to Present Day), **Plates** Progress Report No. 345-0811, University of Texas Technical Report No. 198, 189 pp.

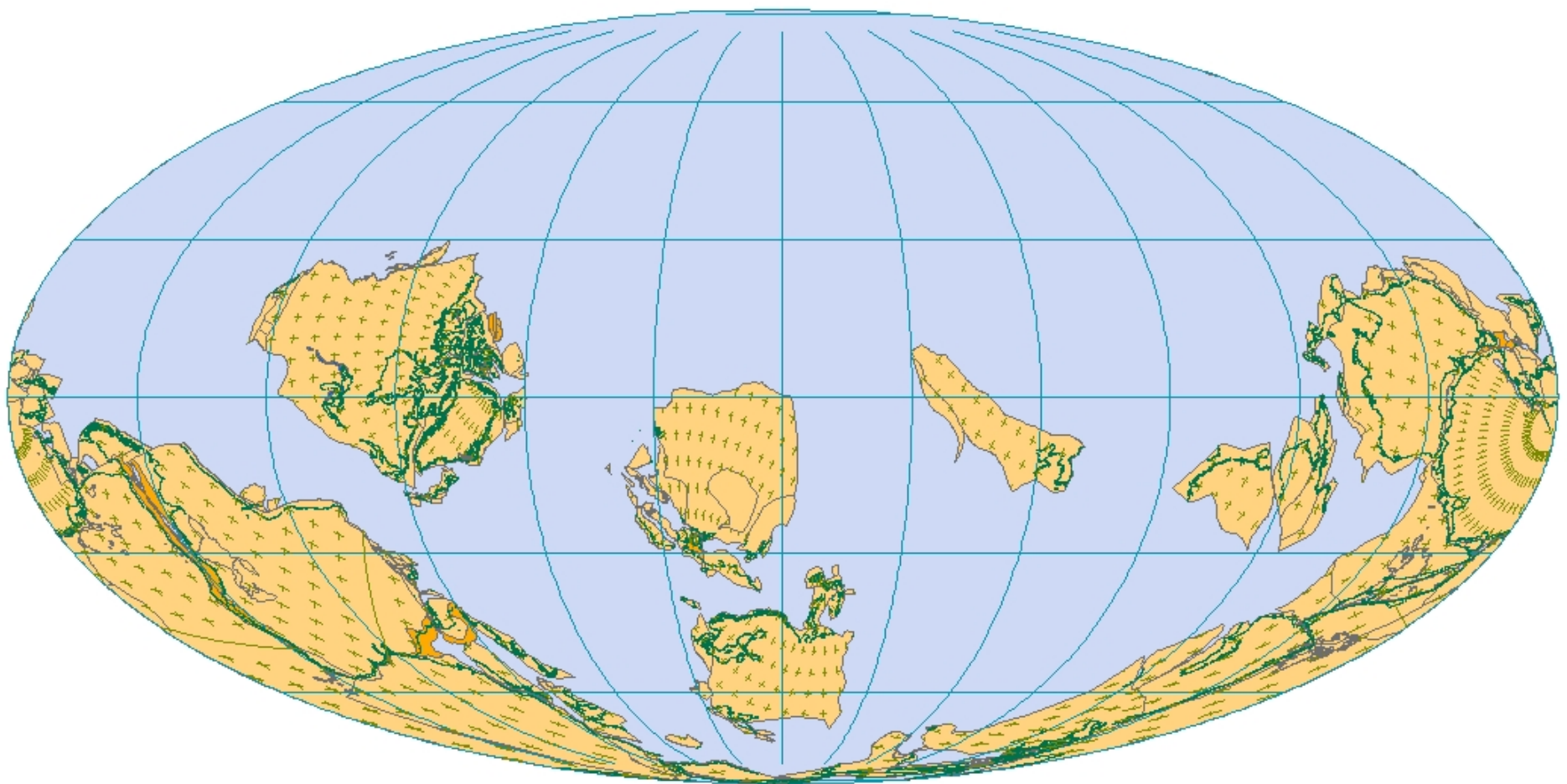
This atlas has global reconstructions, north polar and south polar reconstructions.



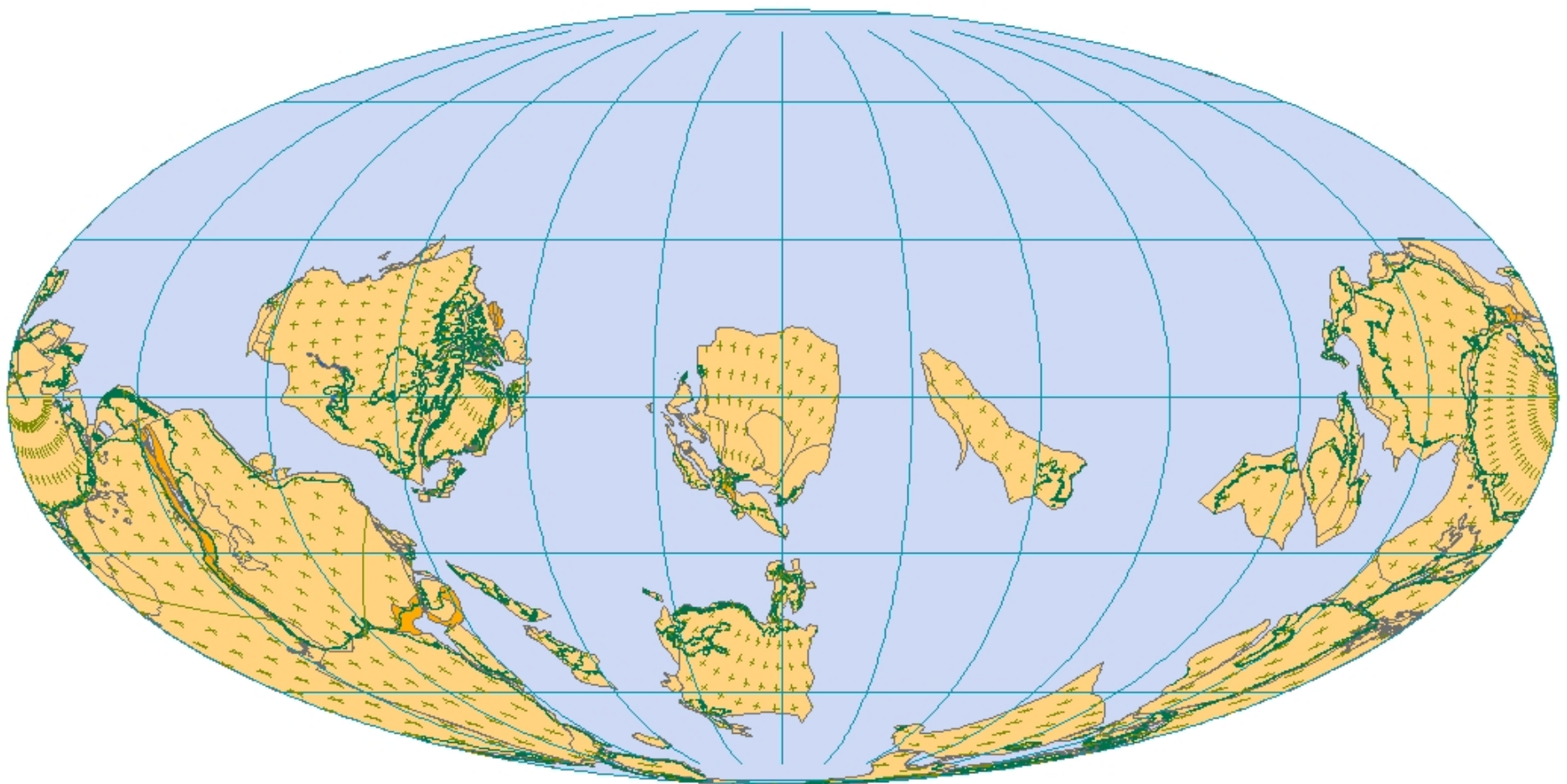
500Ma (Tremadocian)



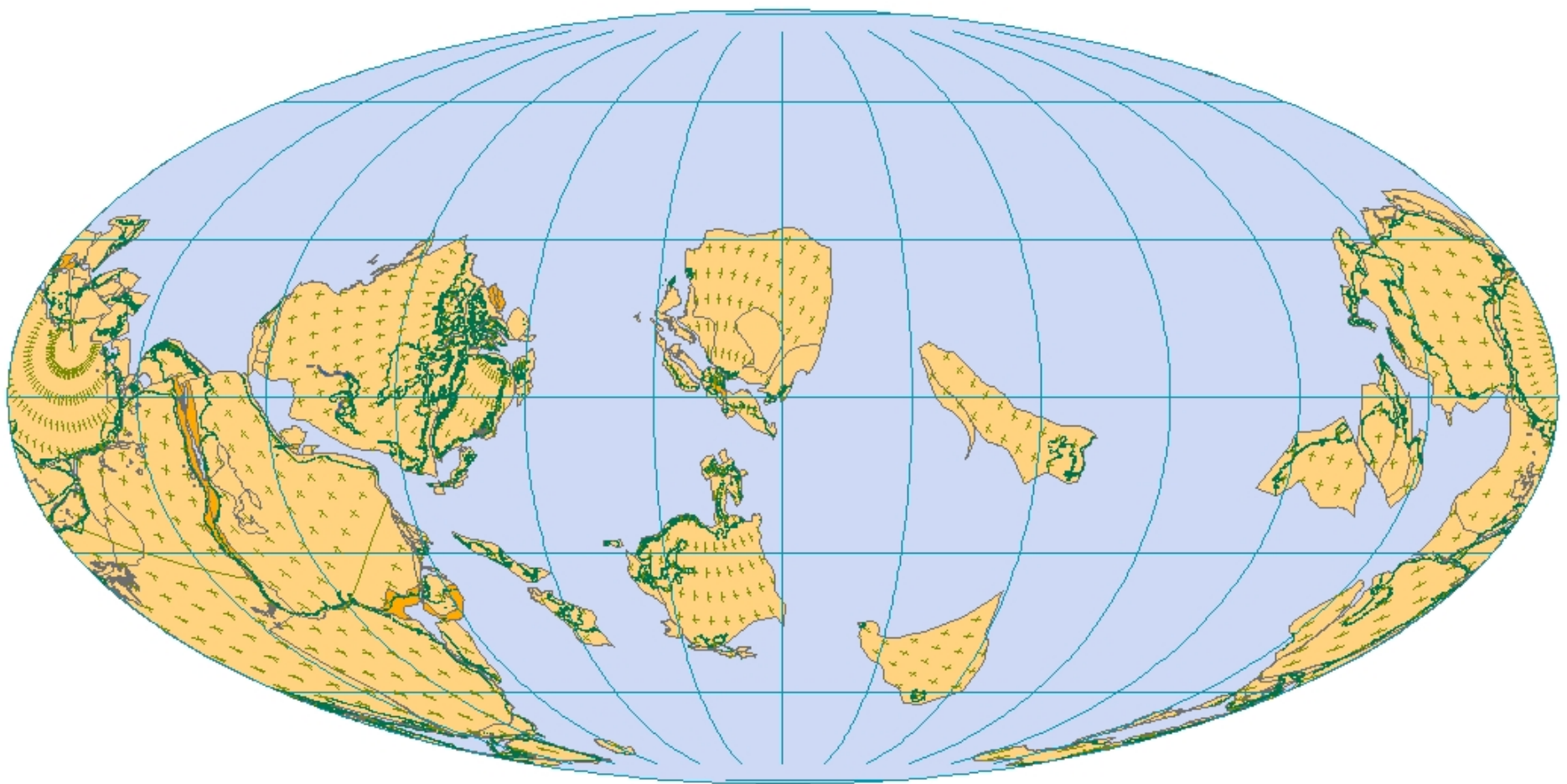
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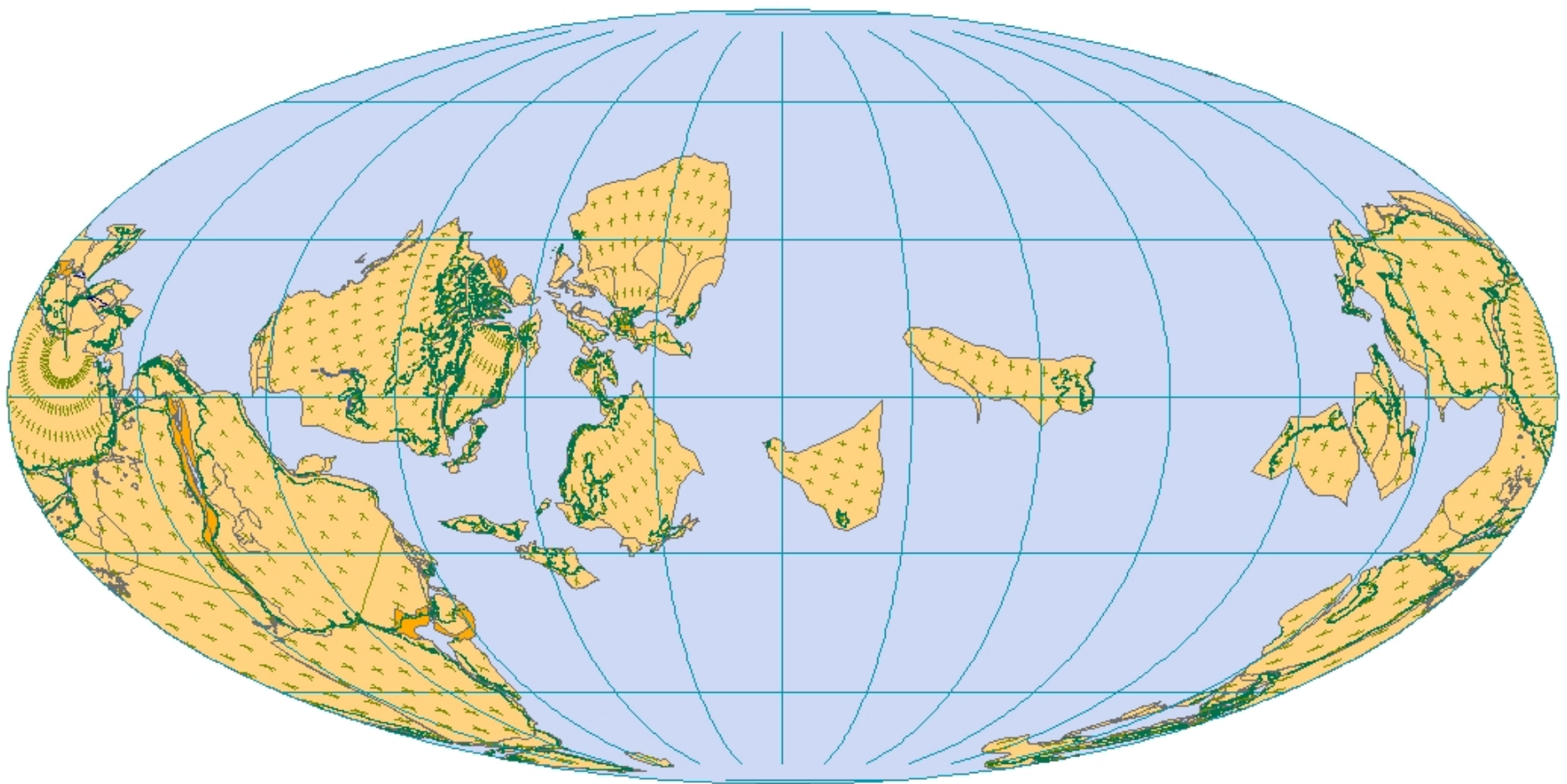
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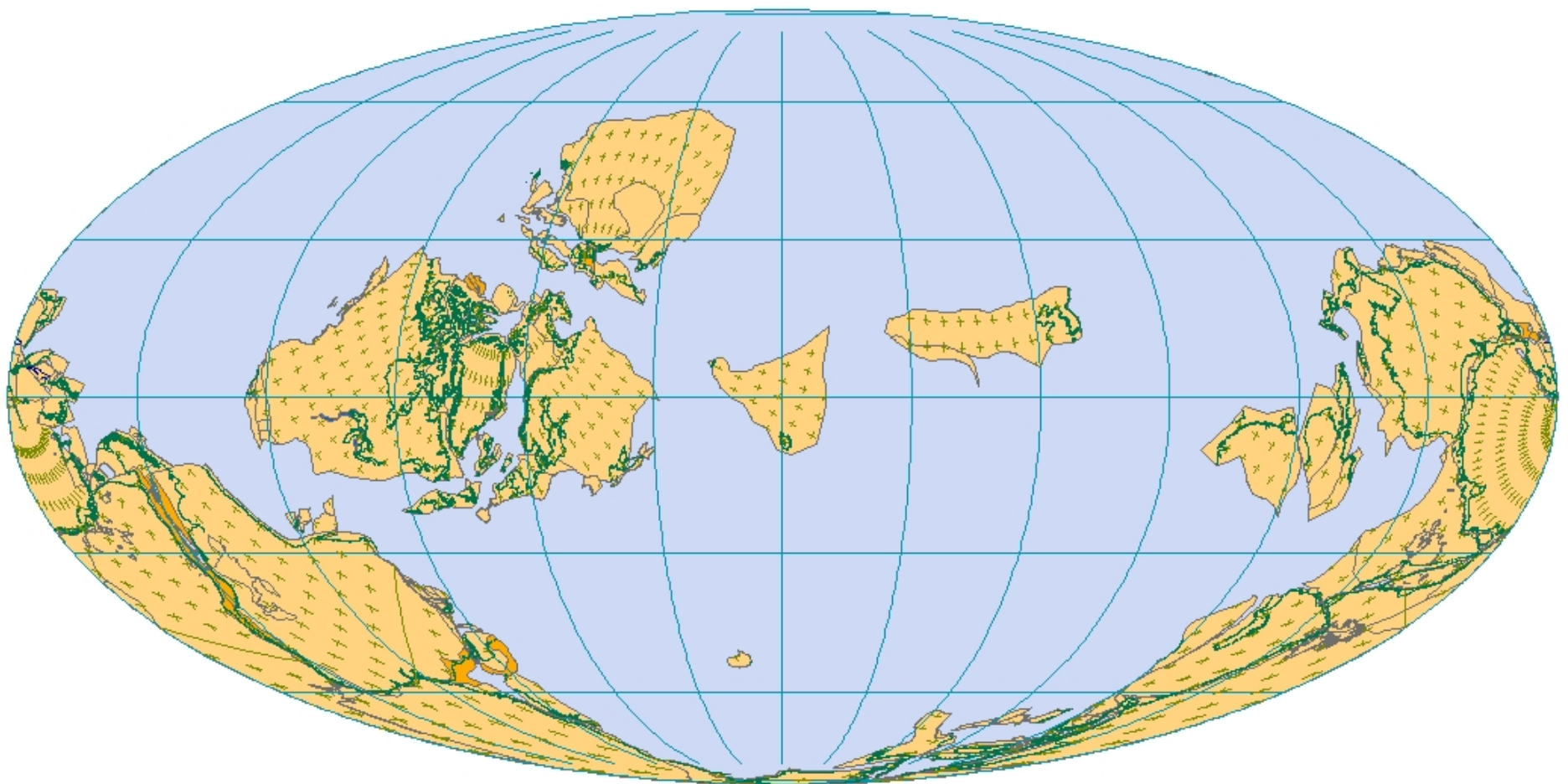
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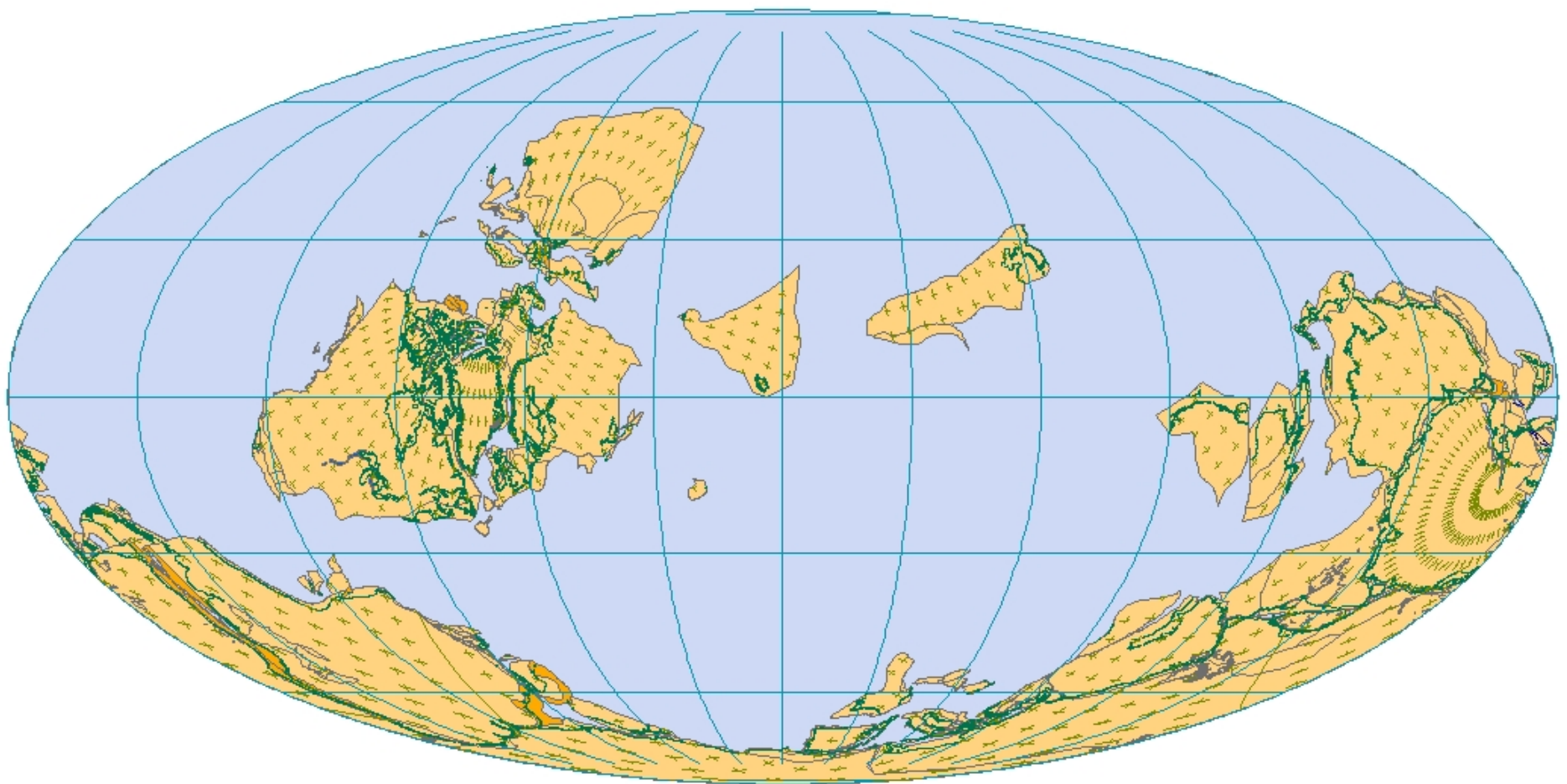
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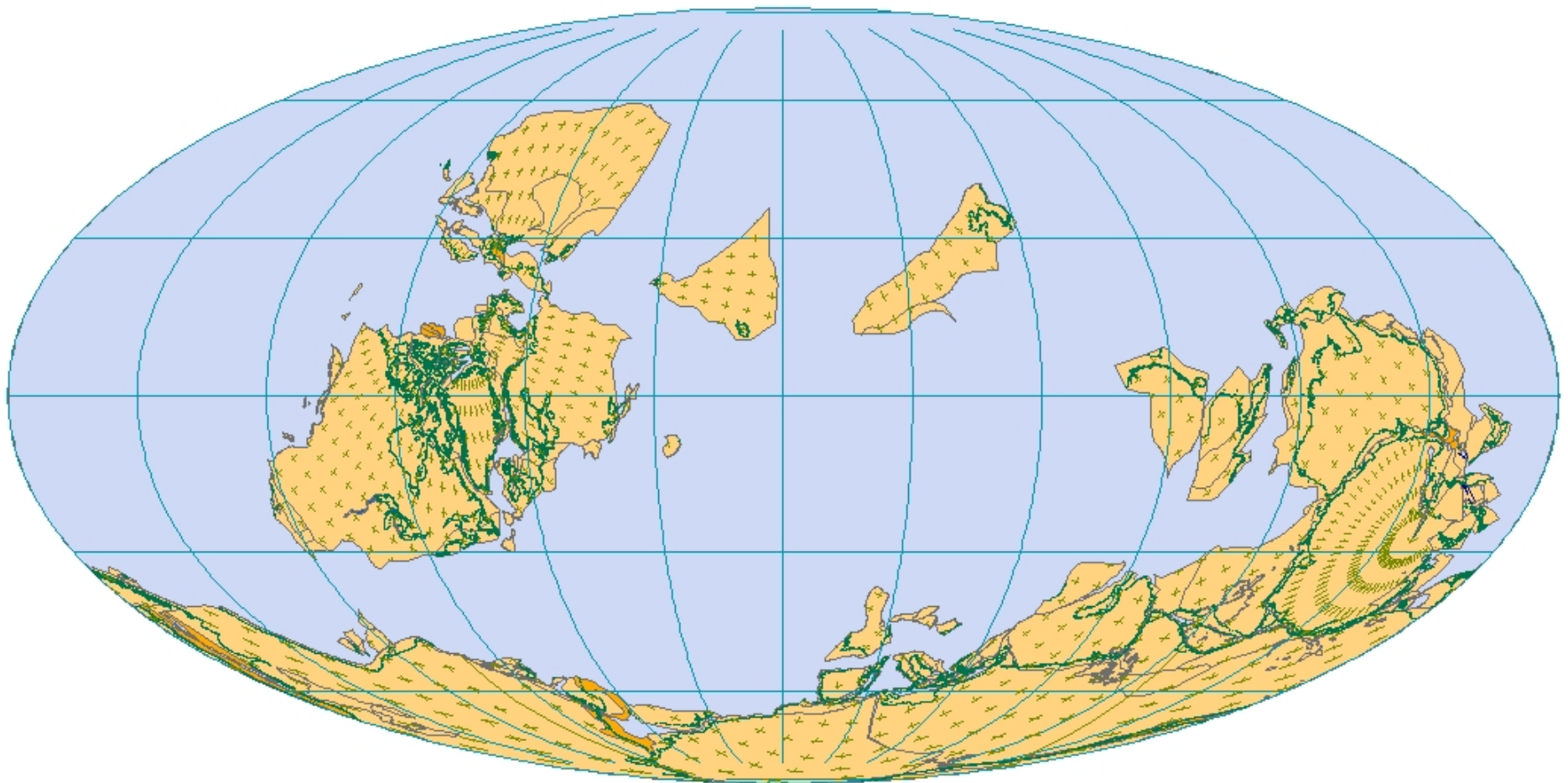
450Ma (Caradocian)



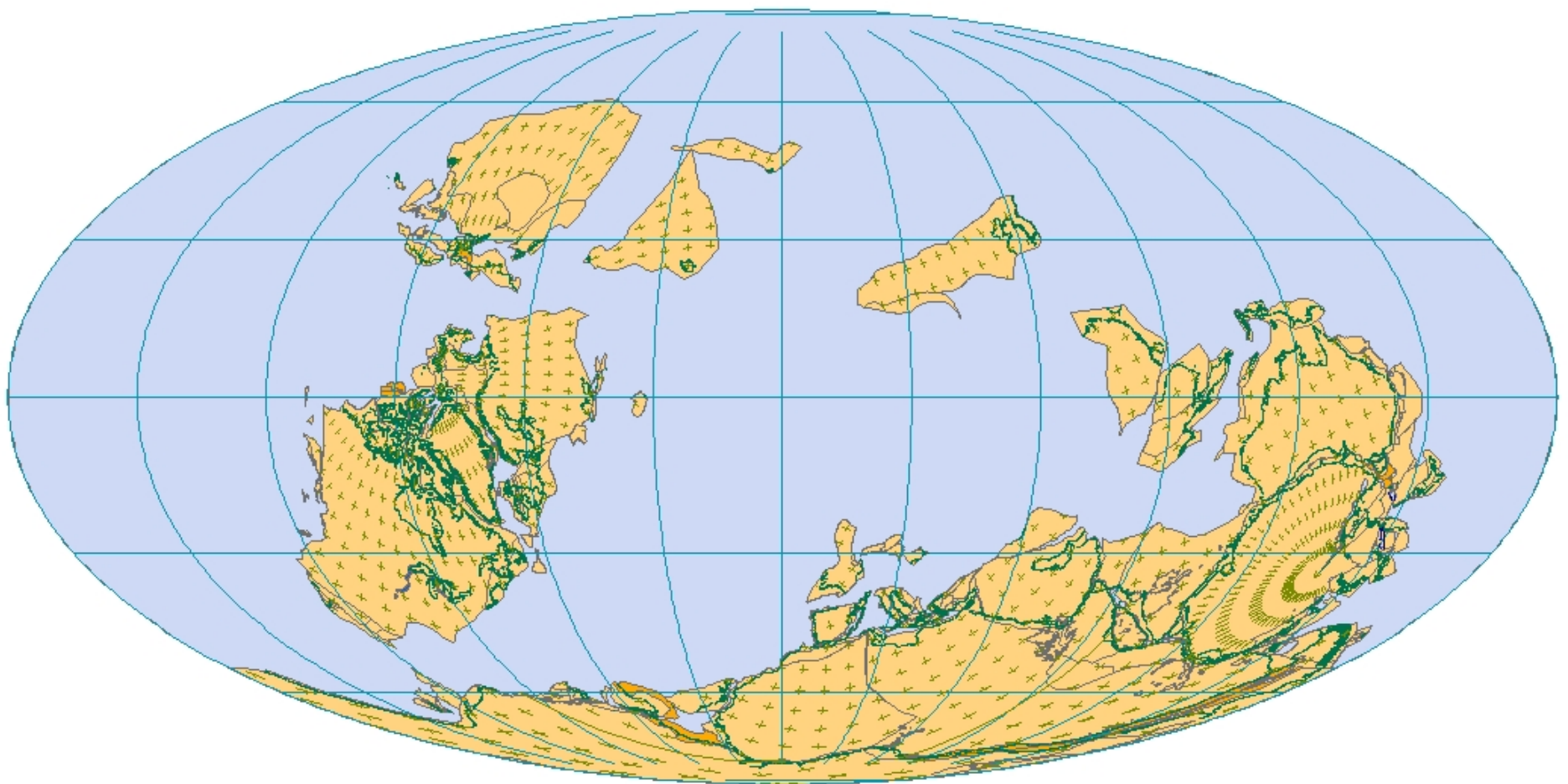
440Ma (Ashgillian)



430Ma (Llandoveryan)



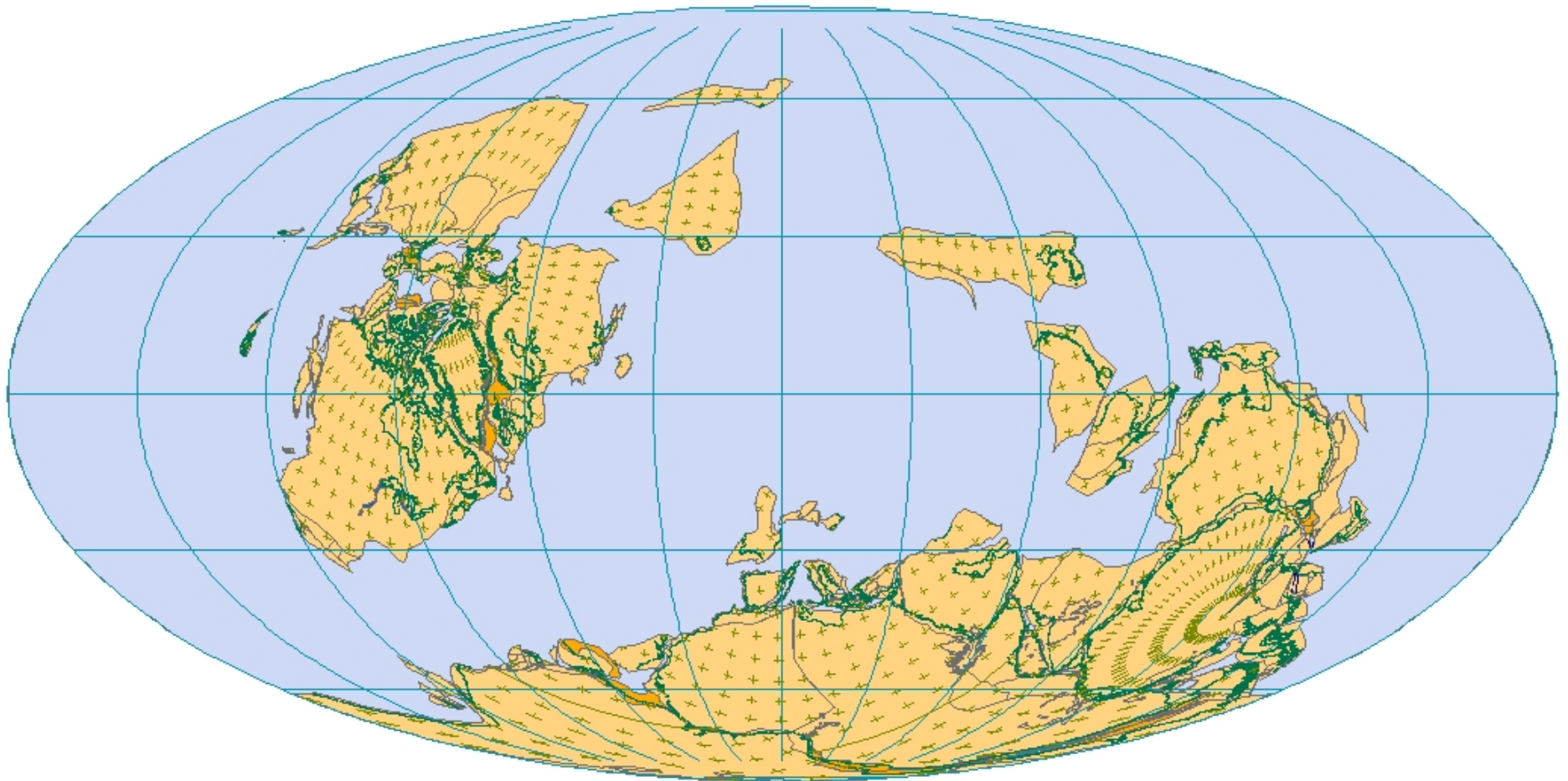
420Ma (Ludlovian)



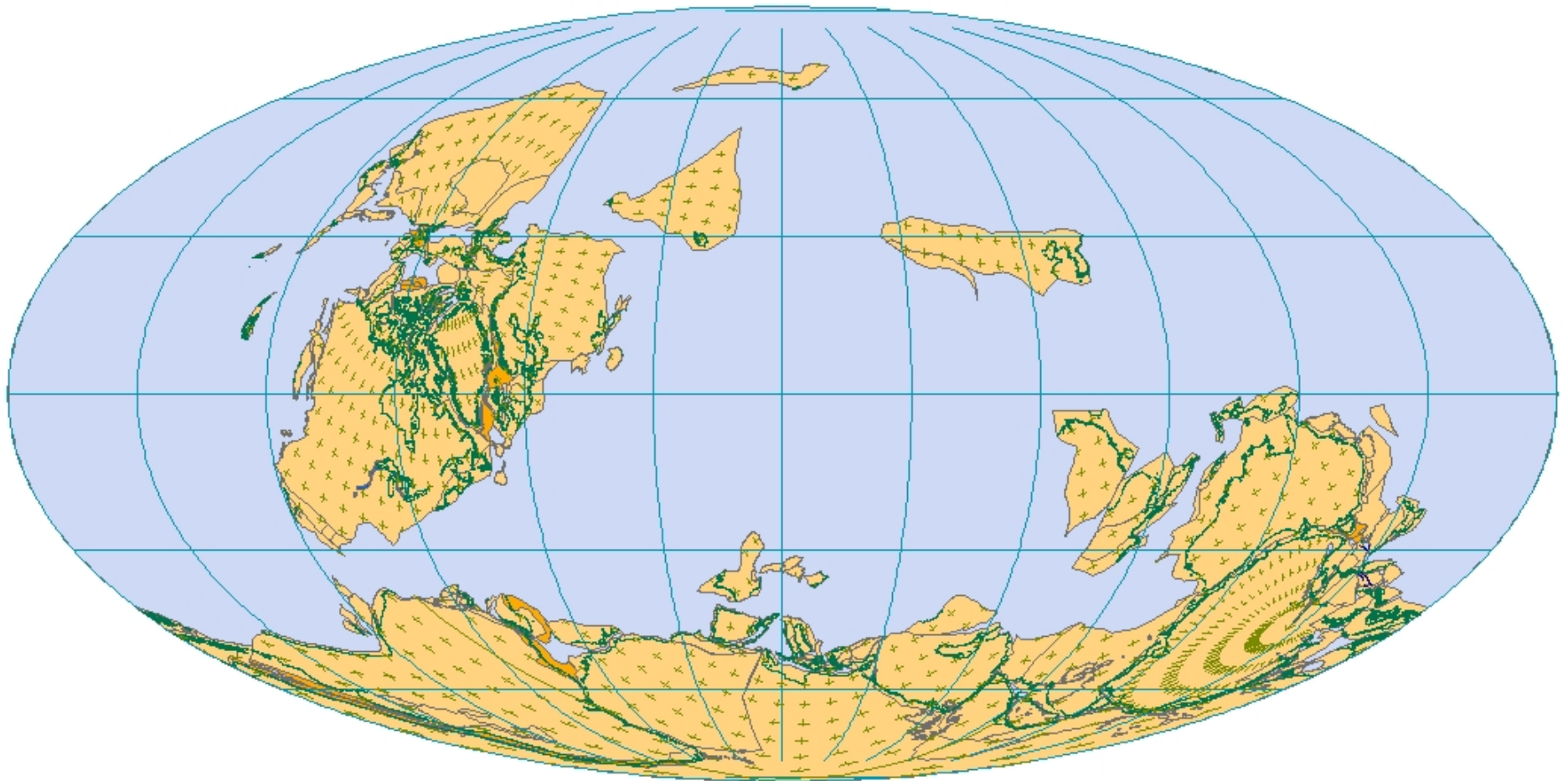
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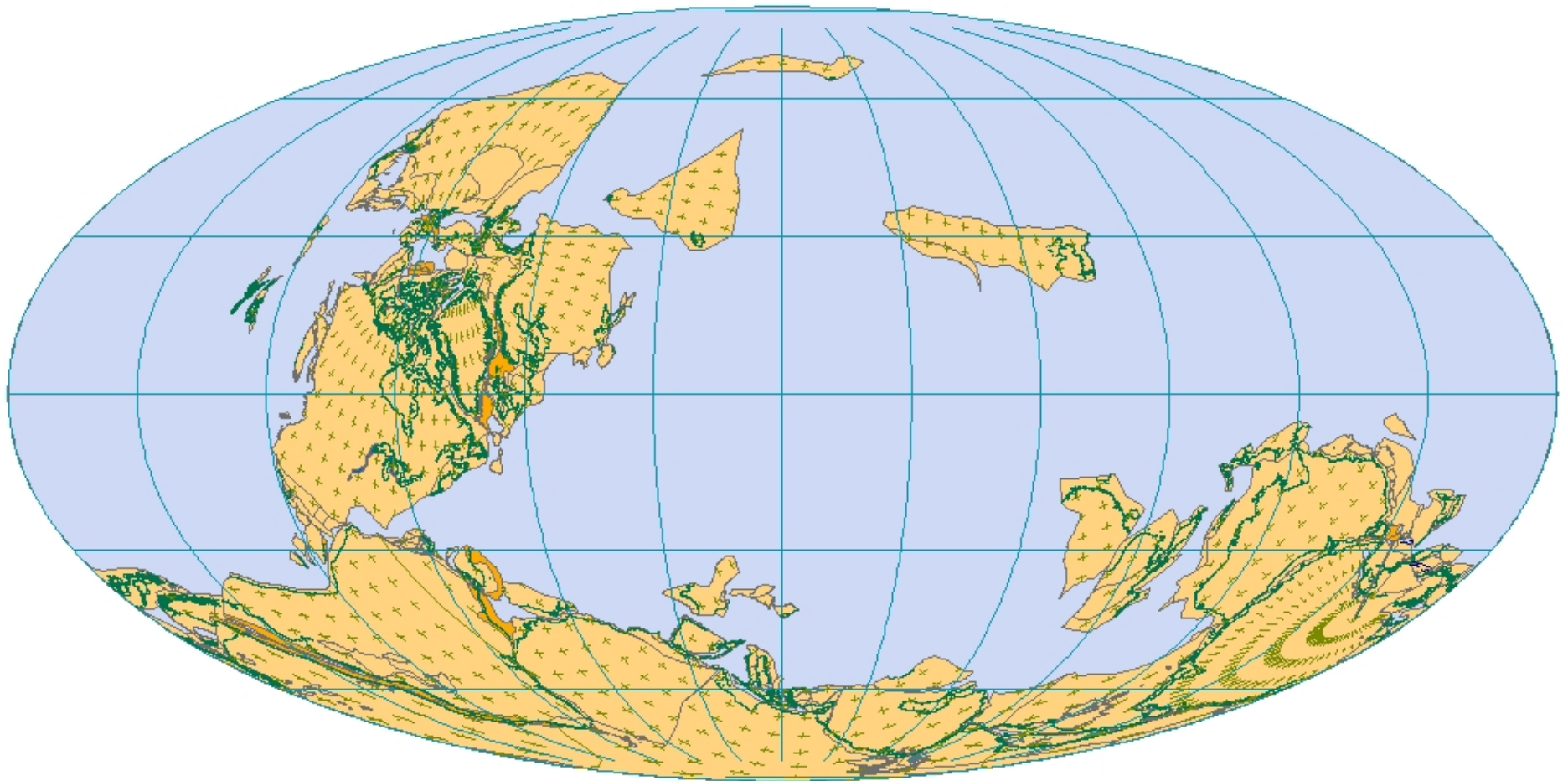
400Ma (Siegenian)



390Ma (Emsian)



380Ma (Givetian)



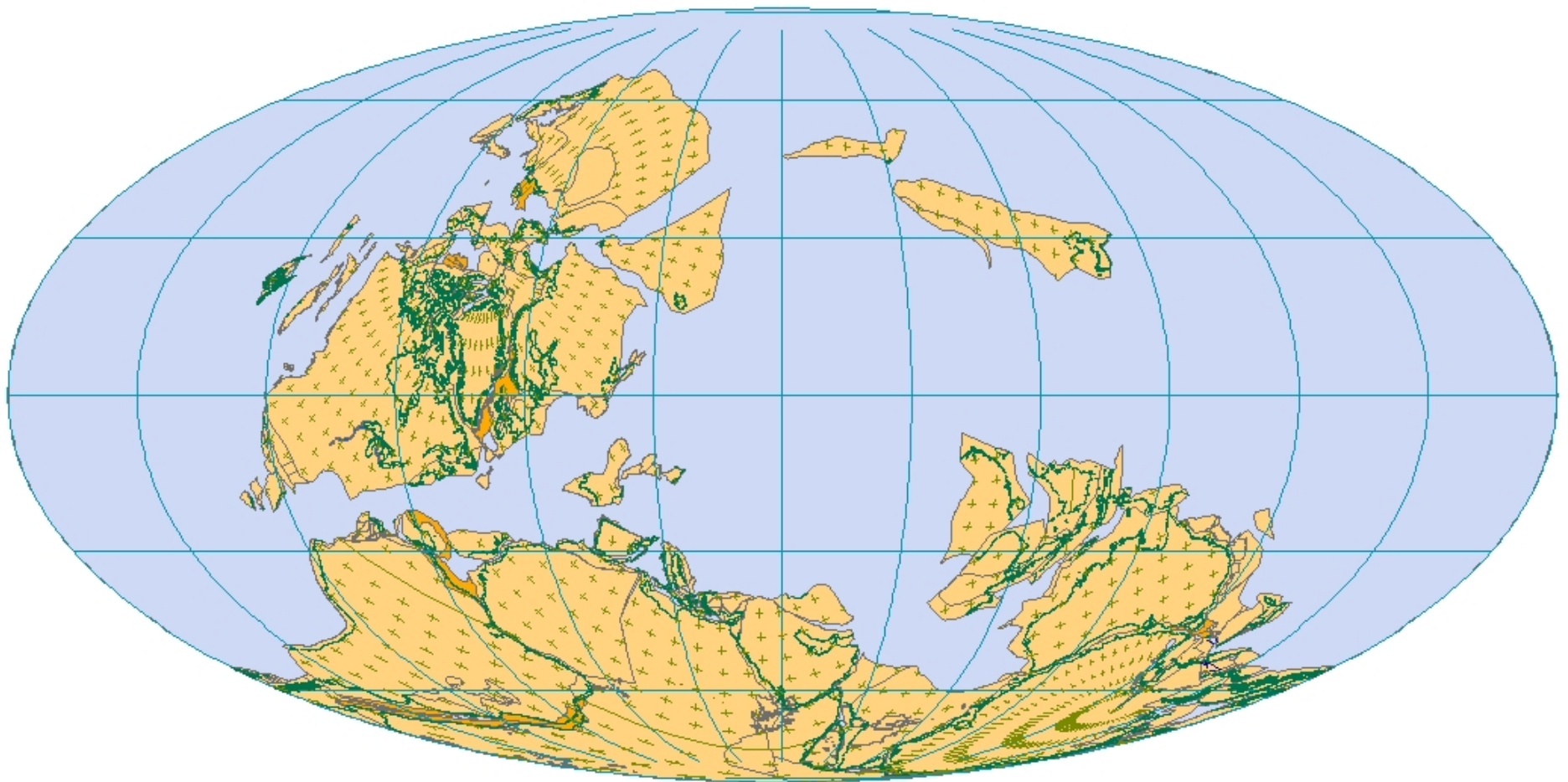
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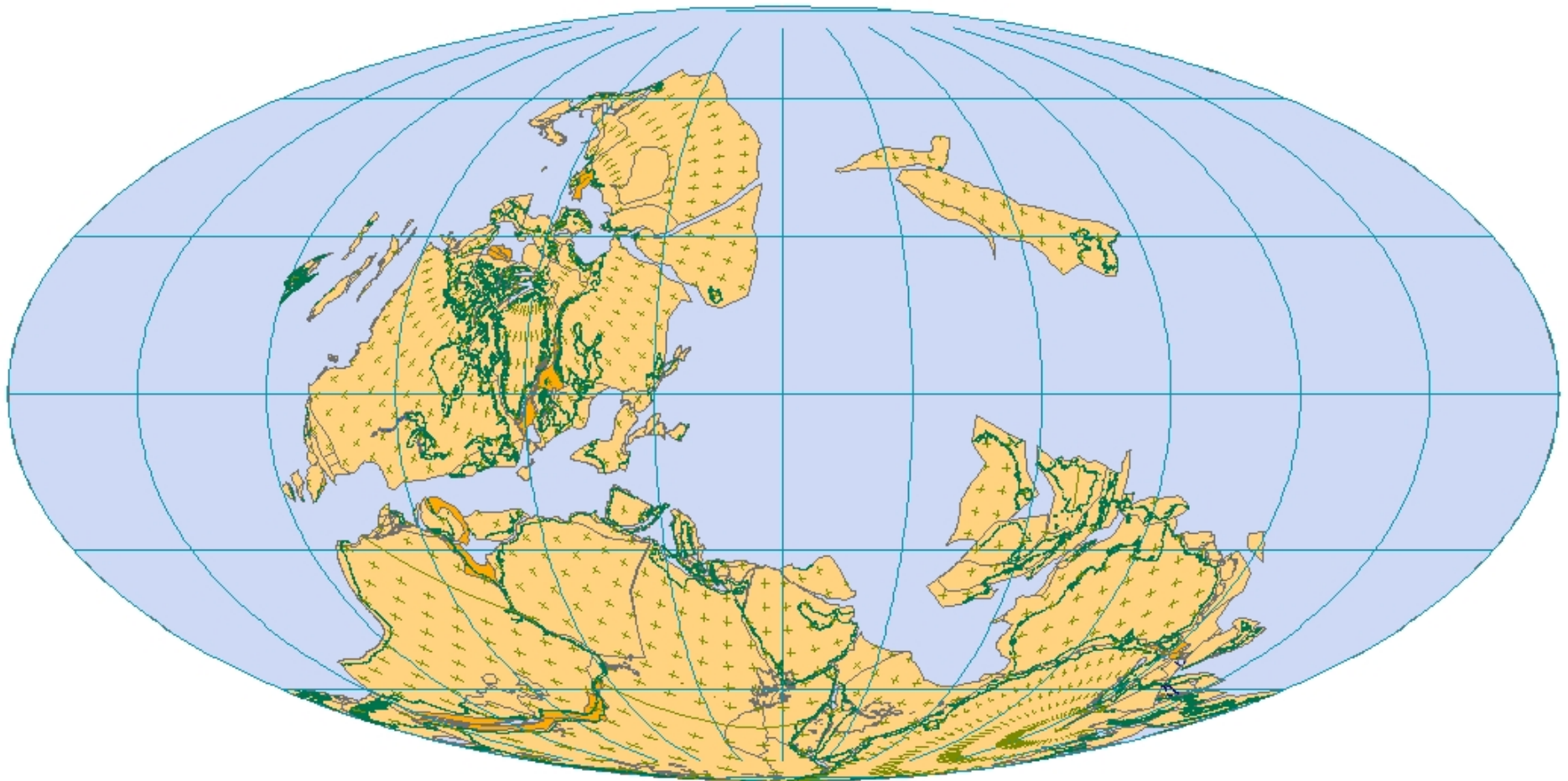
360Ma (Tournaisian)



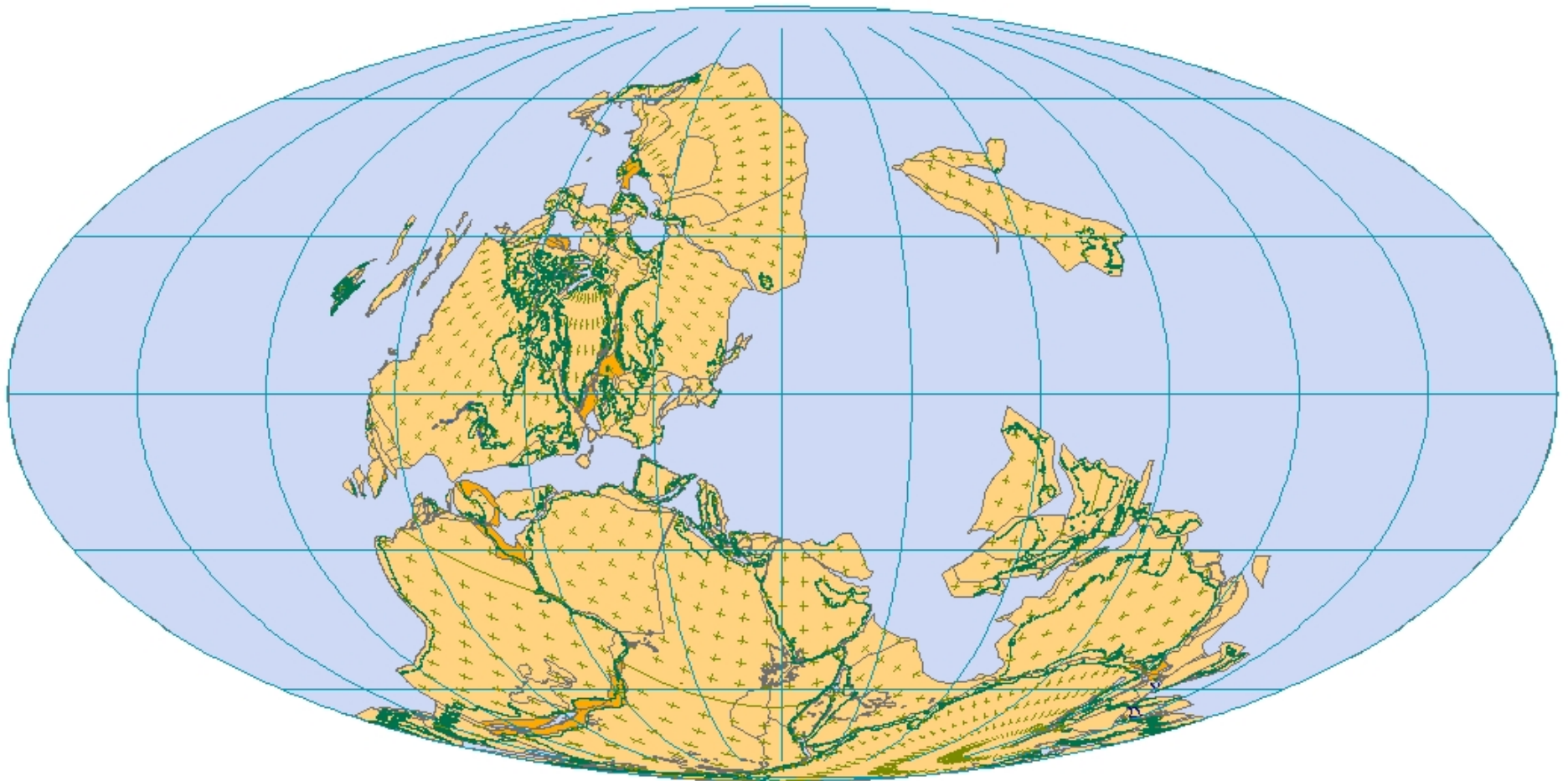
350Ma (Visean)



340Ma (Visean)



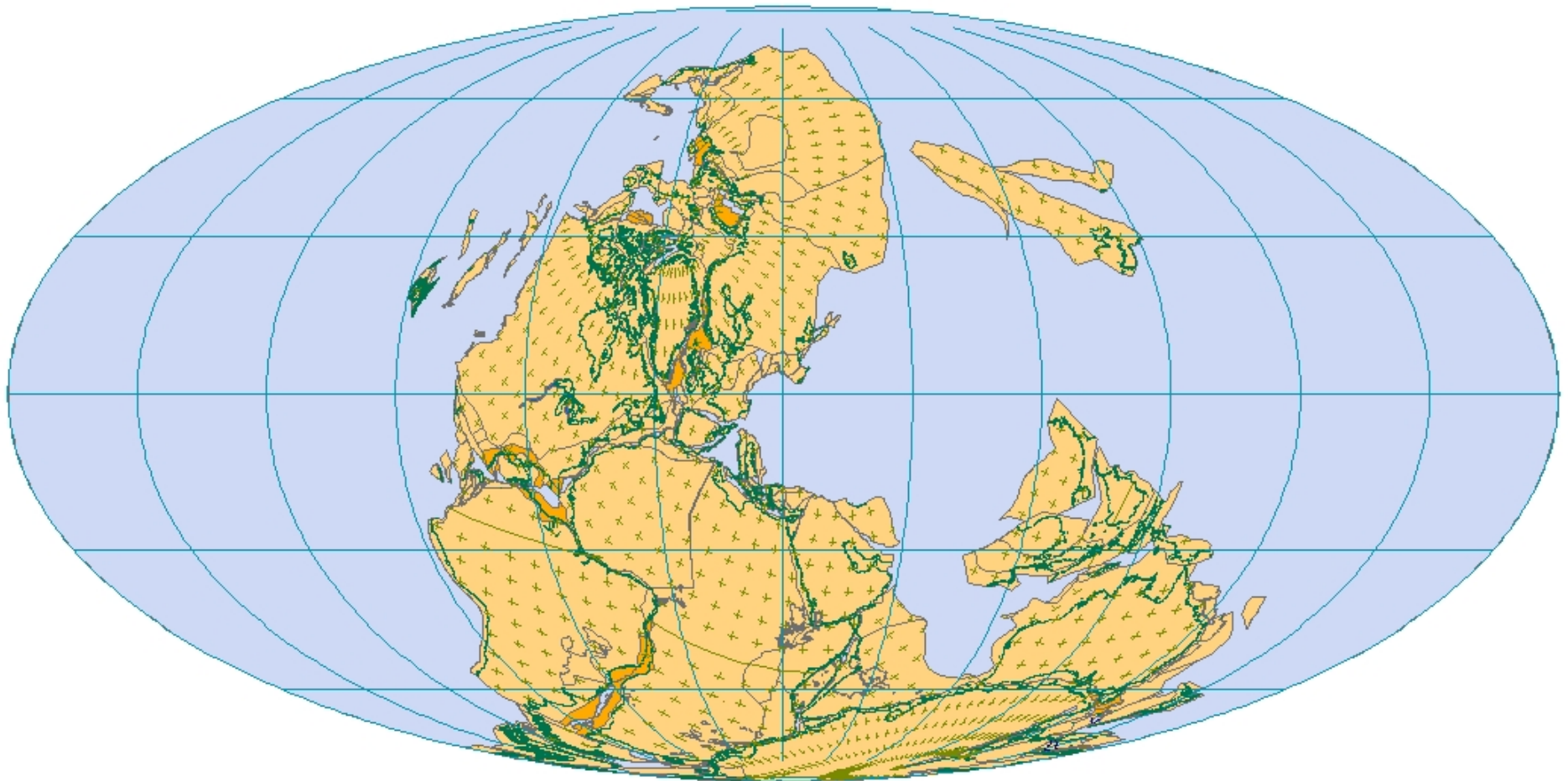
330Ma (Serpukhovian)



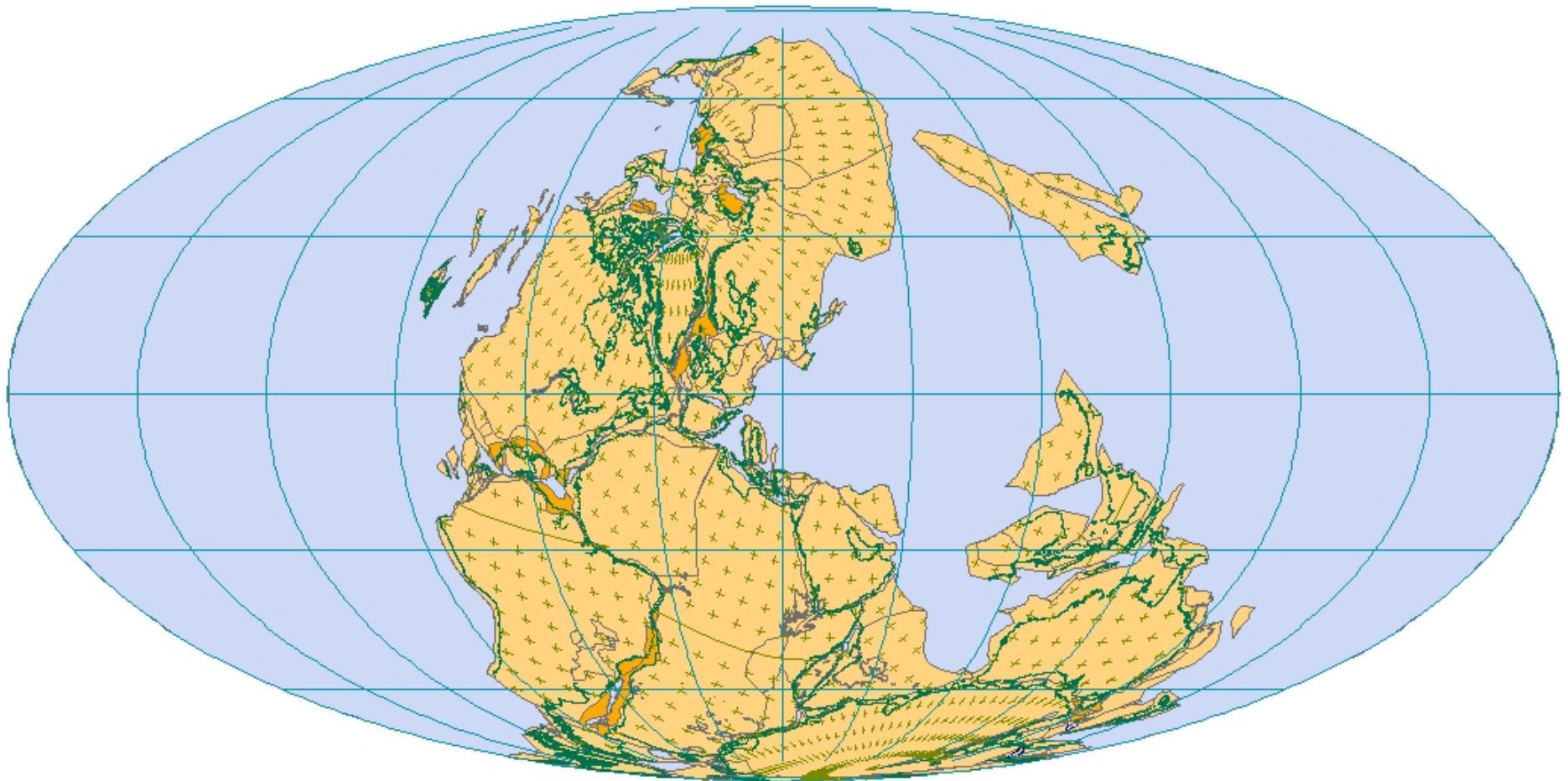
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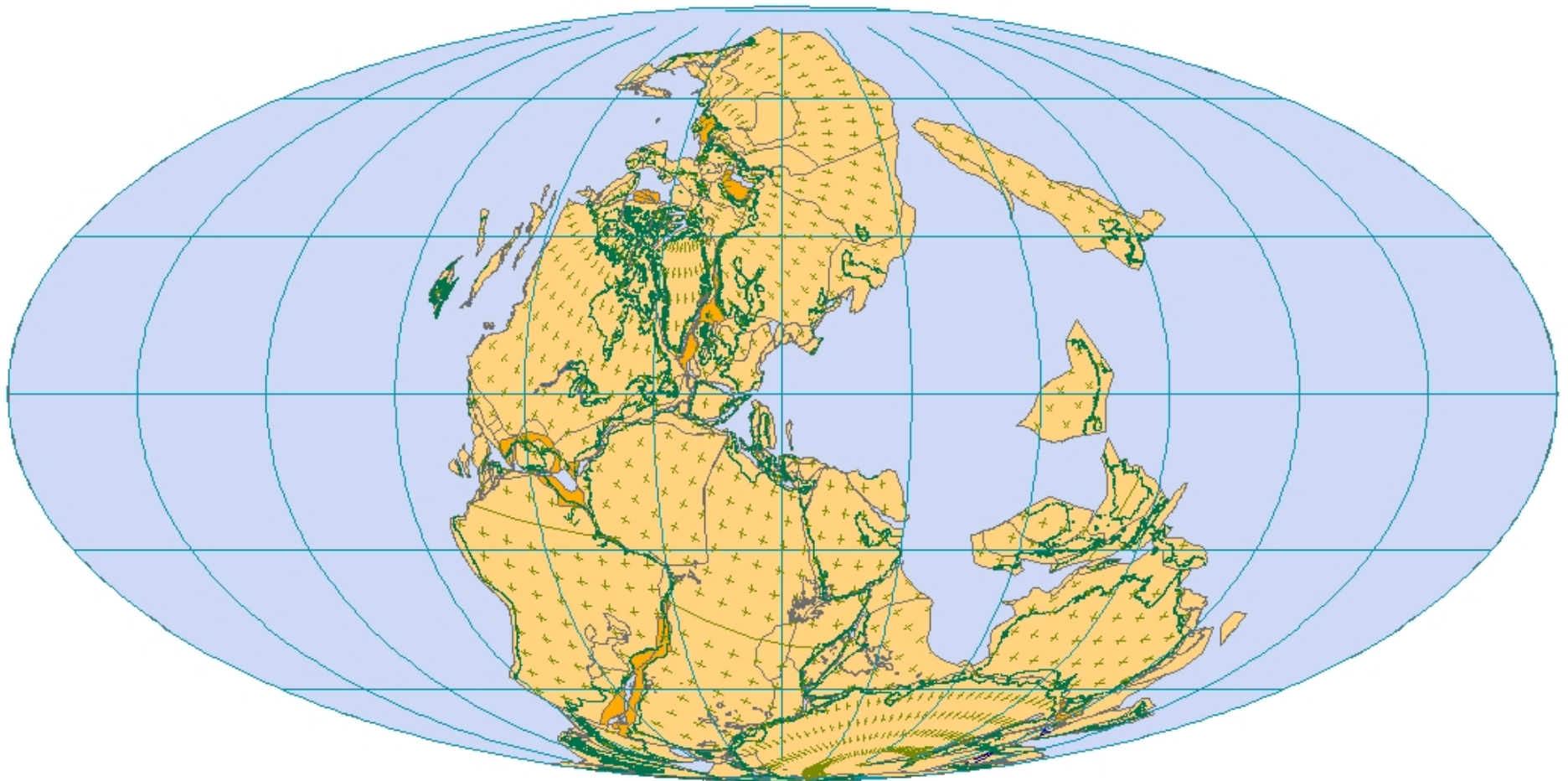
310Ma (Moscovian)



300Ma (Moscovian)



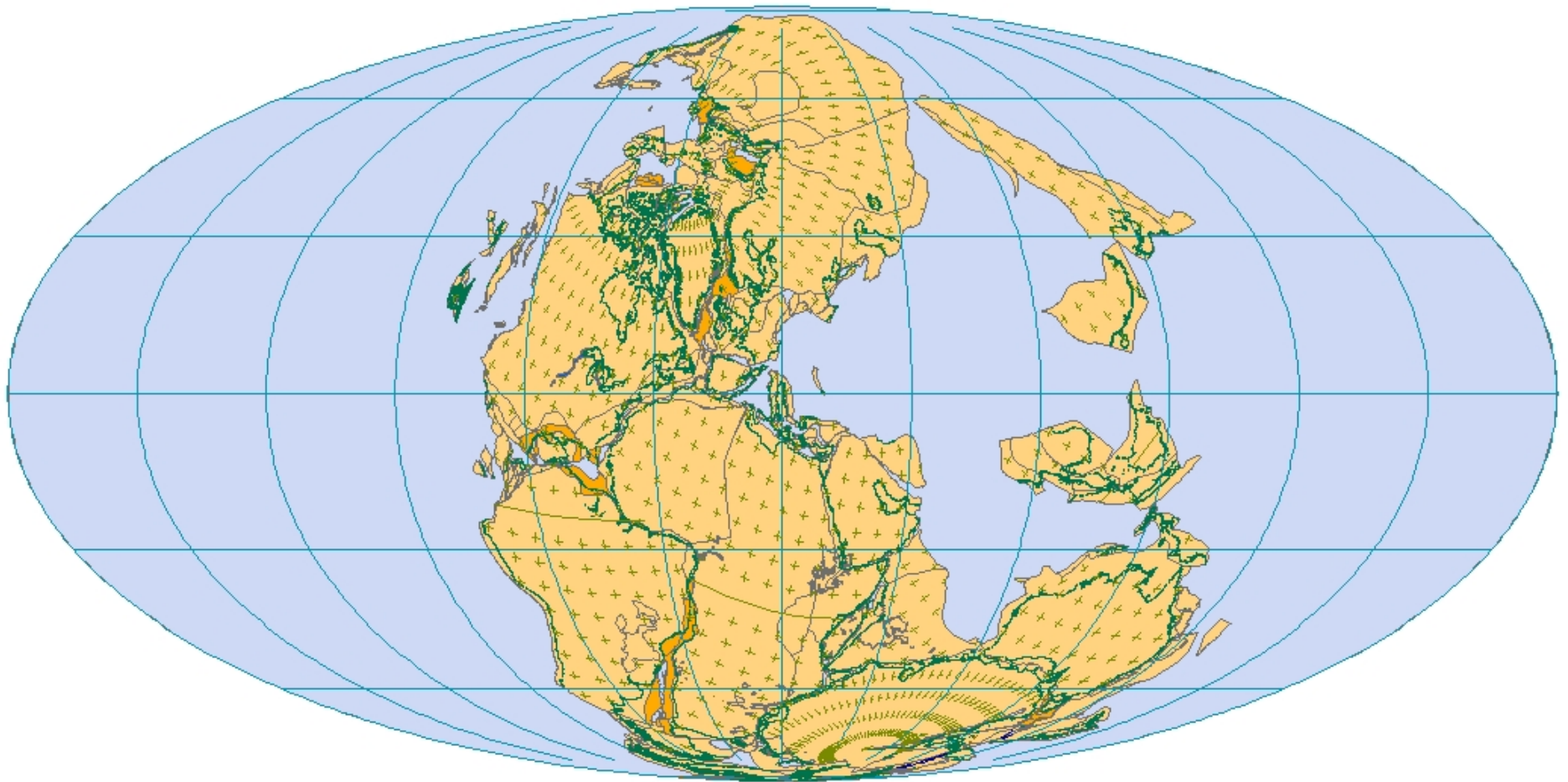
290Ma (Gzelian (Kasimovian))



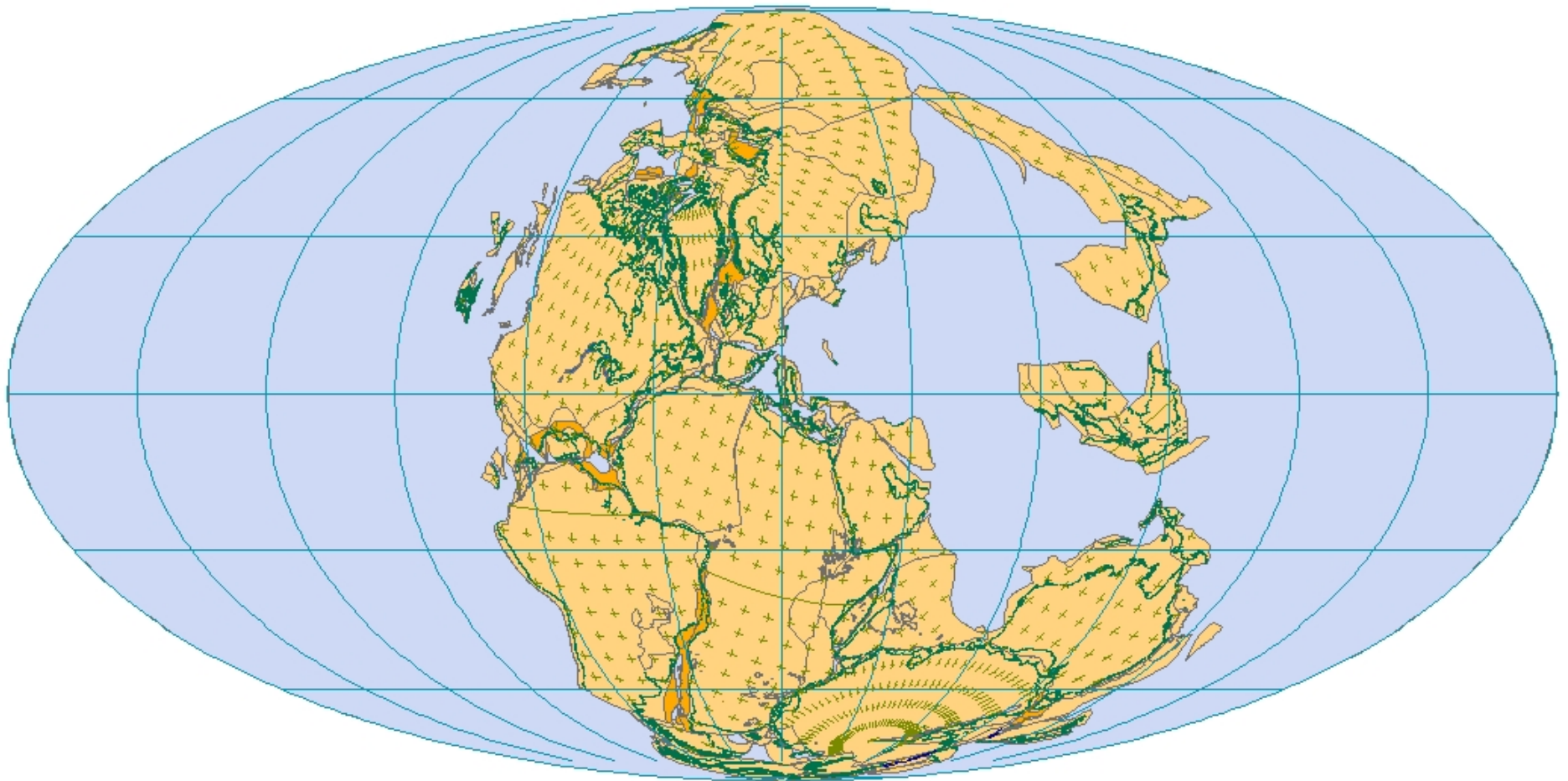
280Ma (Asselian)



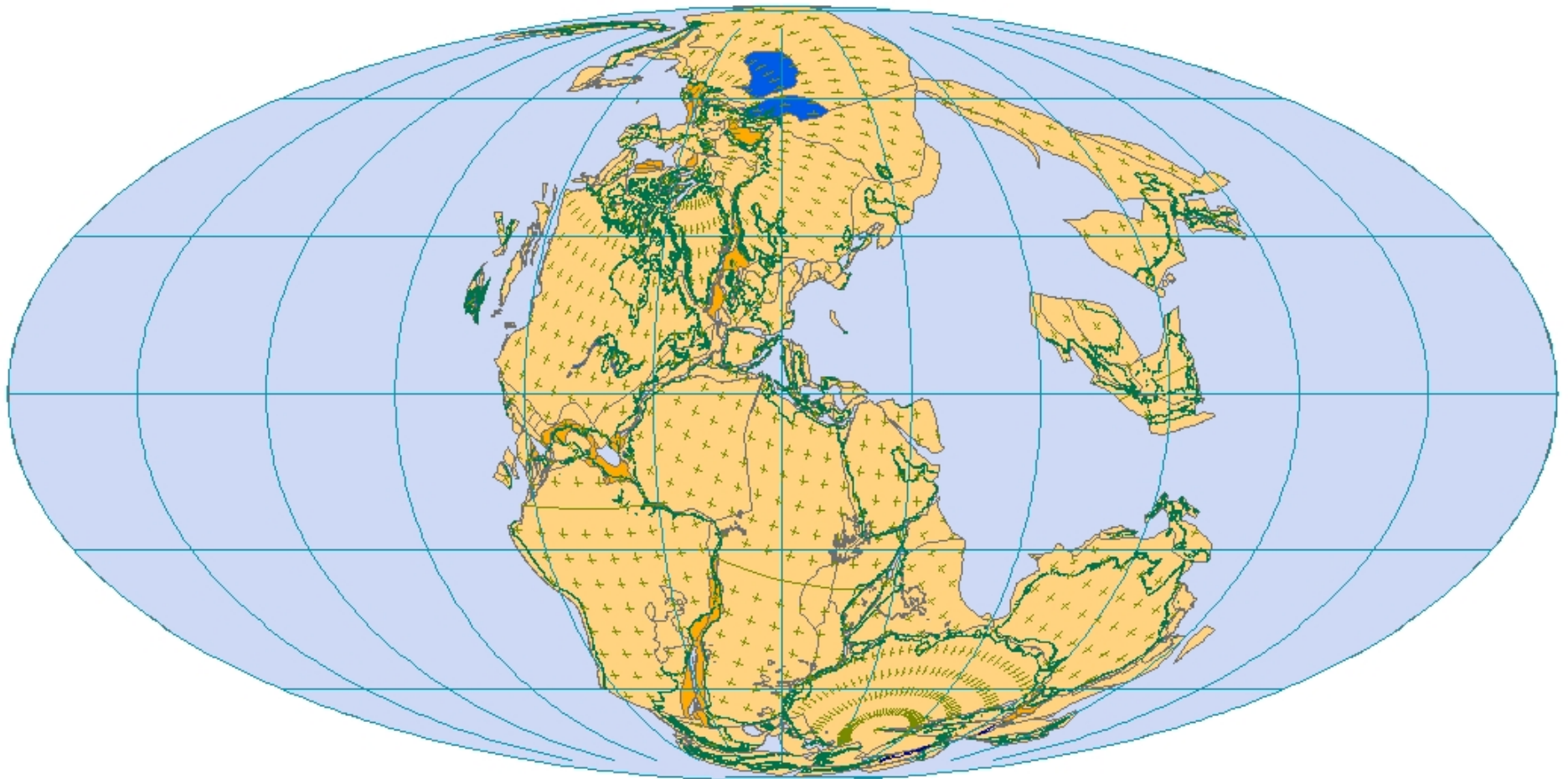
270Ma (Sakmarian)



260Ma (Kungurian)



250Ma (Tatarian)



240Ma (Anisian)



230Ma (Carnian)



220Ma (Norian)



210Ma (Norian)



200Ma (Sinemurian)



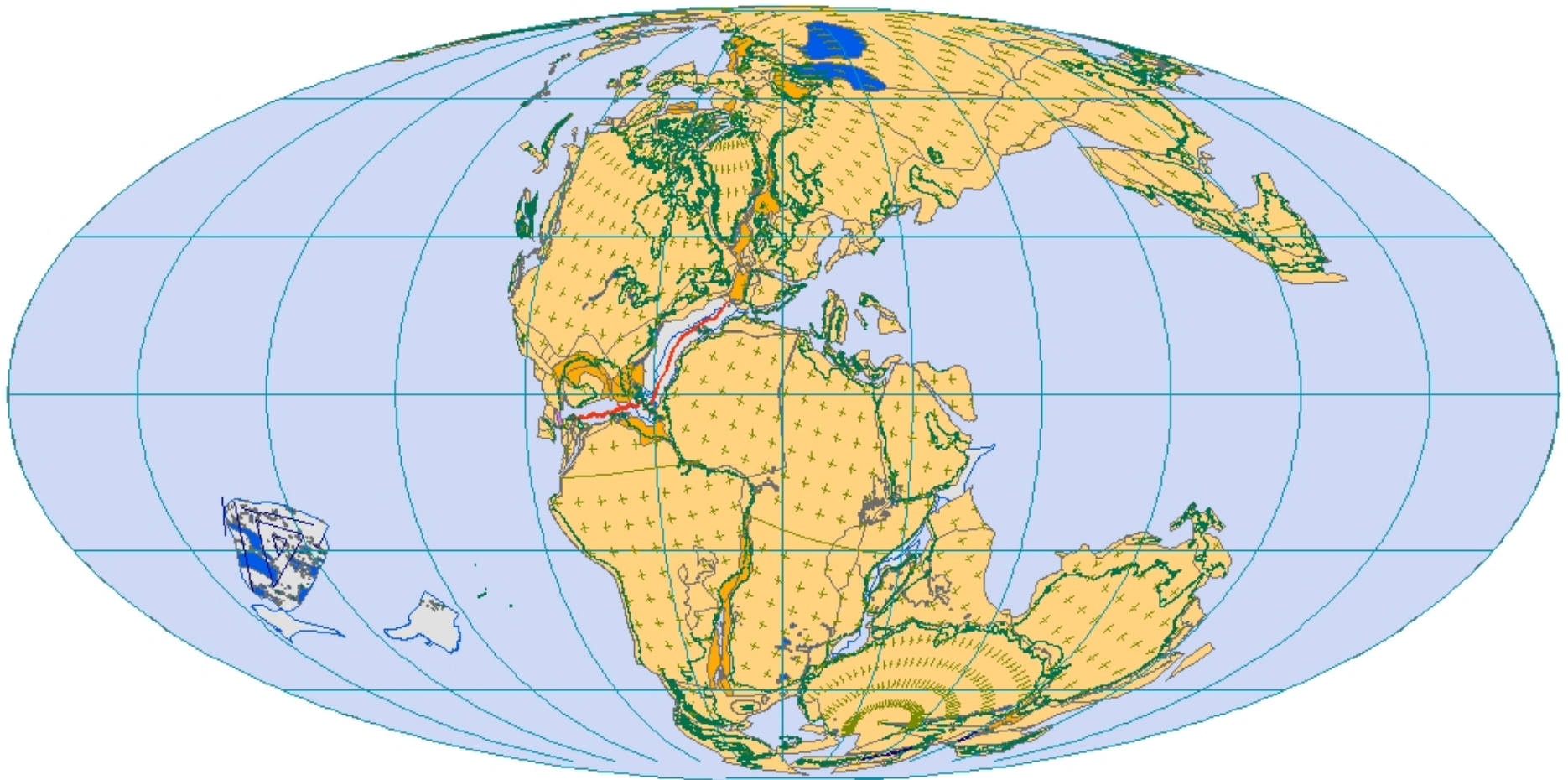
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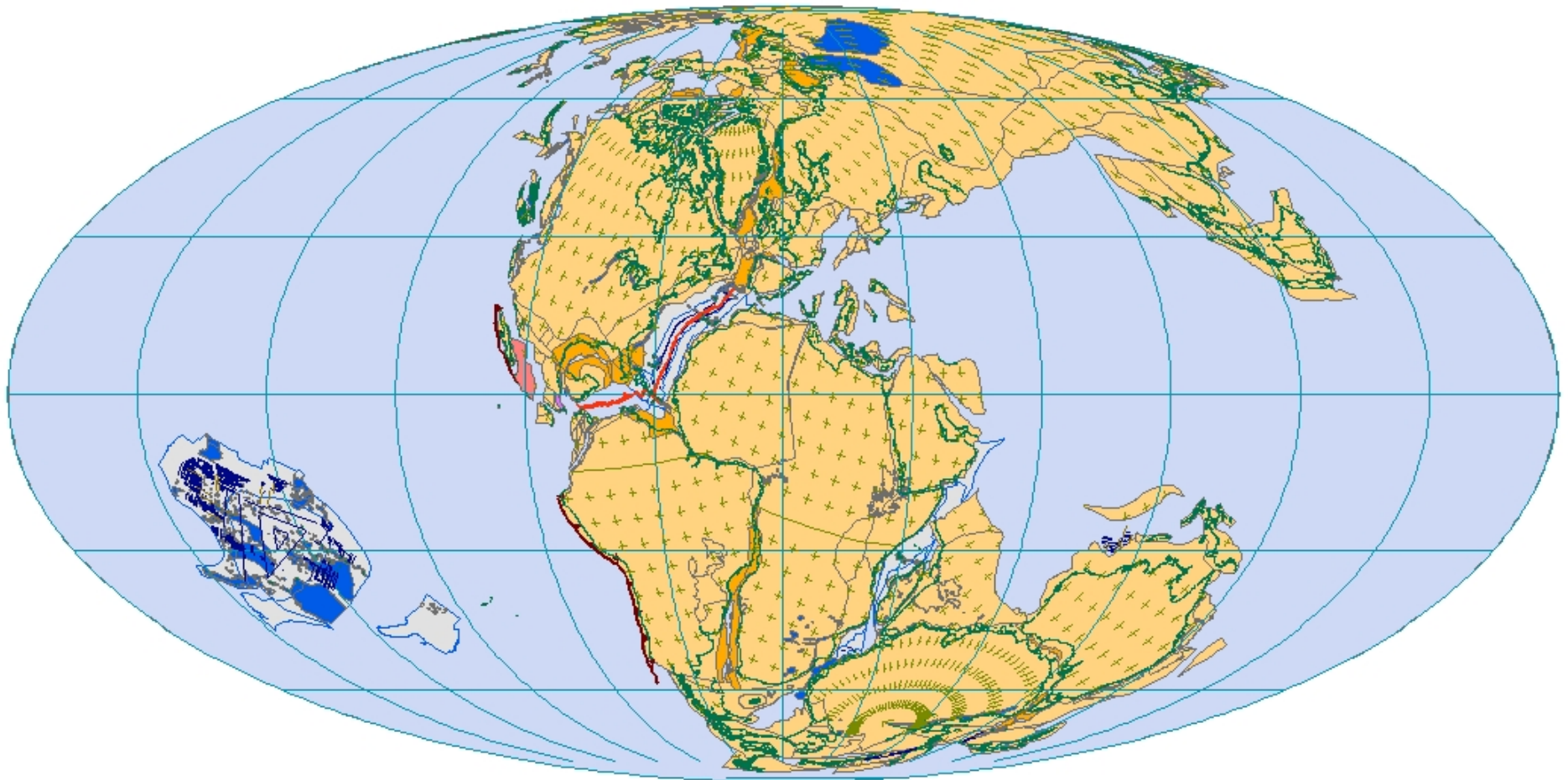
180Ma (Bajocian)



170Ma (Bathonian)



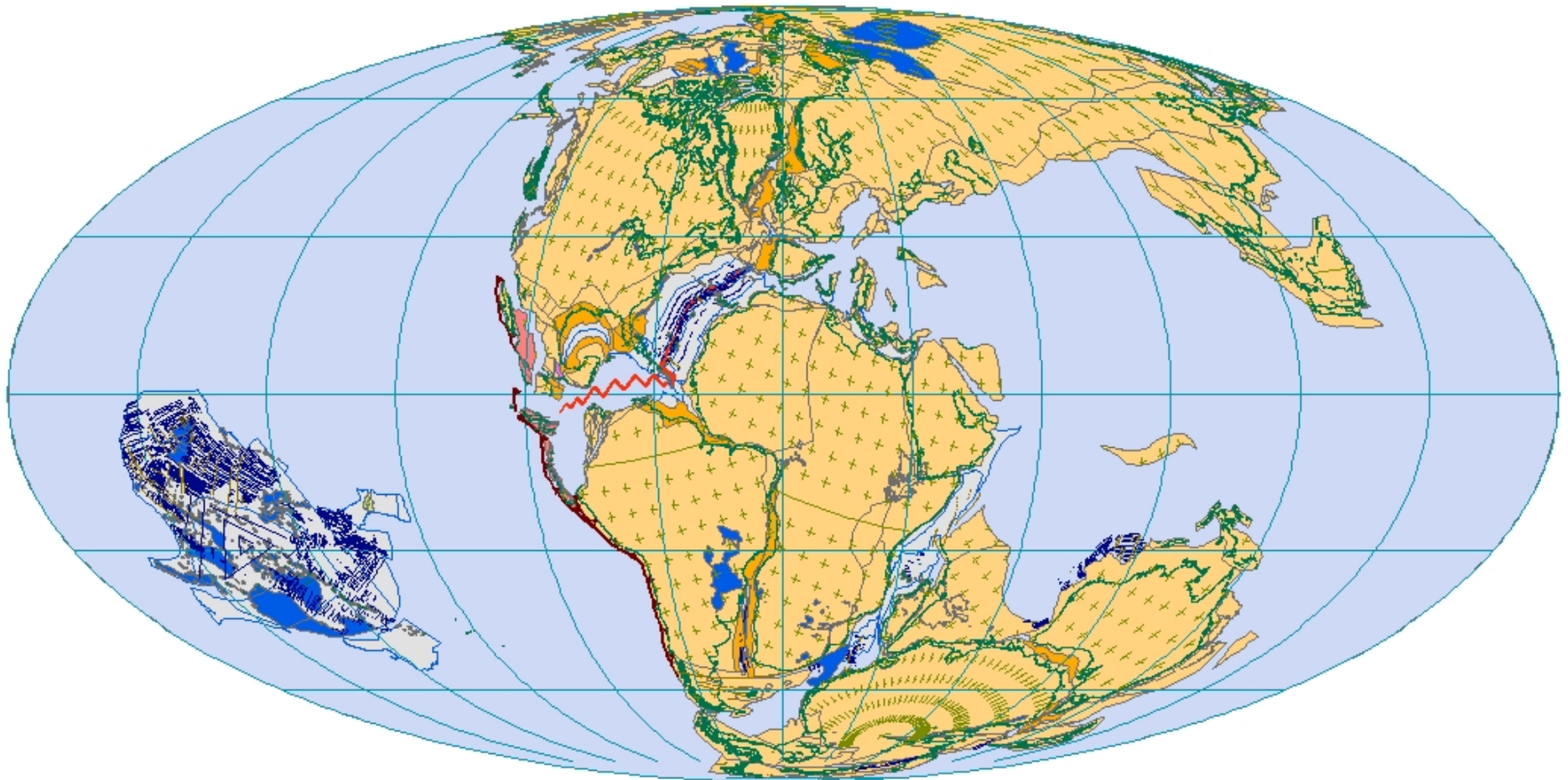
160Ma (Oxfordian)



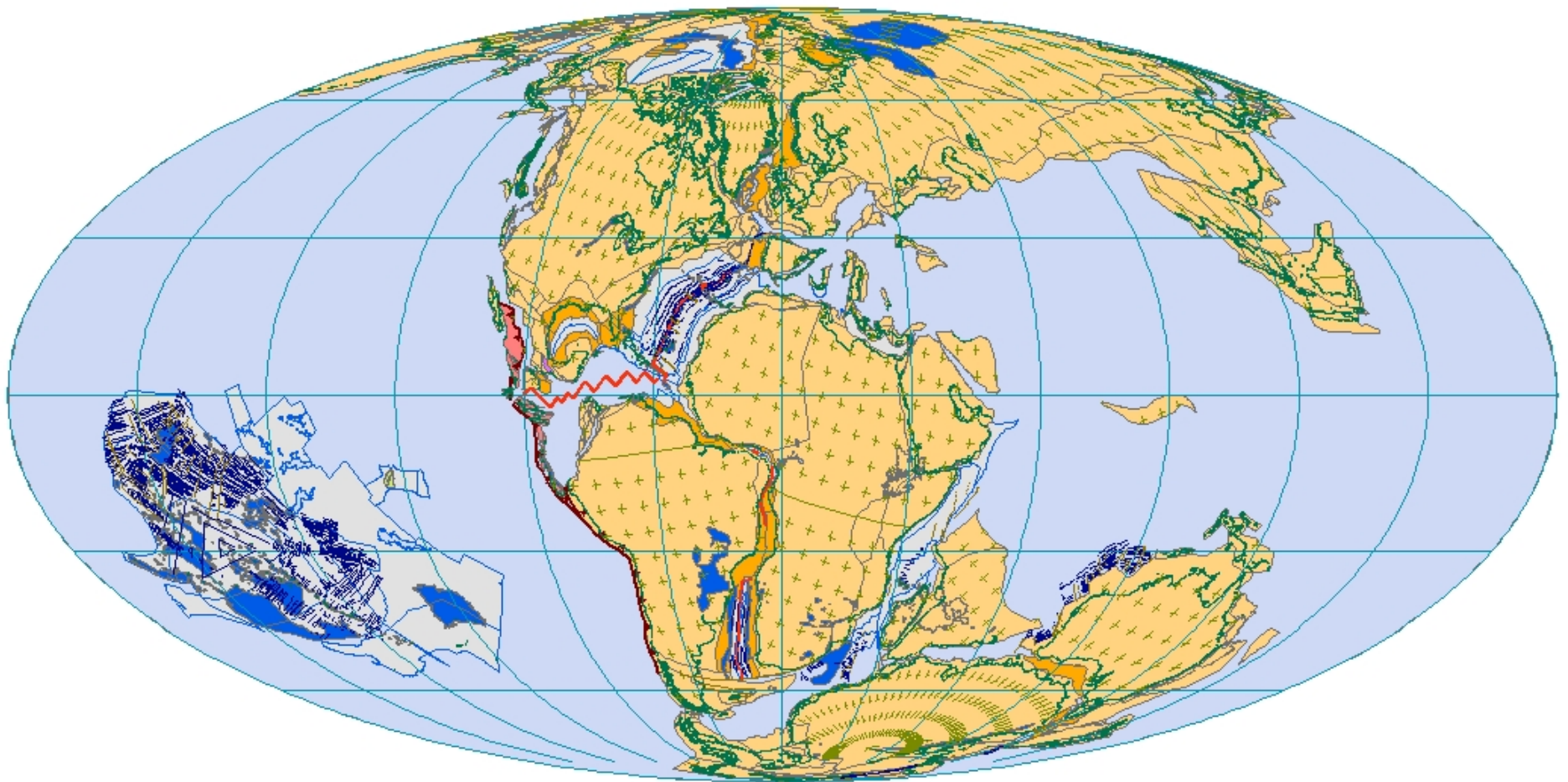
150Ma (Tithonian)



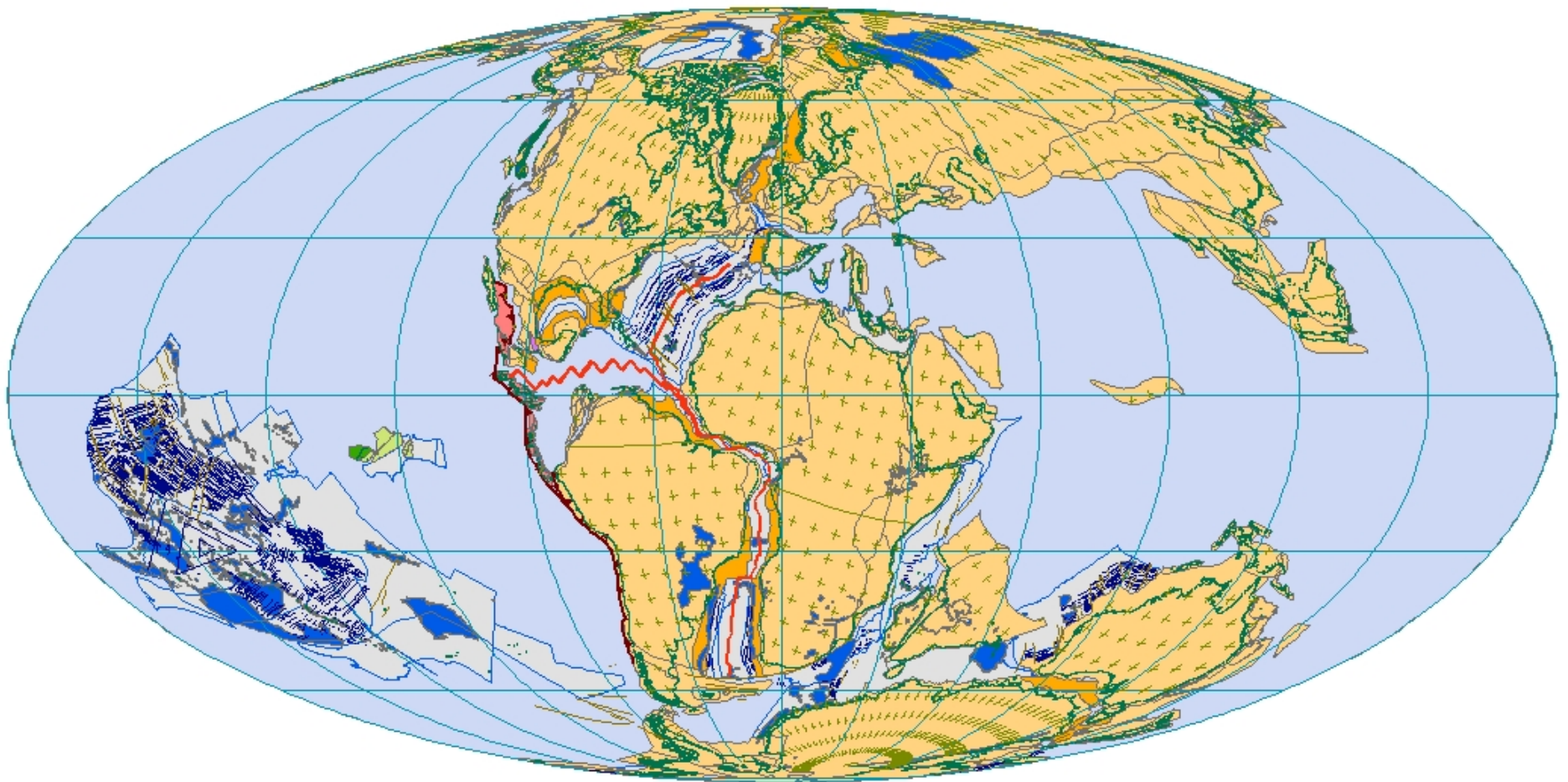
140Ma (Berriasian)



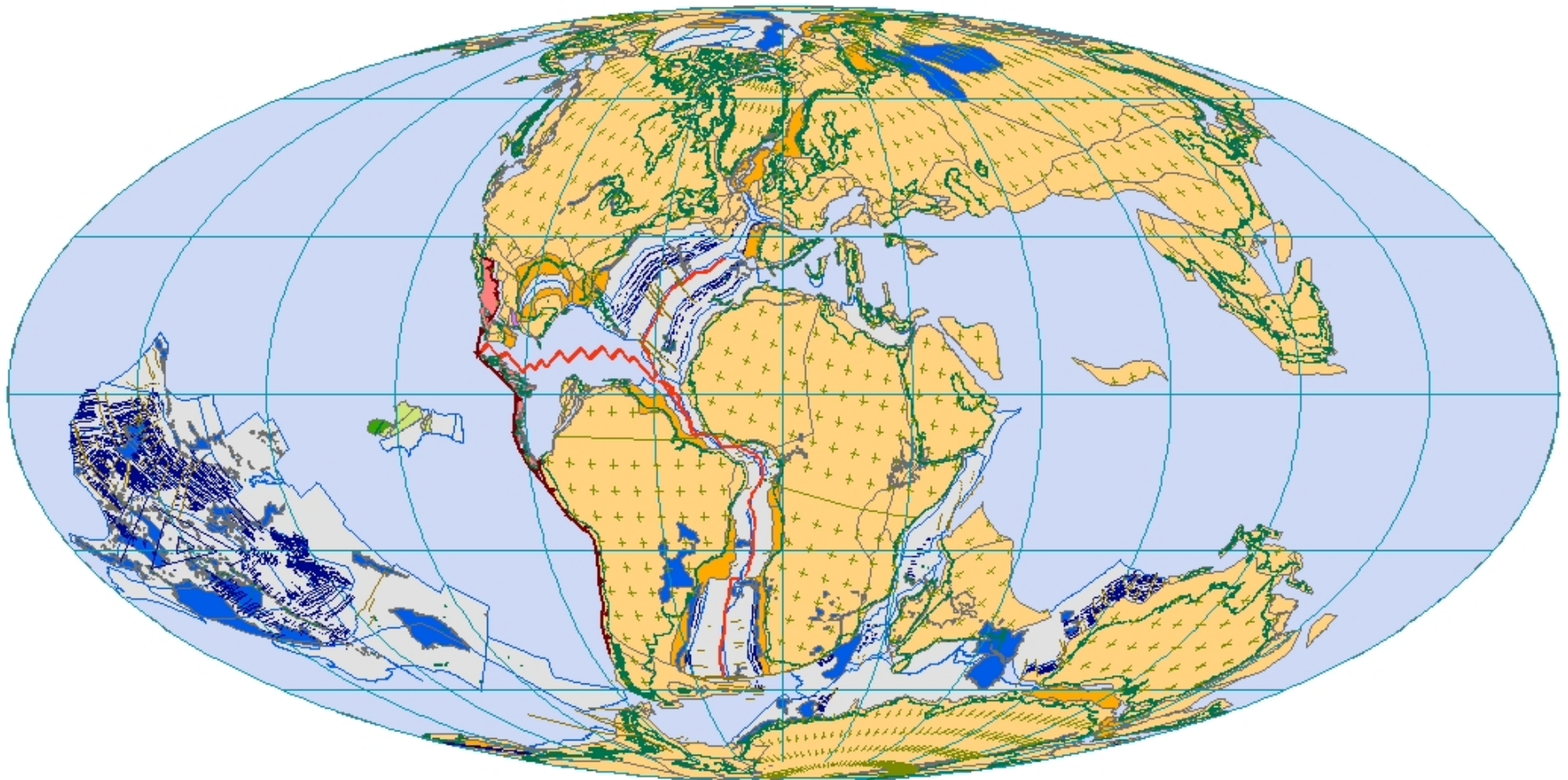
130Ma (Hauterivian)



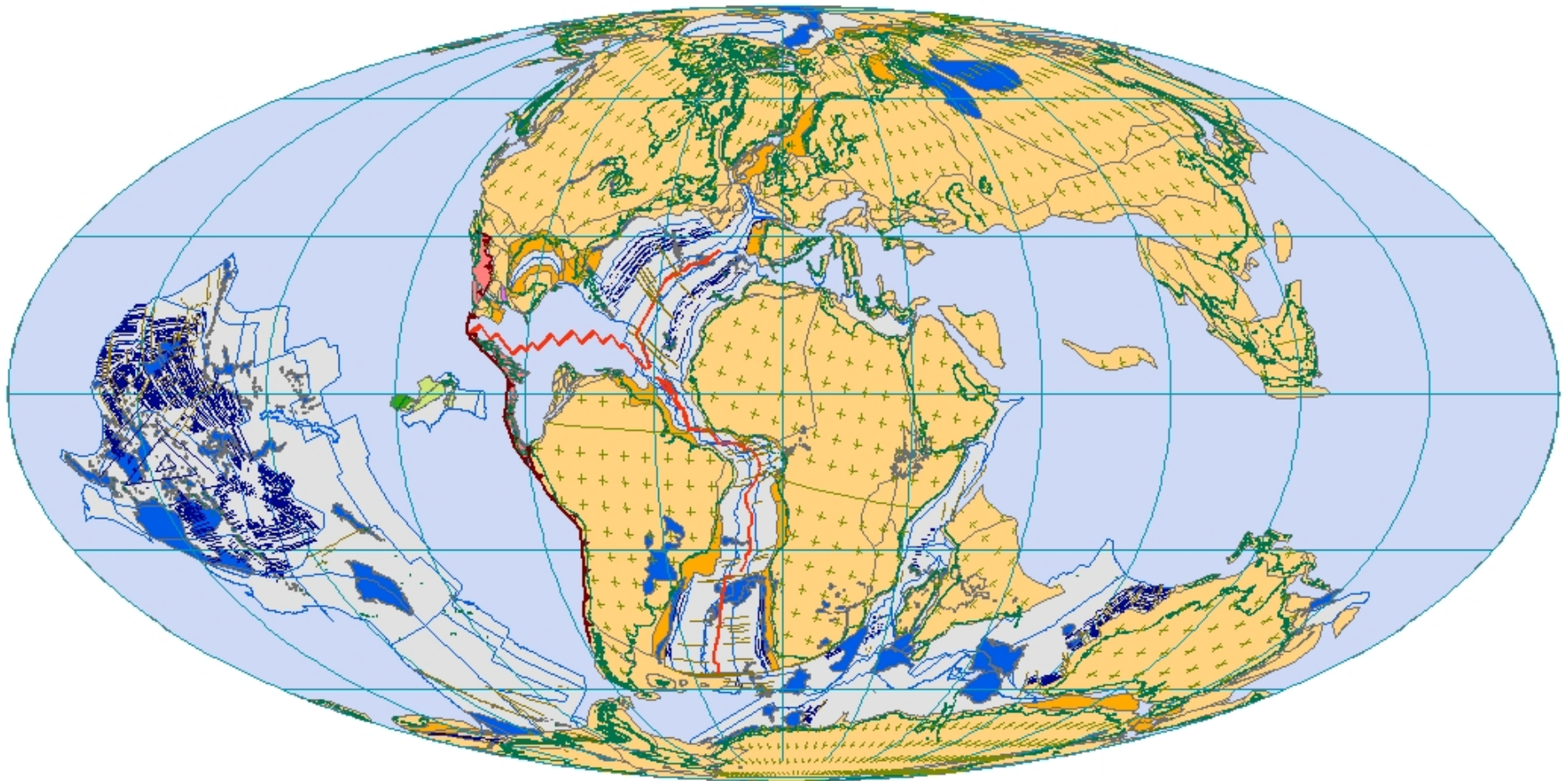
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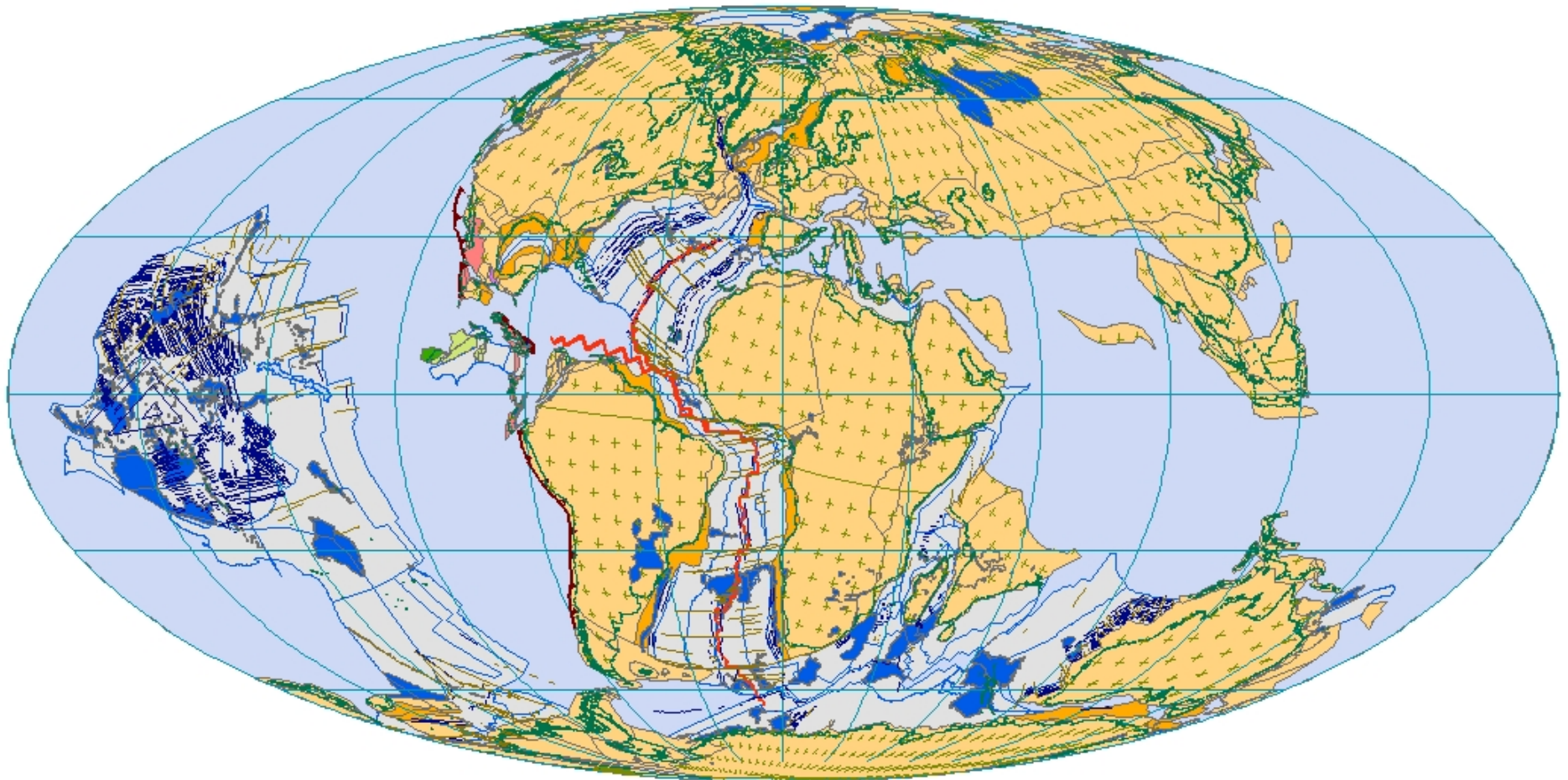
110Ma (Albian)



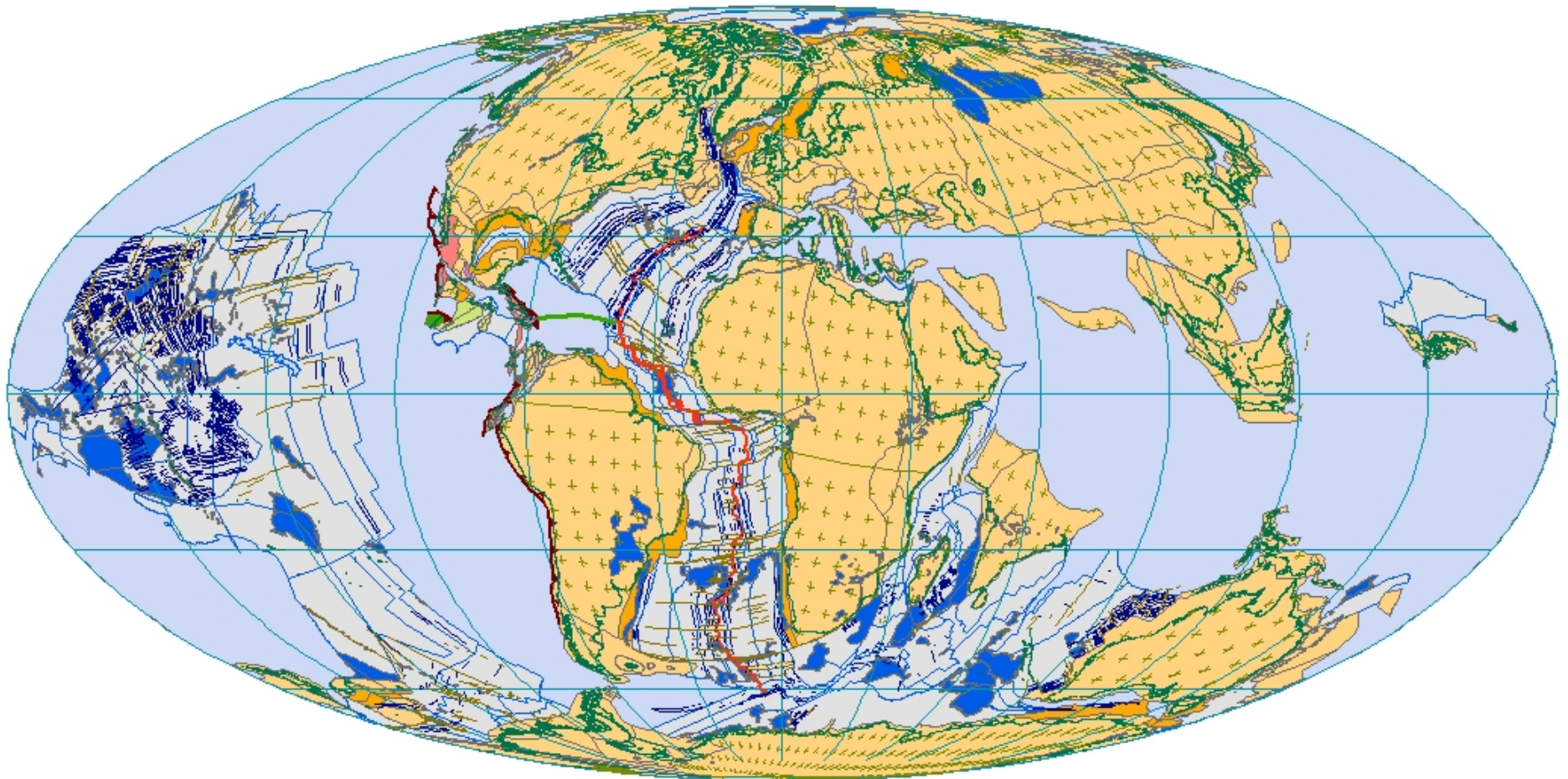
100Ma (Albian)



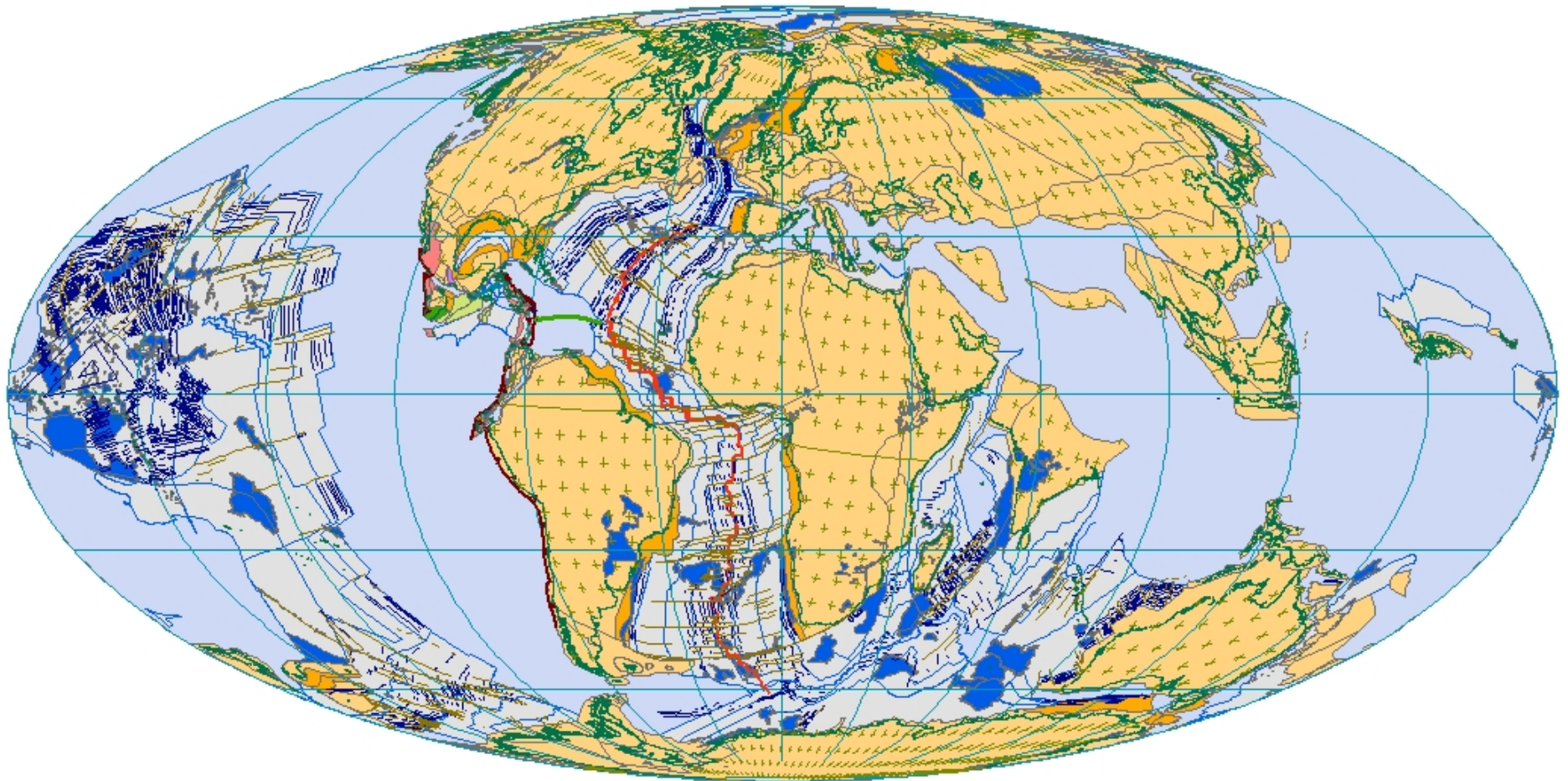
90Ma (Turonian)



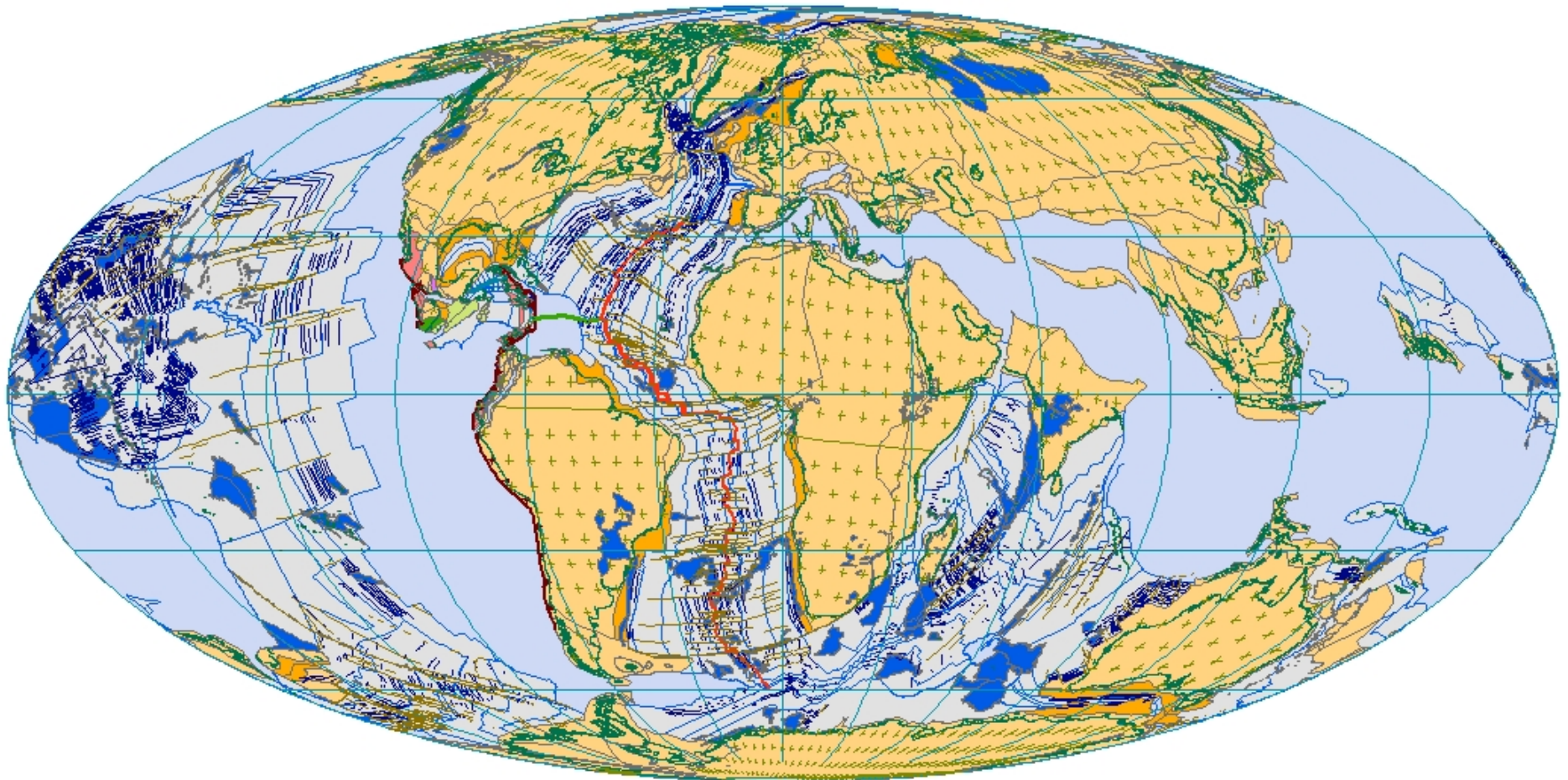
80Ma (Campanian)



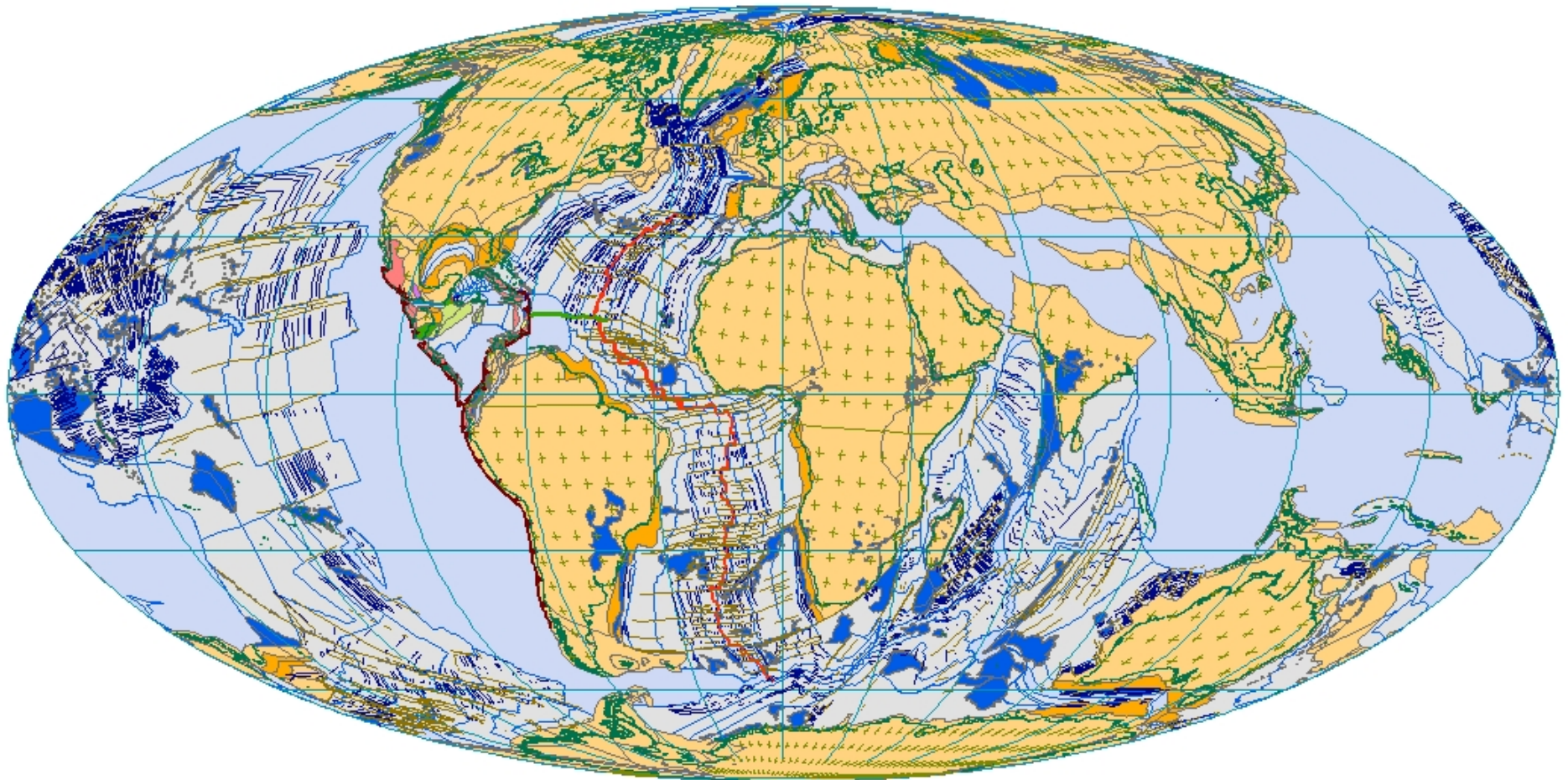
70Ma (Maastrichtian)



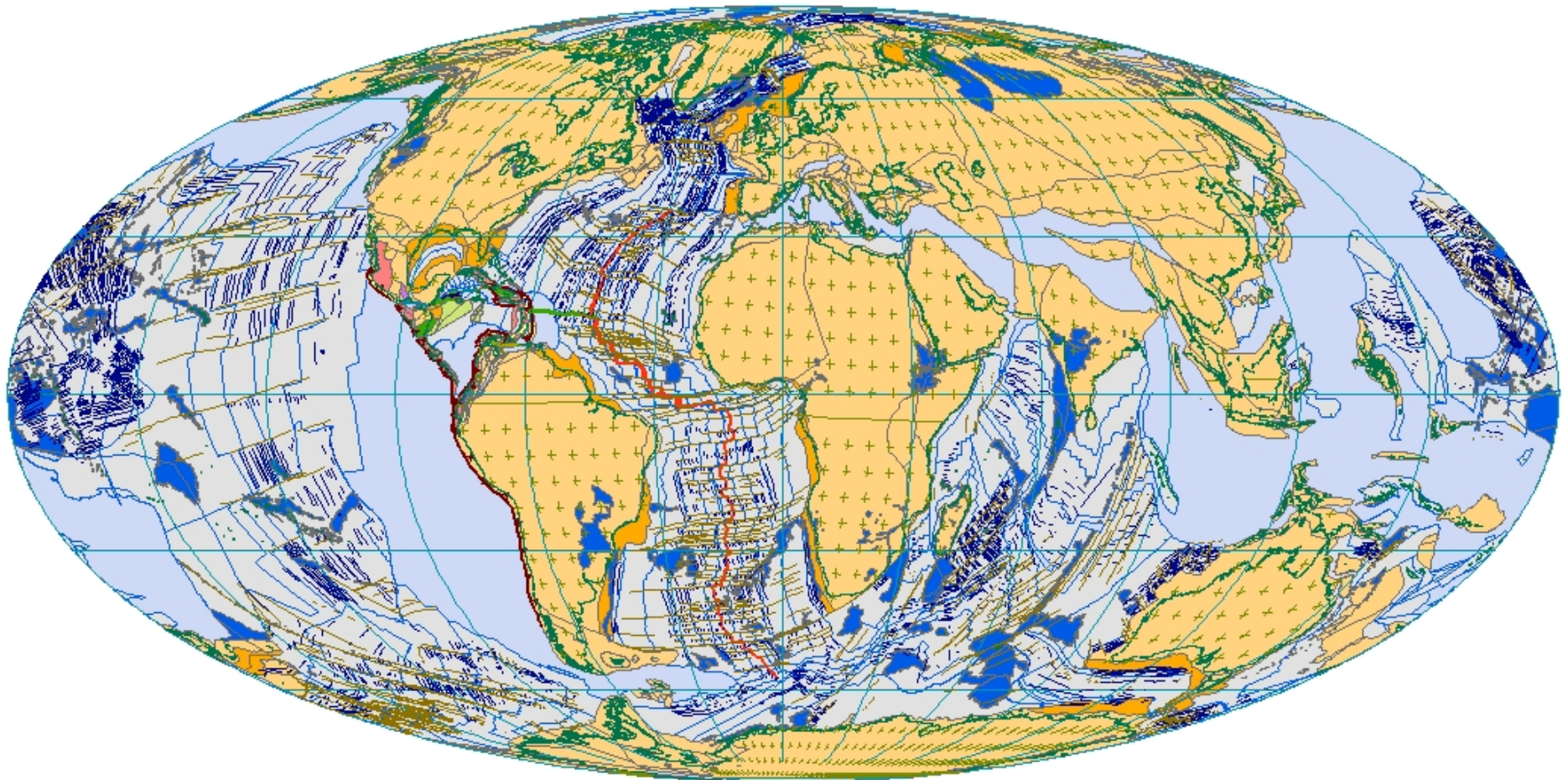
60Ma (Thanetian)



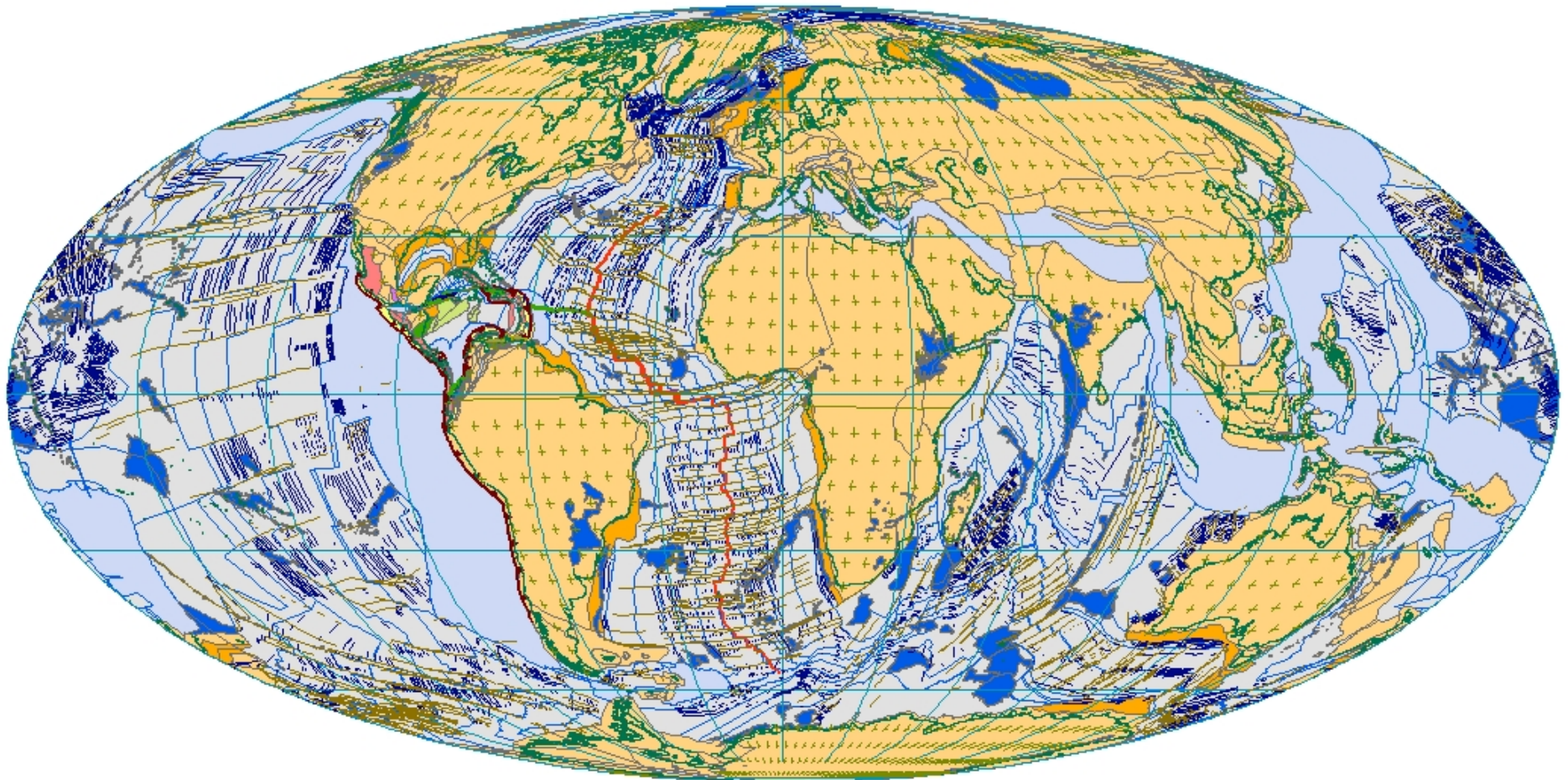
50Ma (Lutetian)



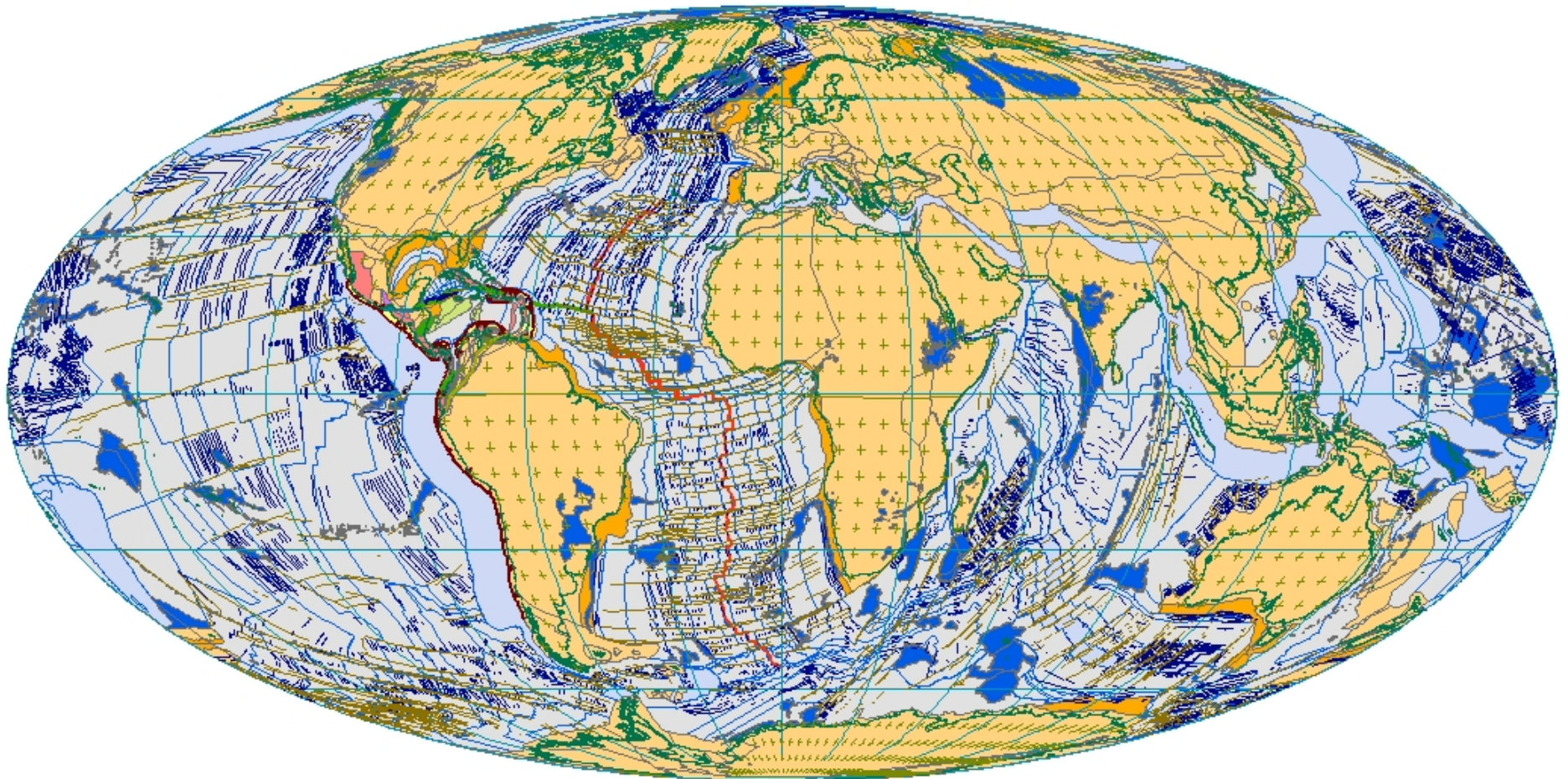
40Ma (Priabonian)



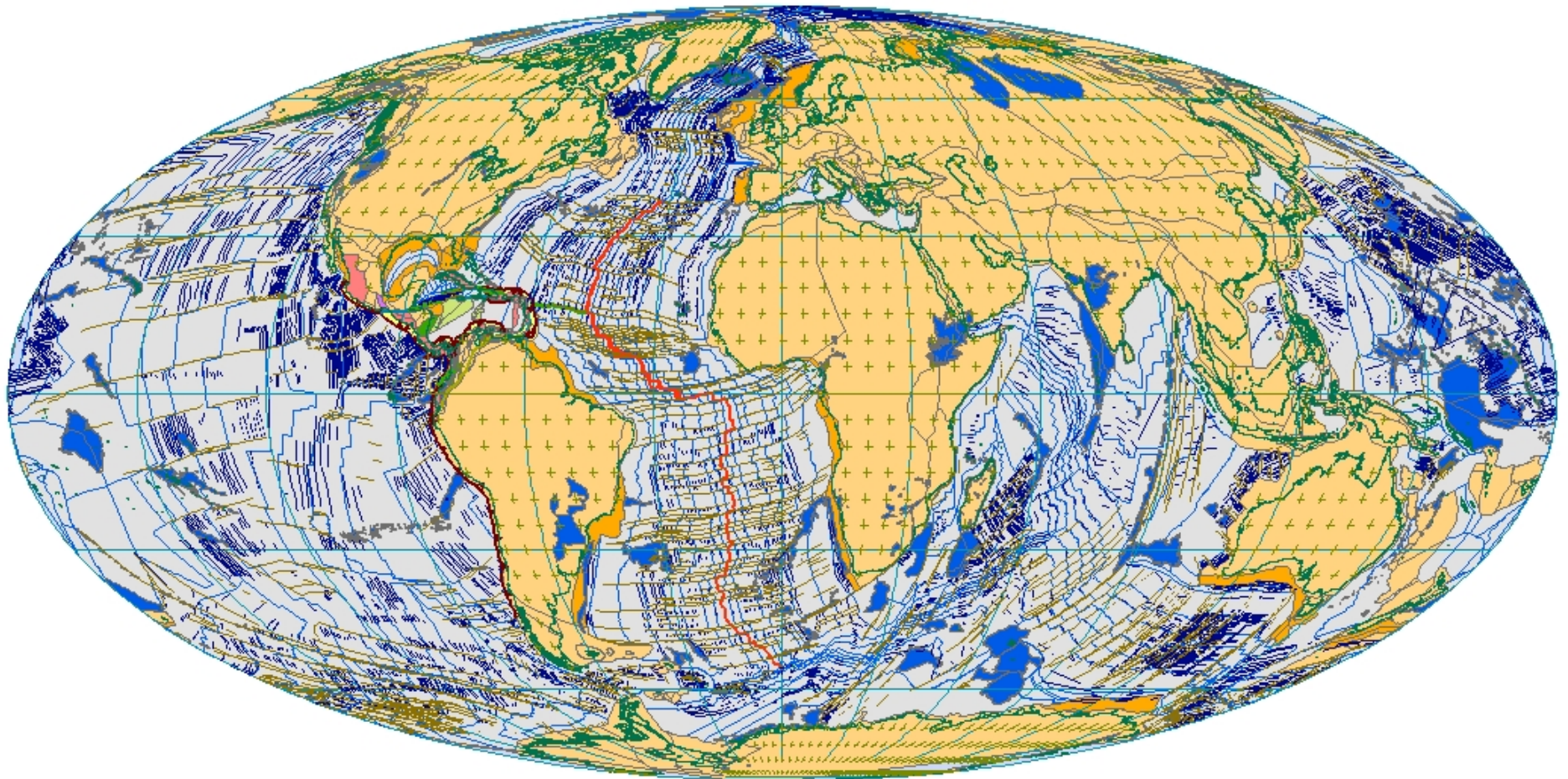
30Ma (Chattian)



20Ma (Burdigalian)

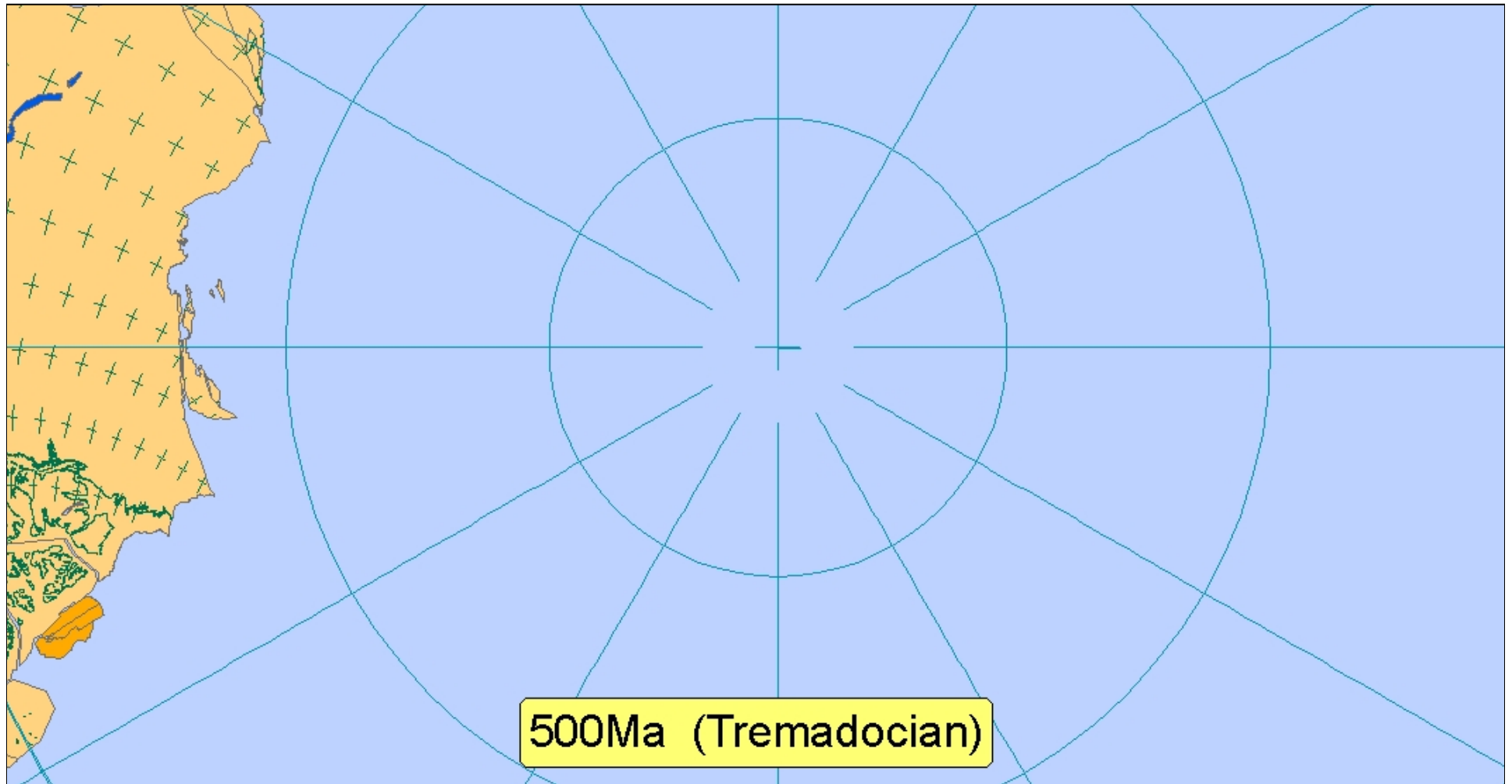


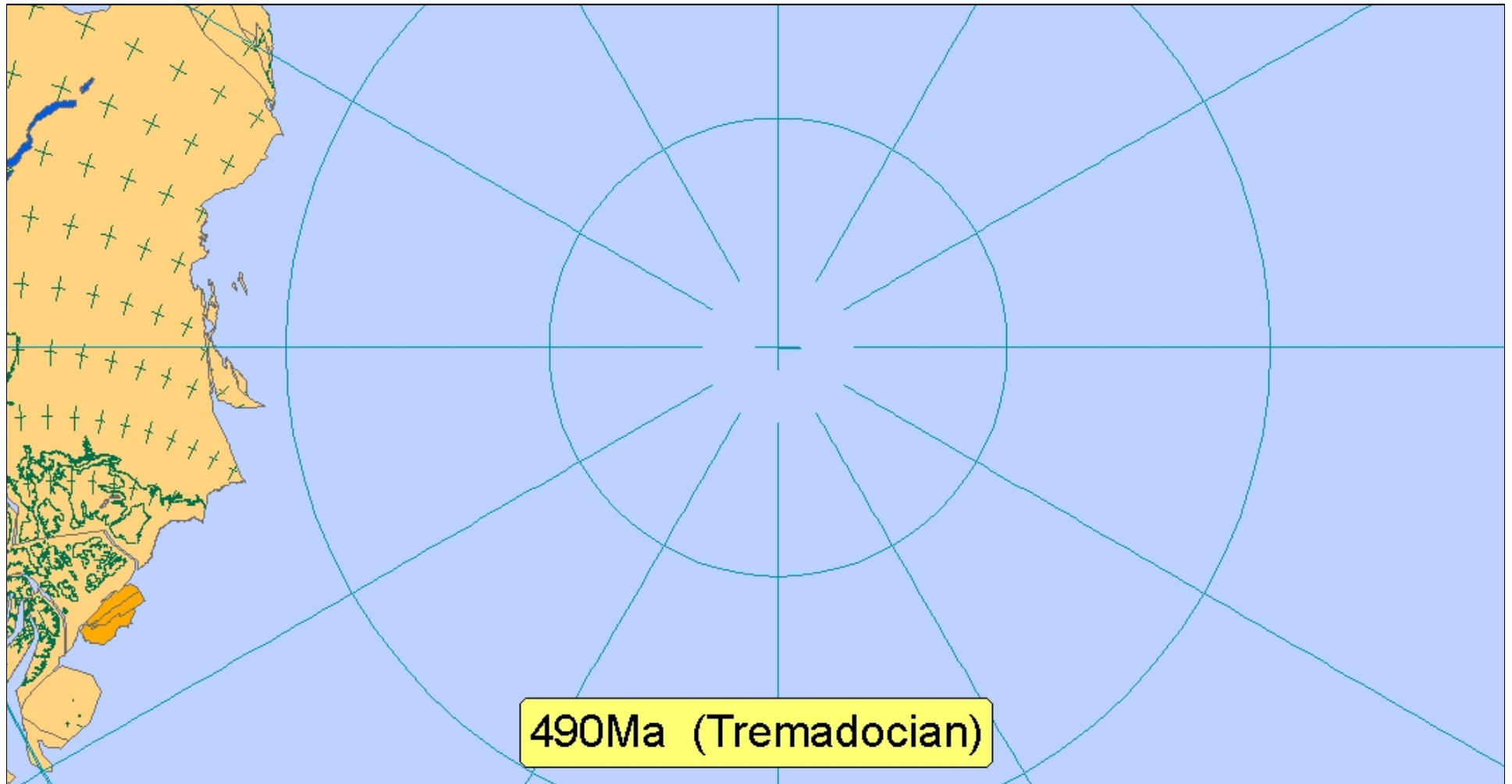
10Ma (Tortonian)

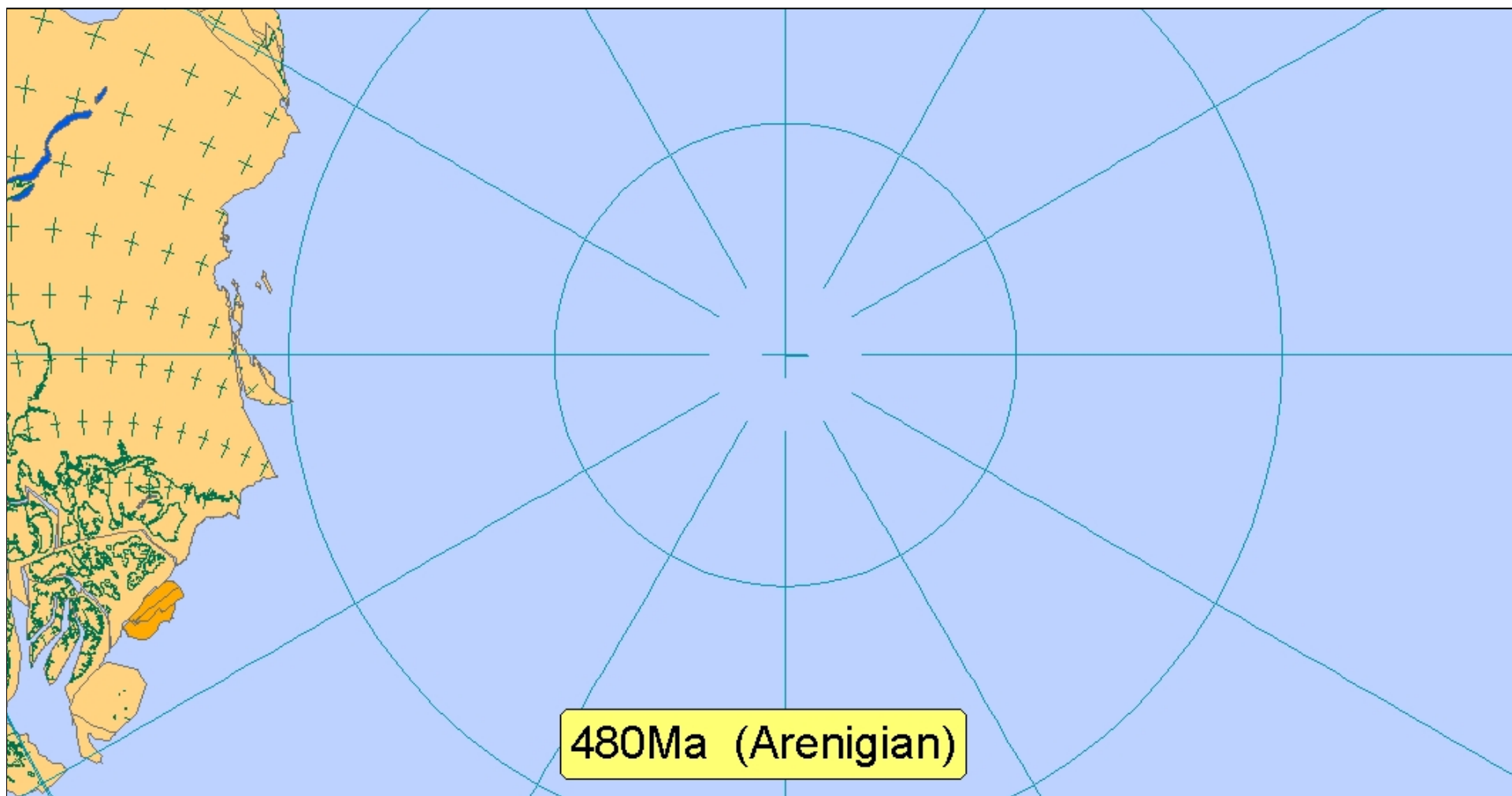


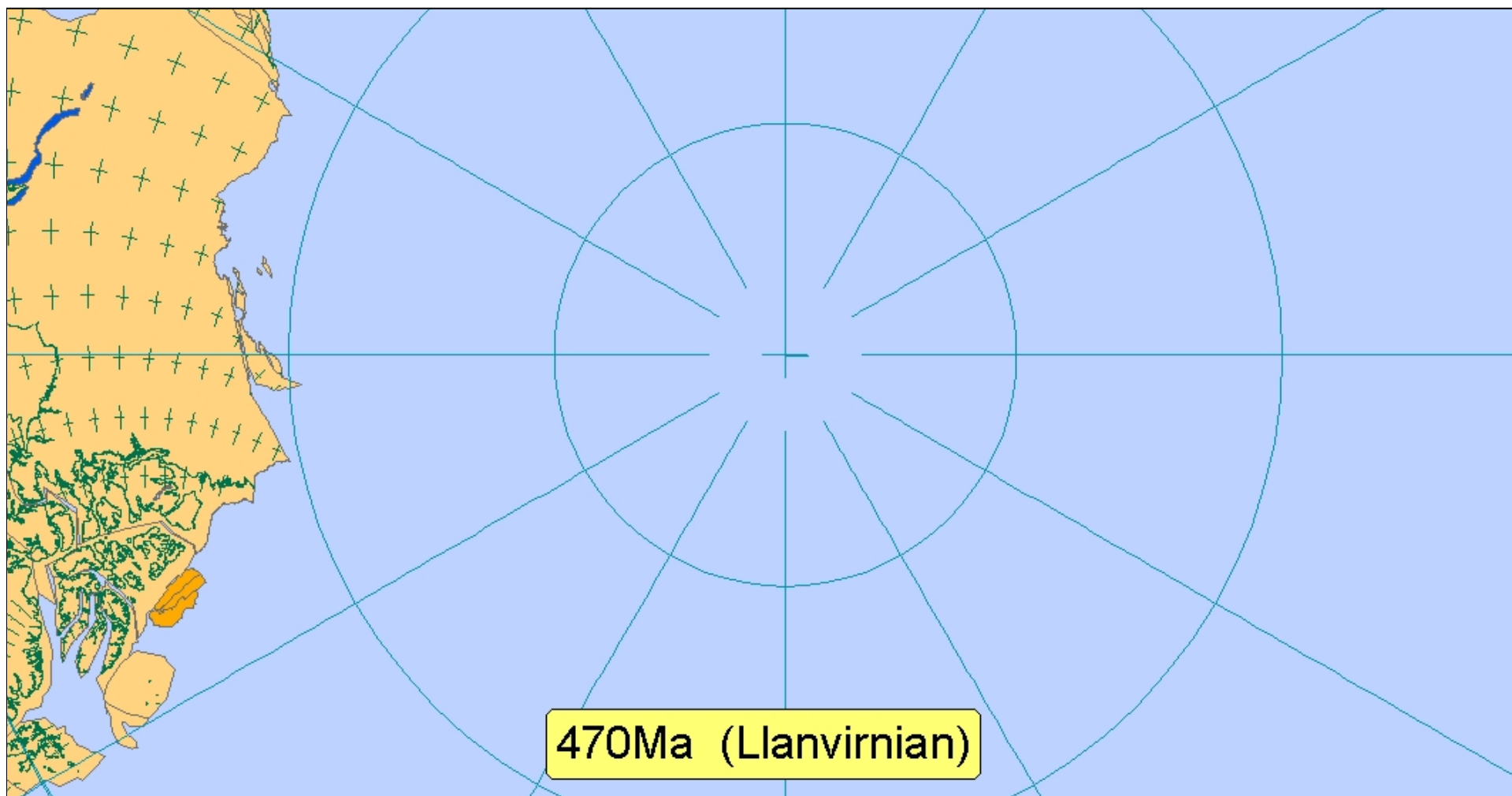
0Ma (Present)

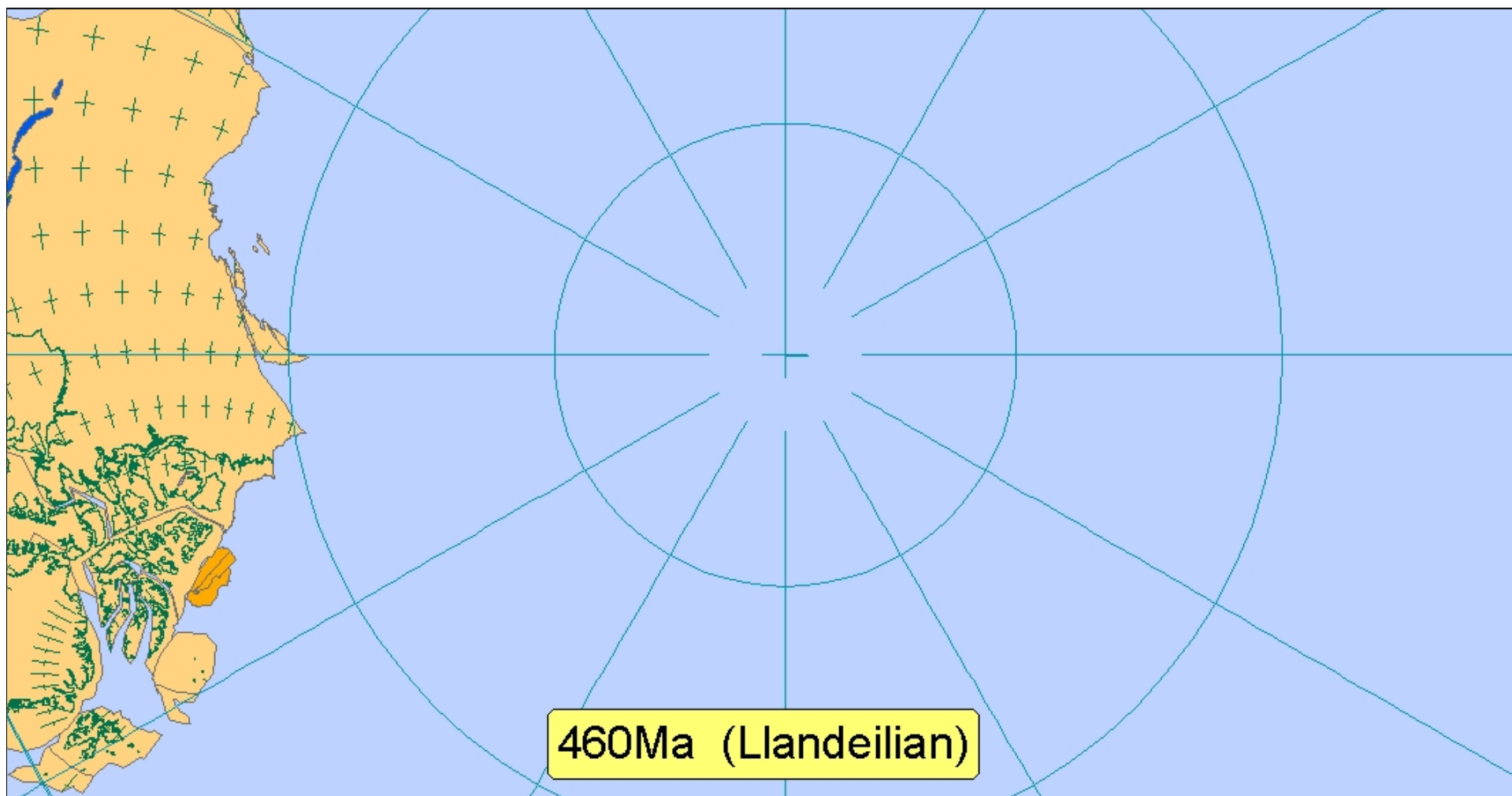
North Polar Reconstructions

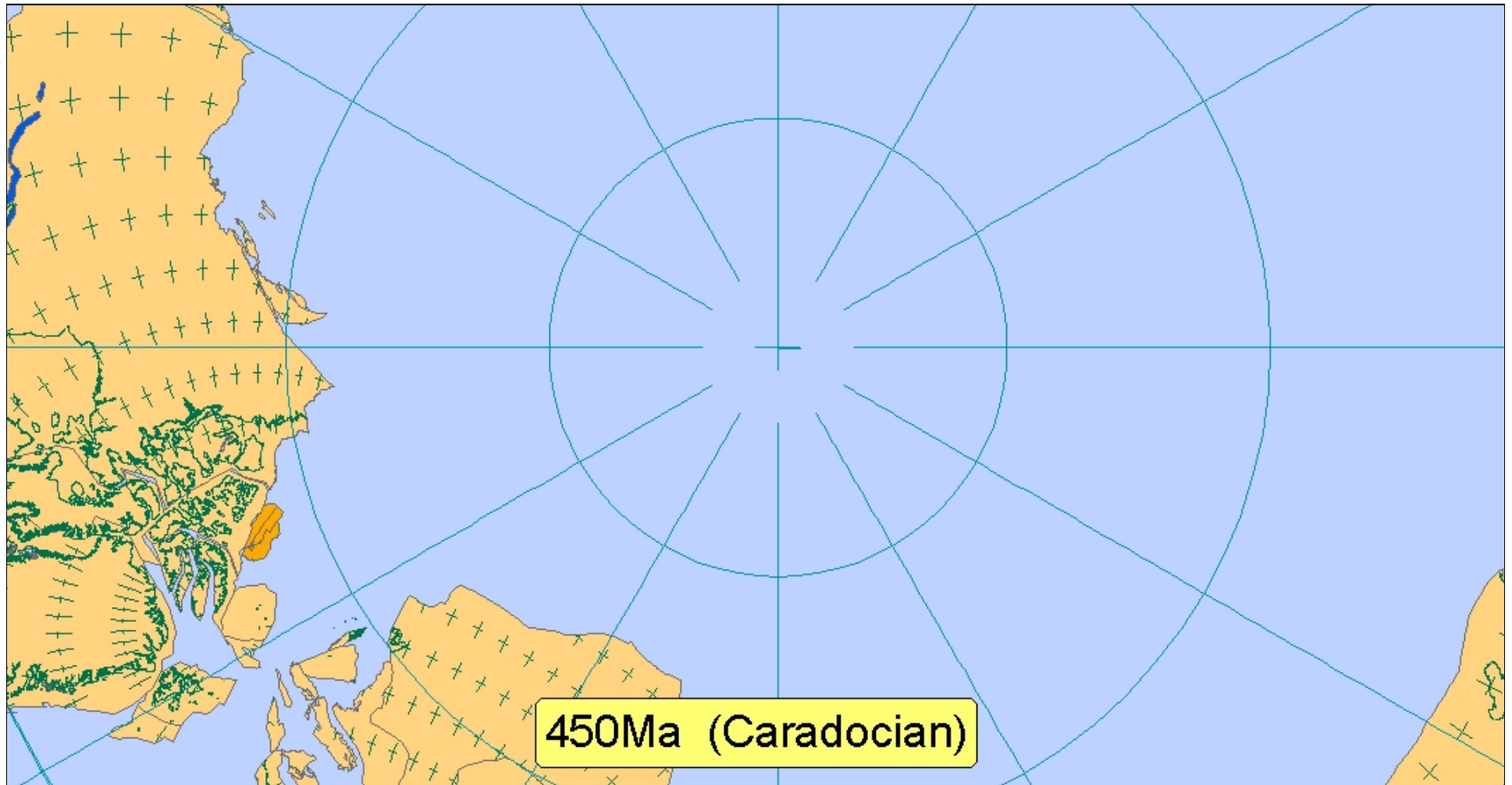


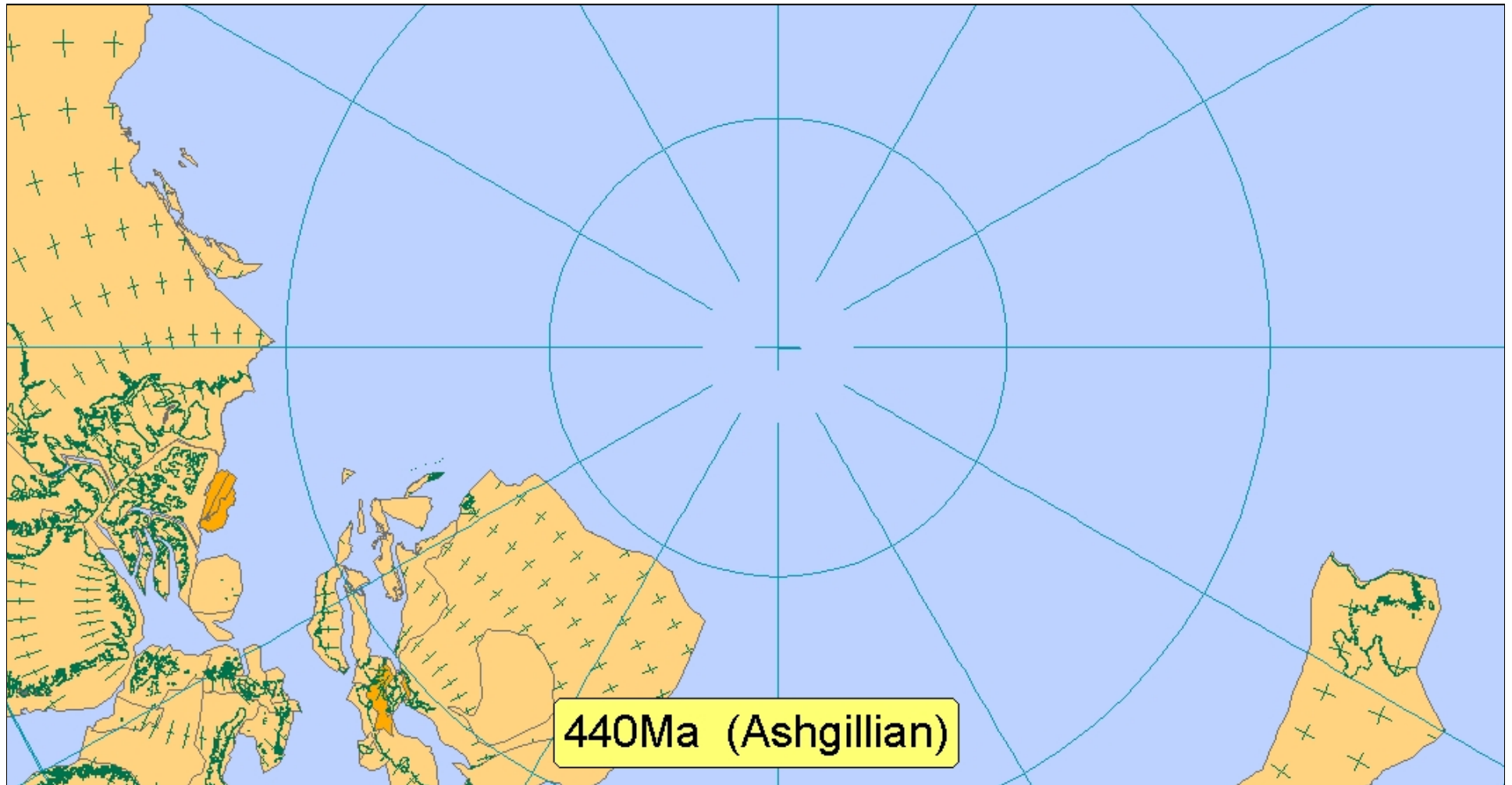


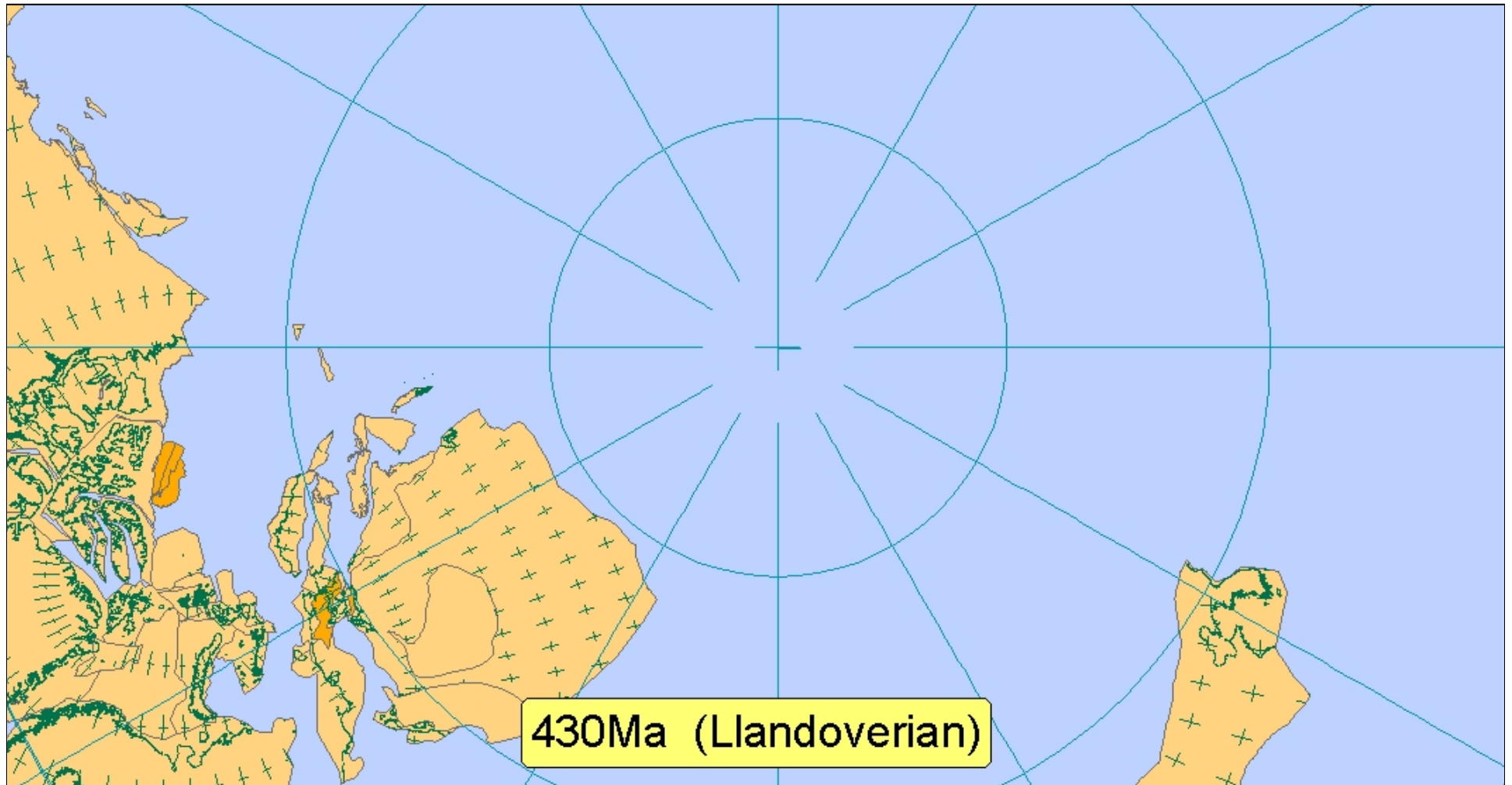


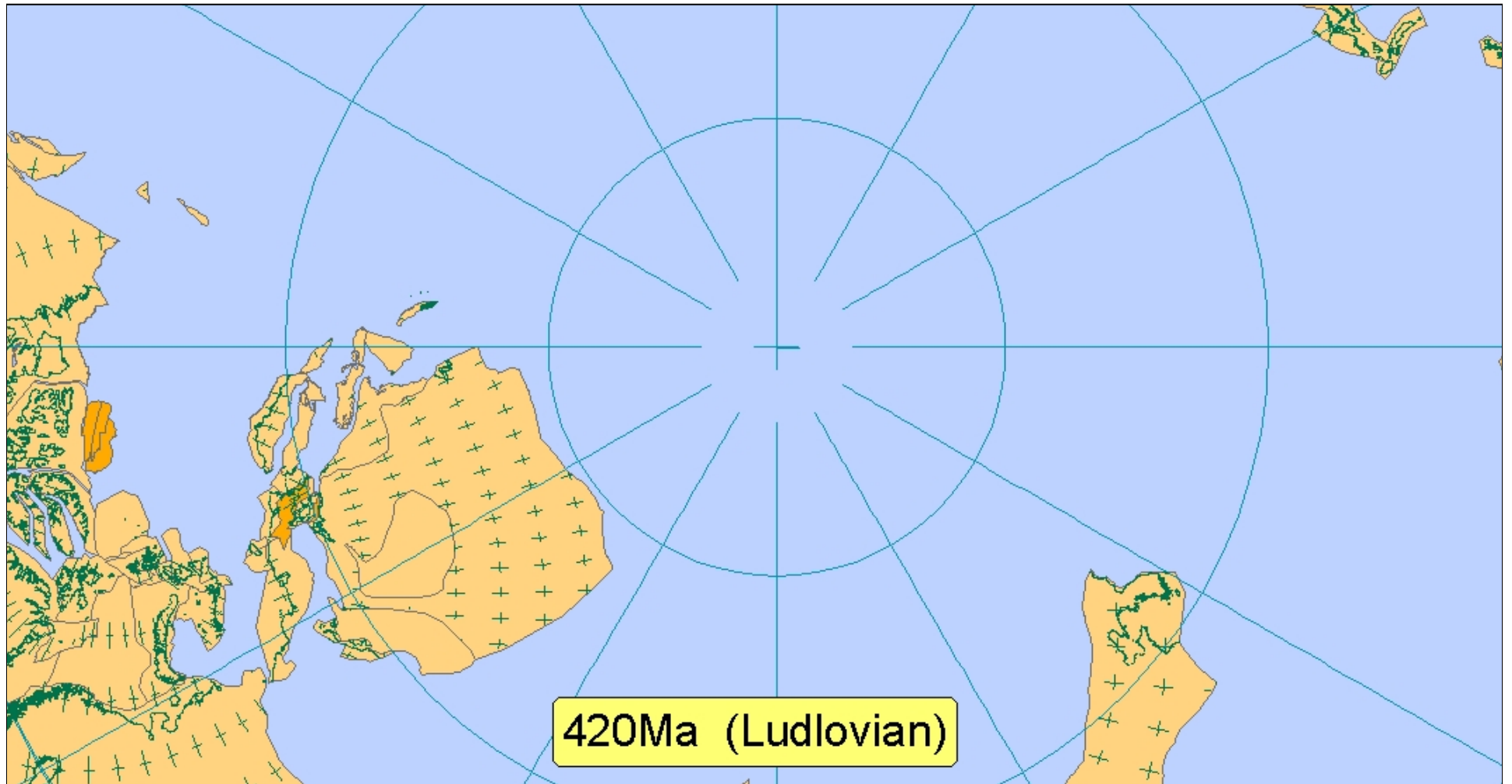


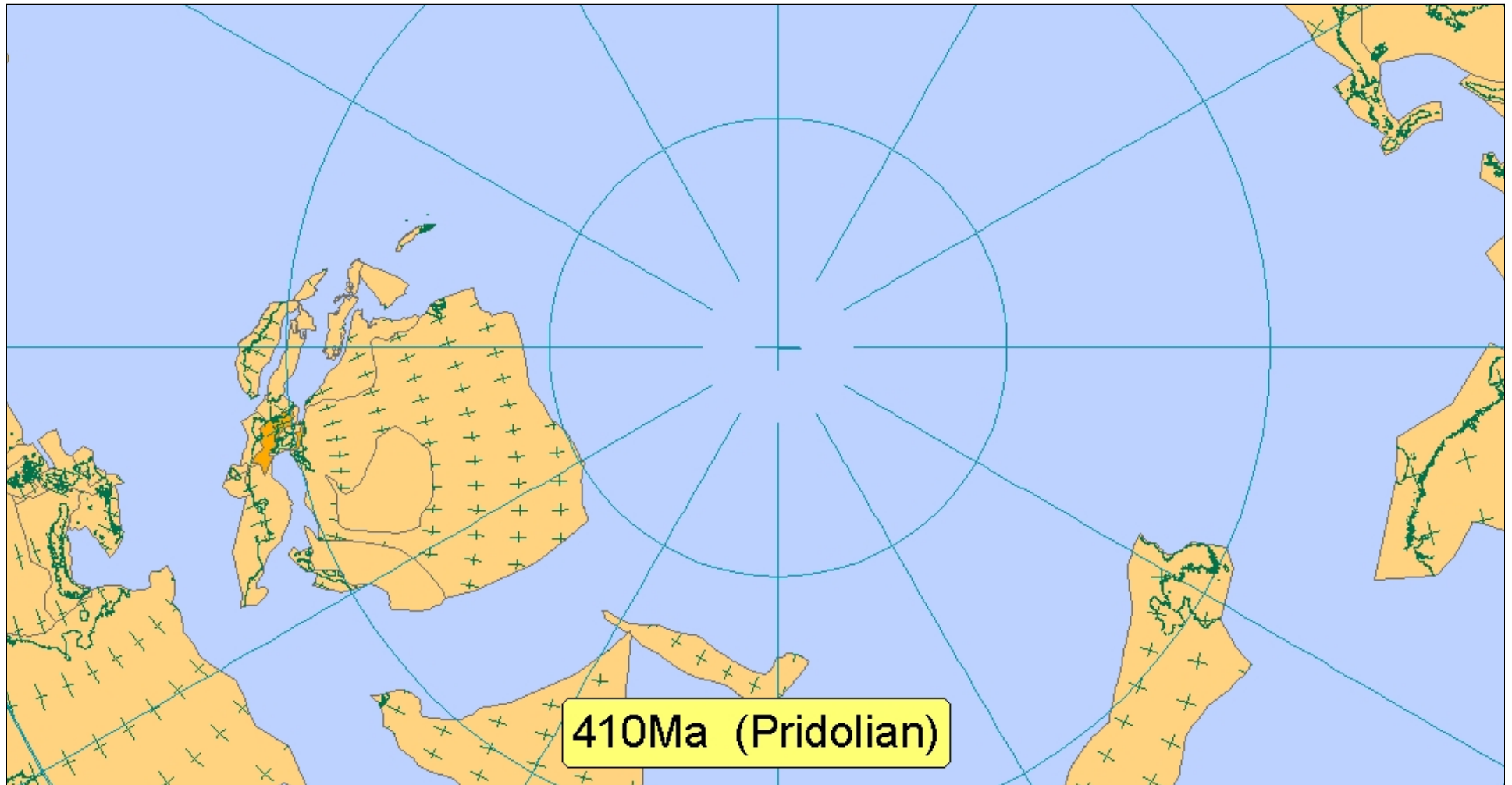


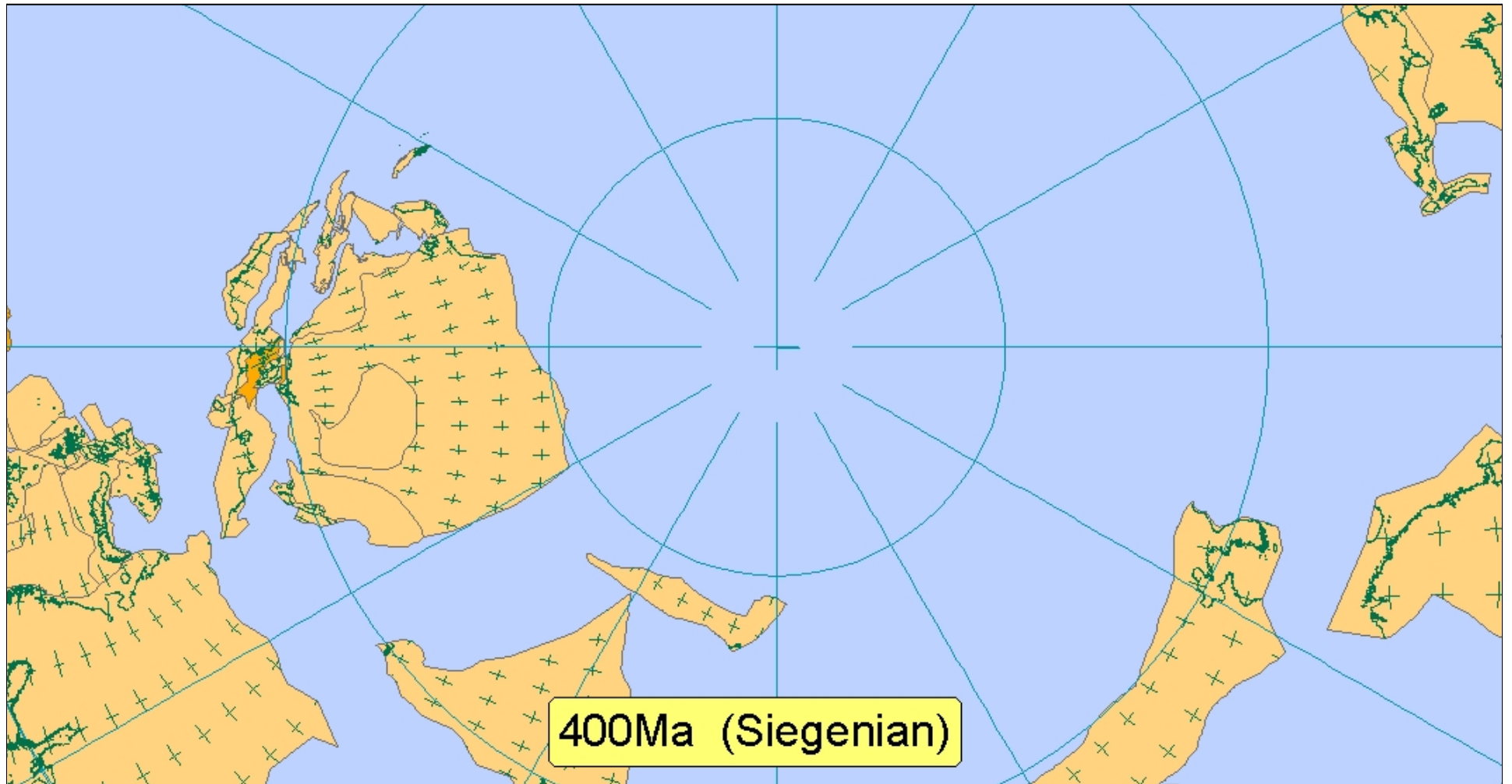


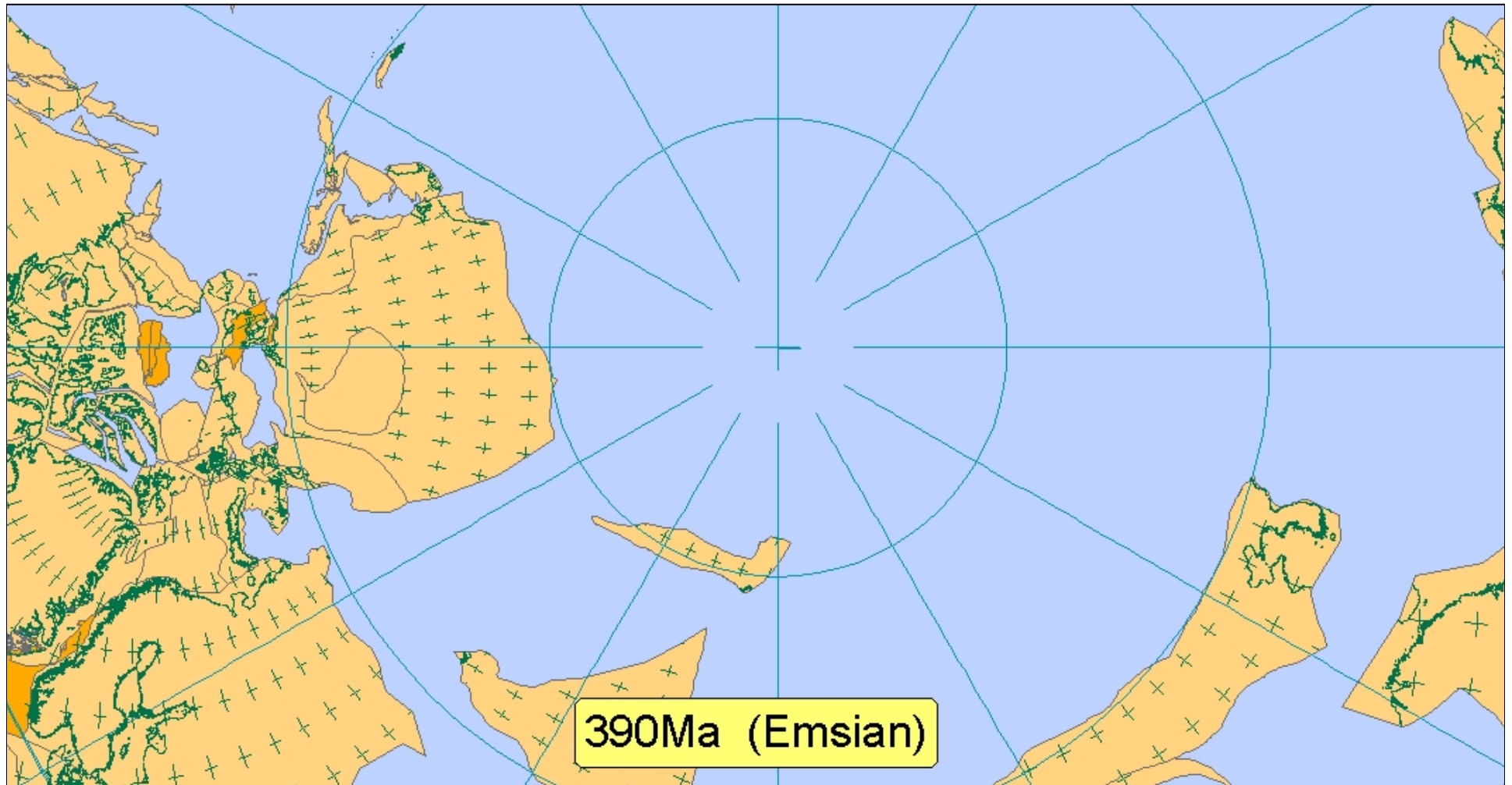


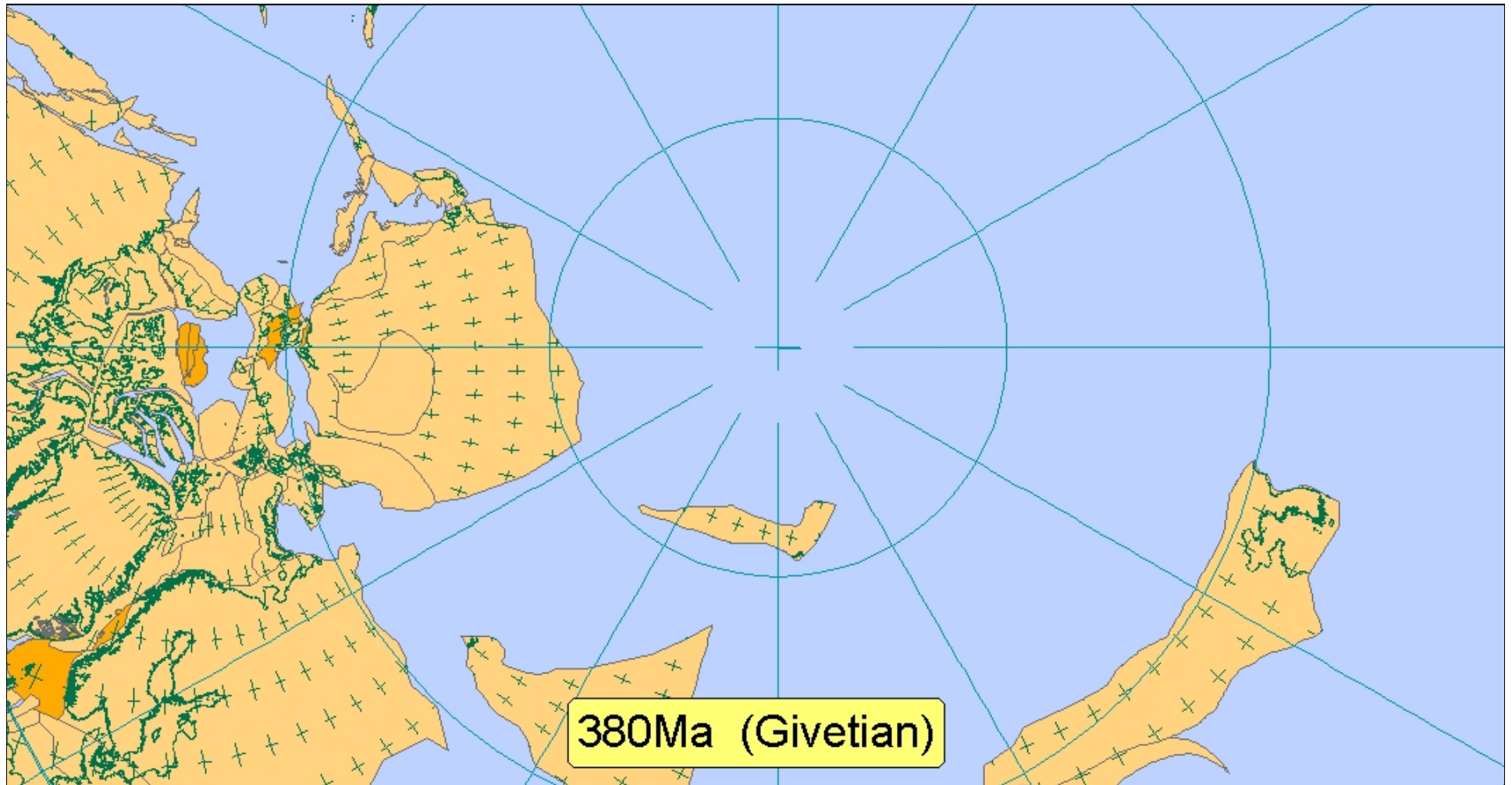


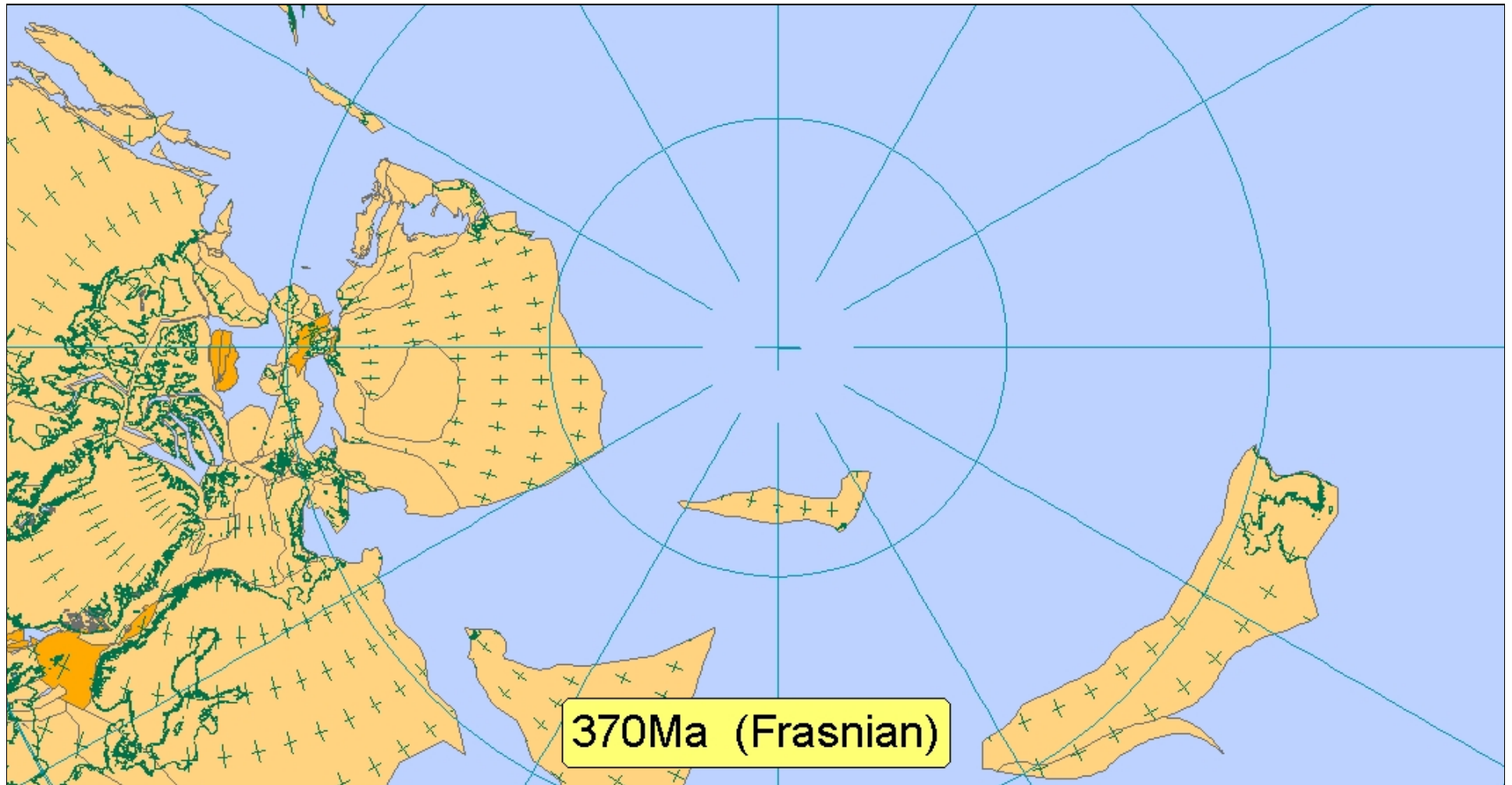


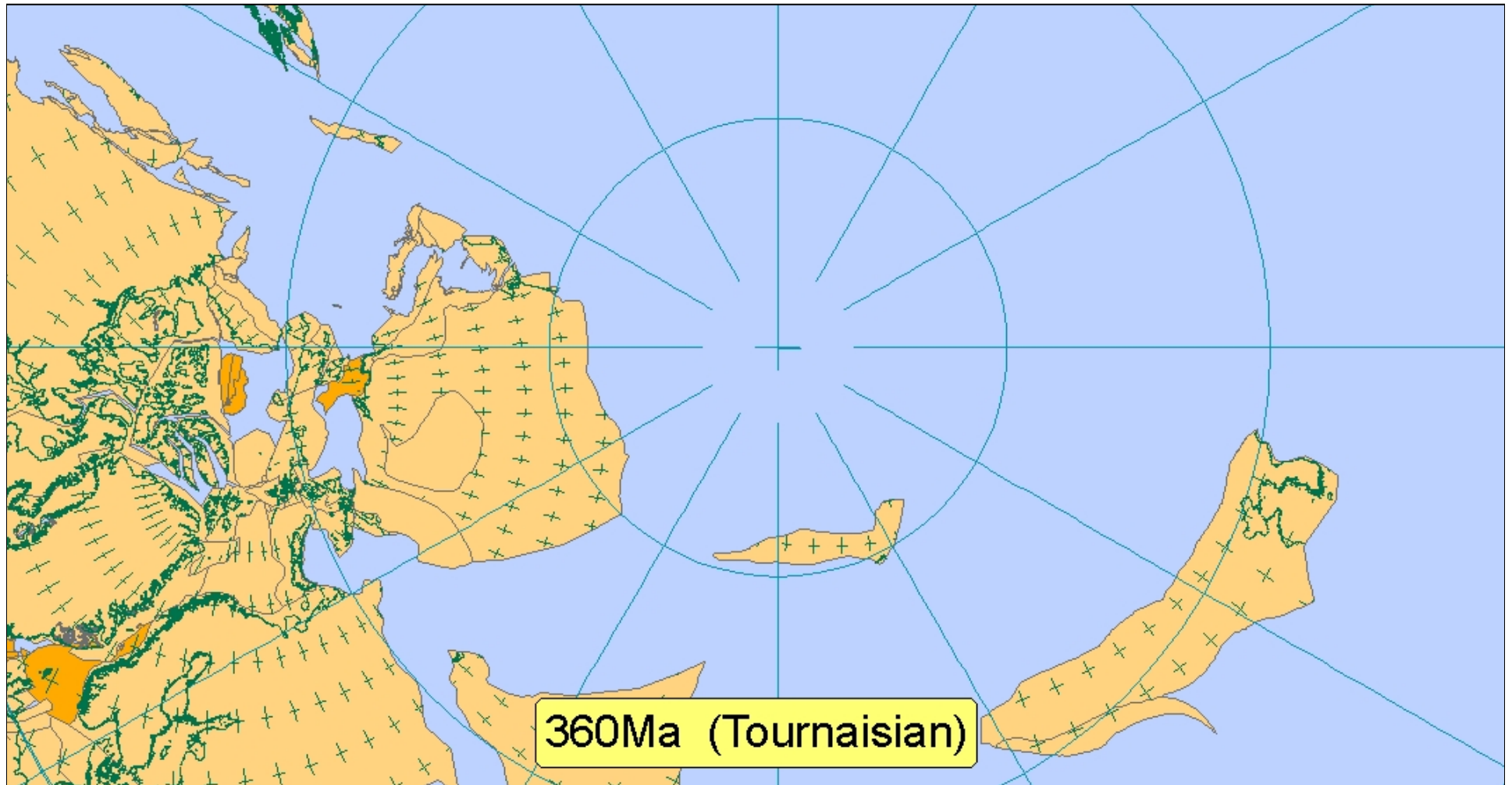


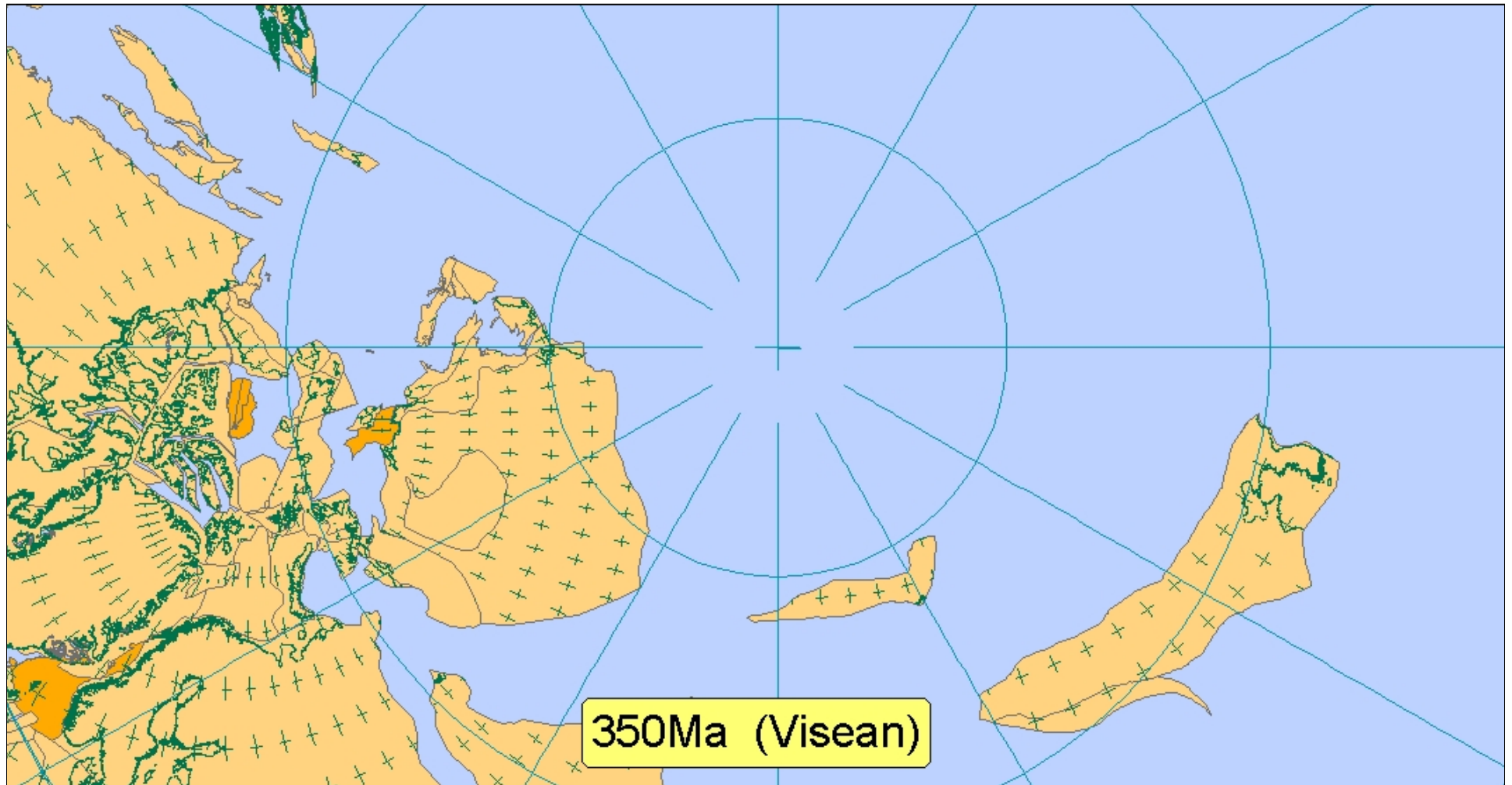


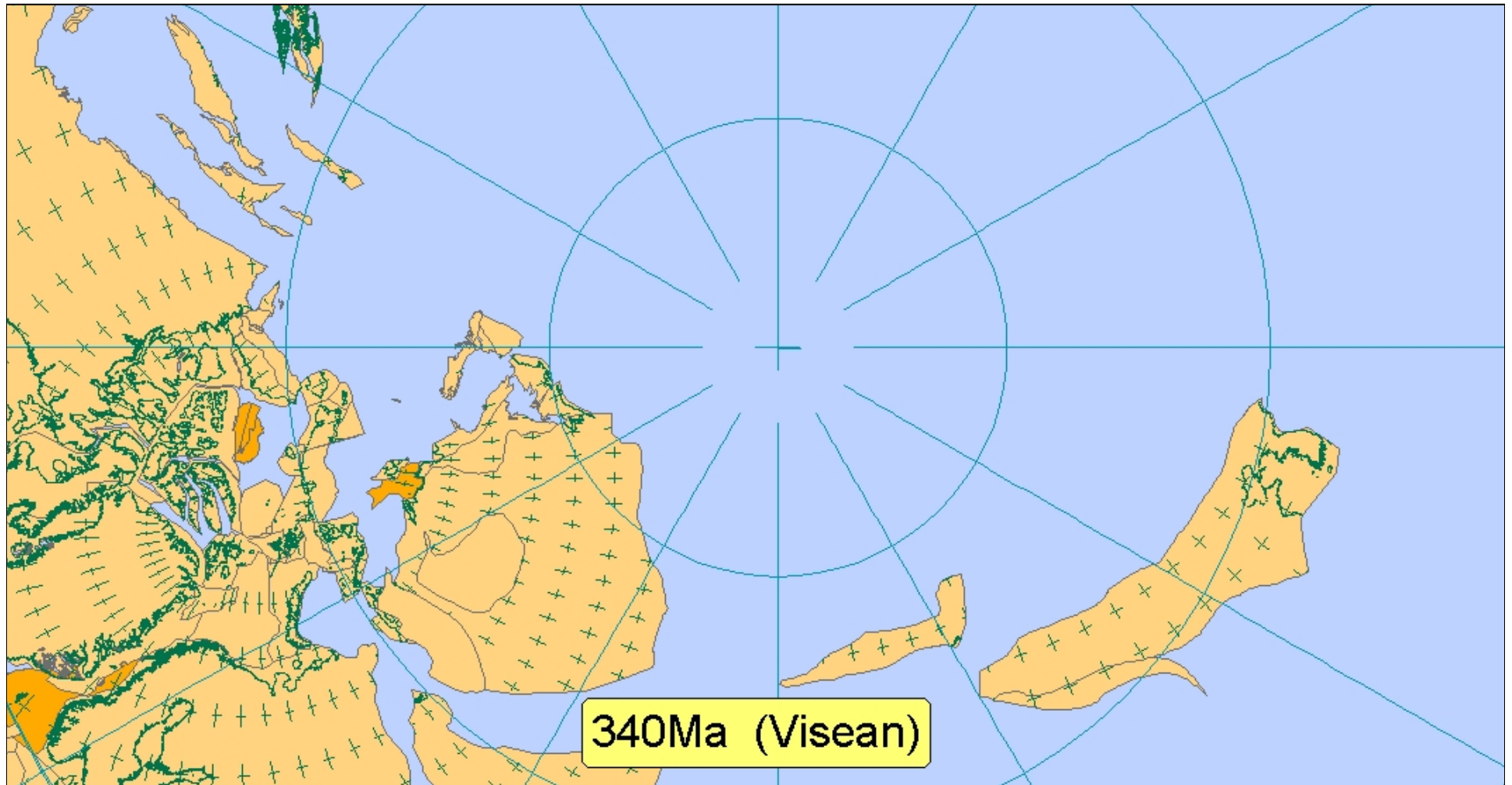


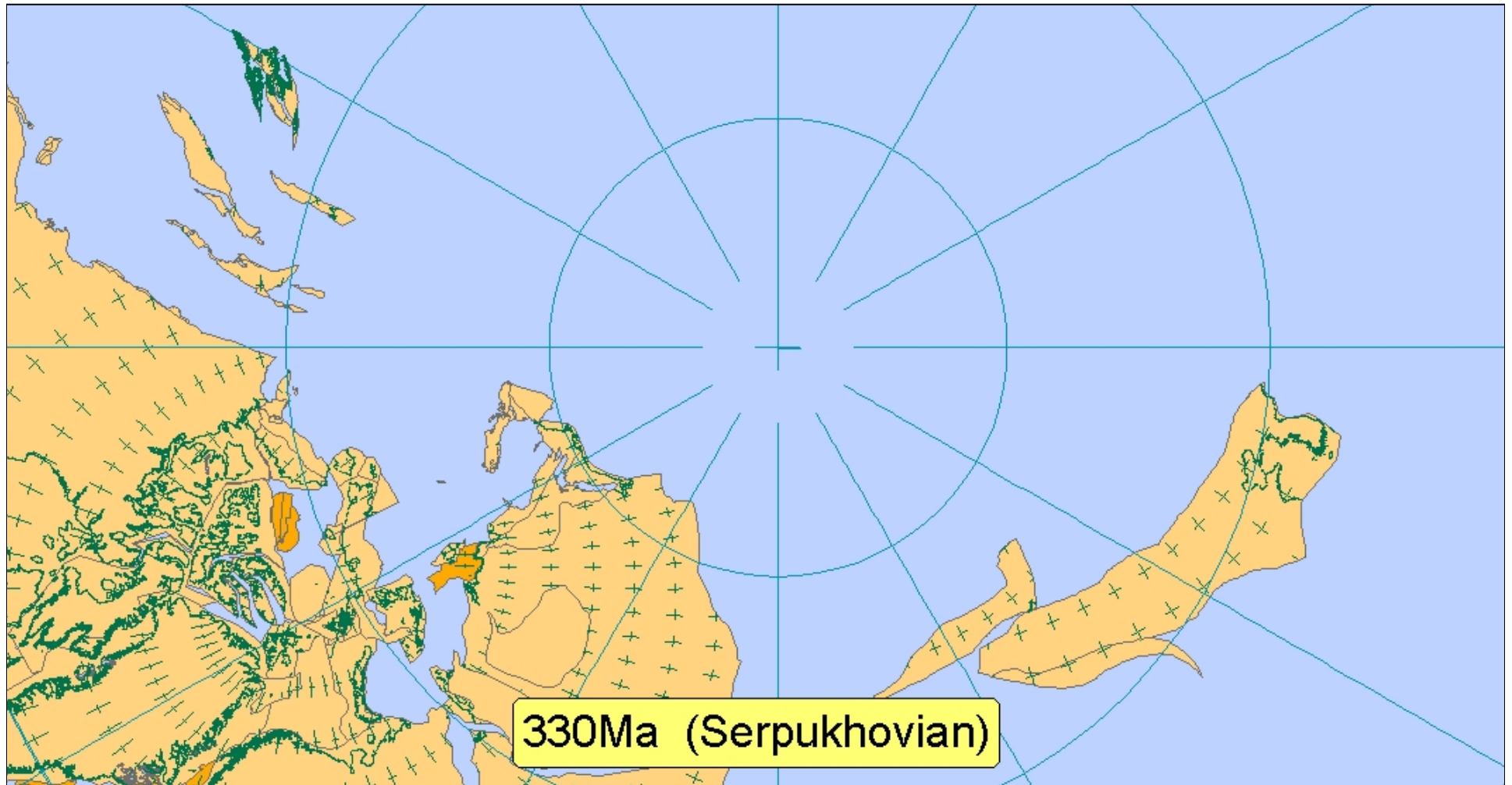


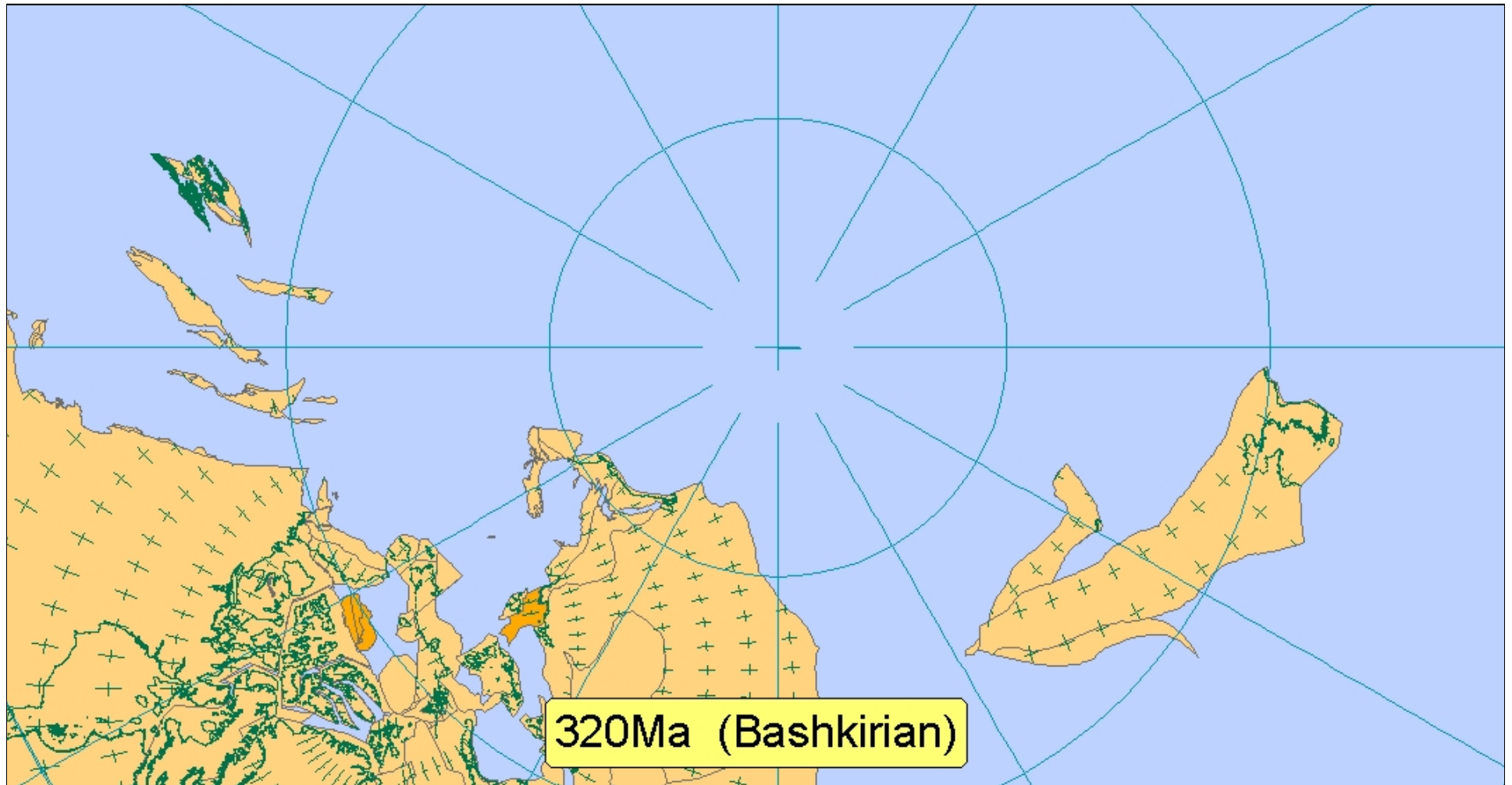








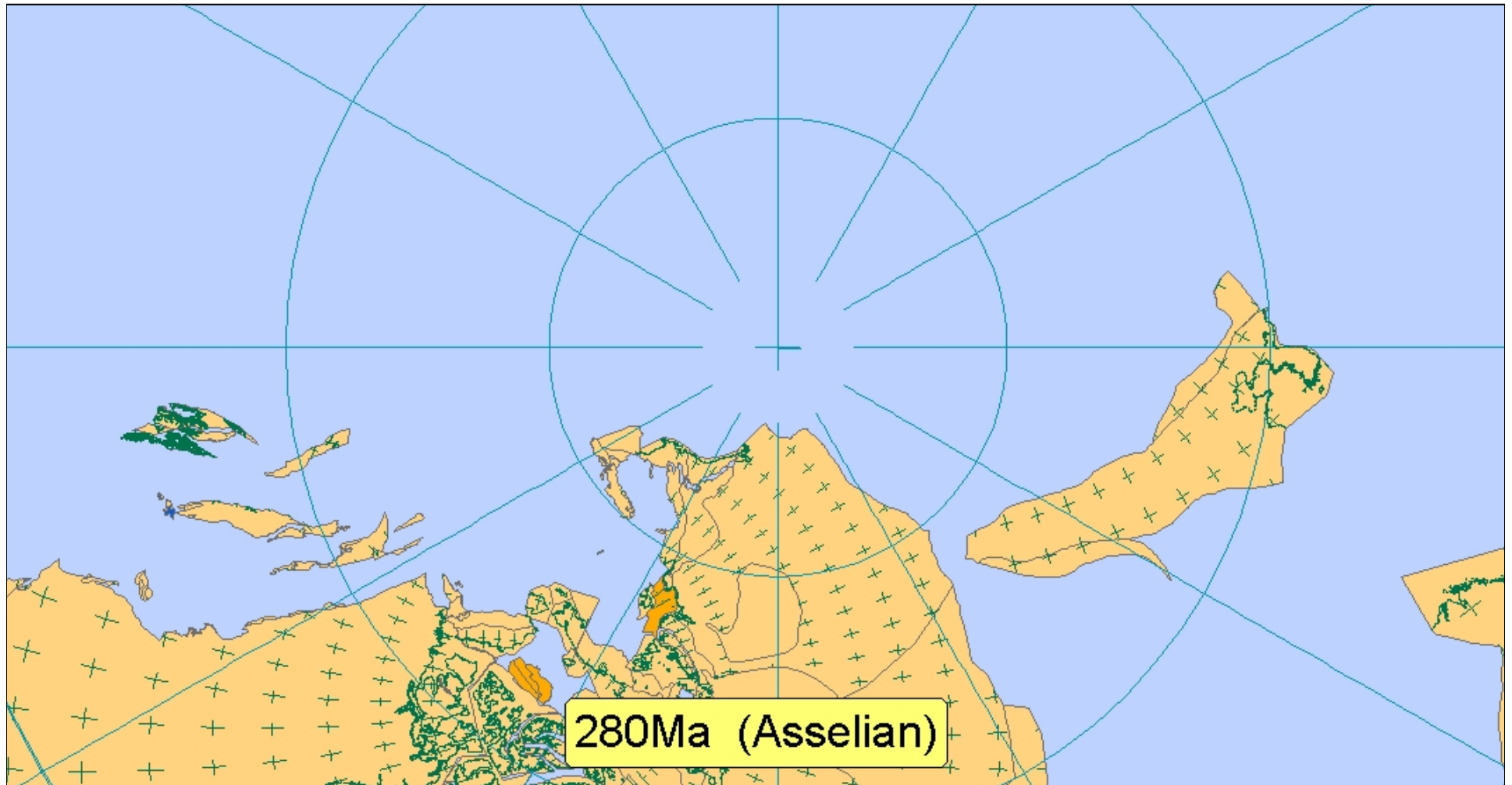


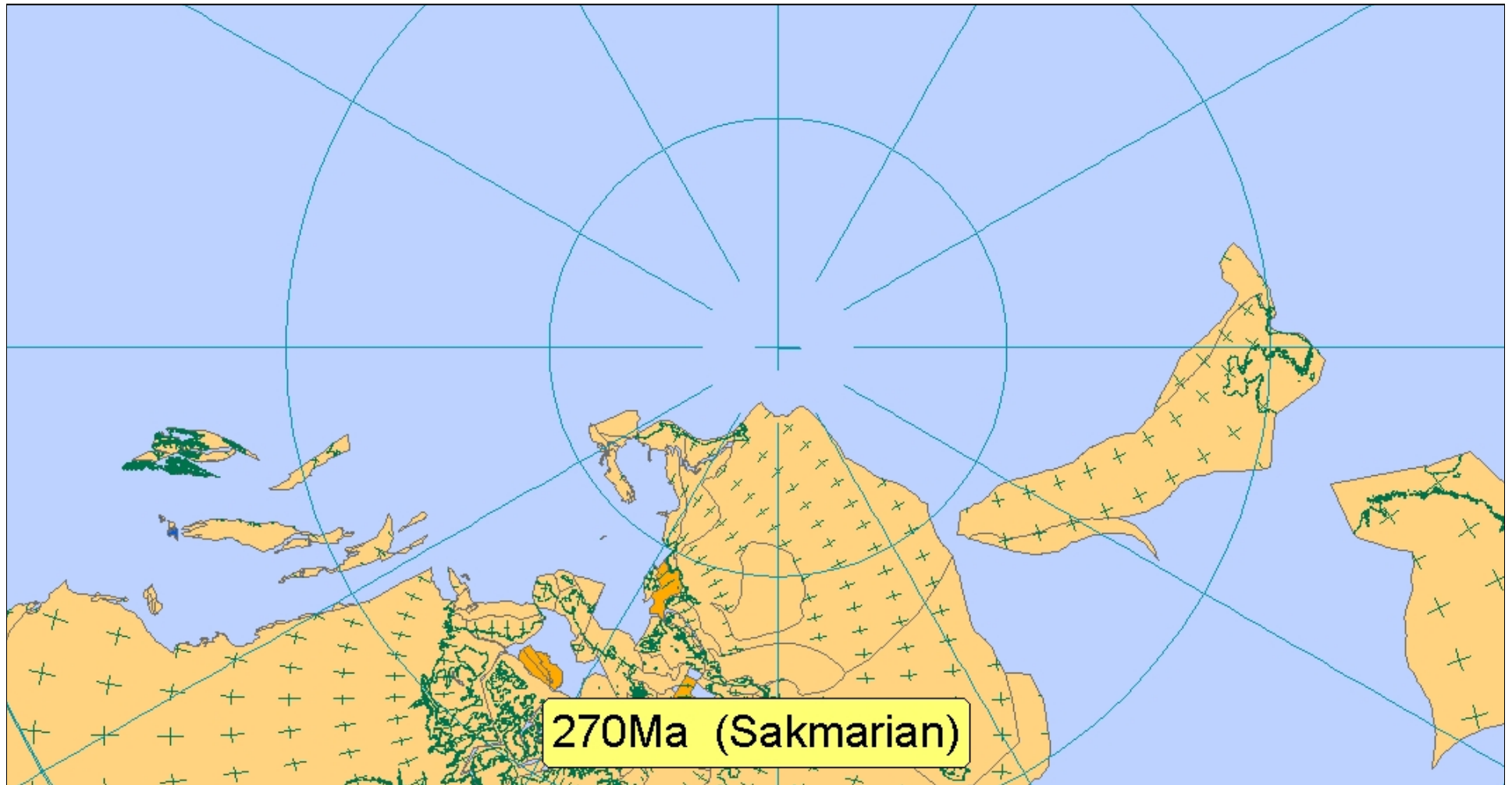


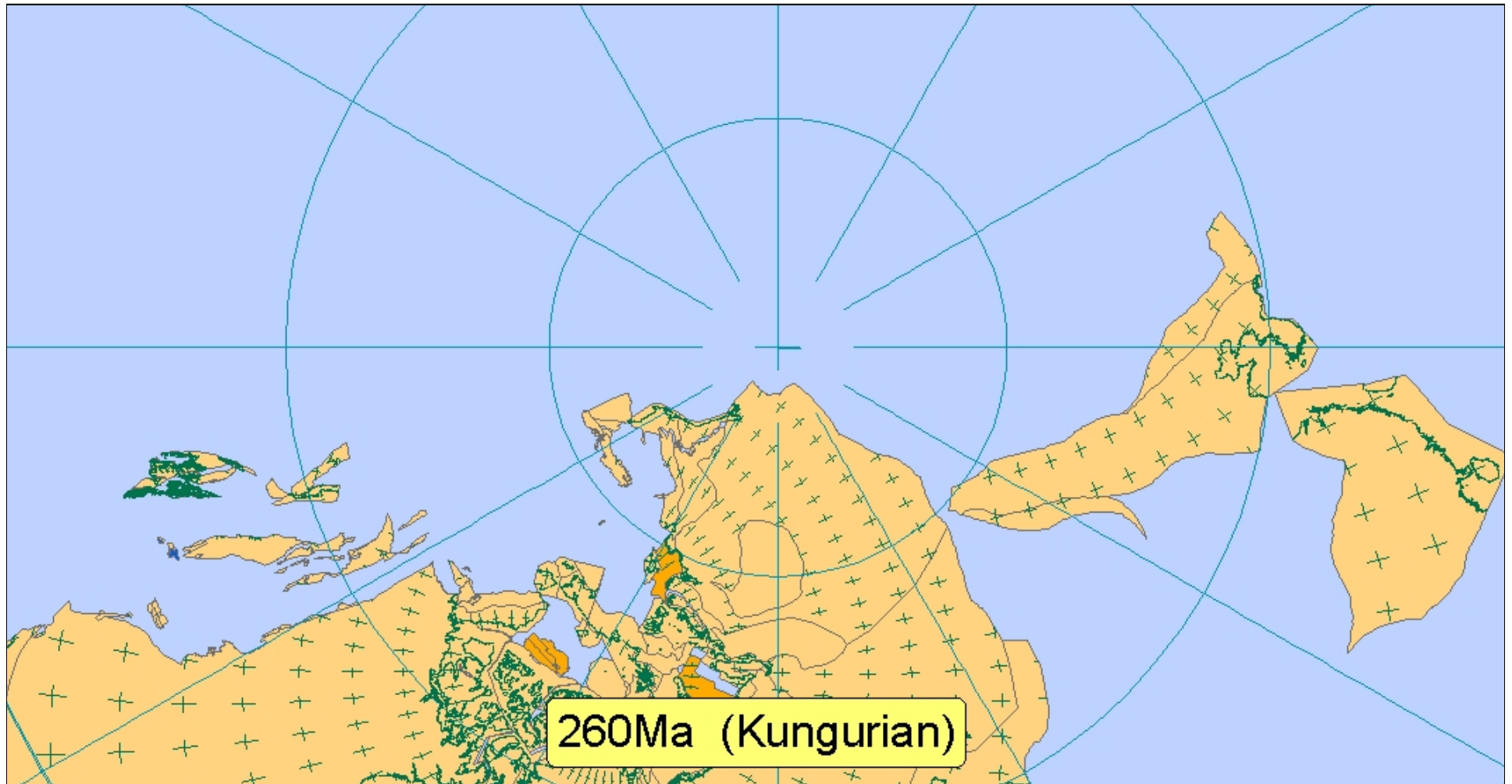


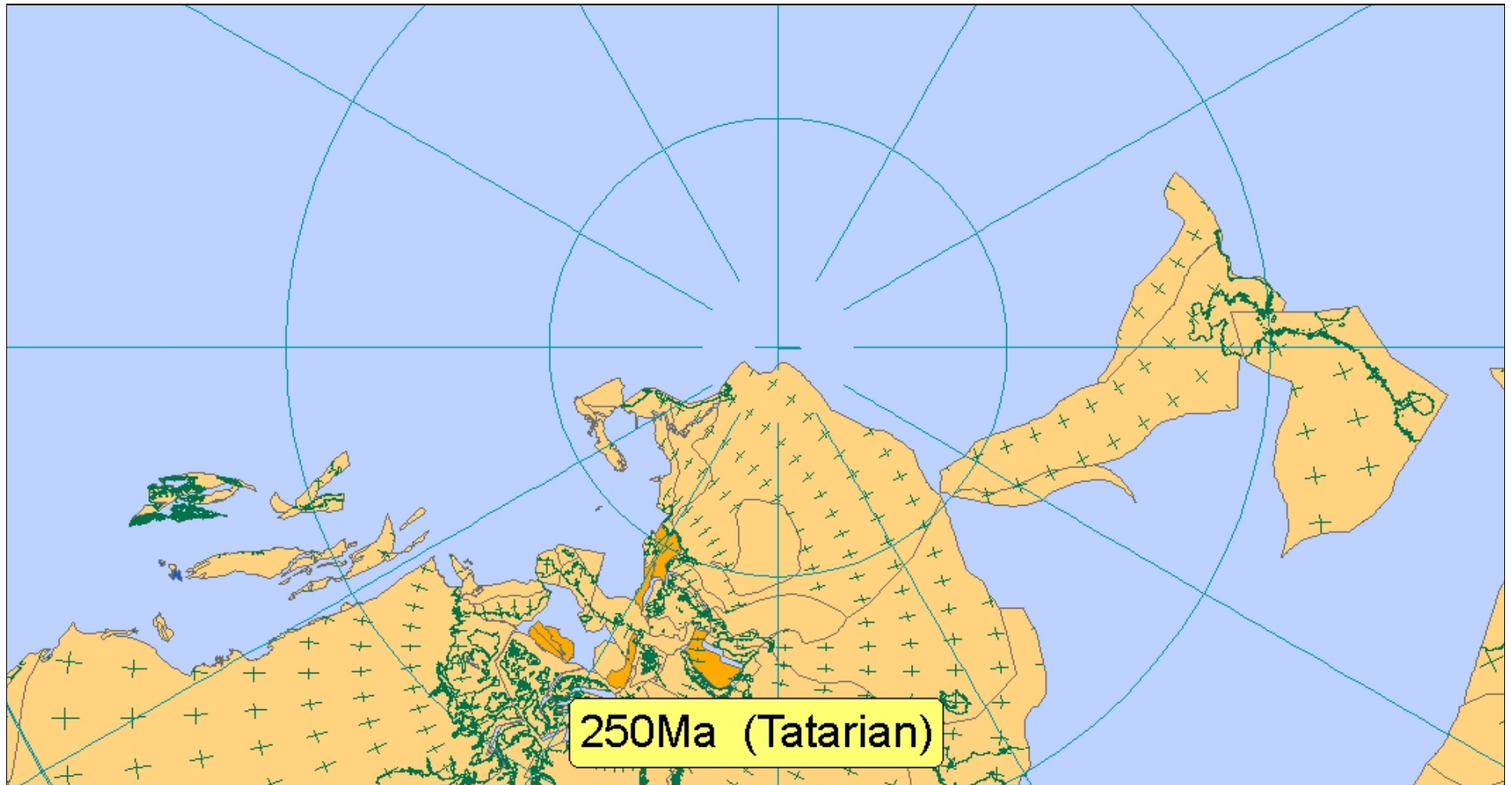


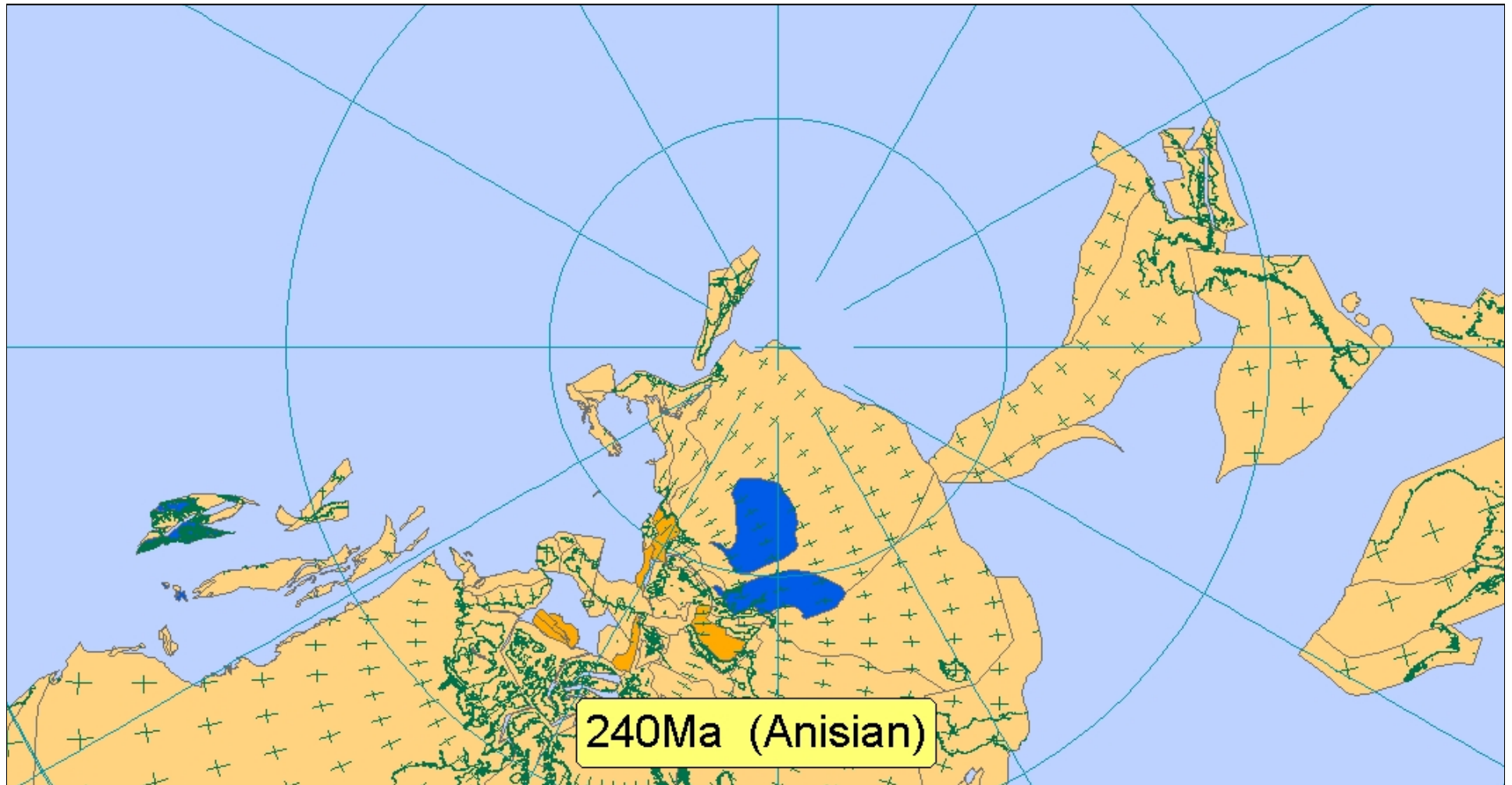


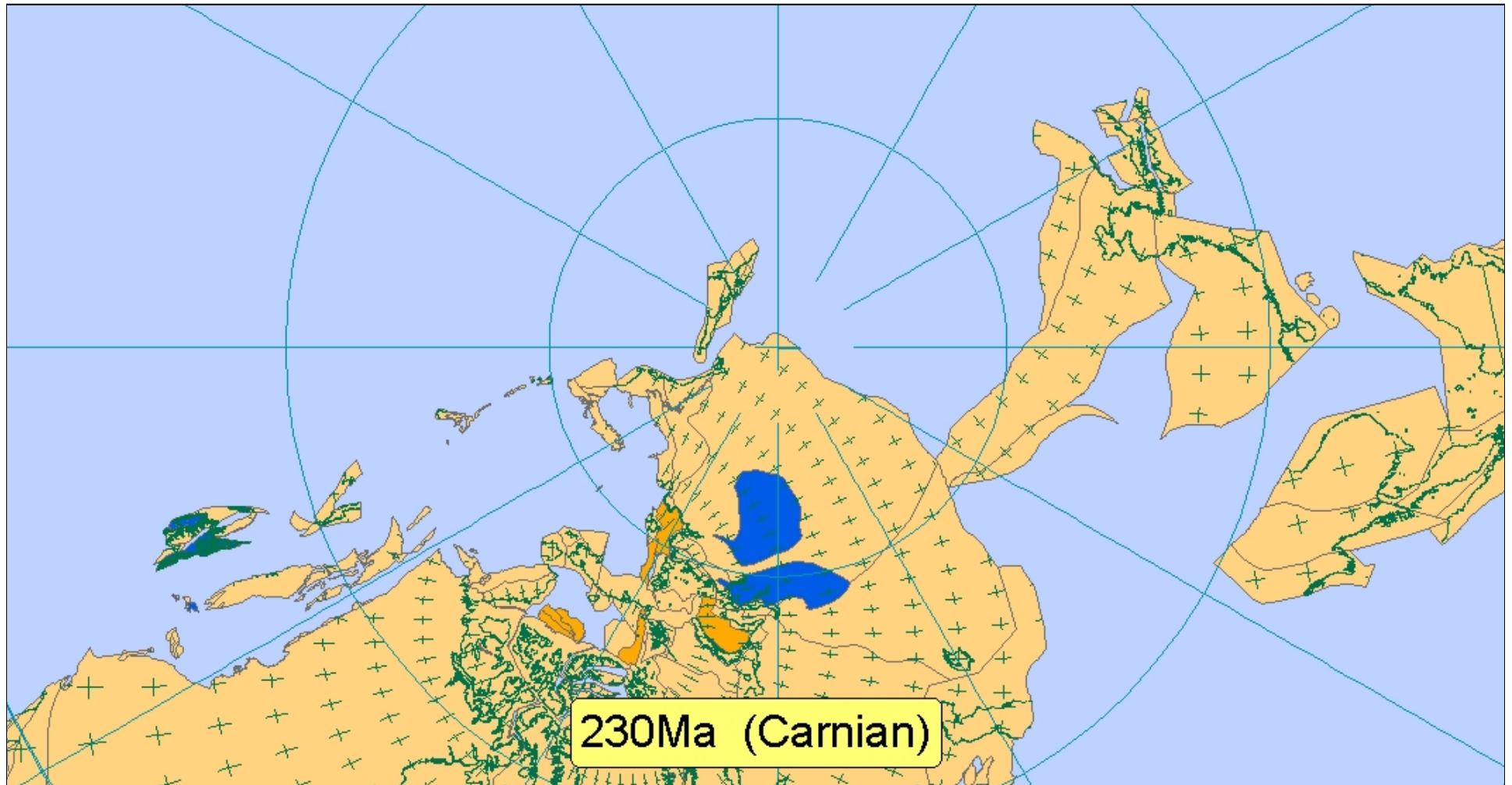


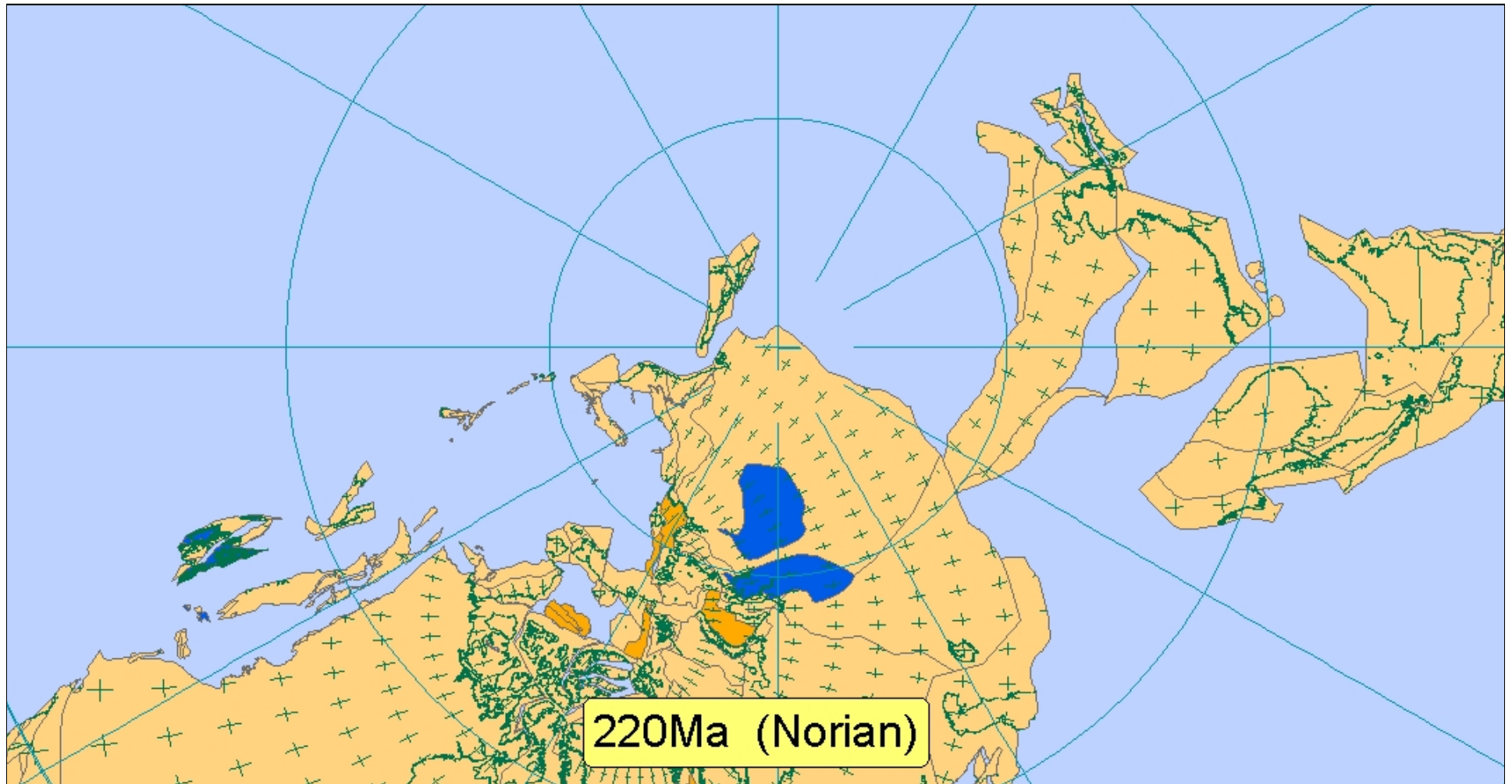


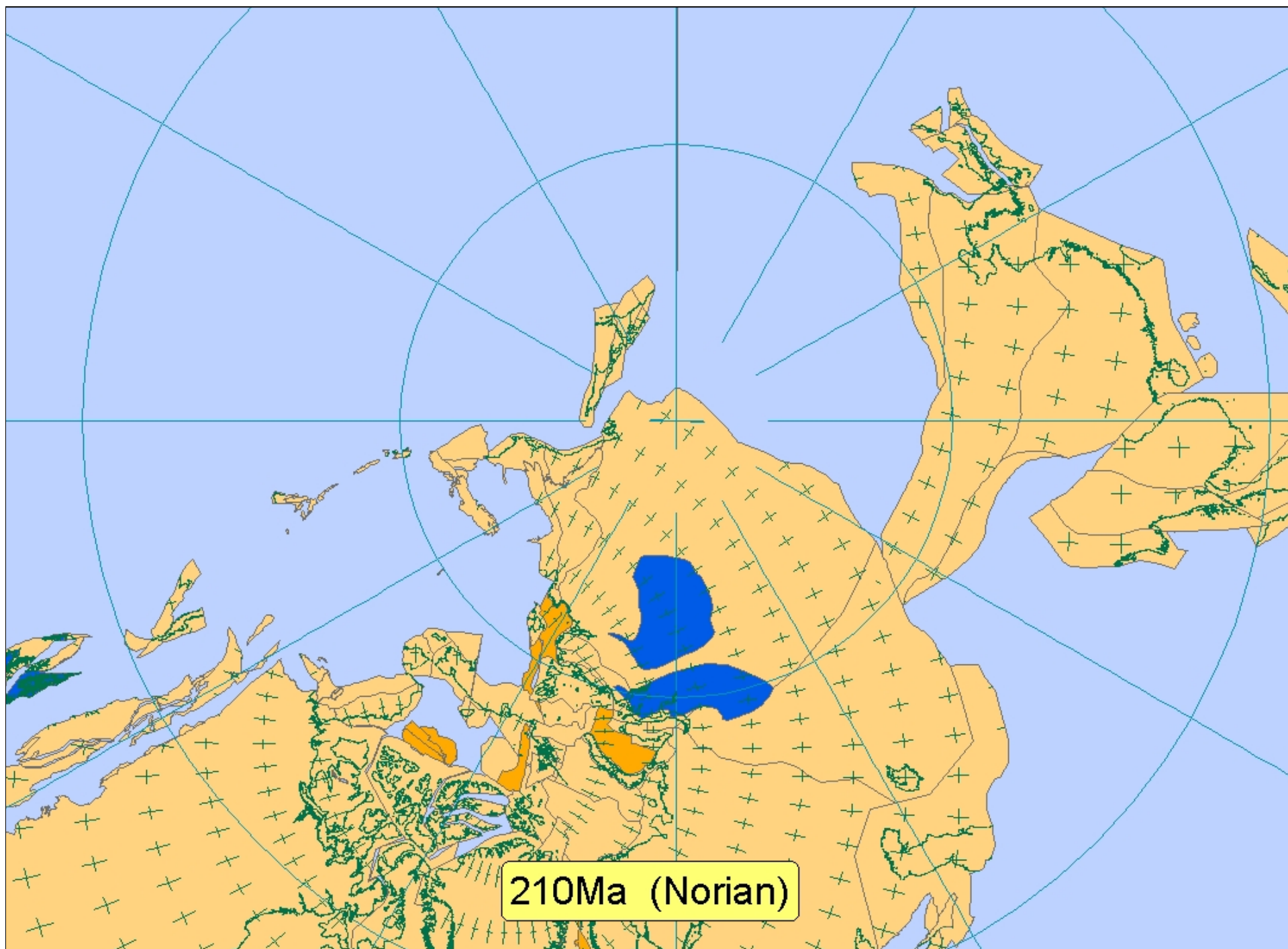


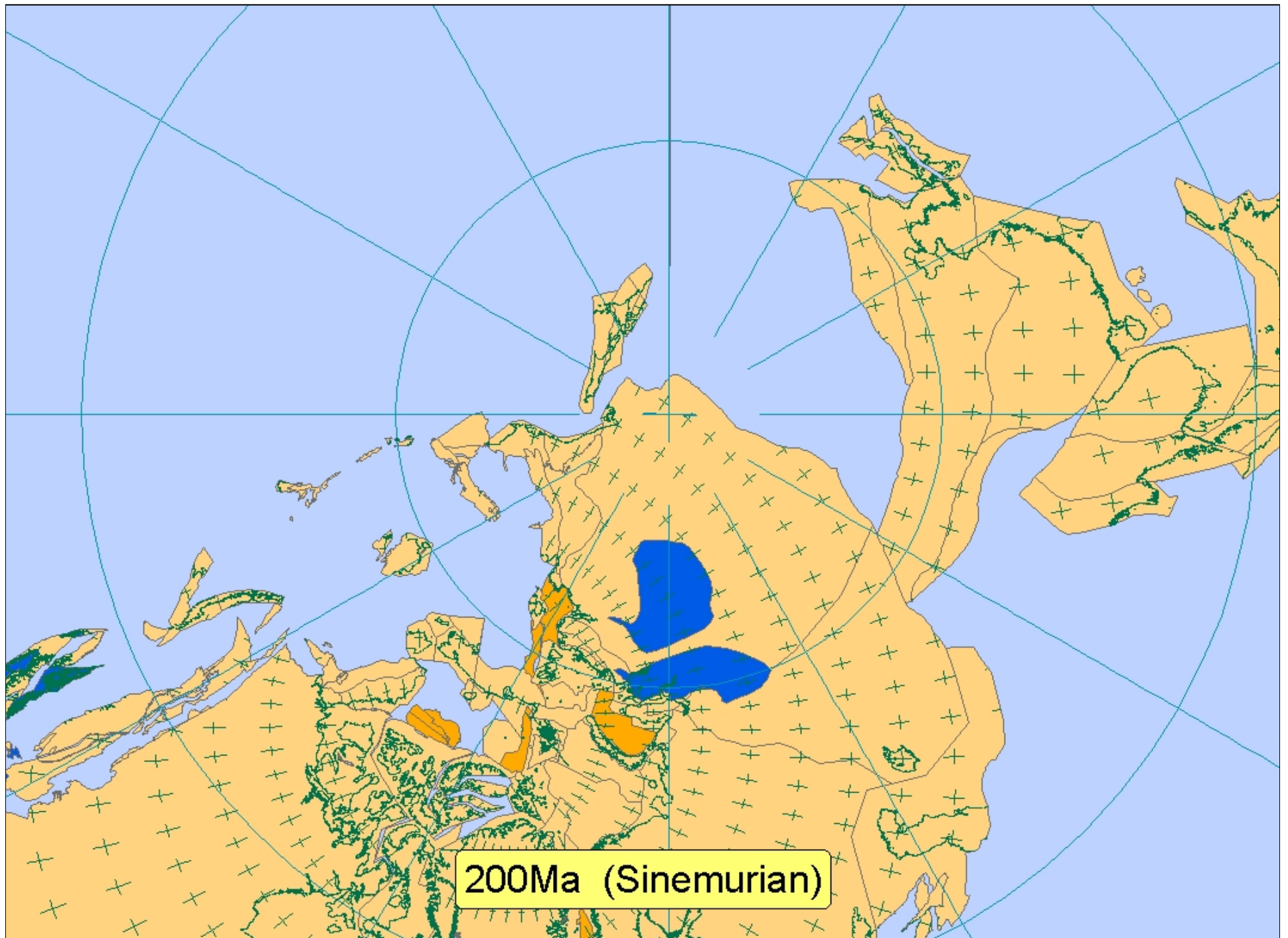






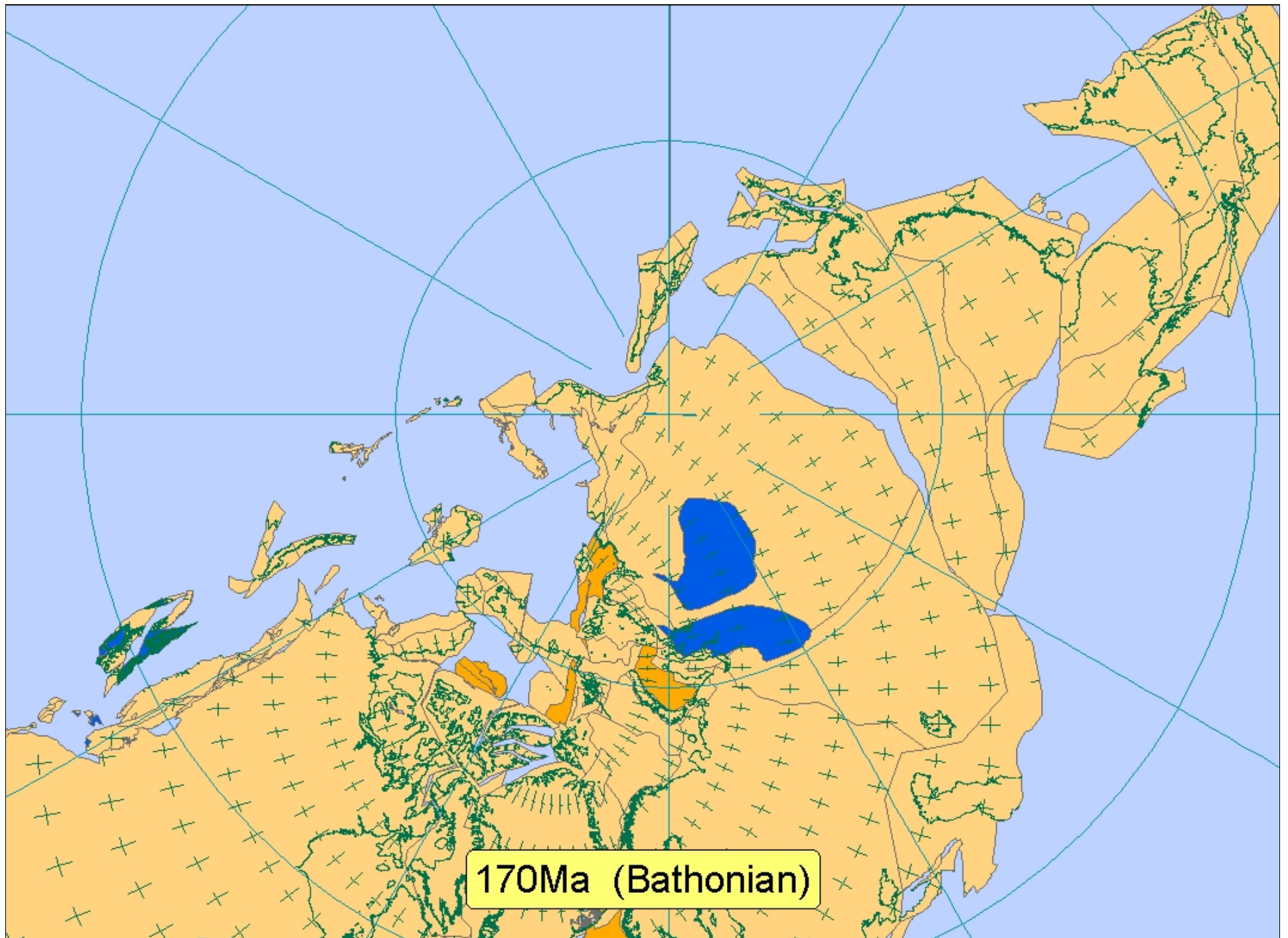






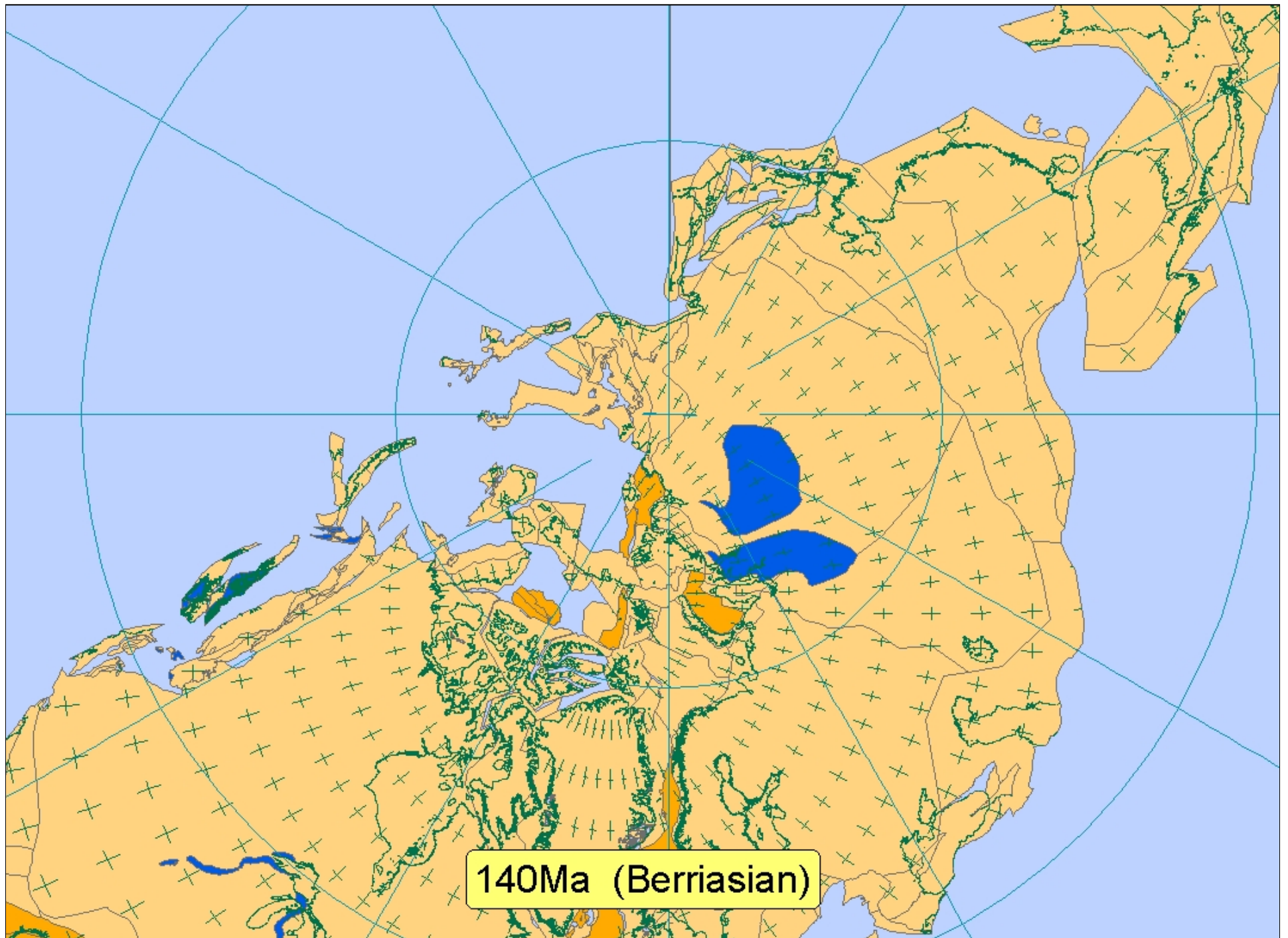


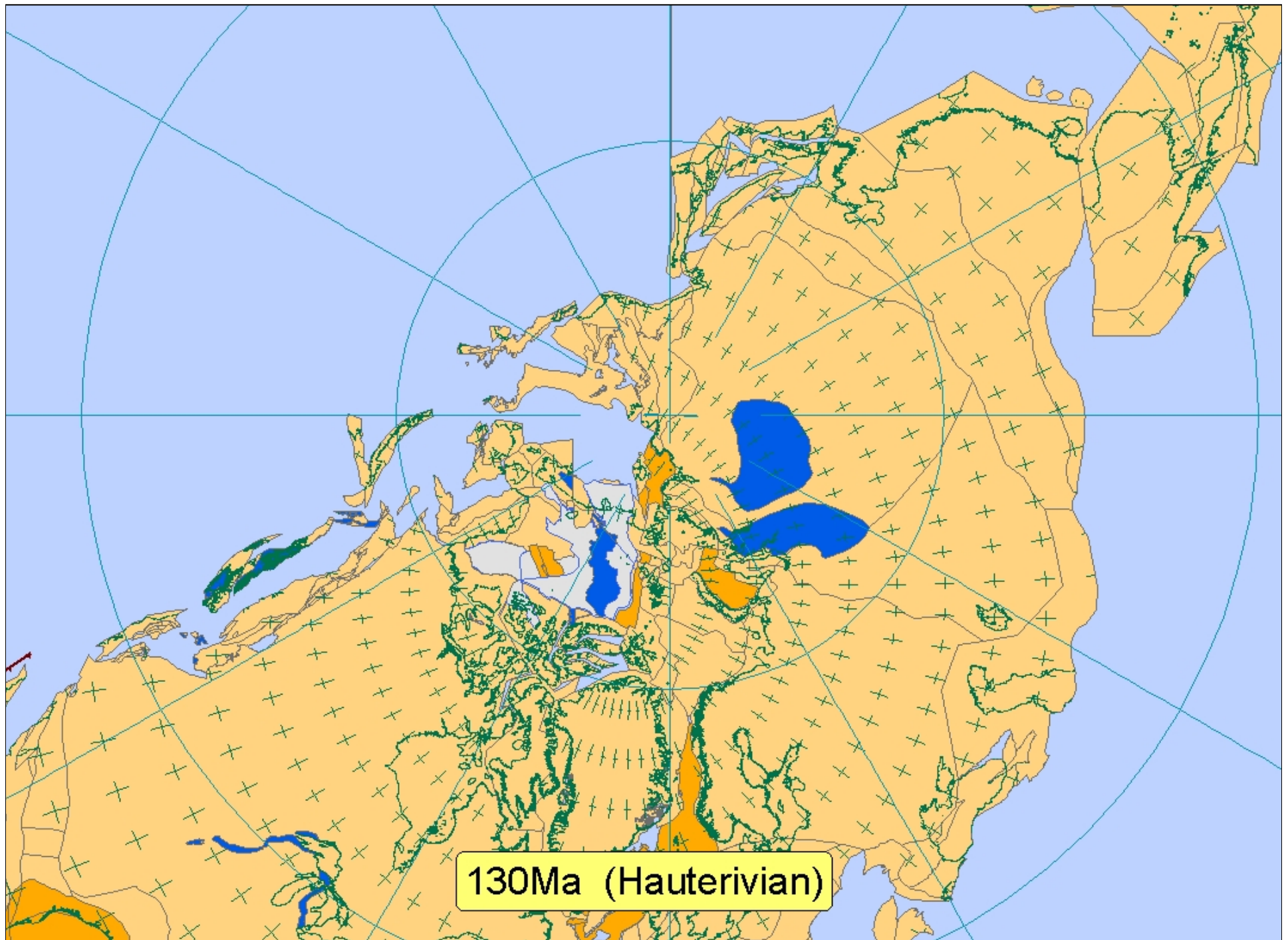


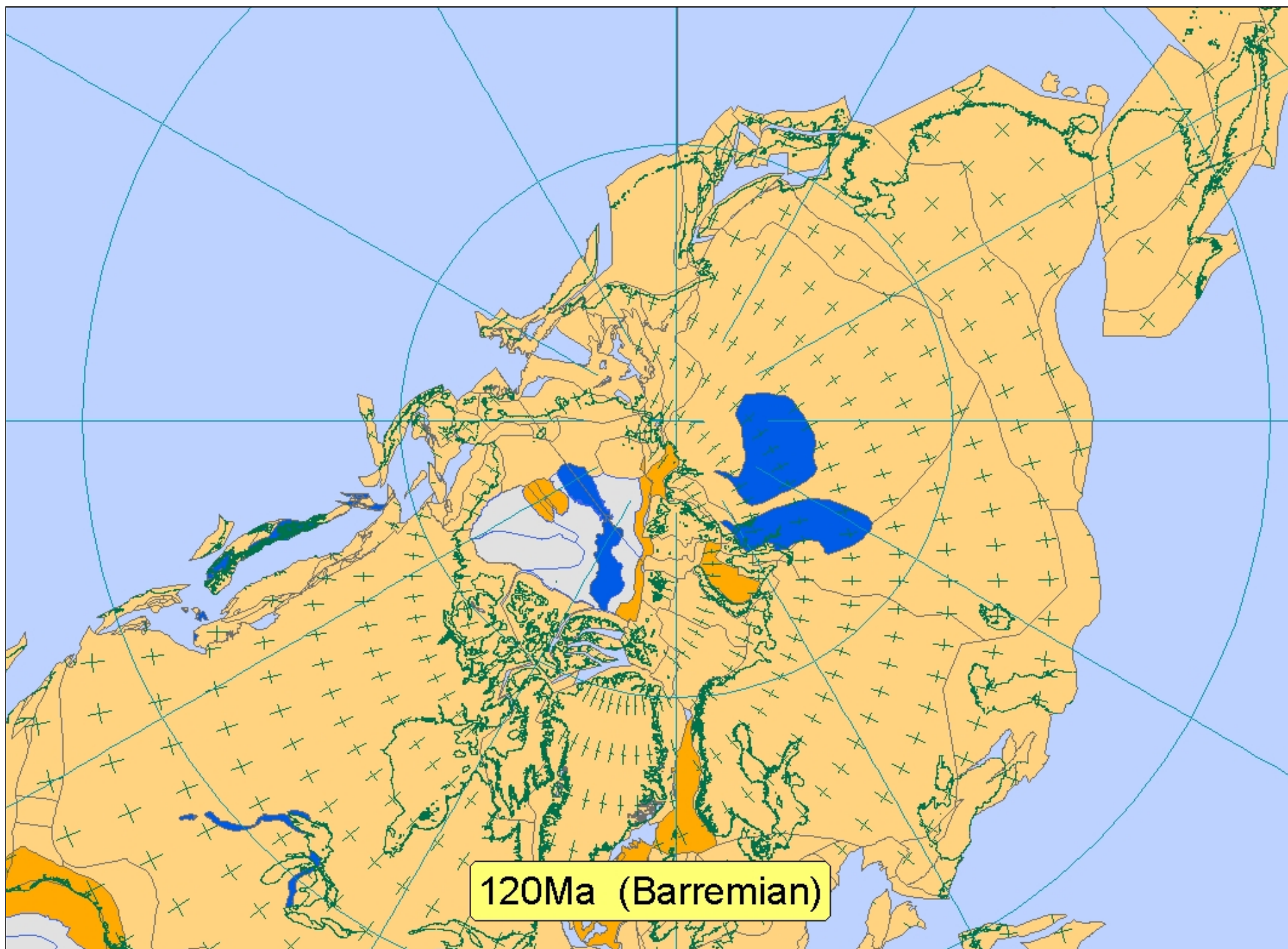


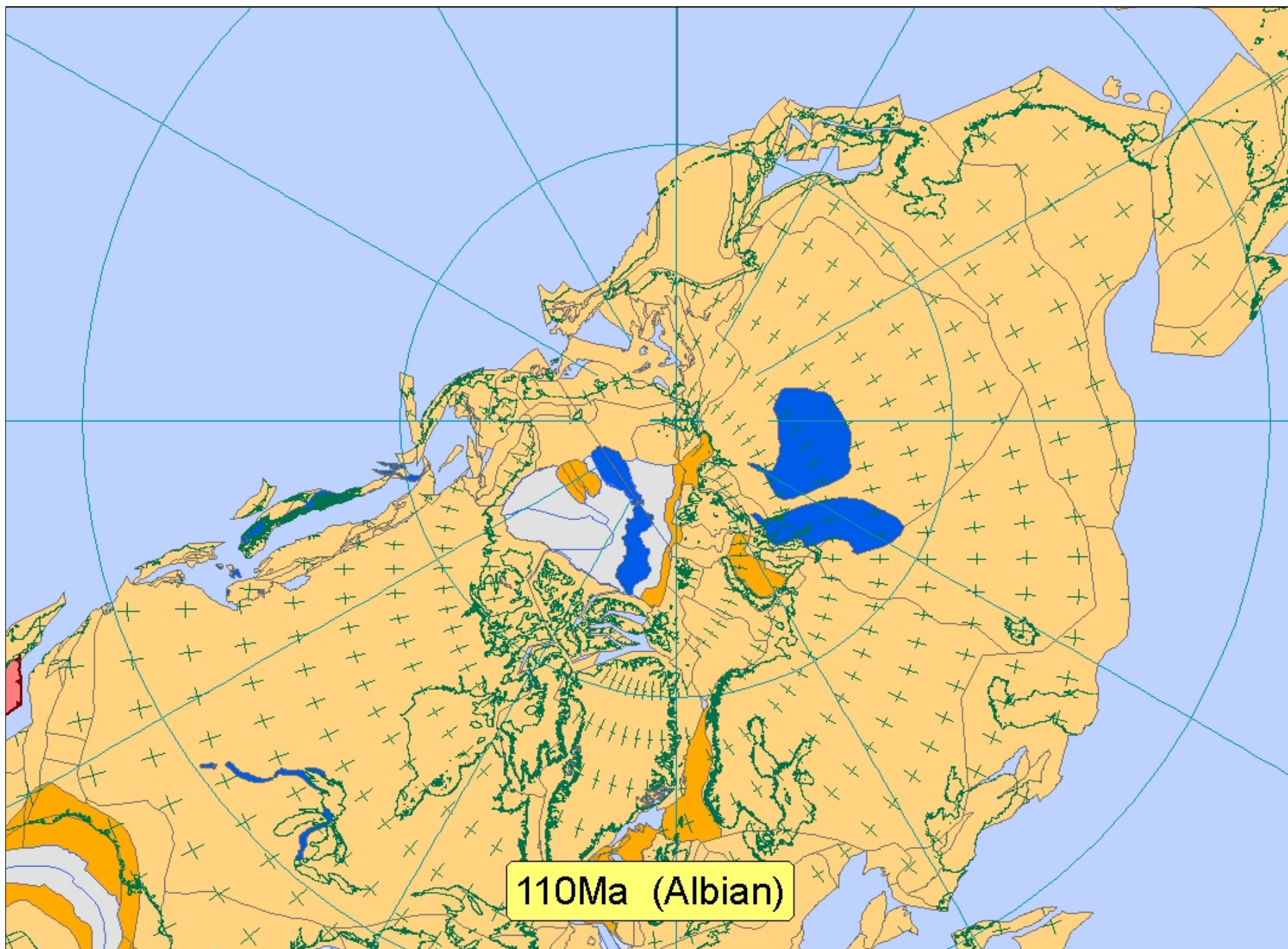


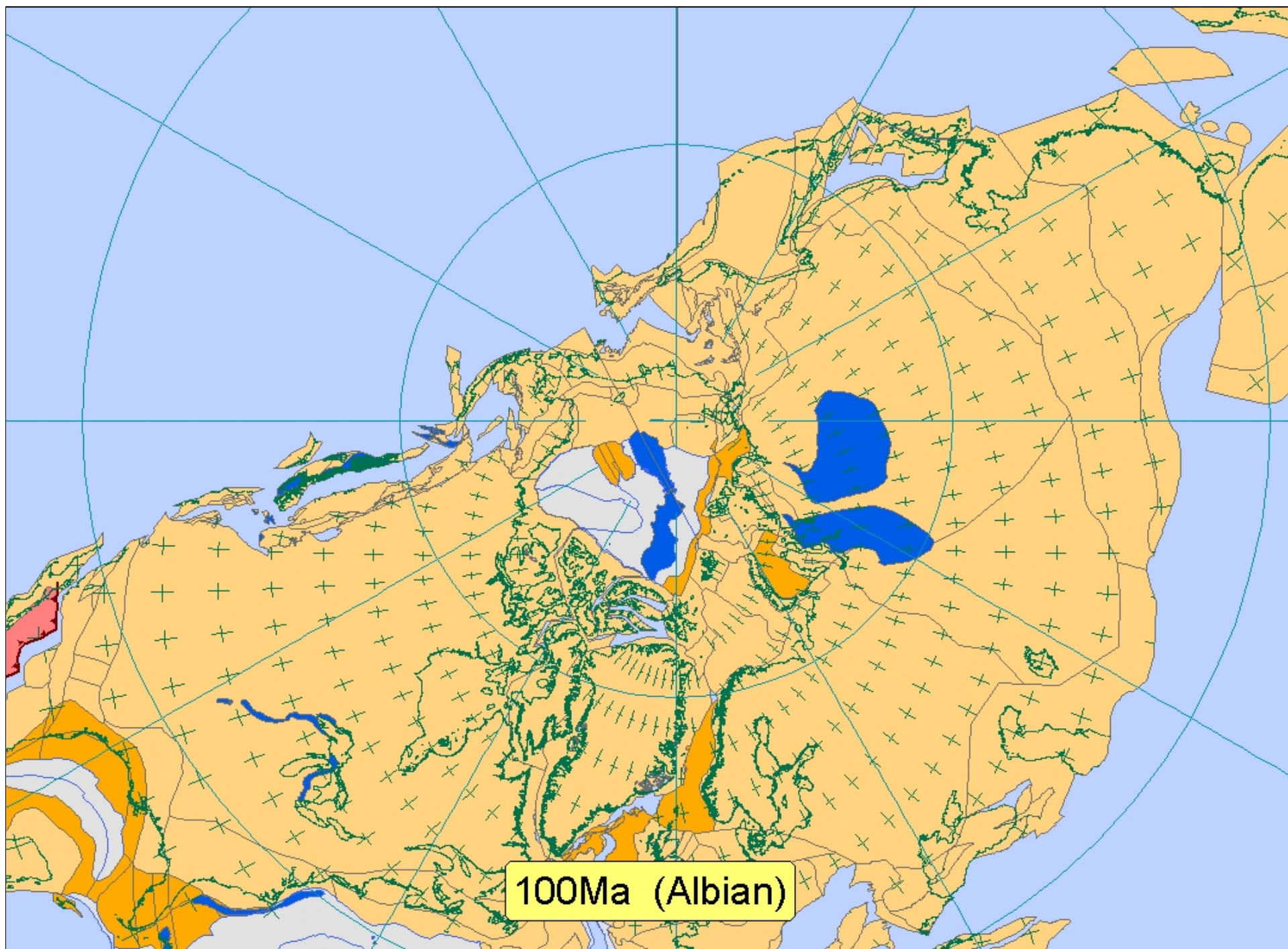


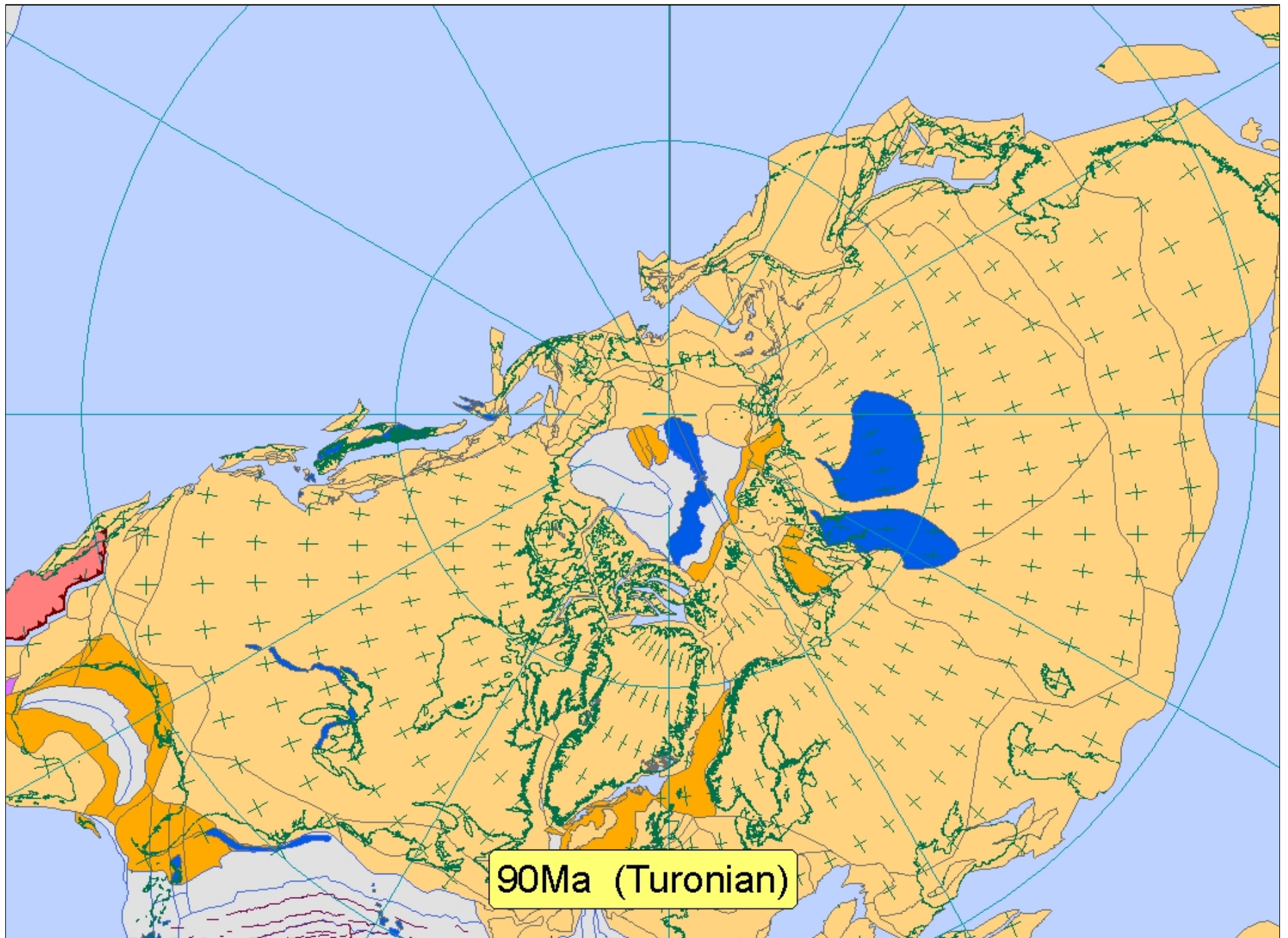


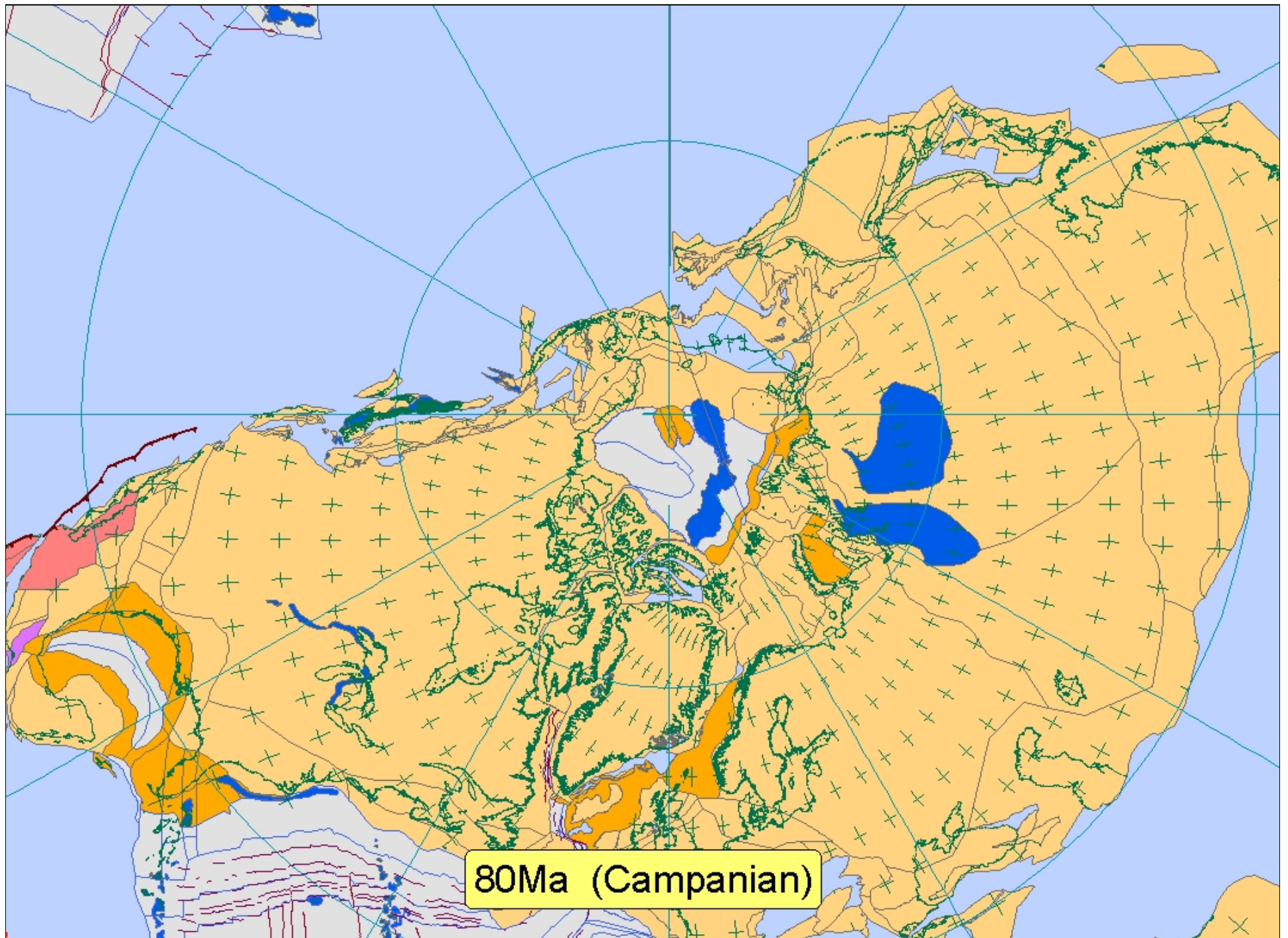




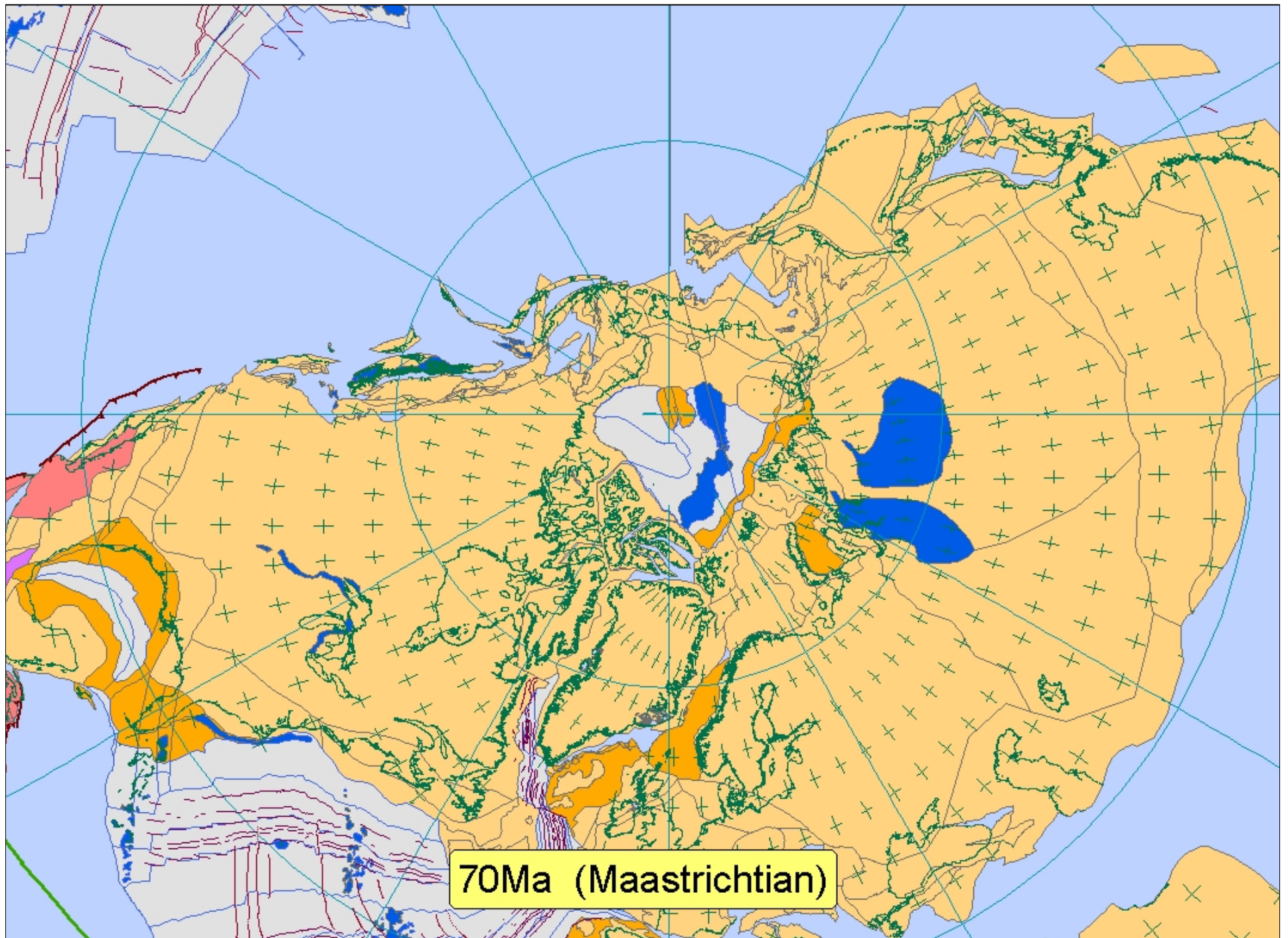


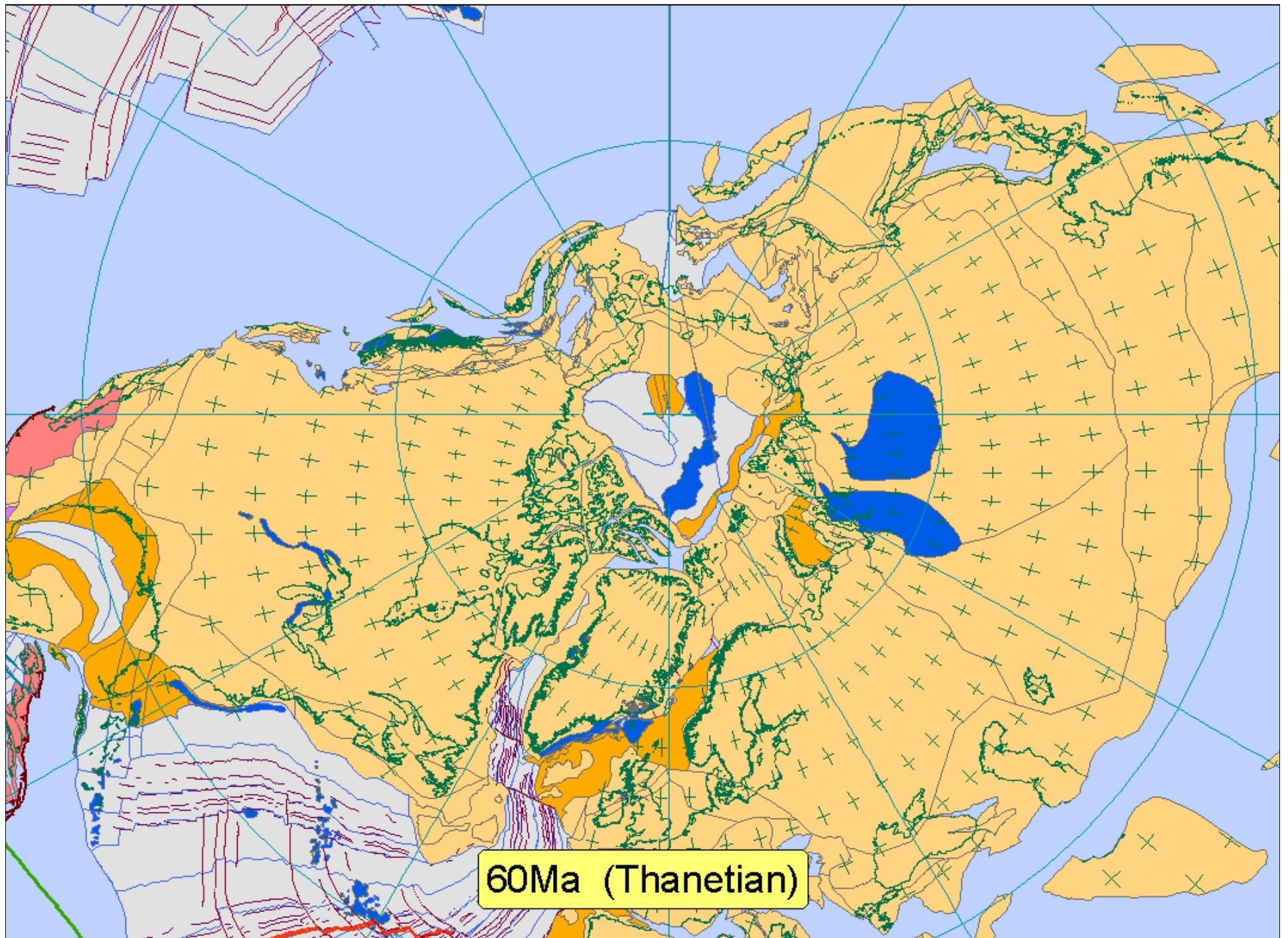


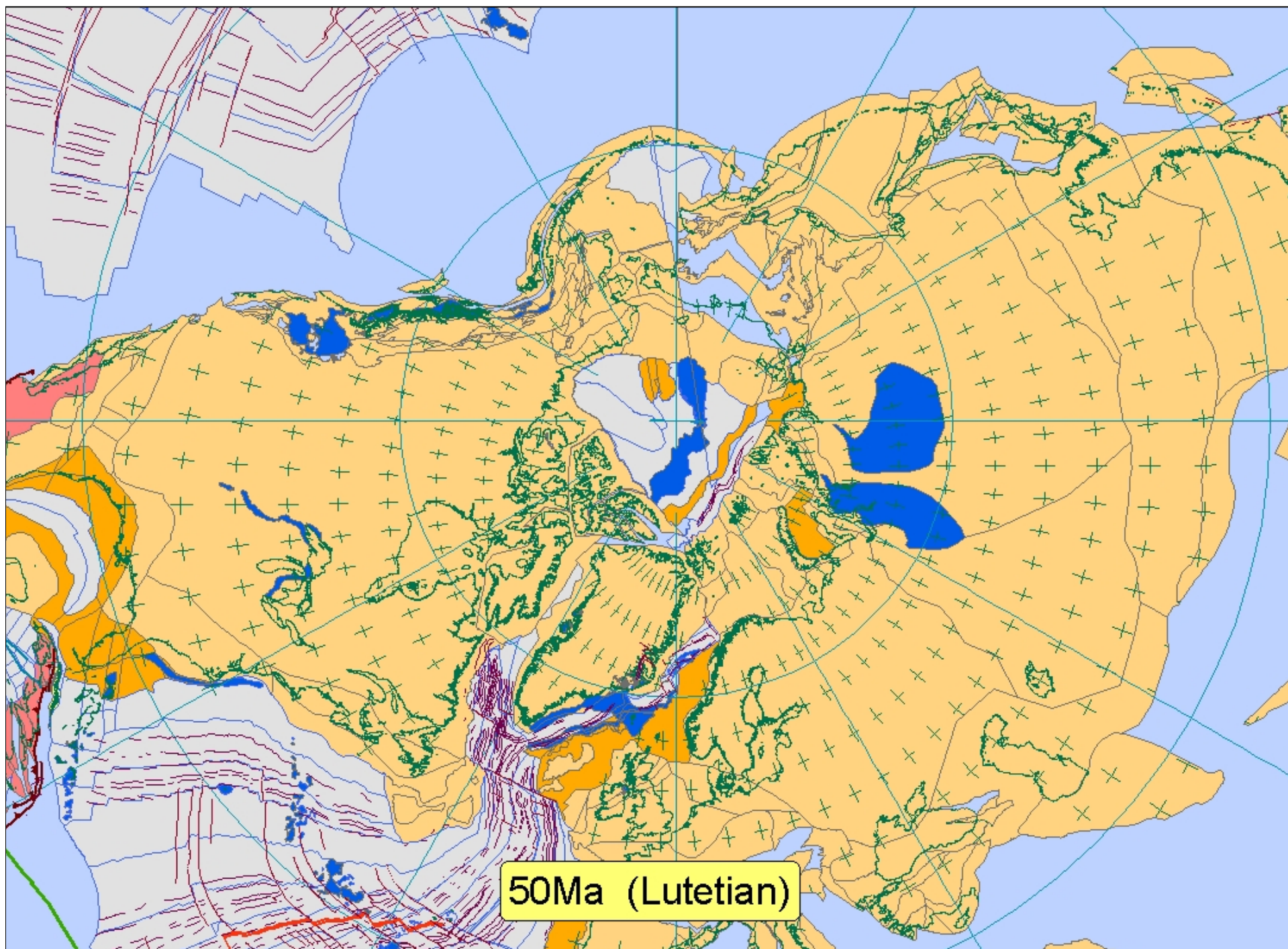


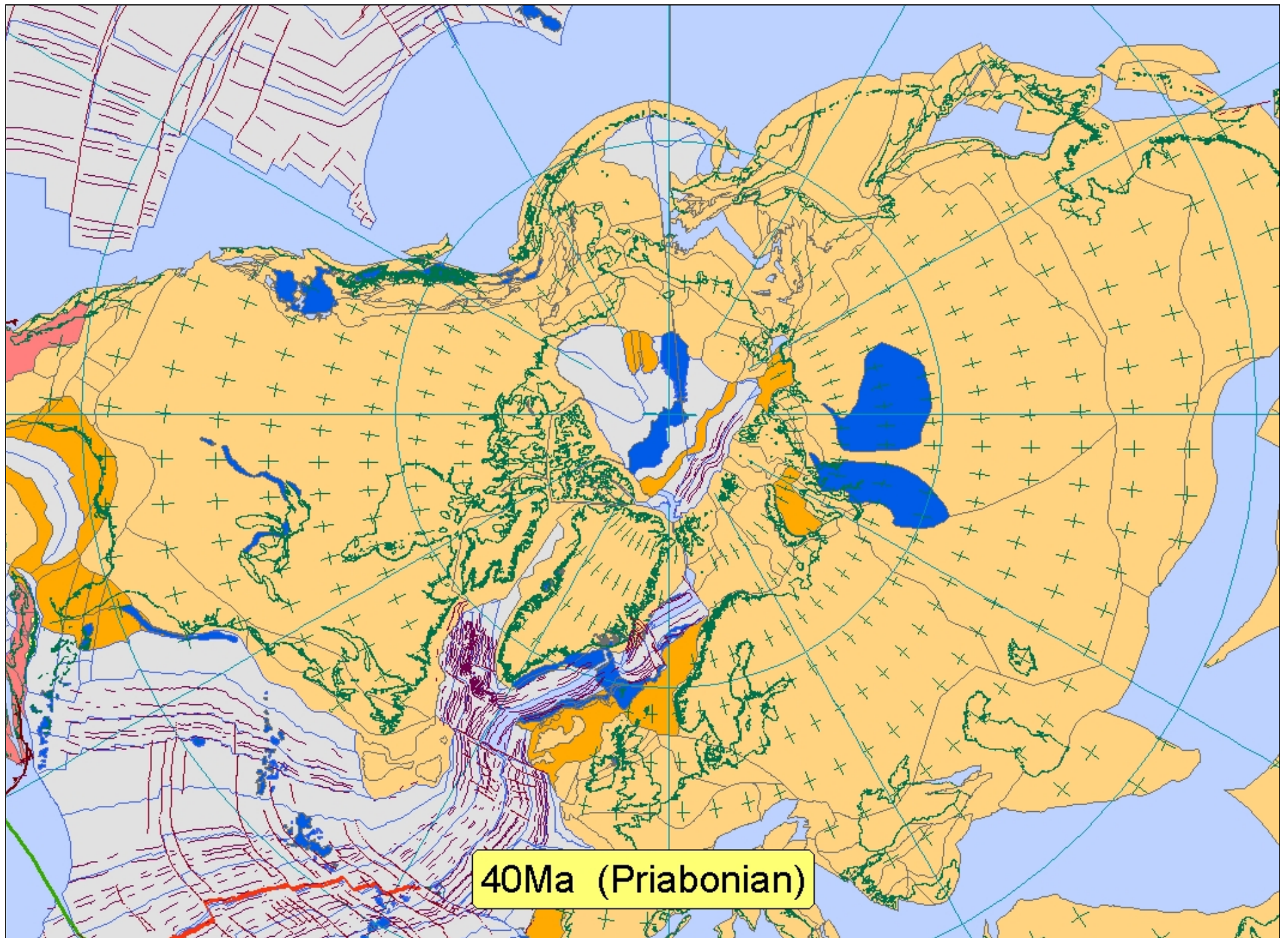


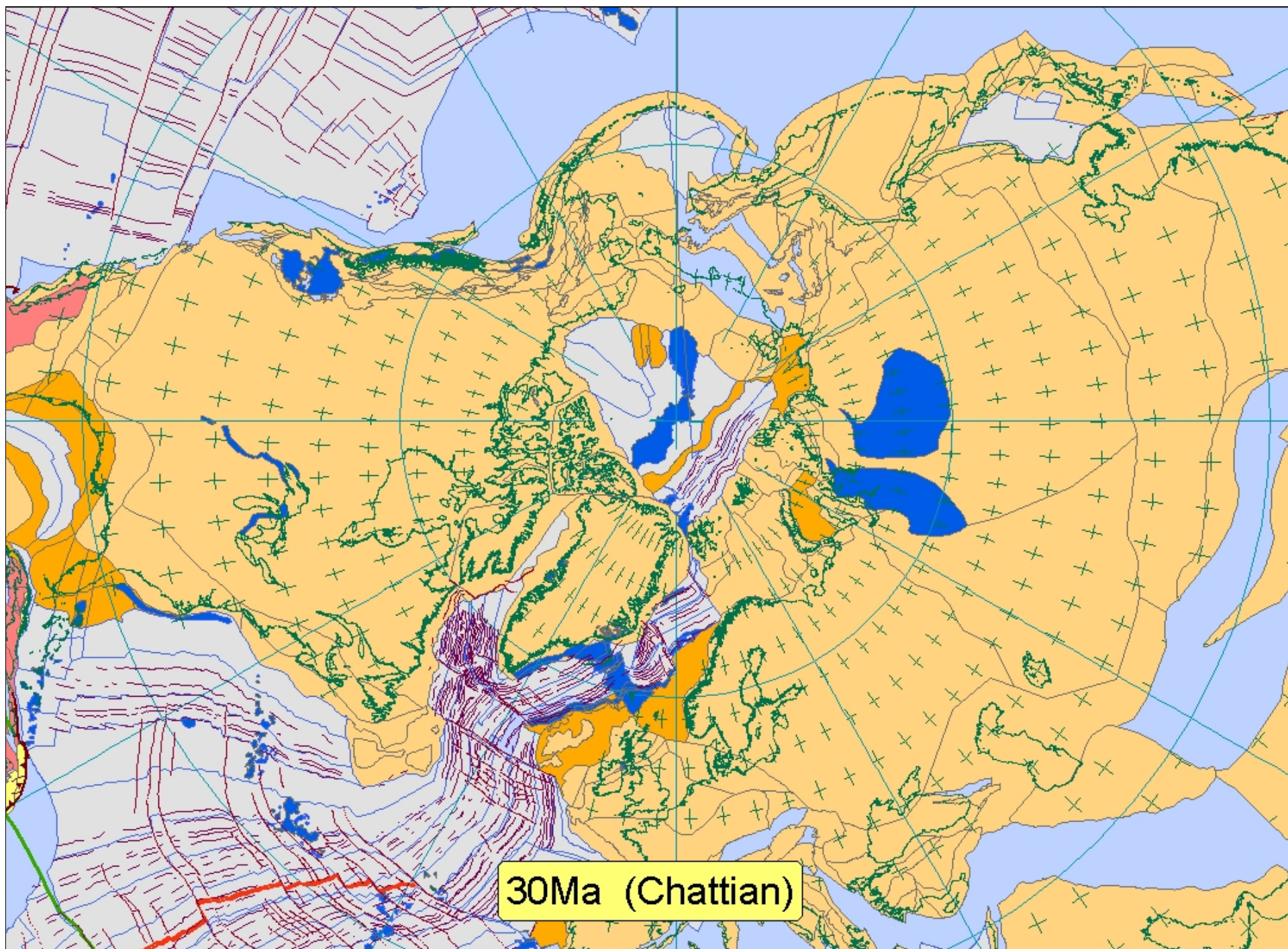
80Ma (Campanian)

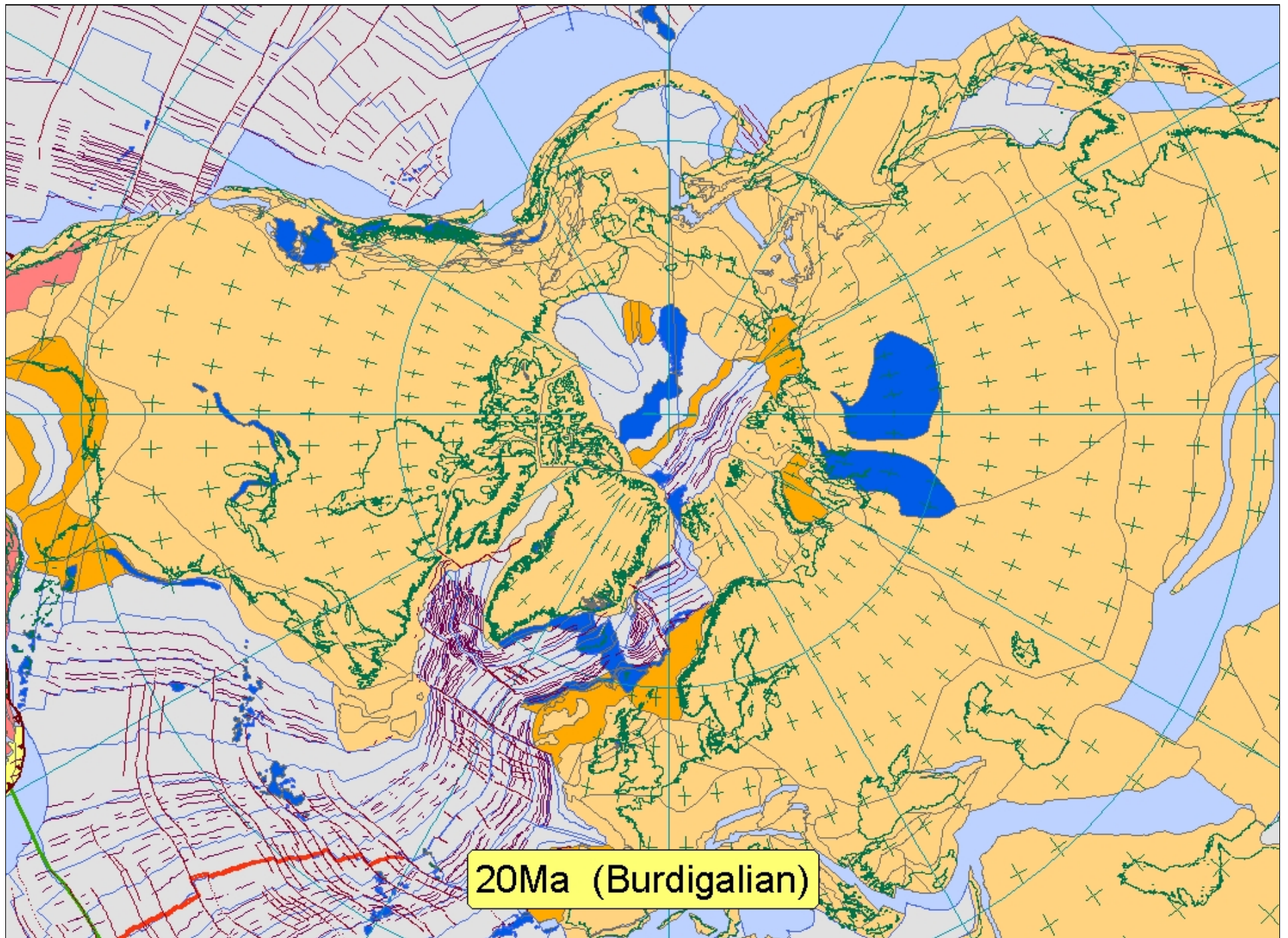


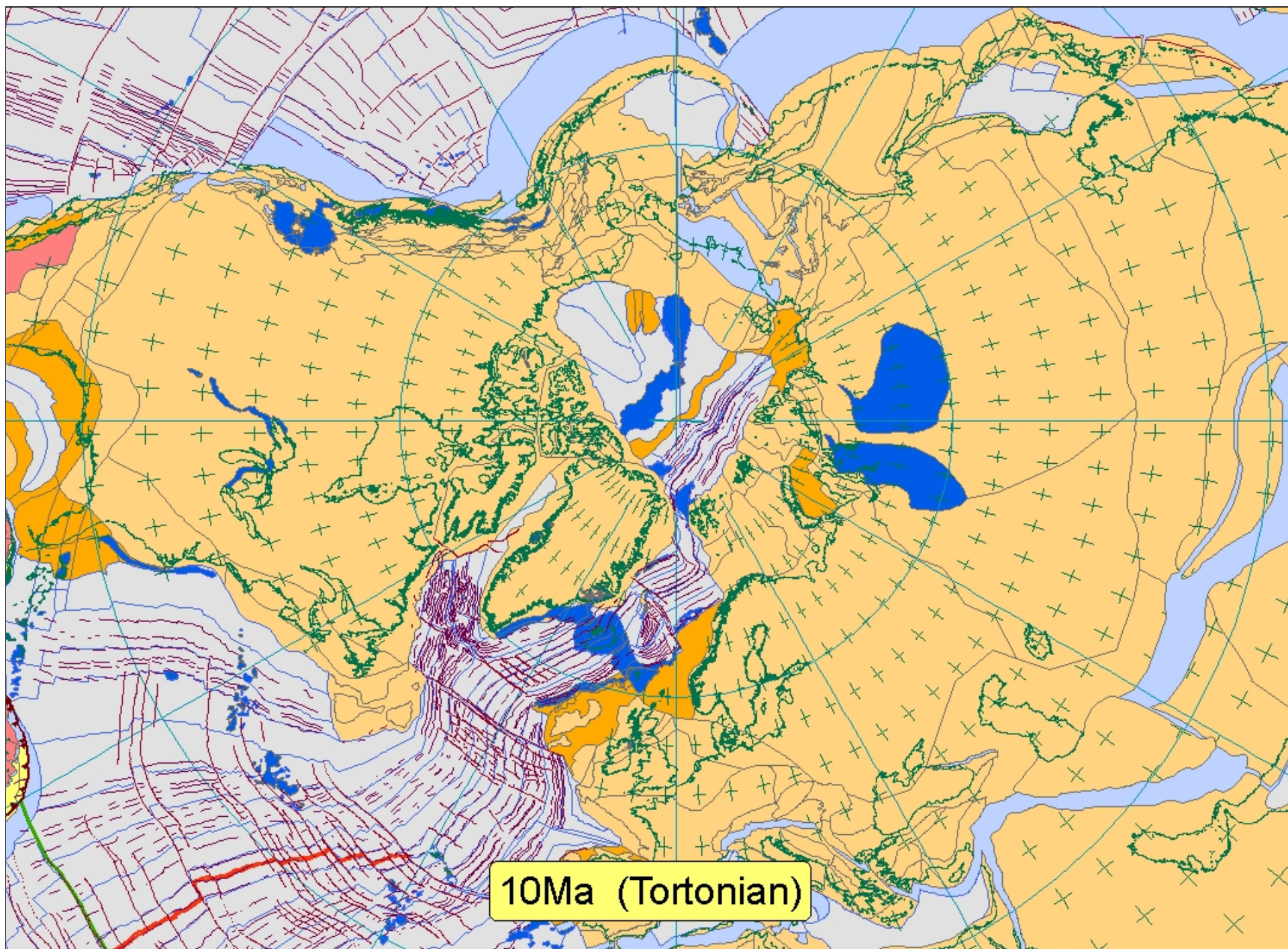


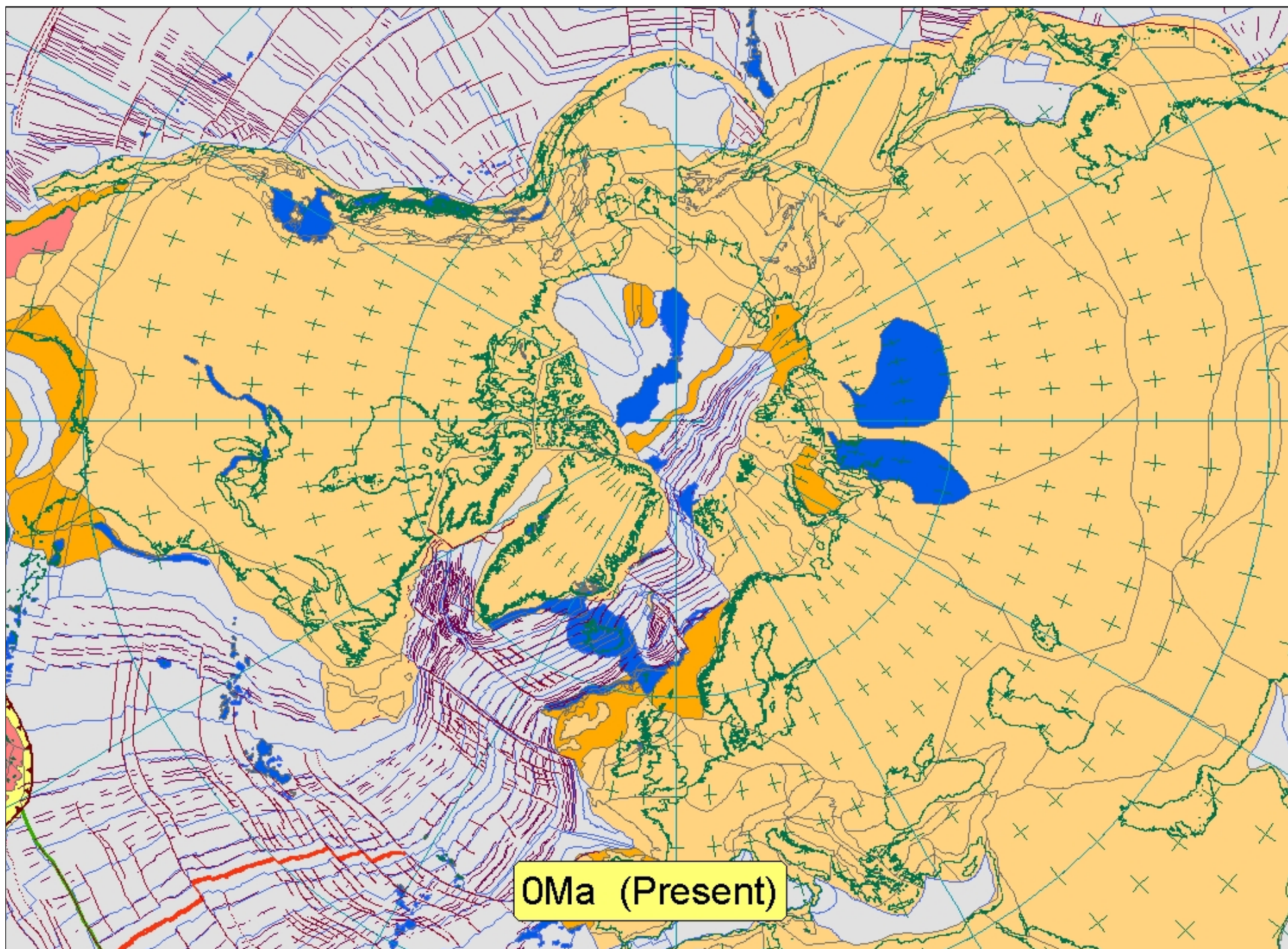




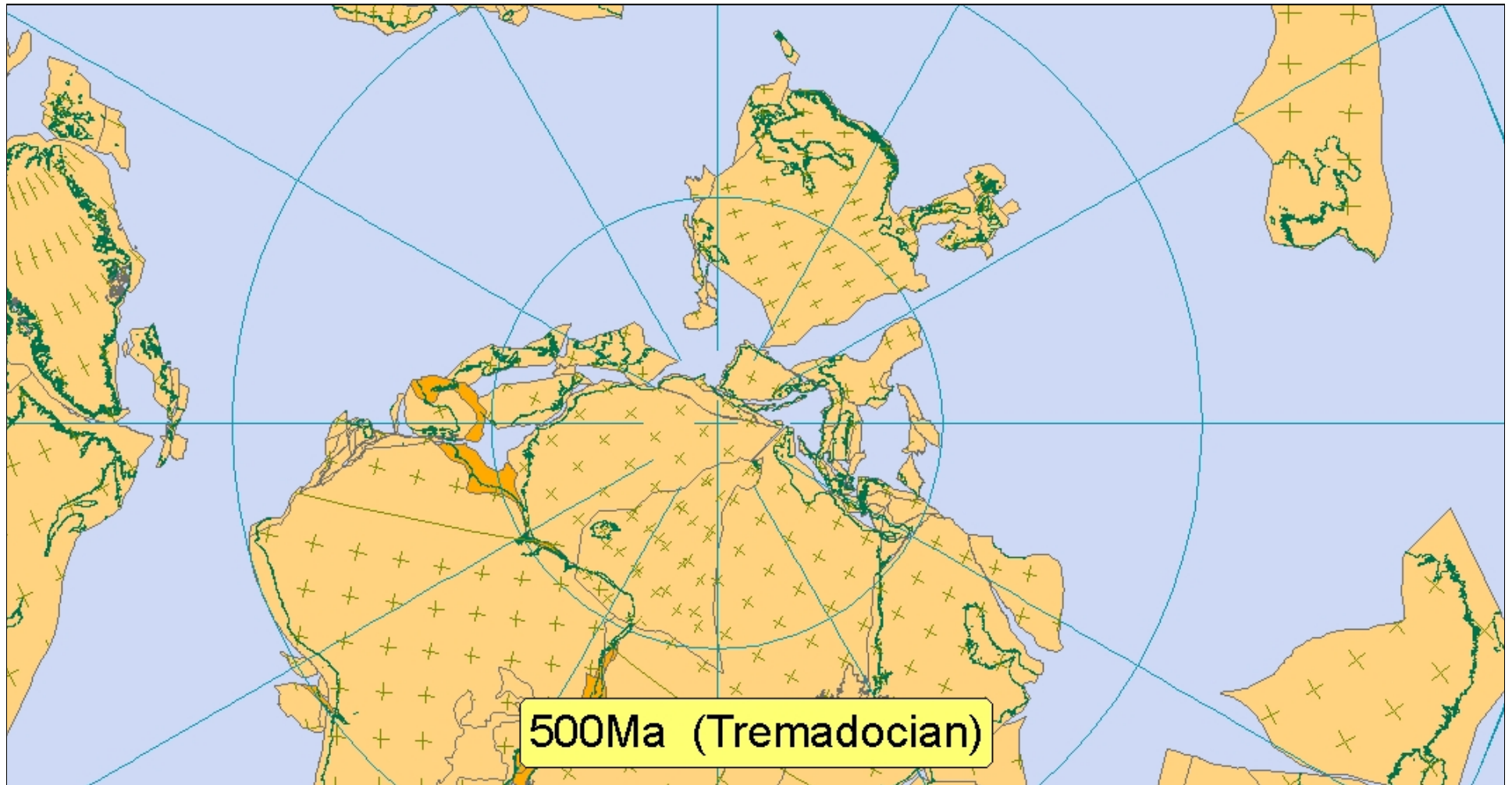


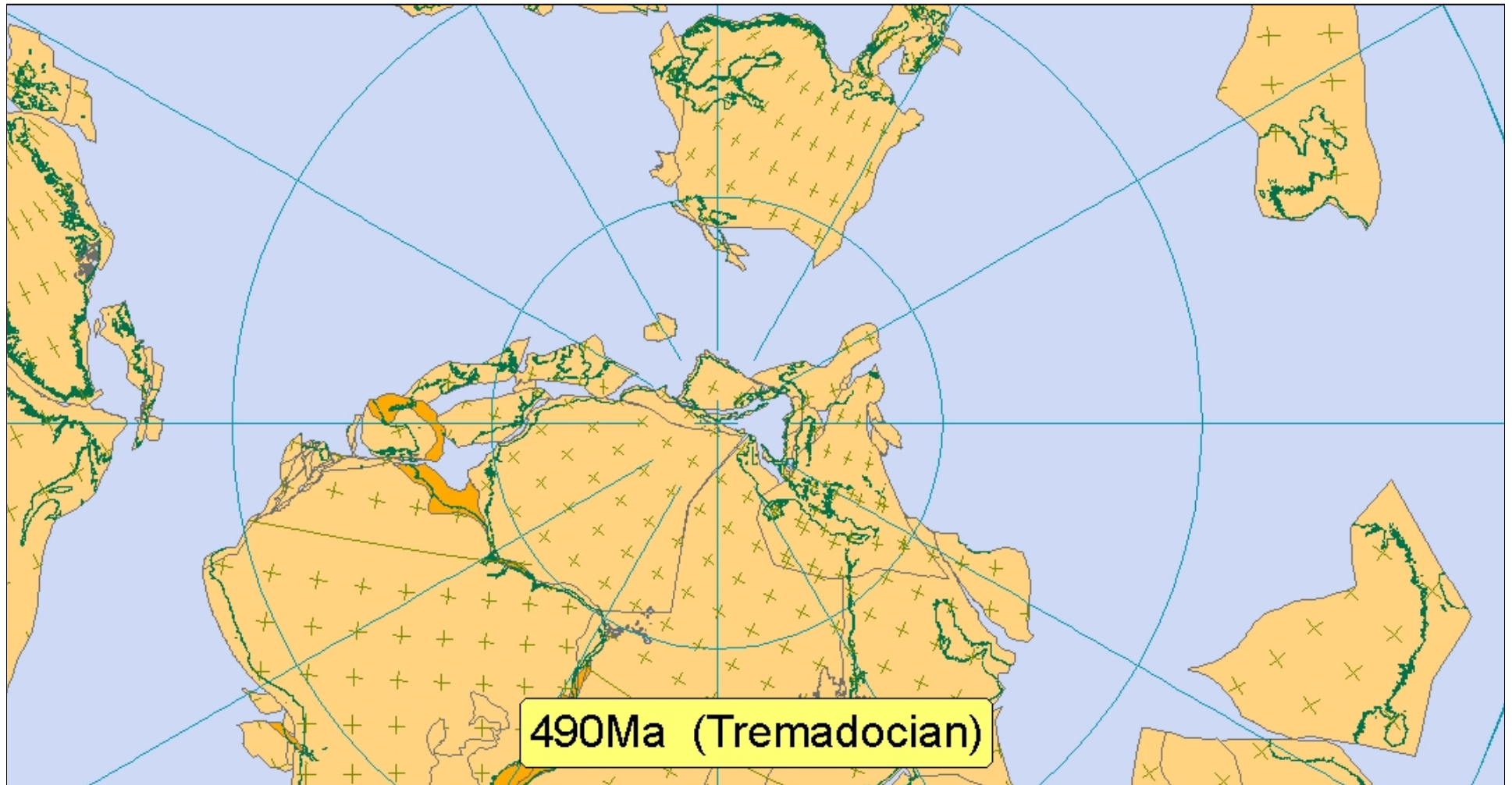


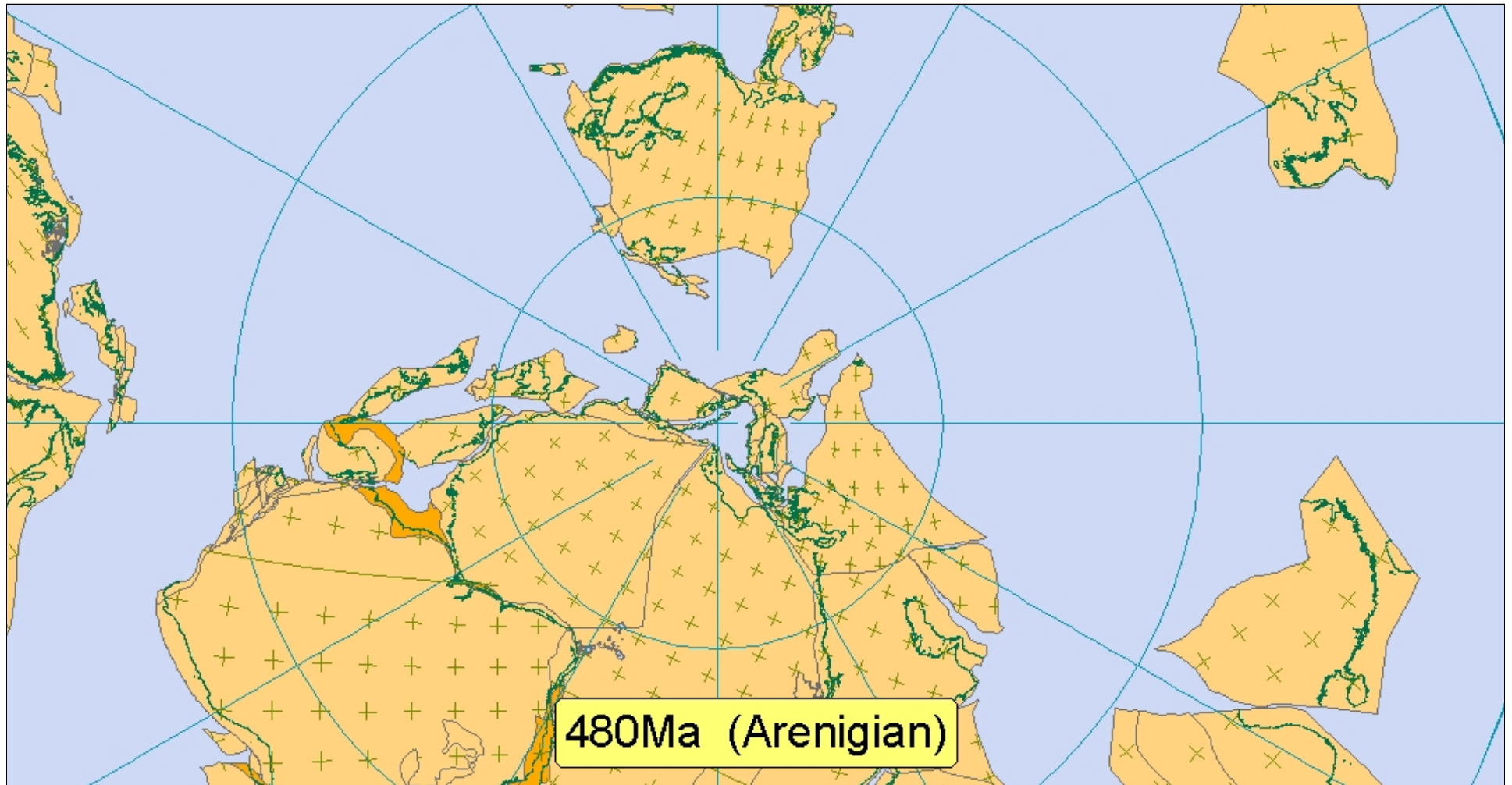


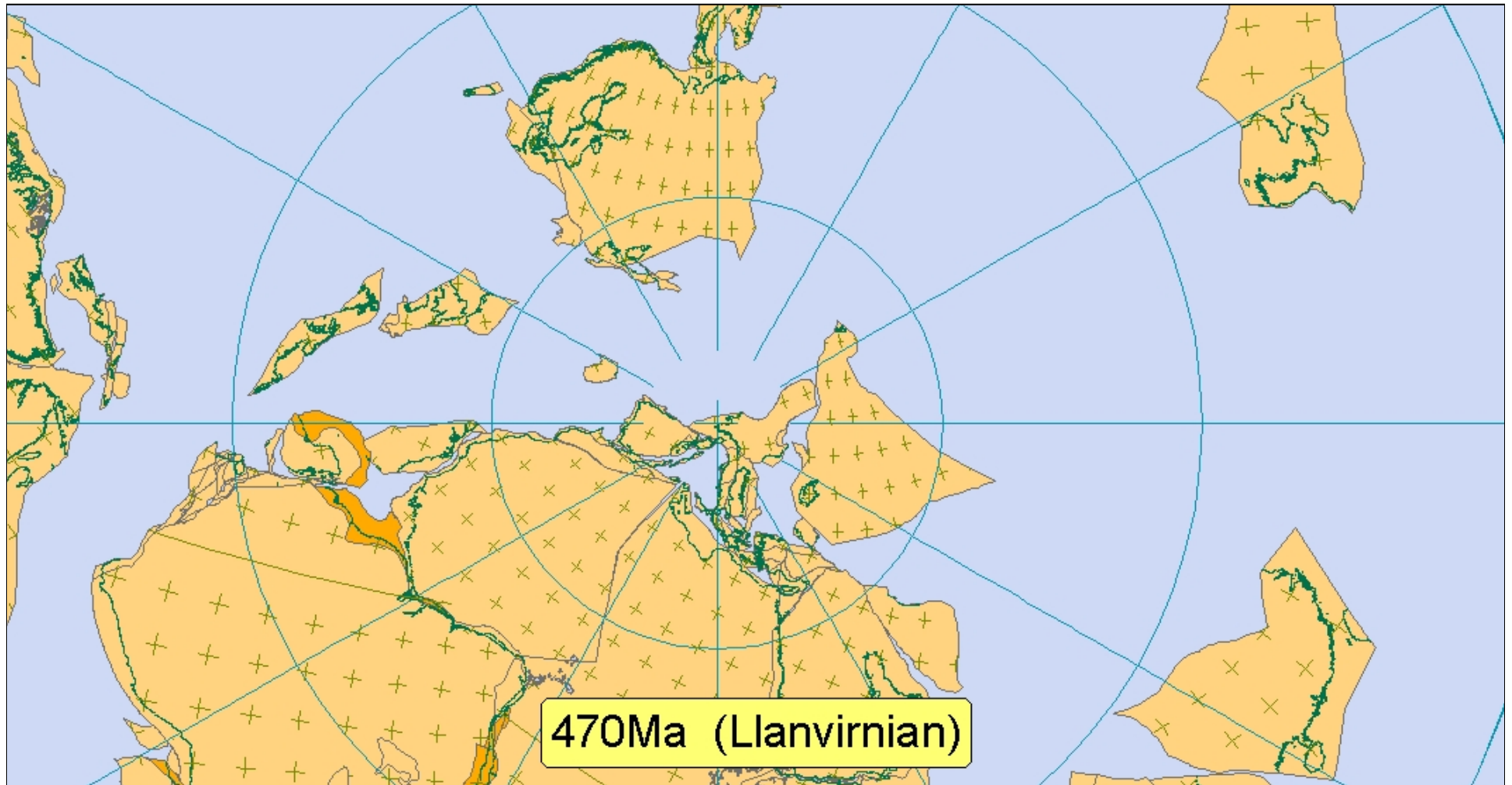


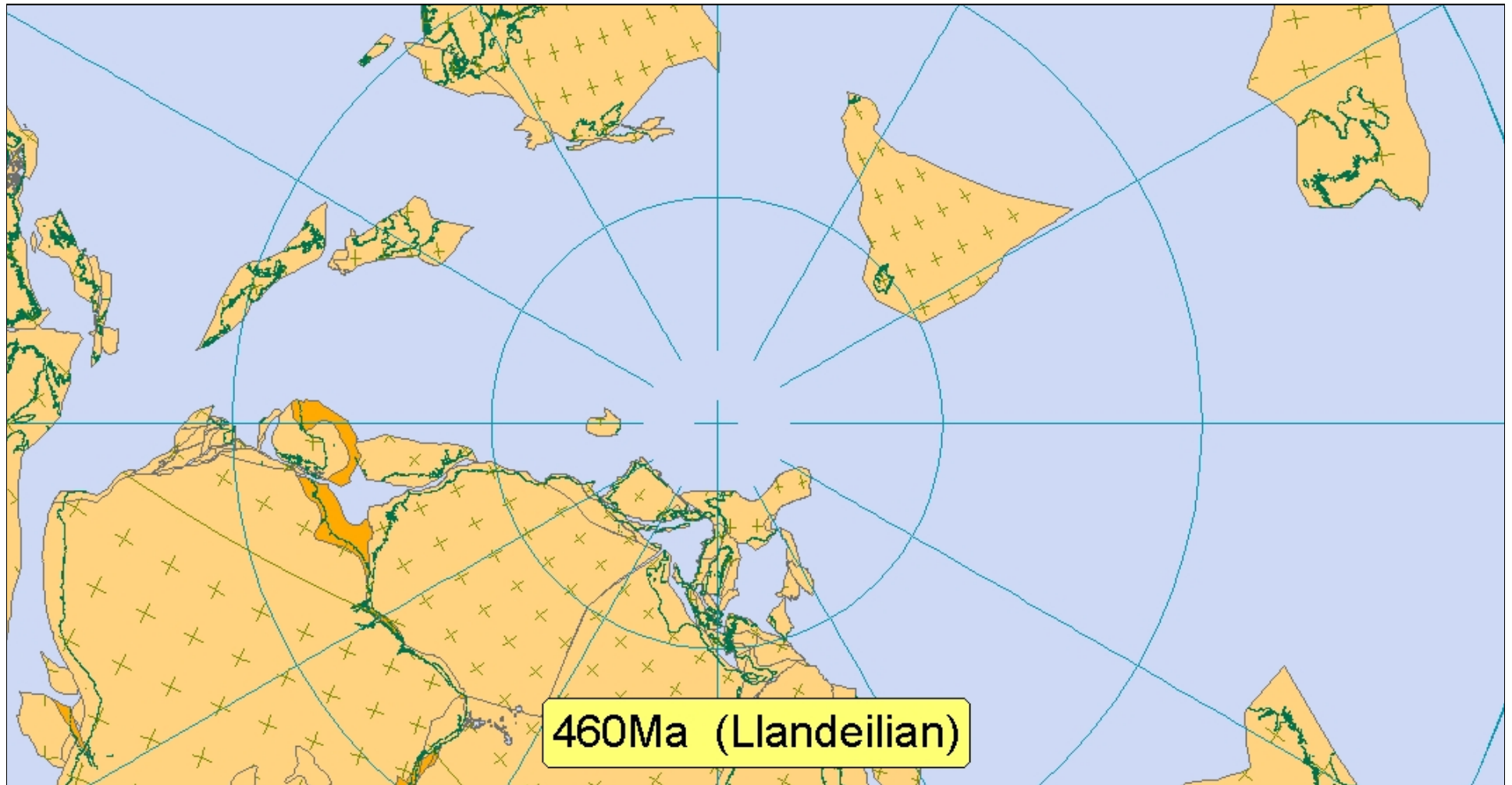
South Polar Reconstructions

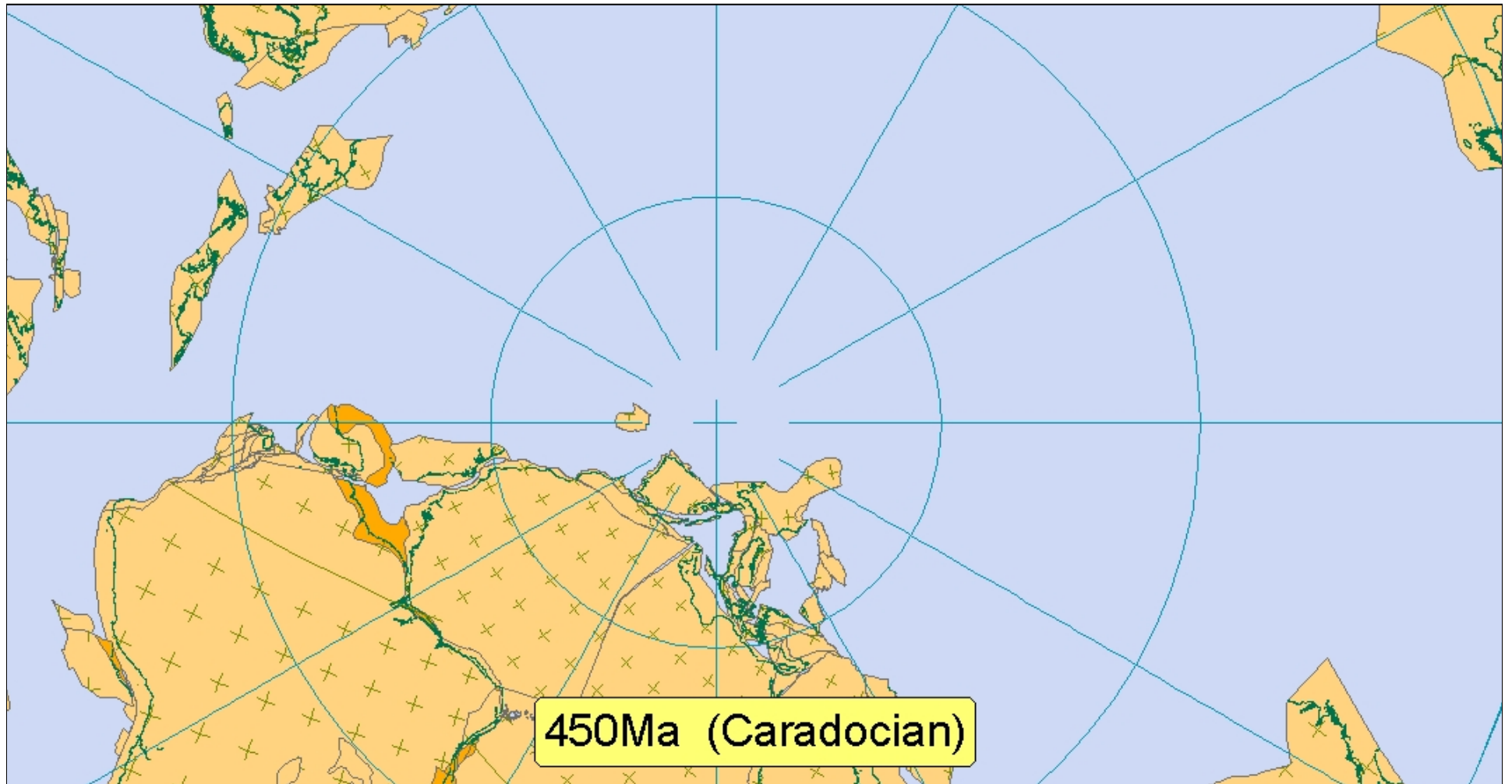


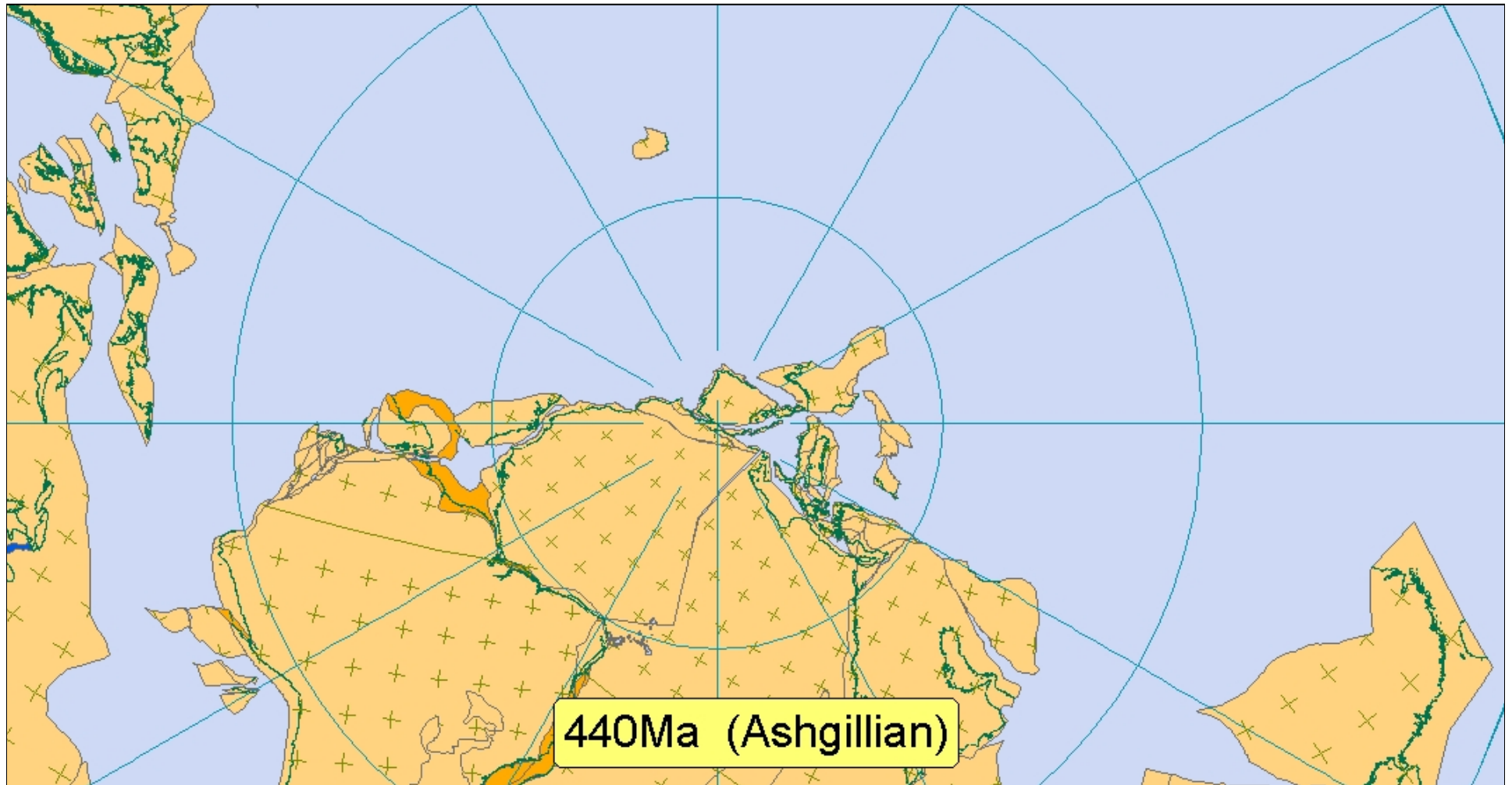






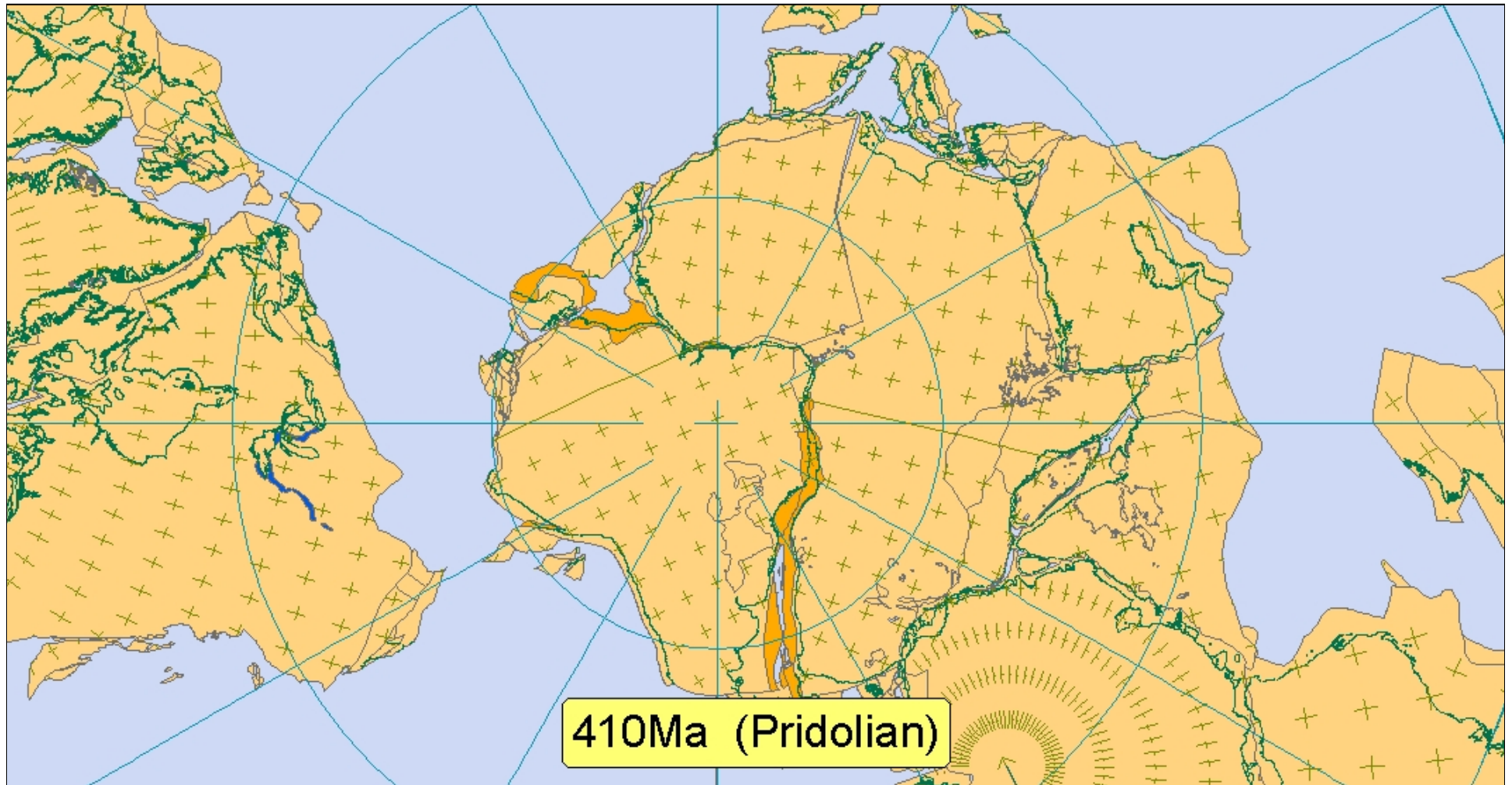


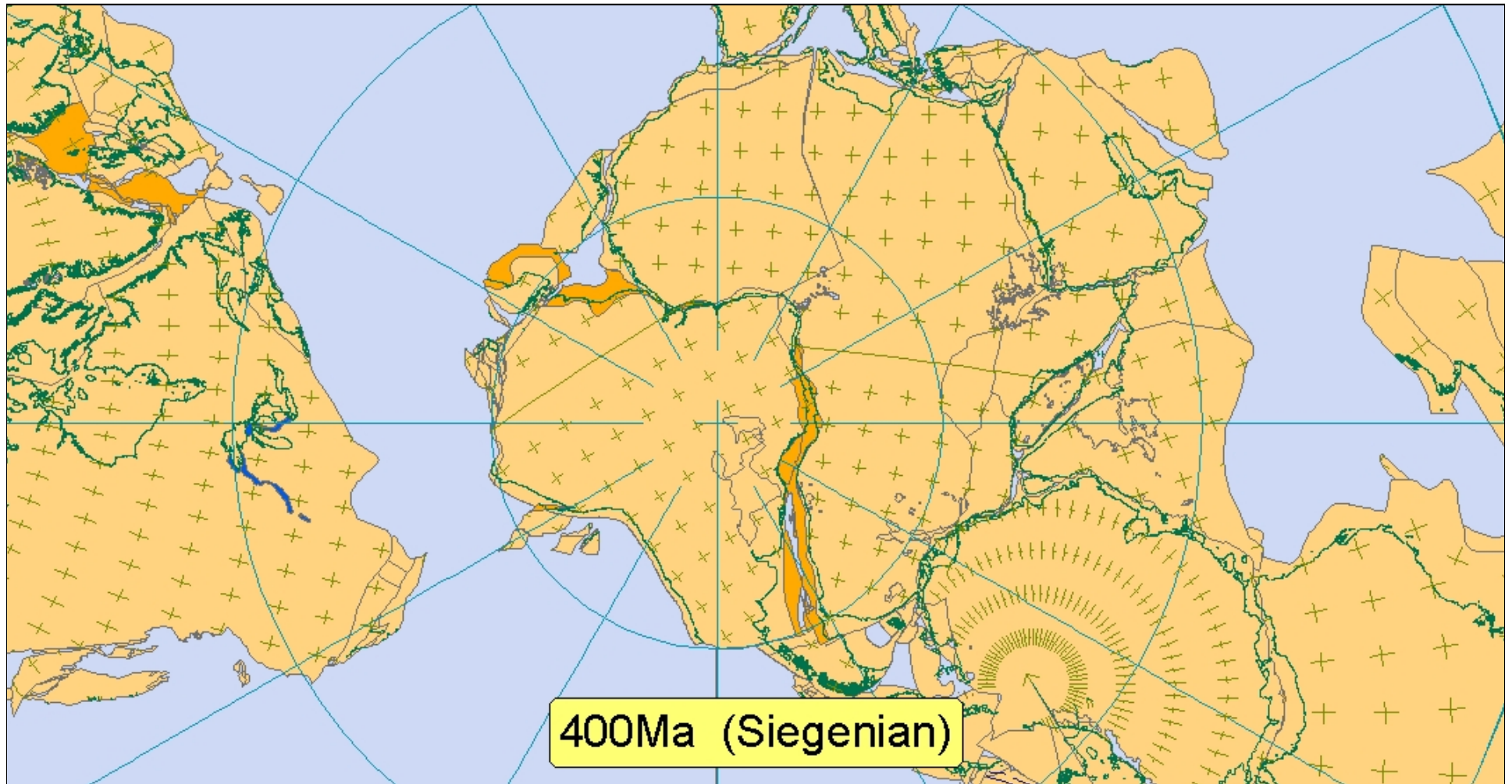


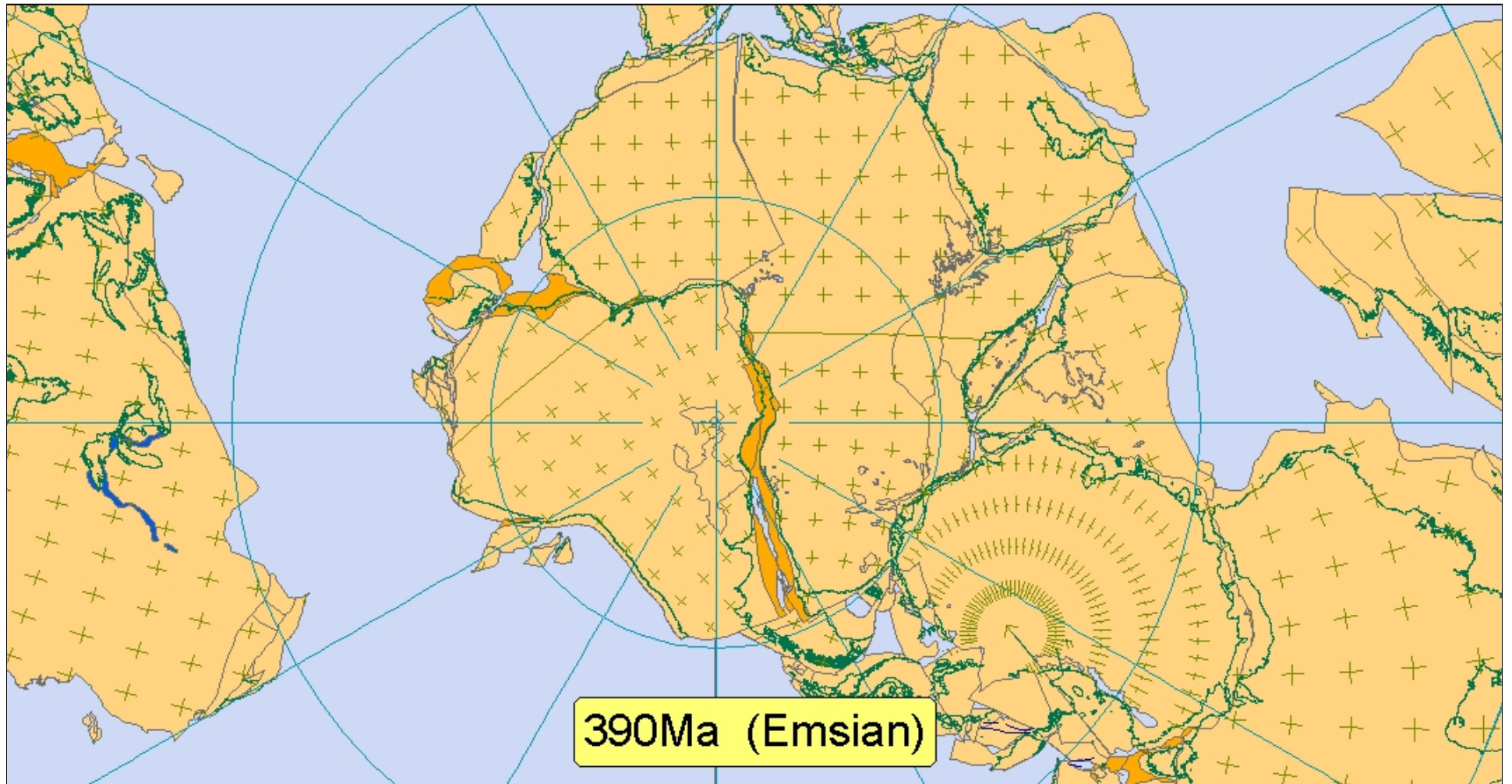


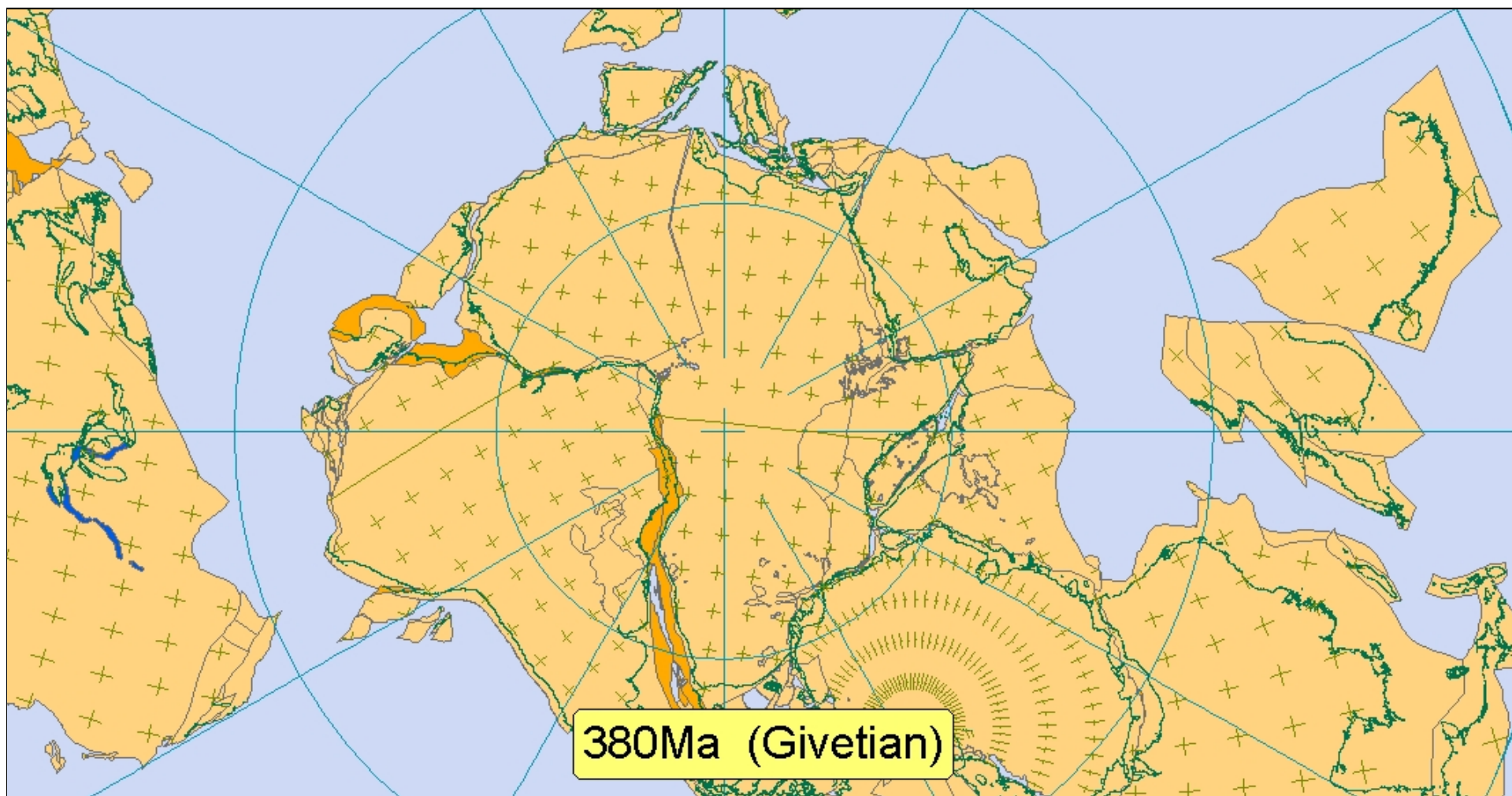


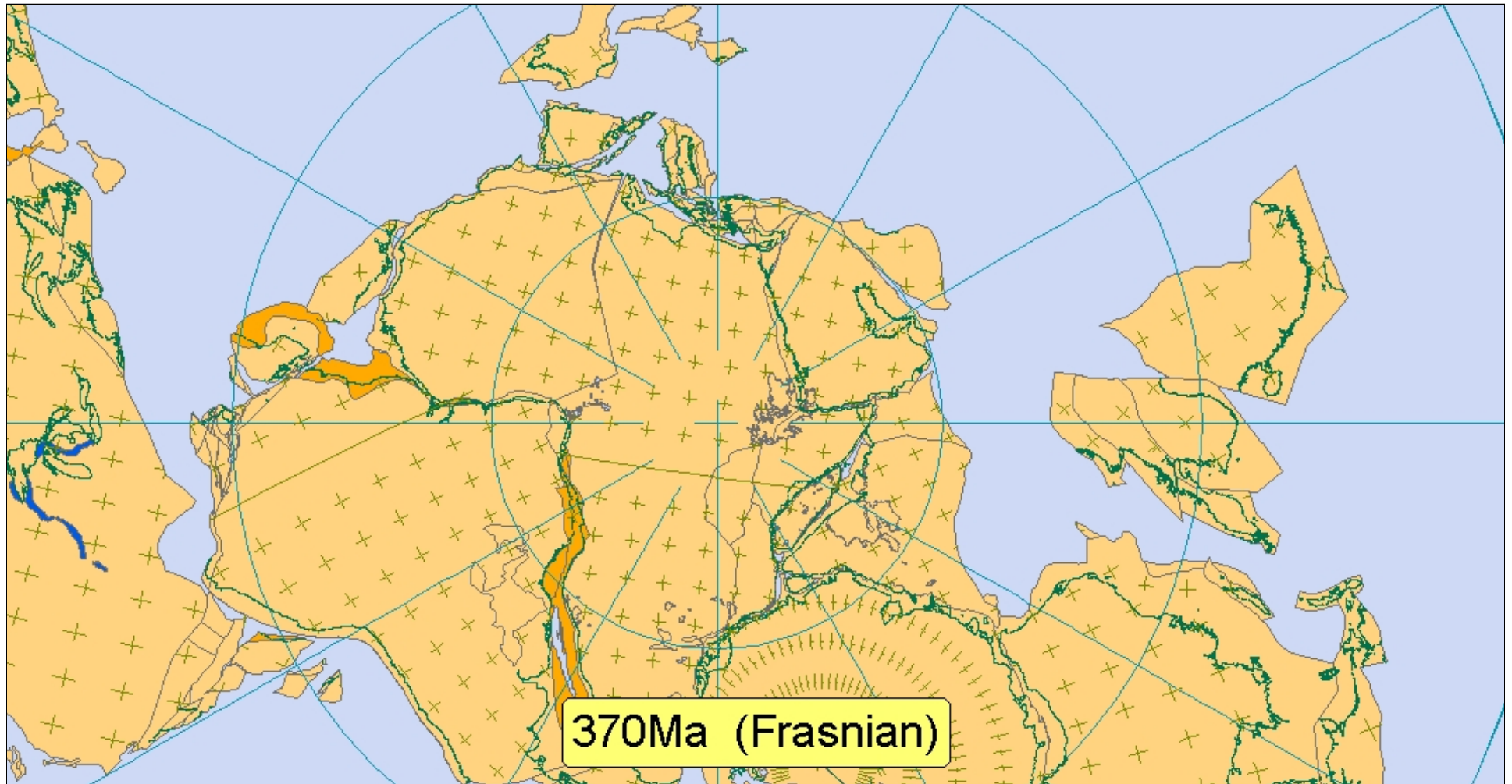


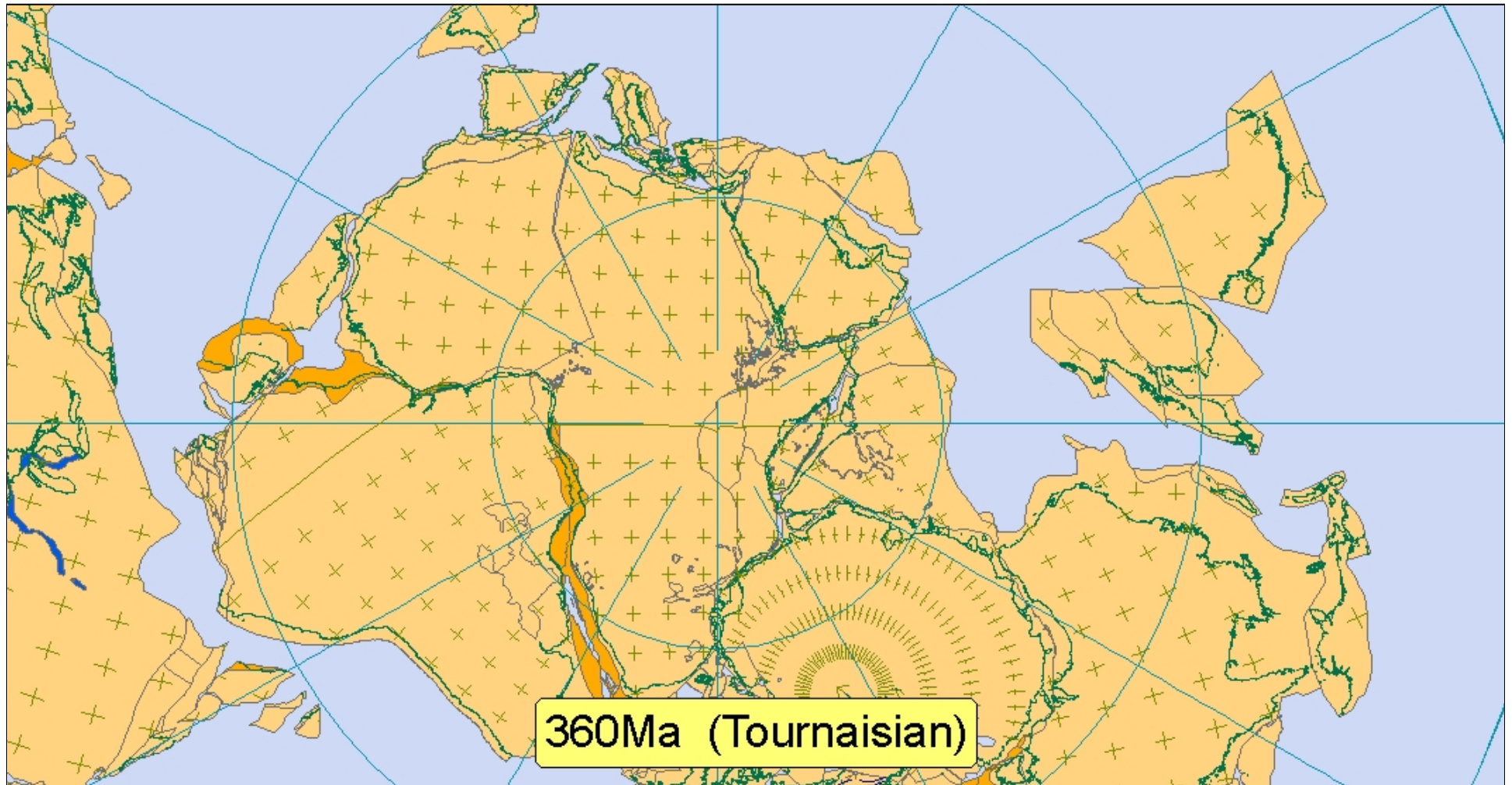


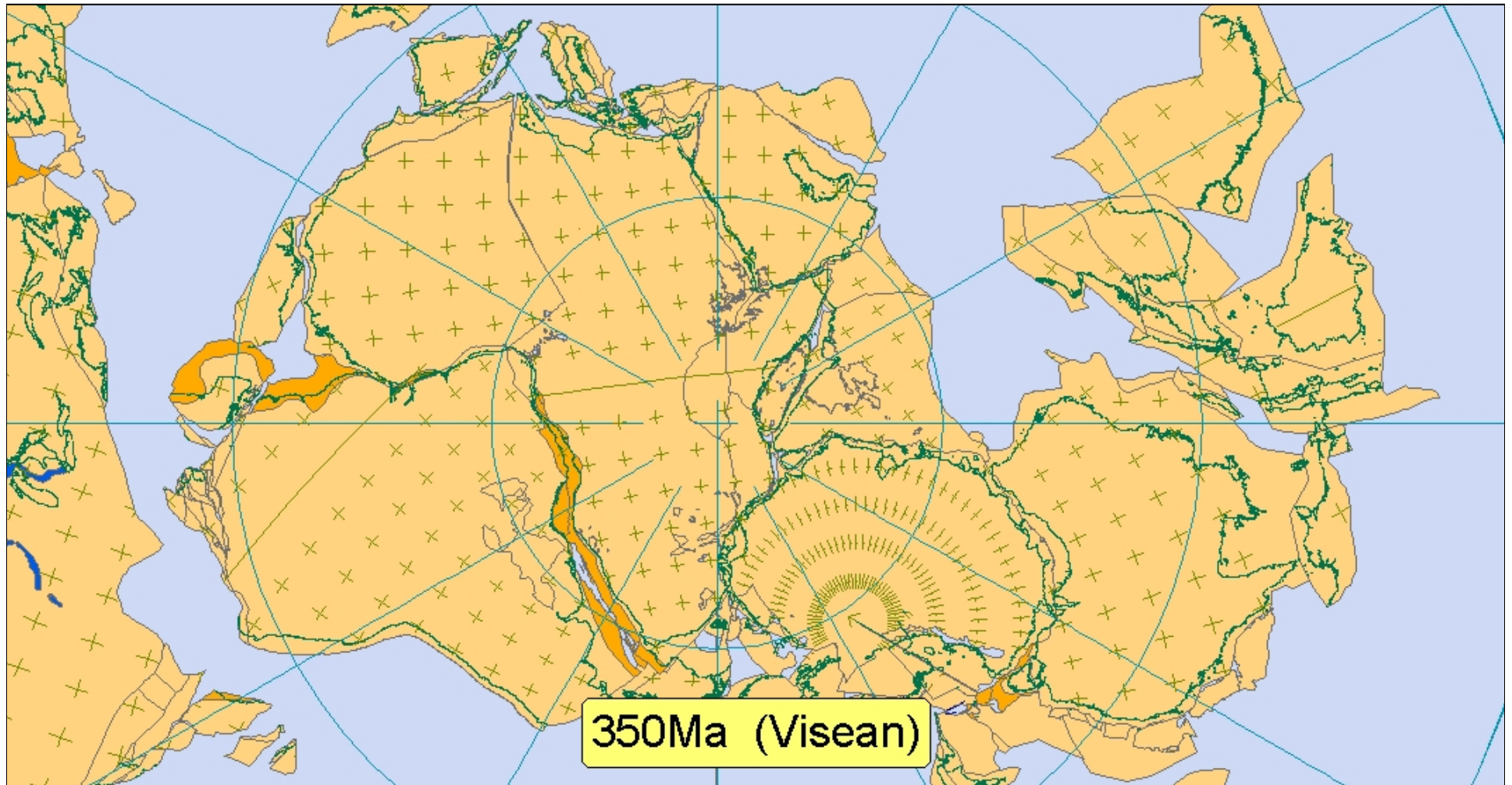


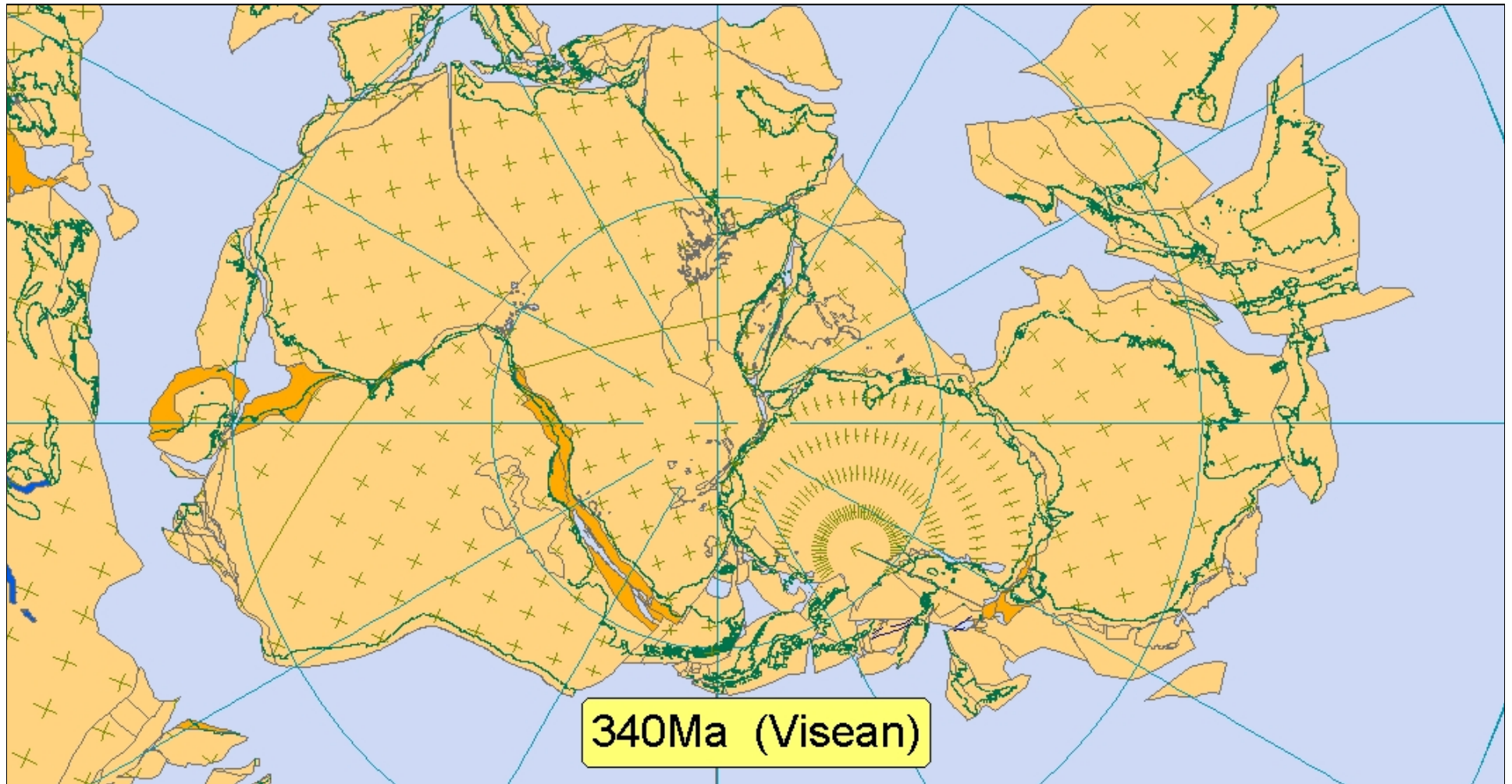




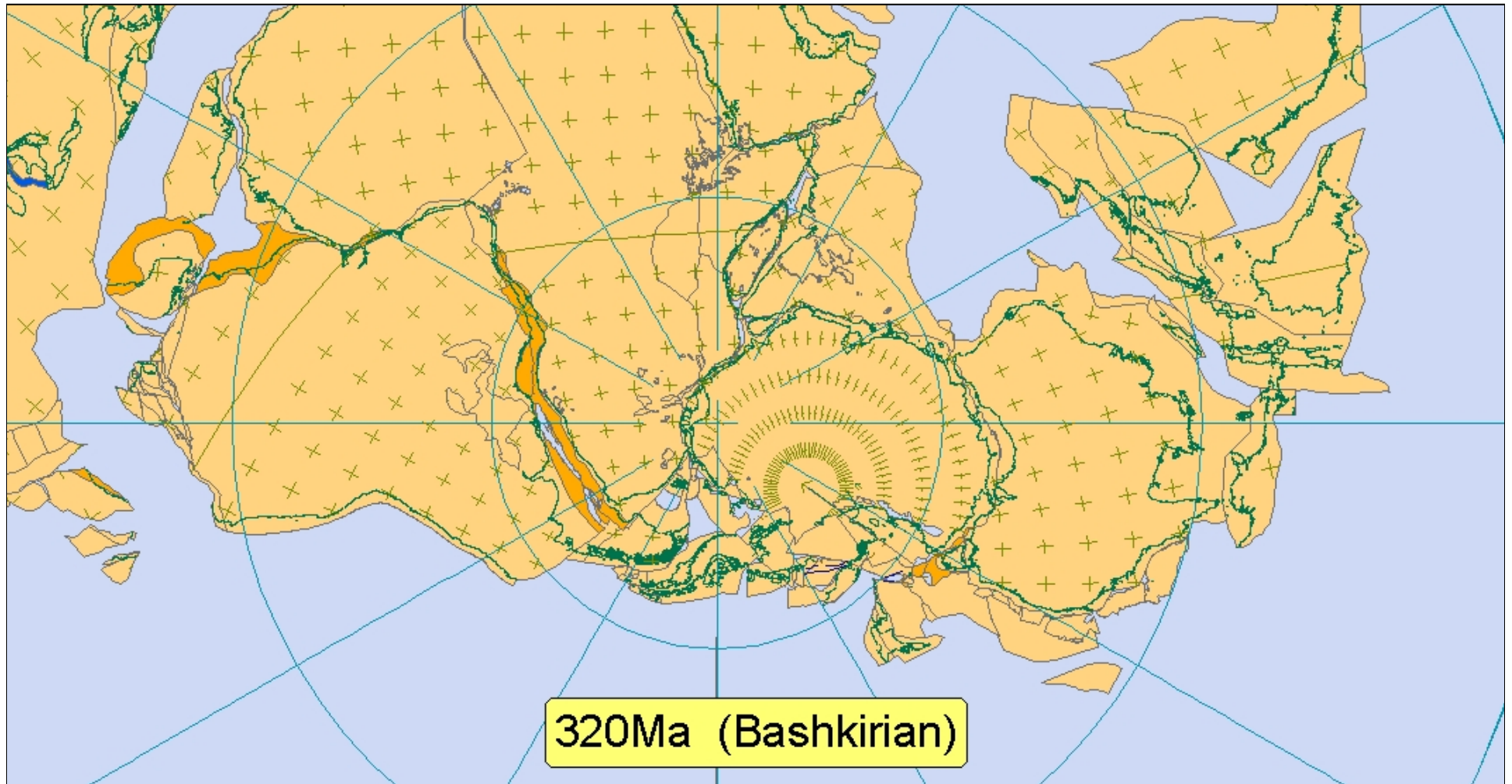


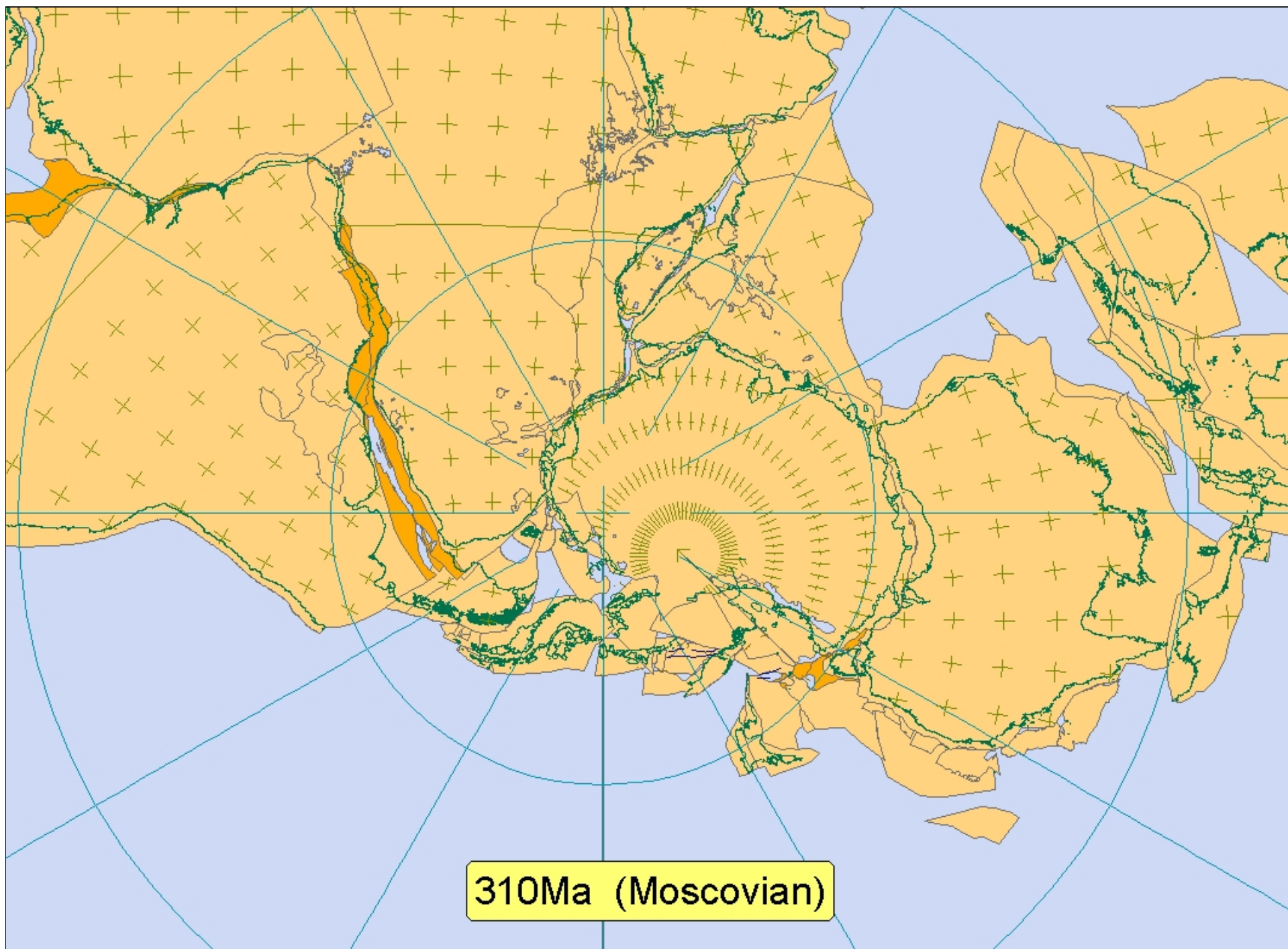


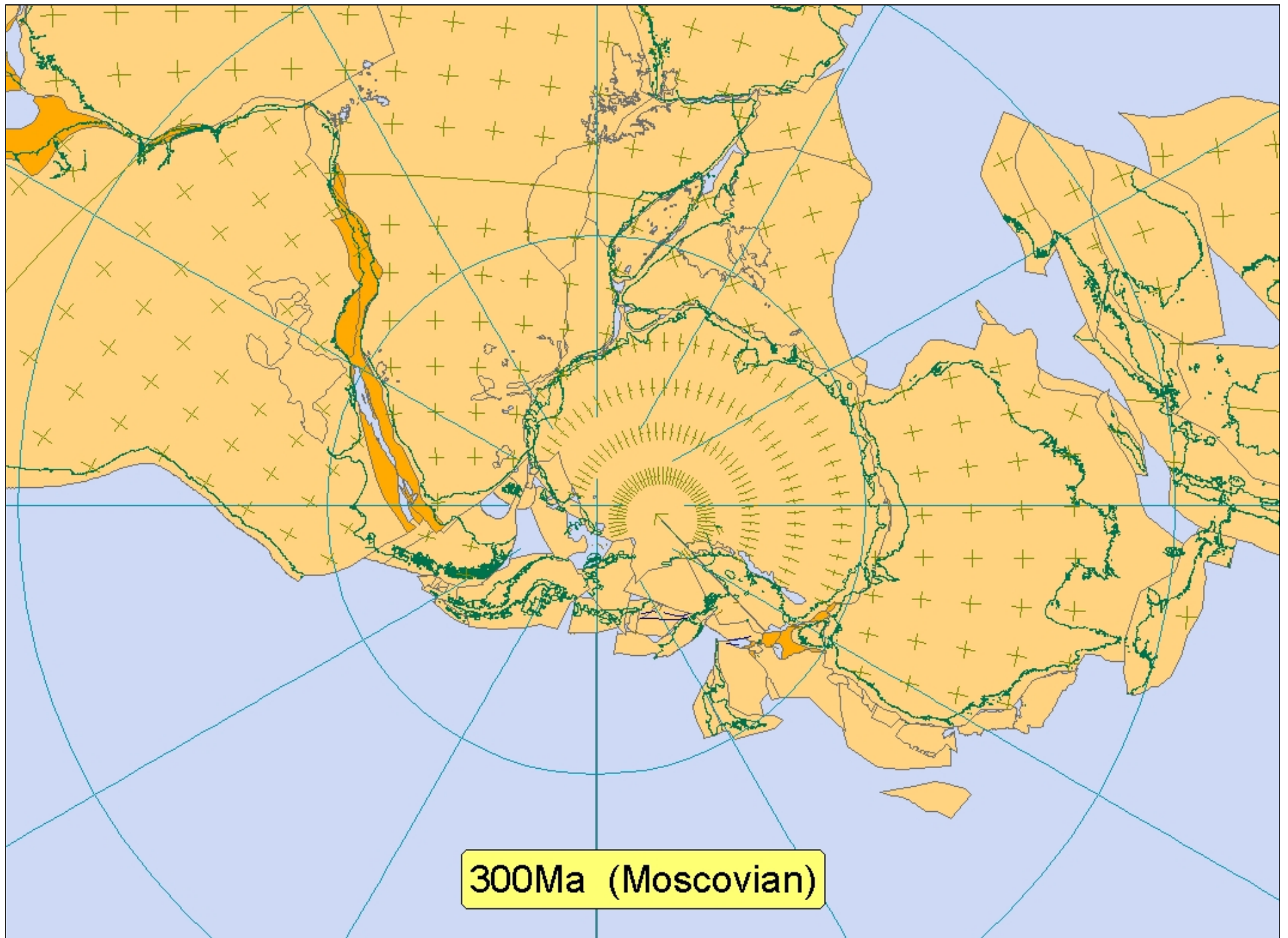


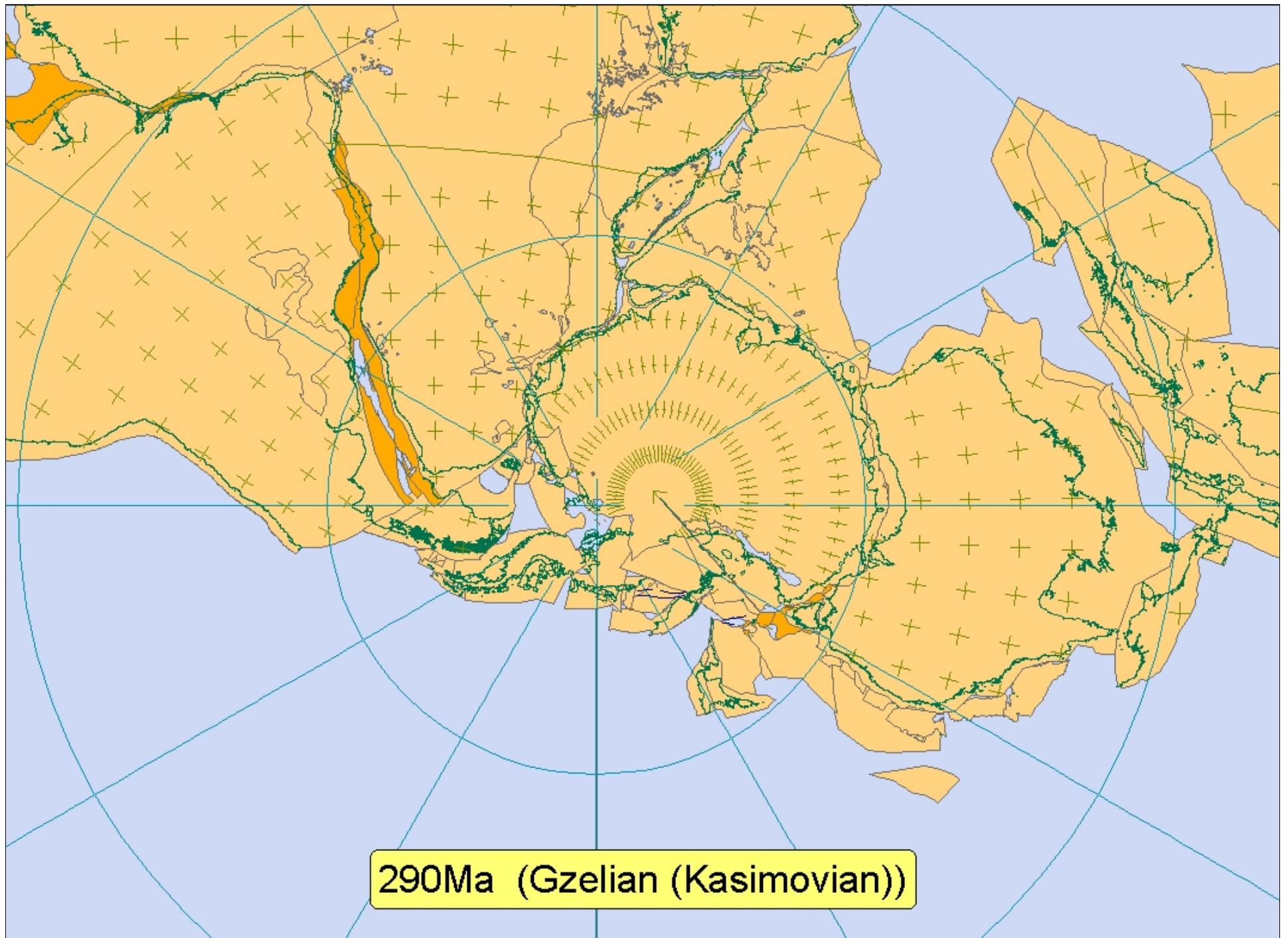






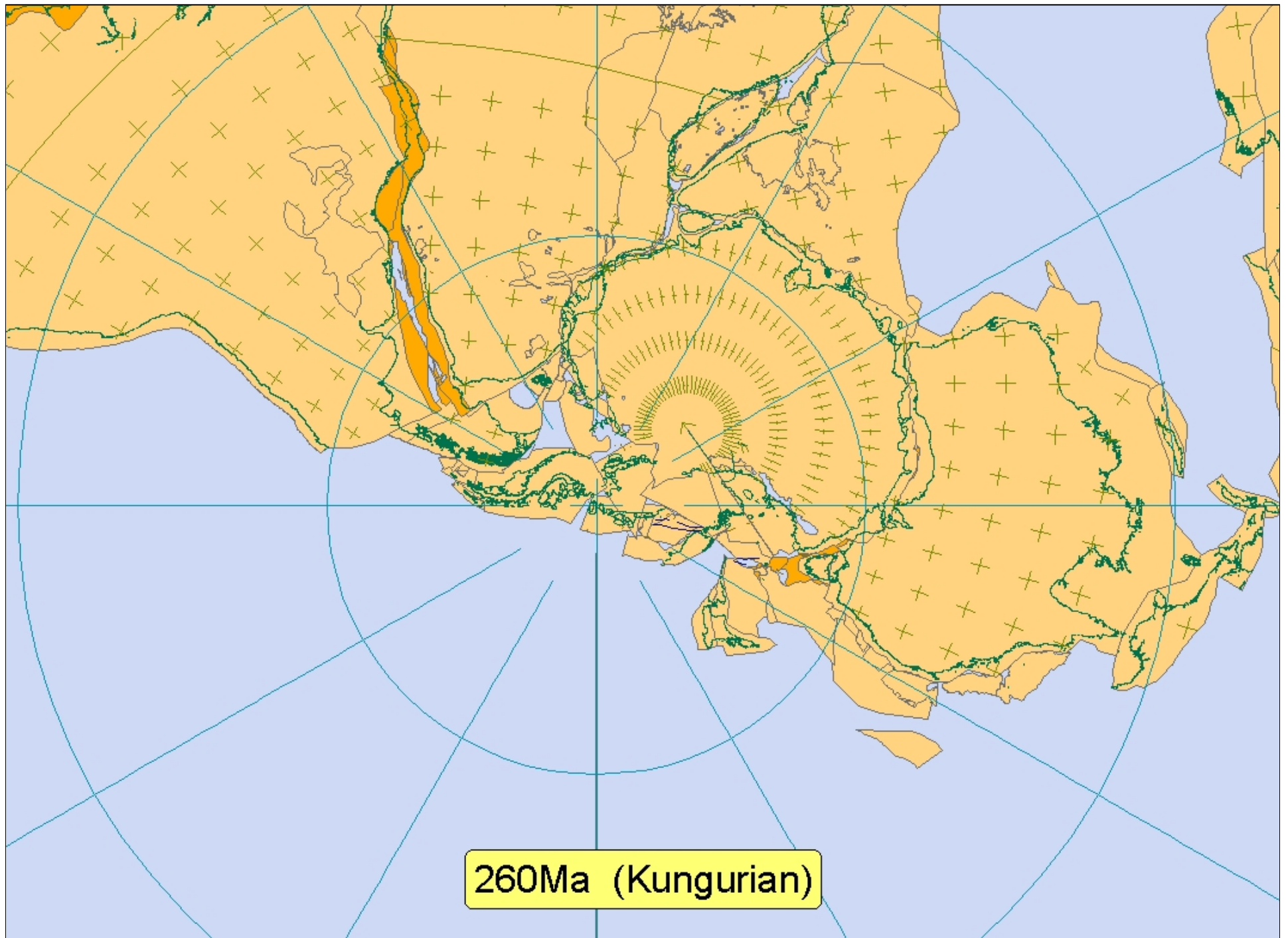


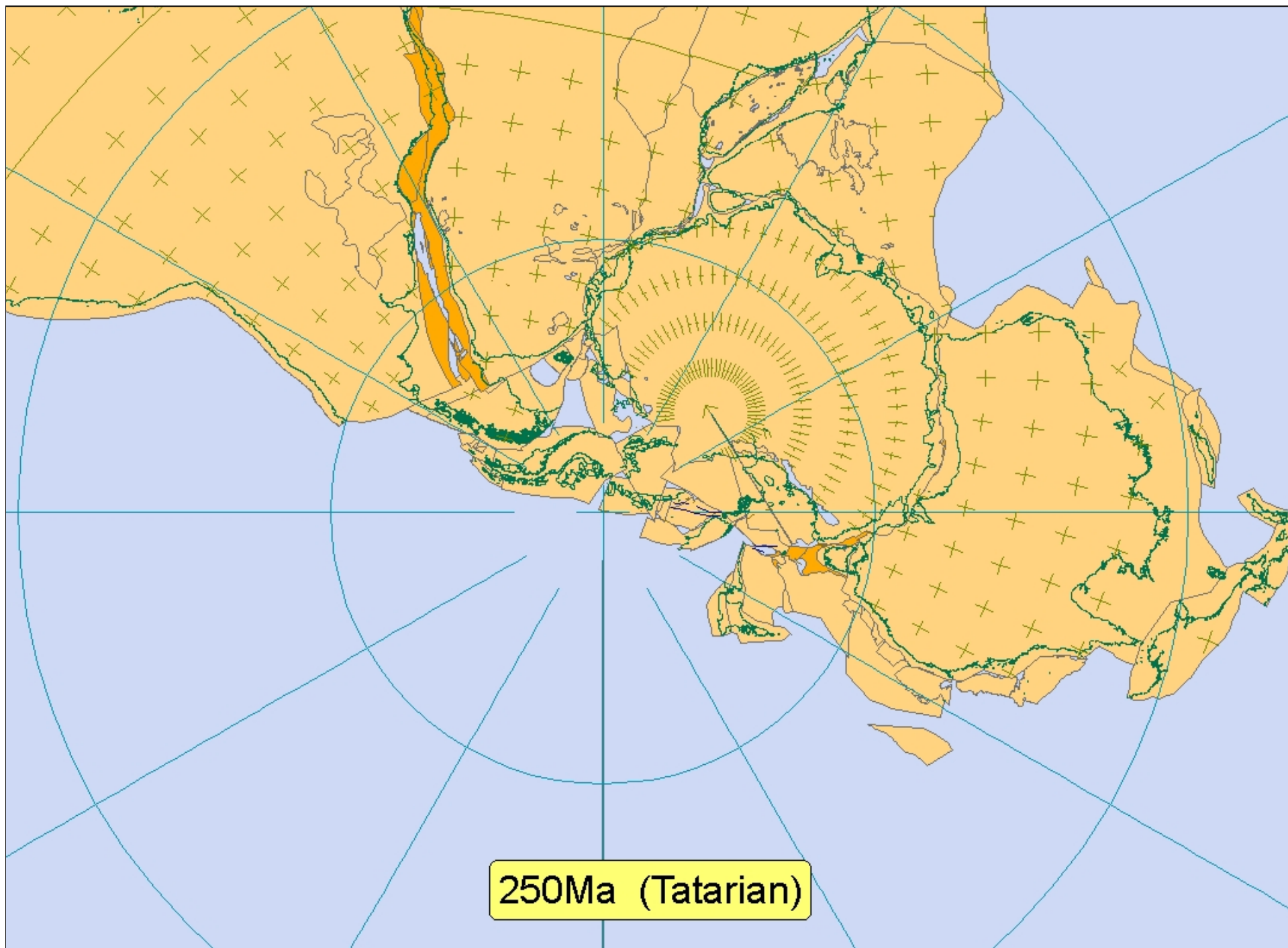


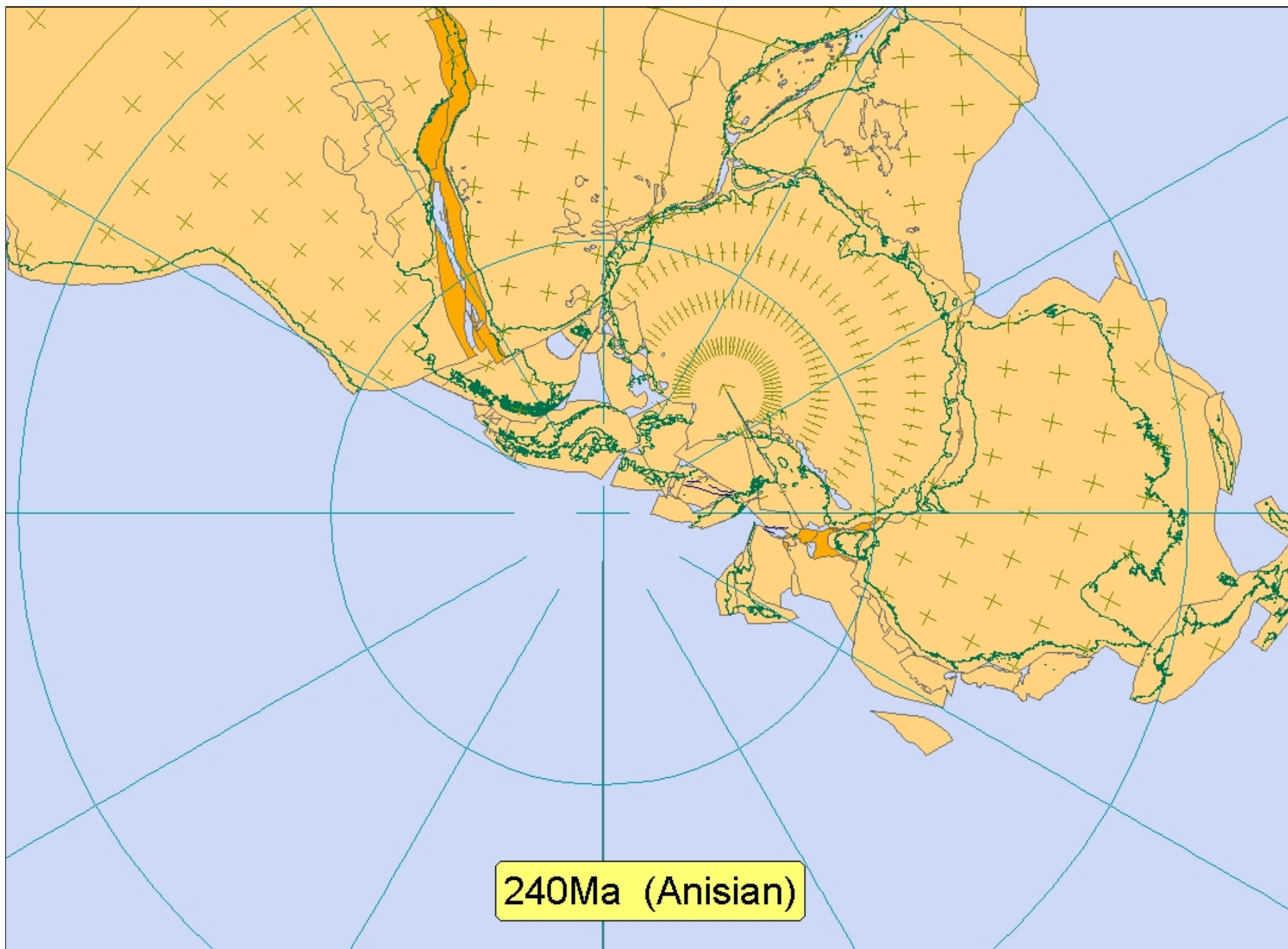


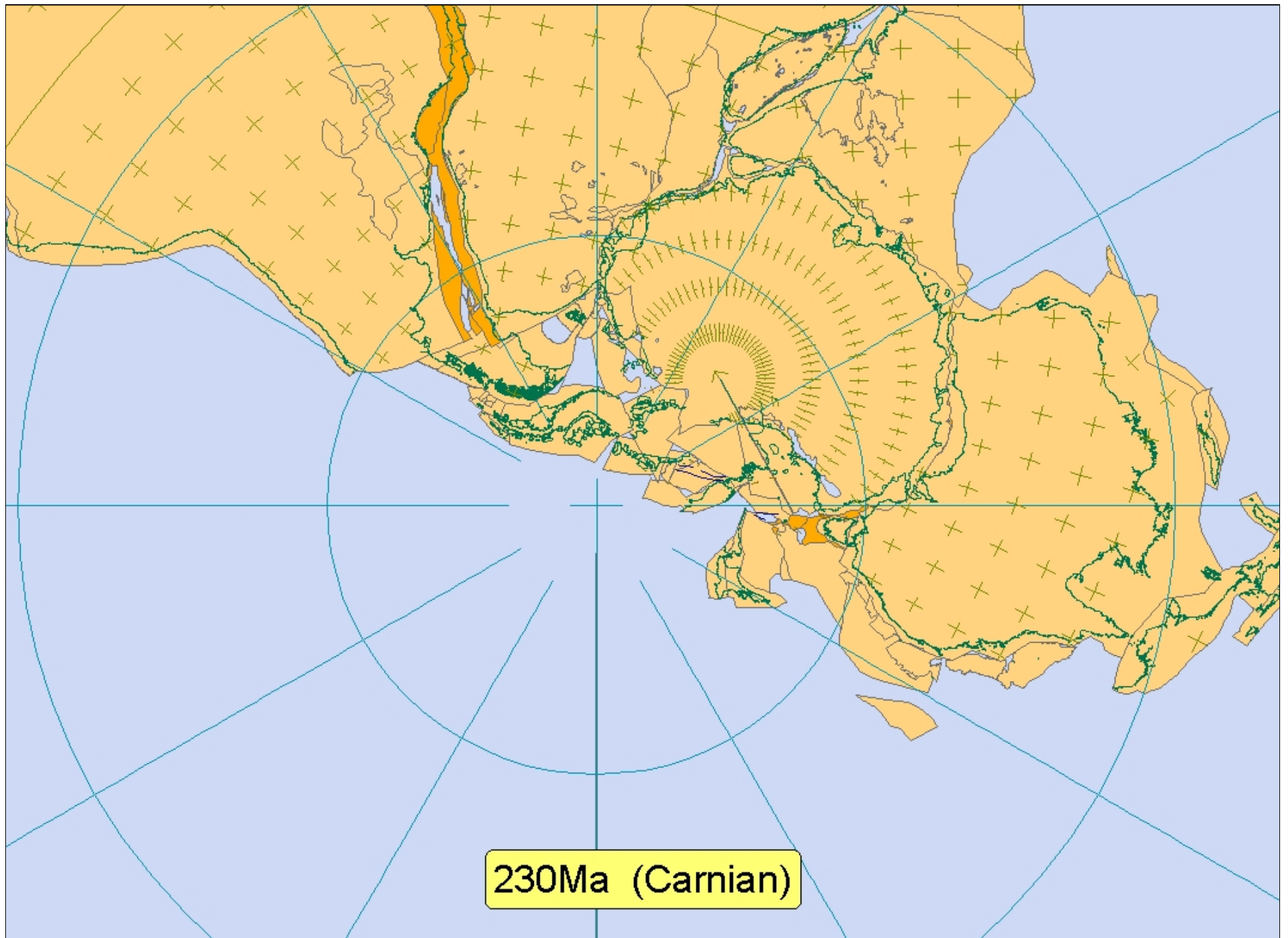


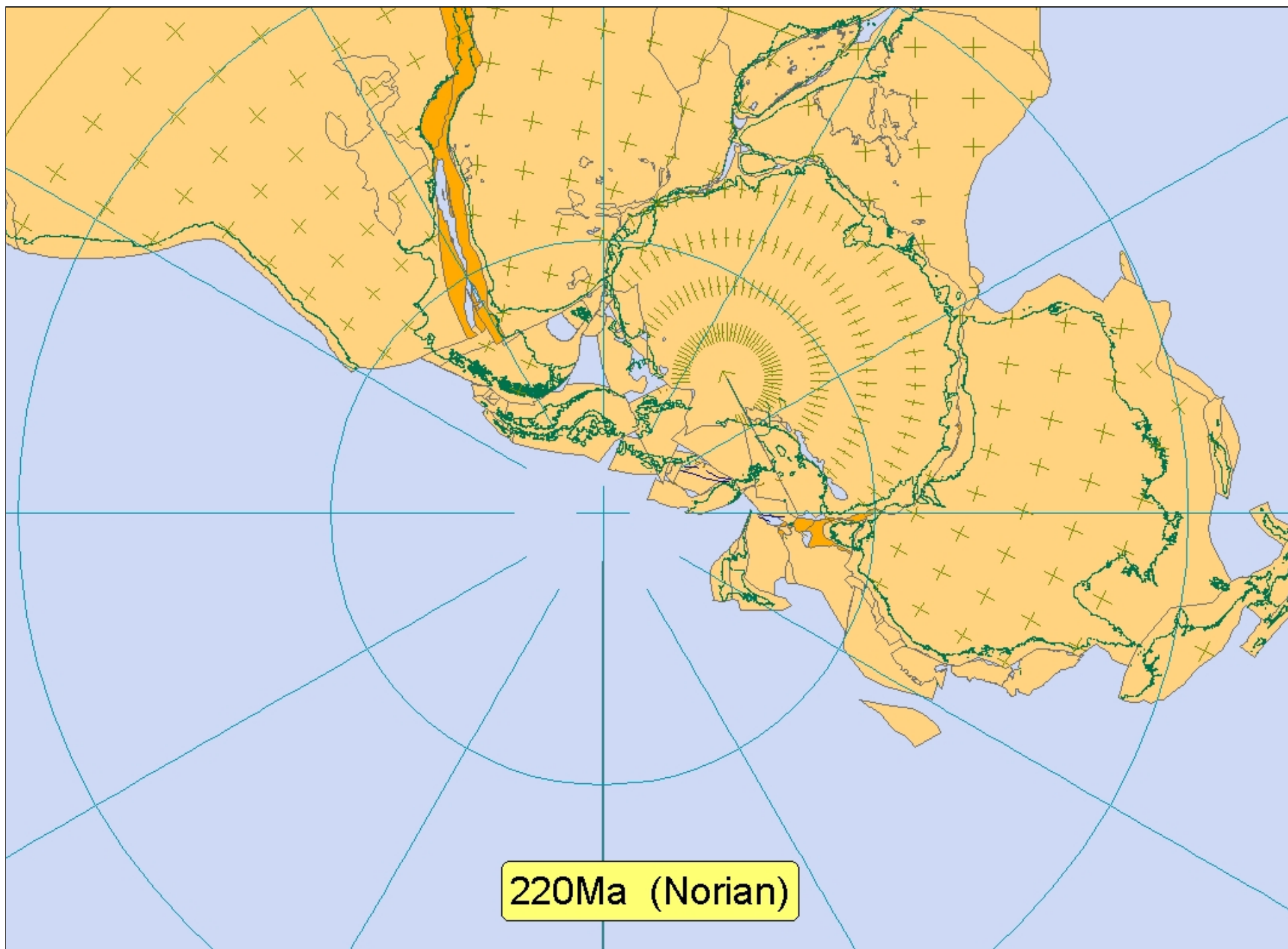






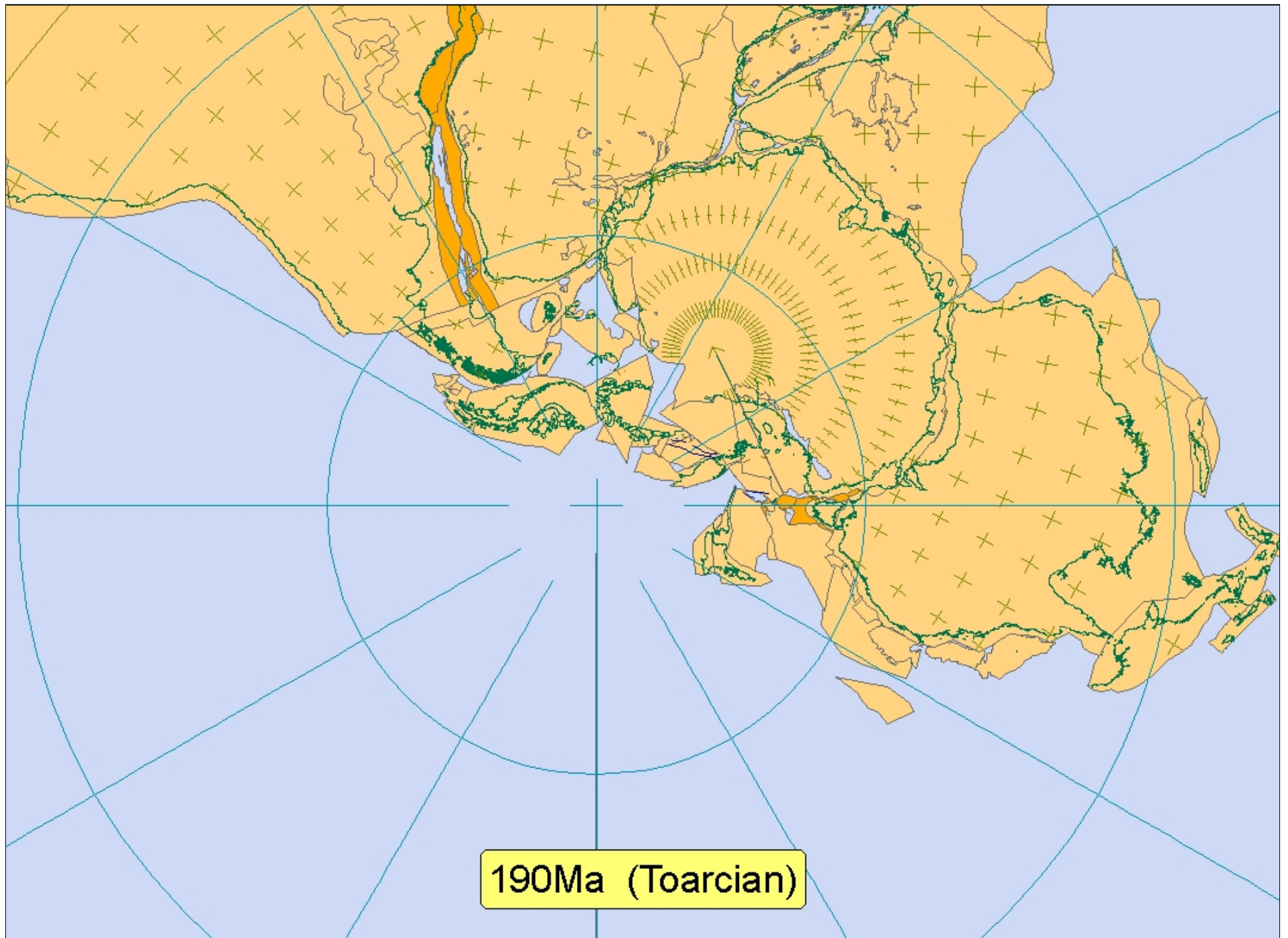








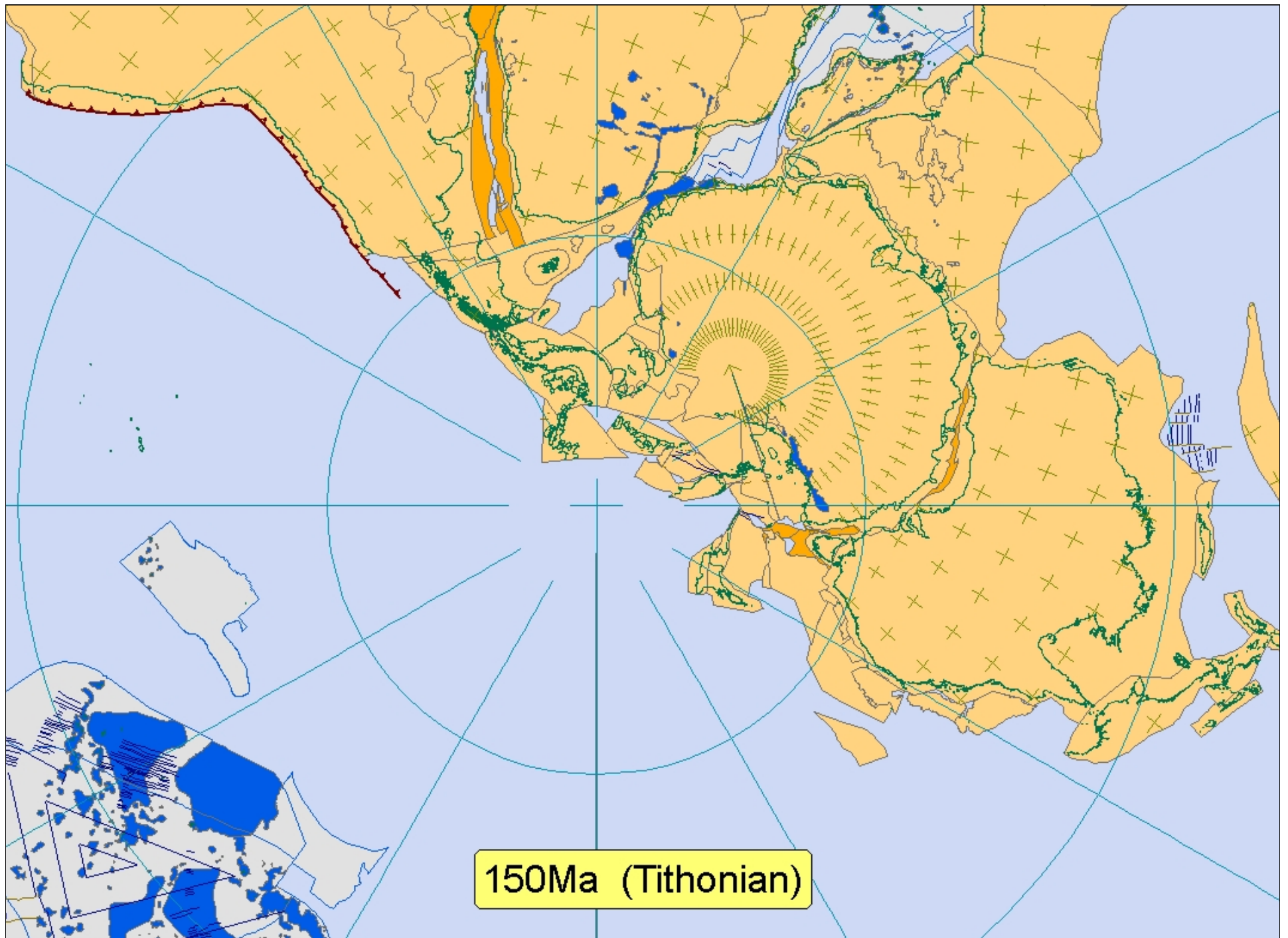


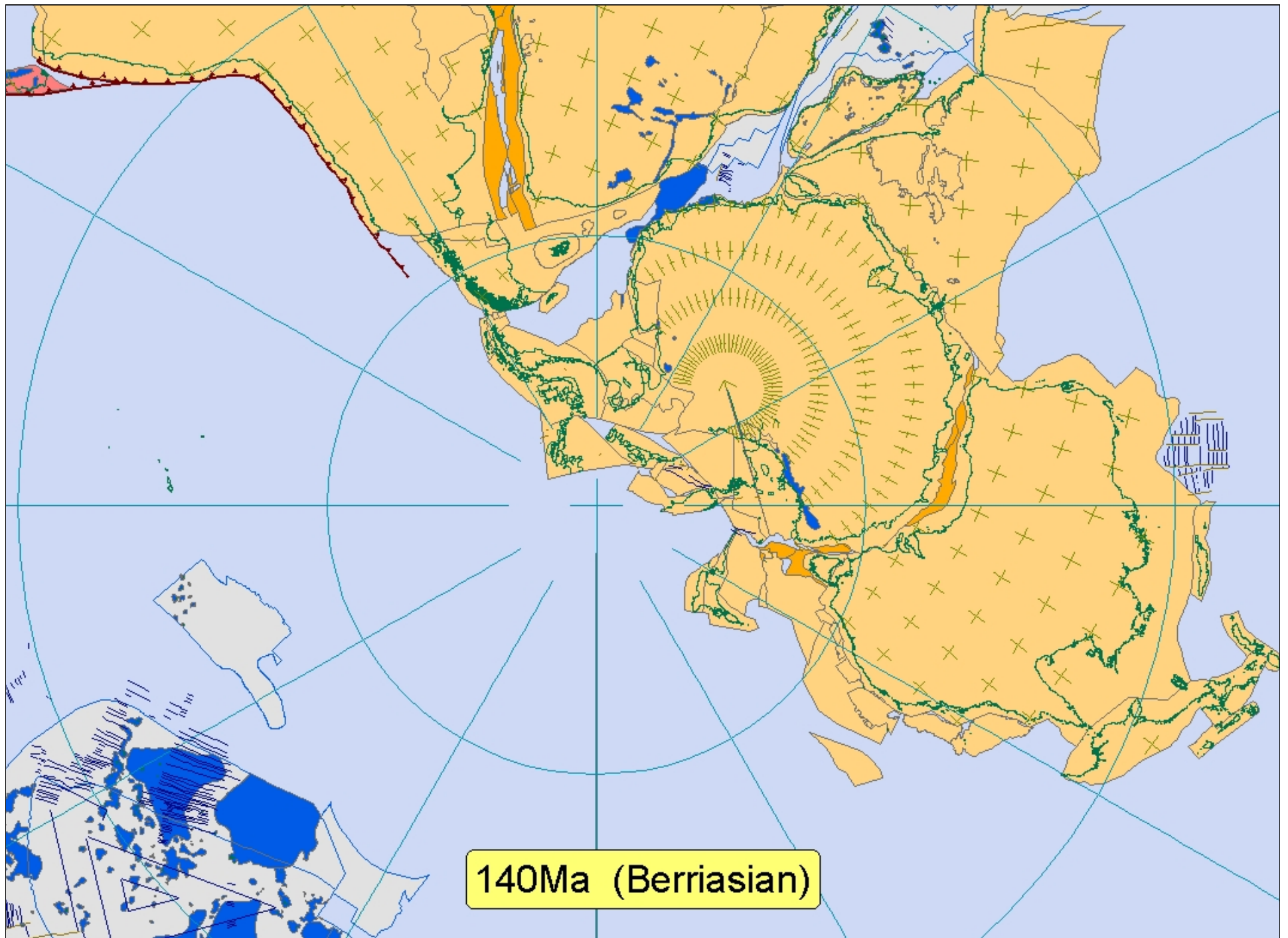


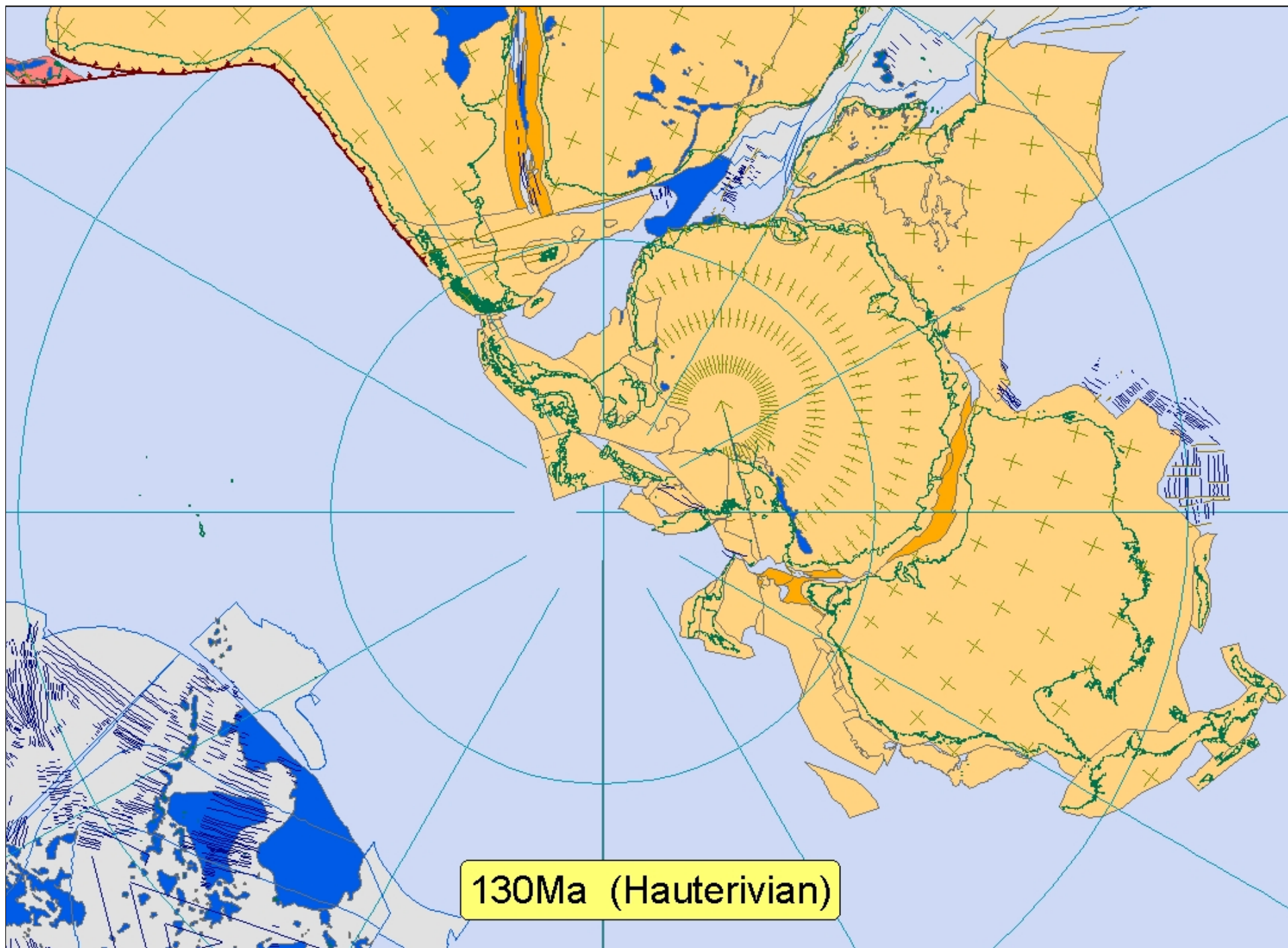


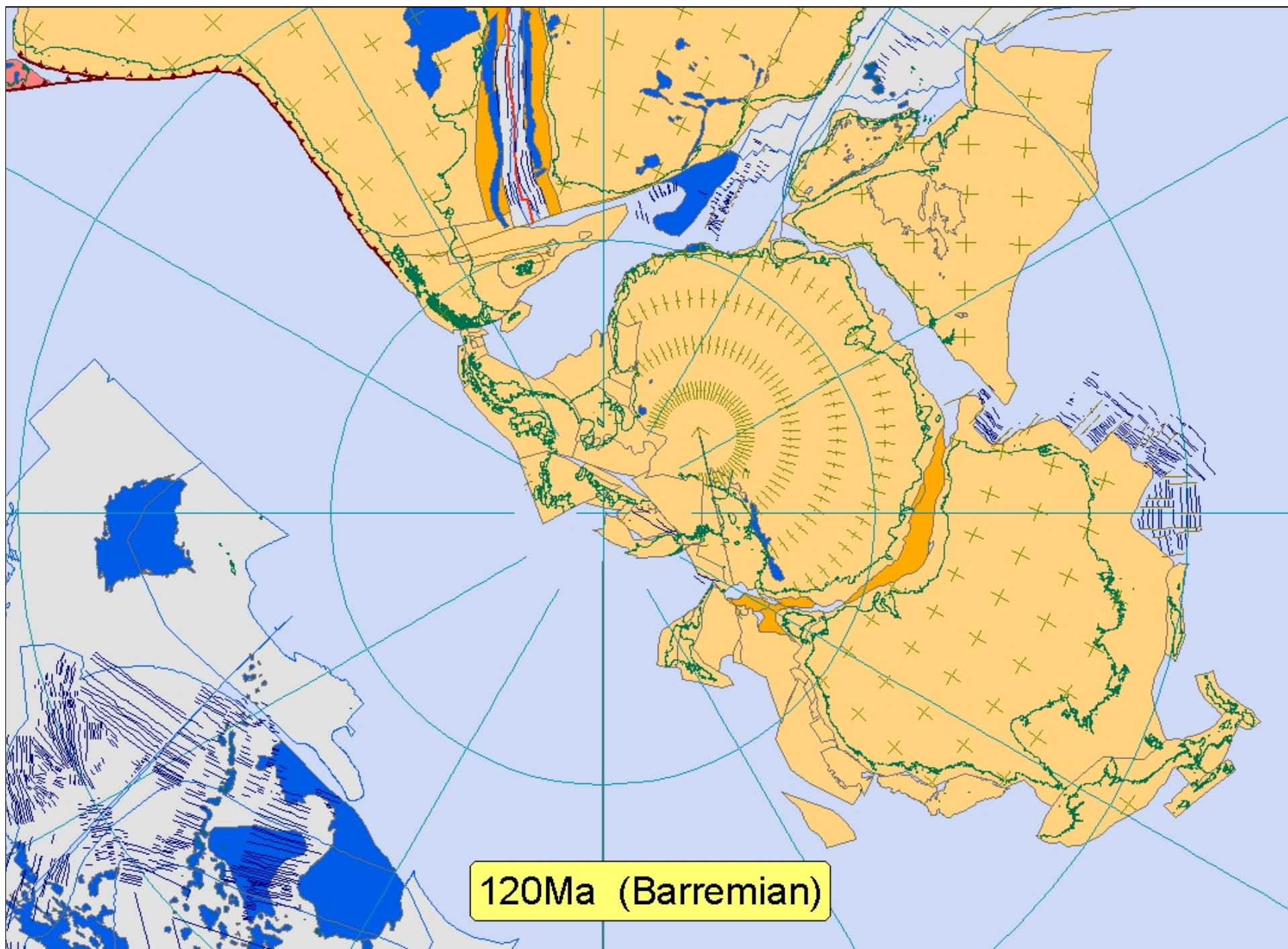


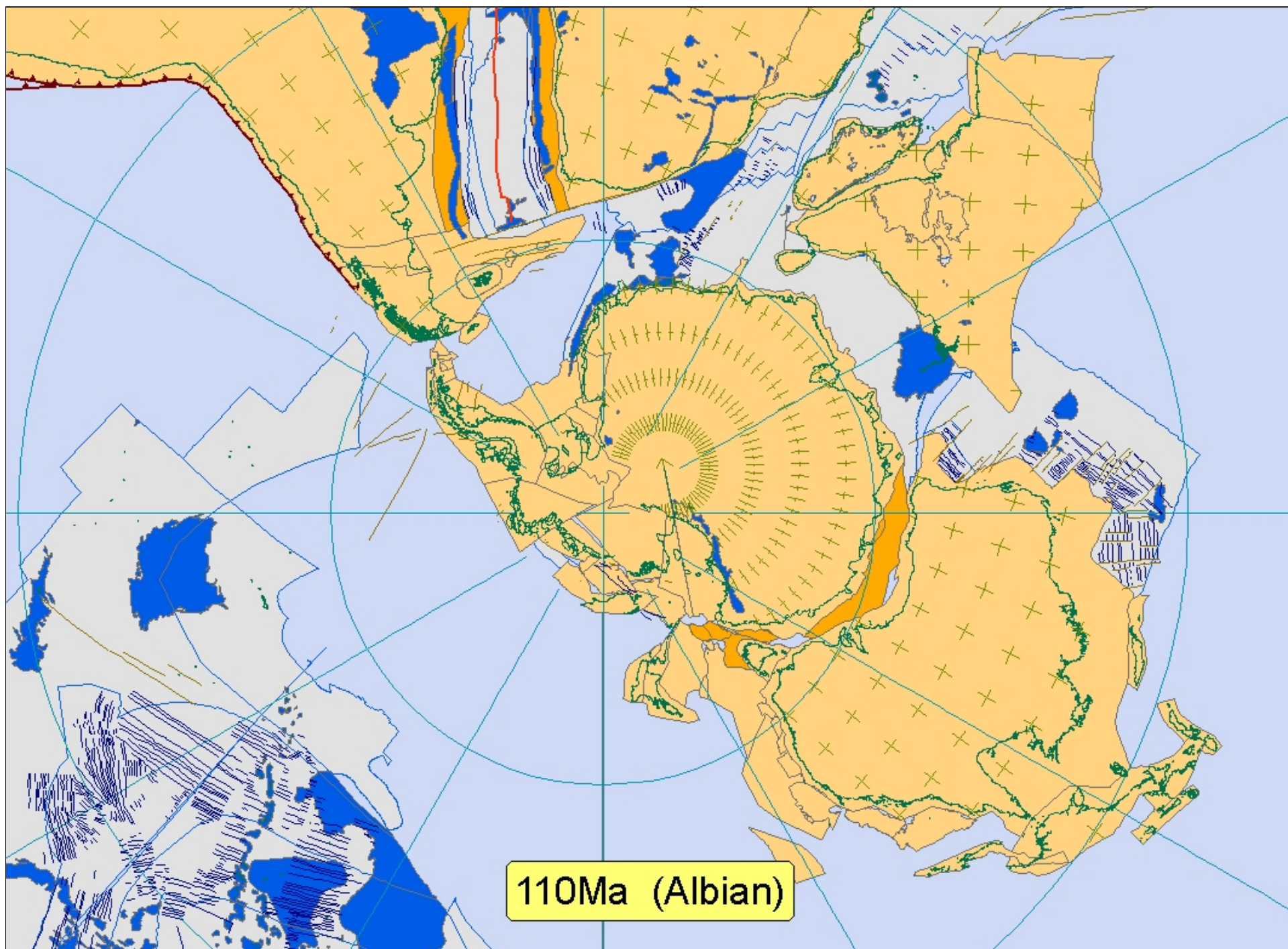


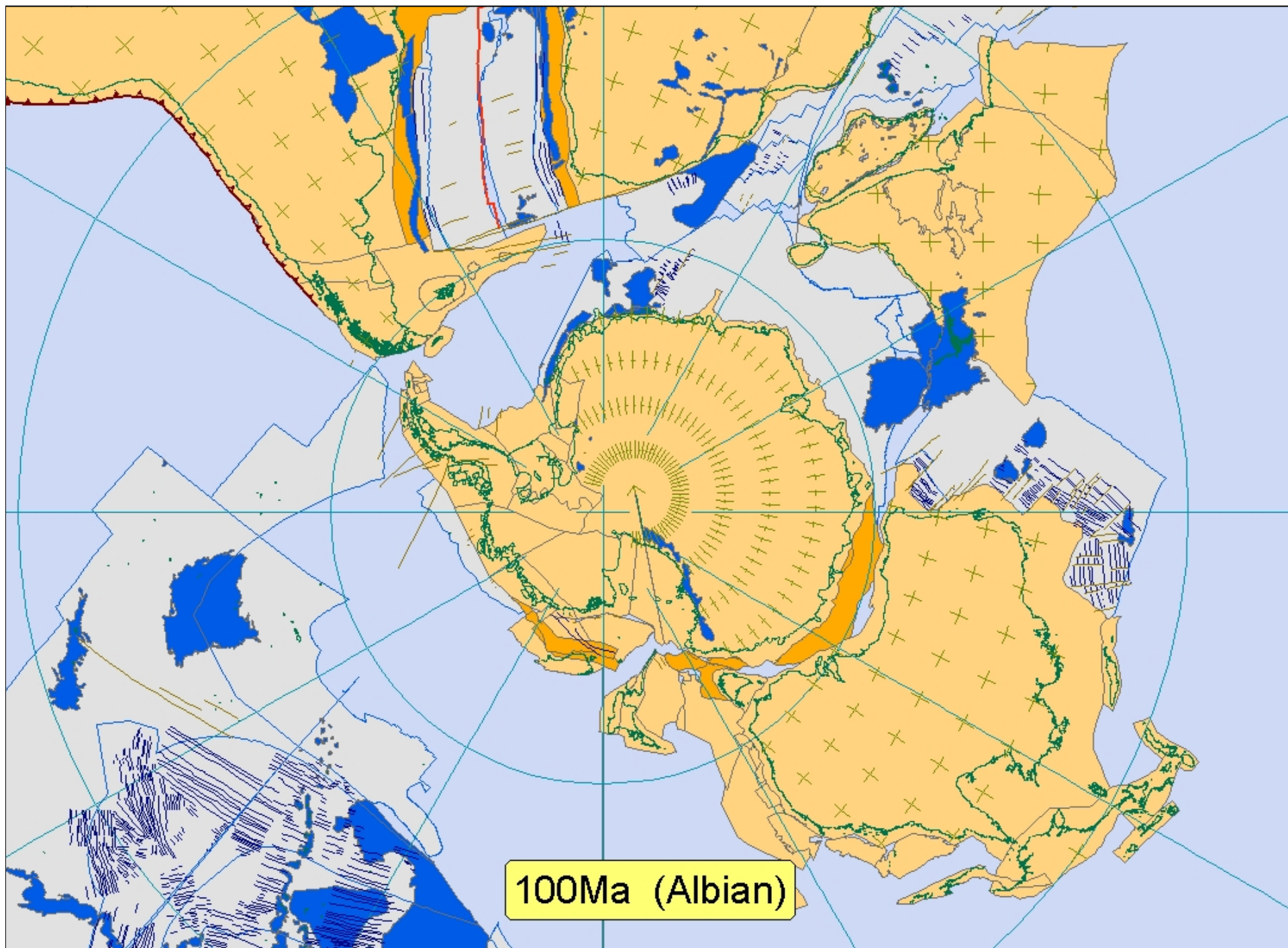


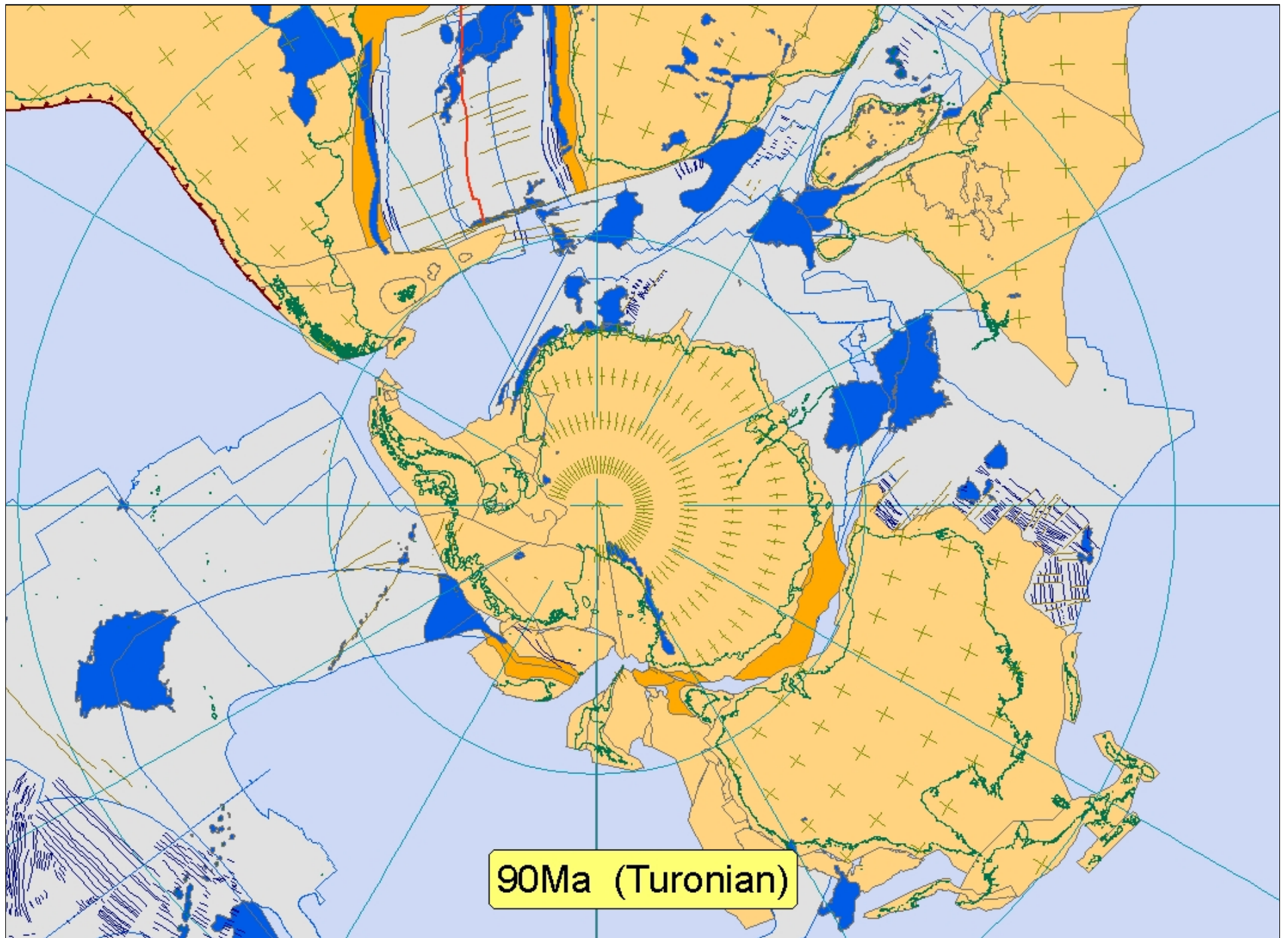




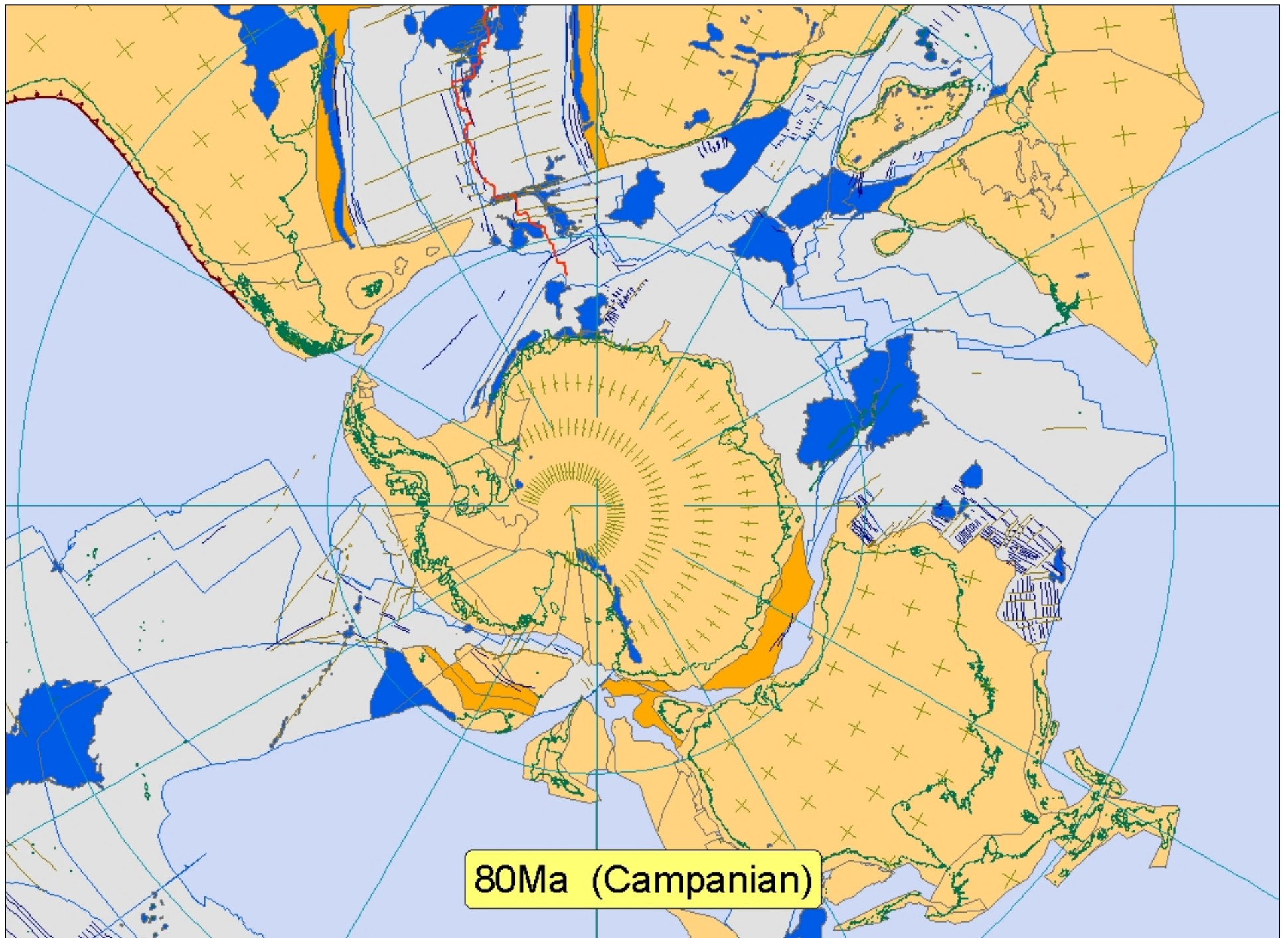


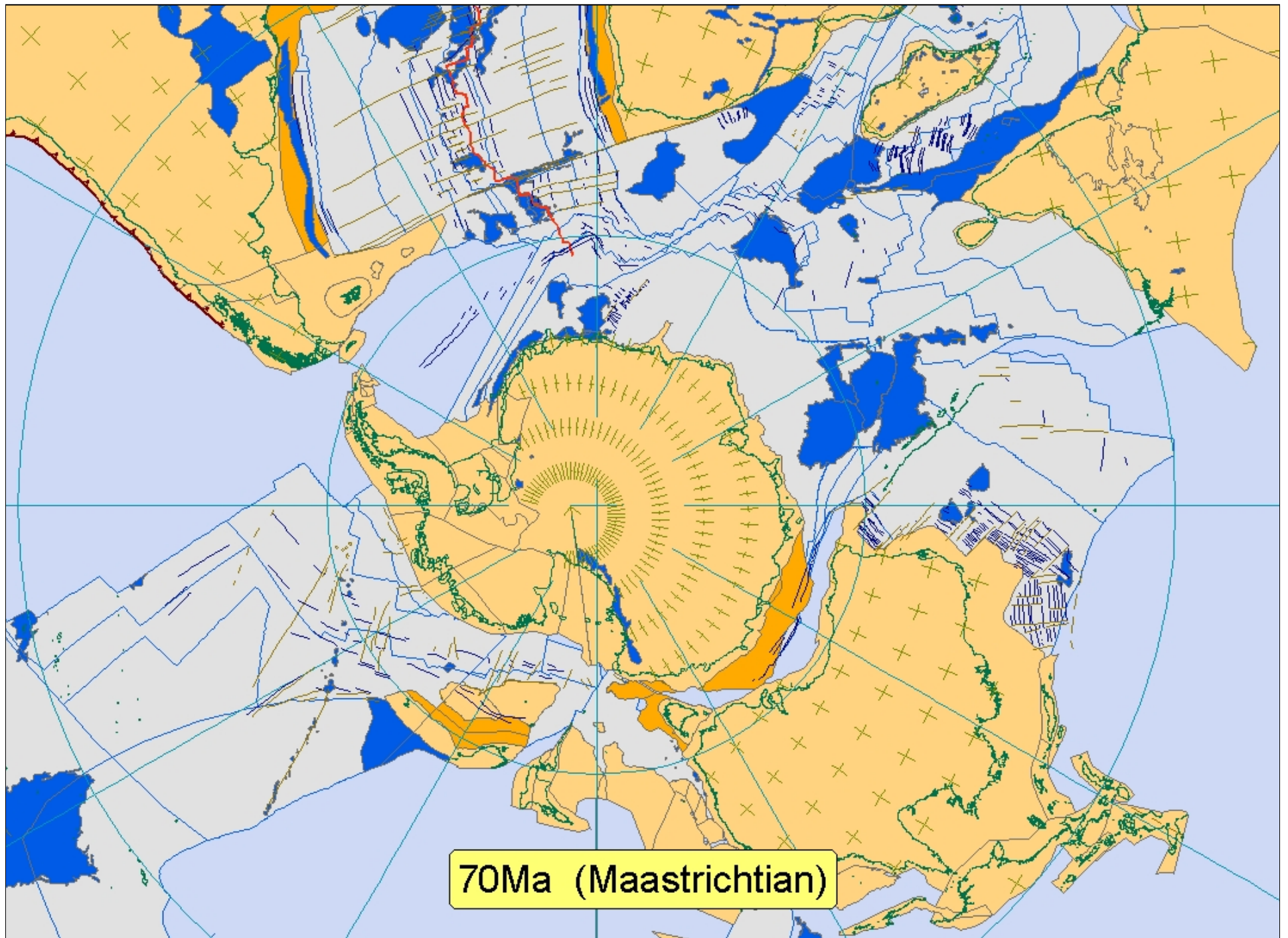


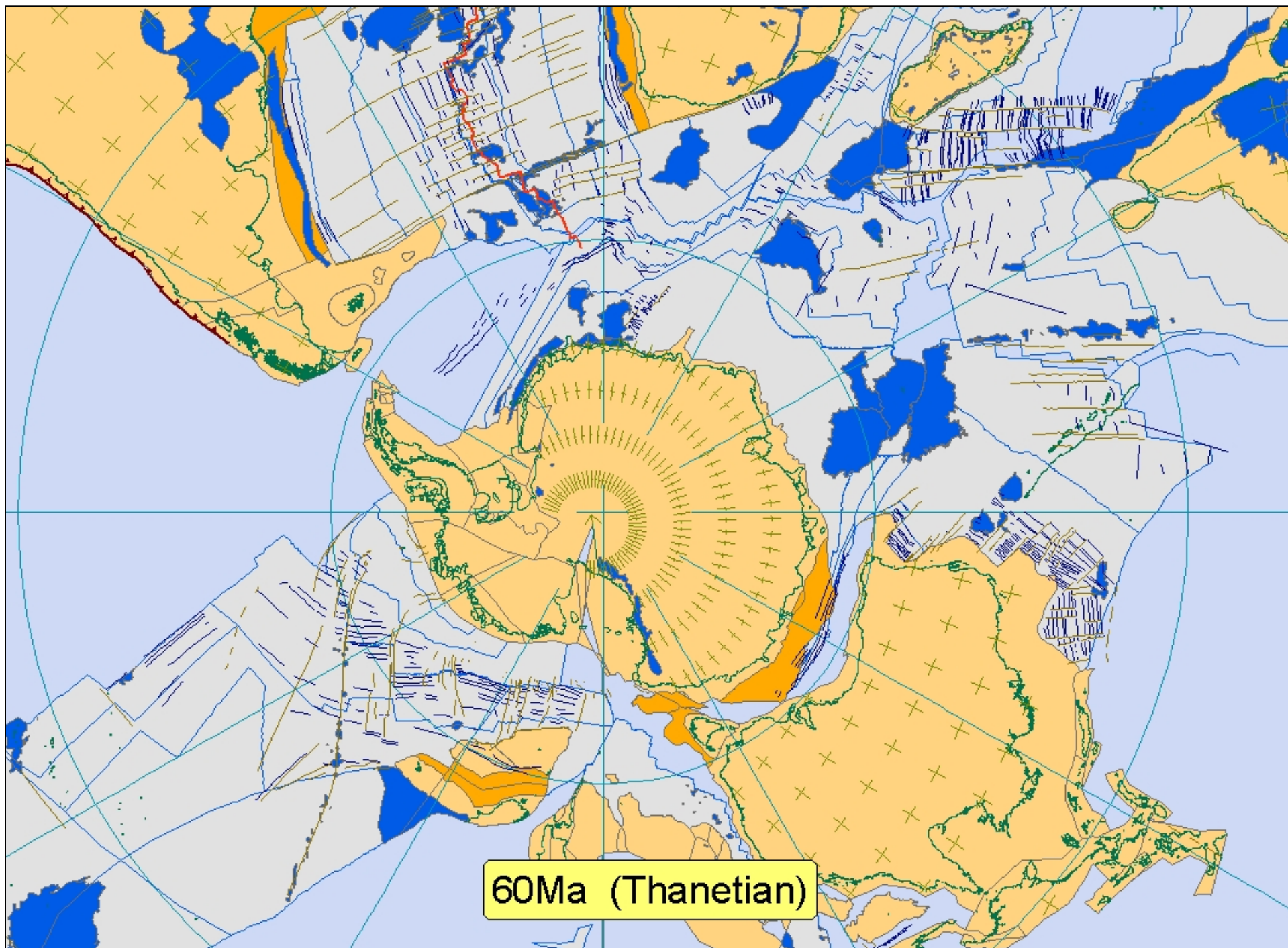


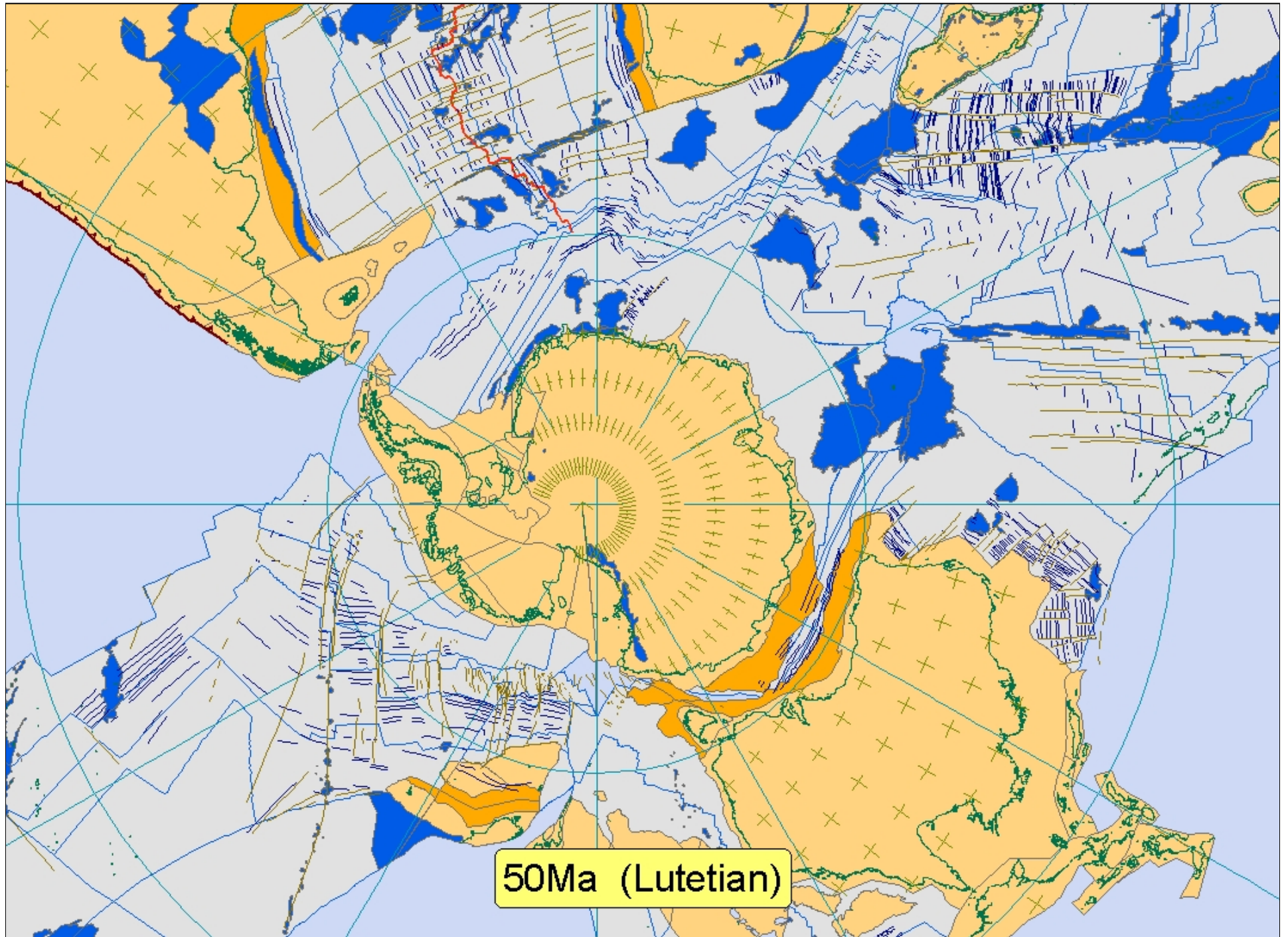


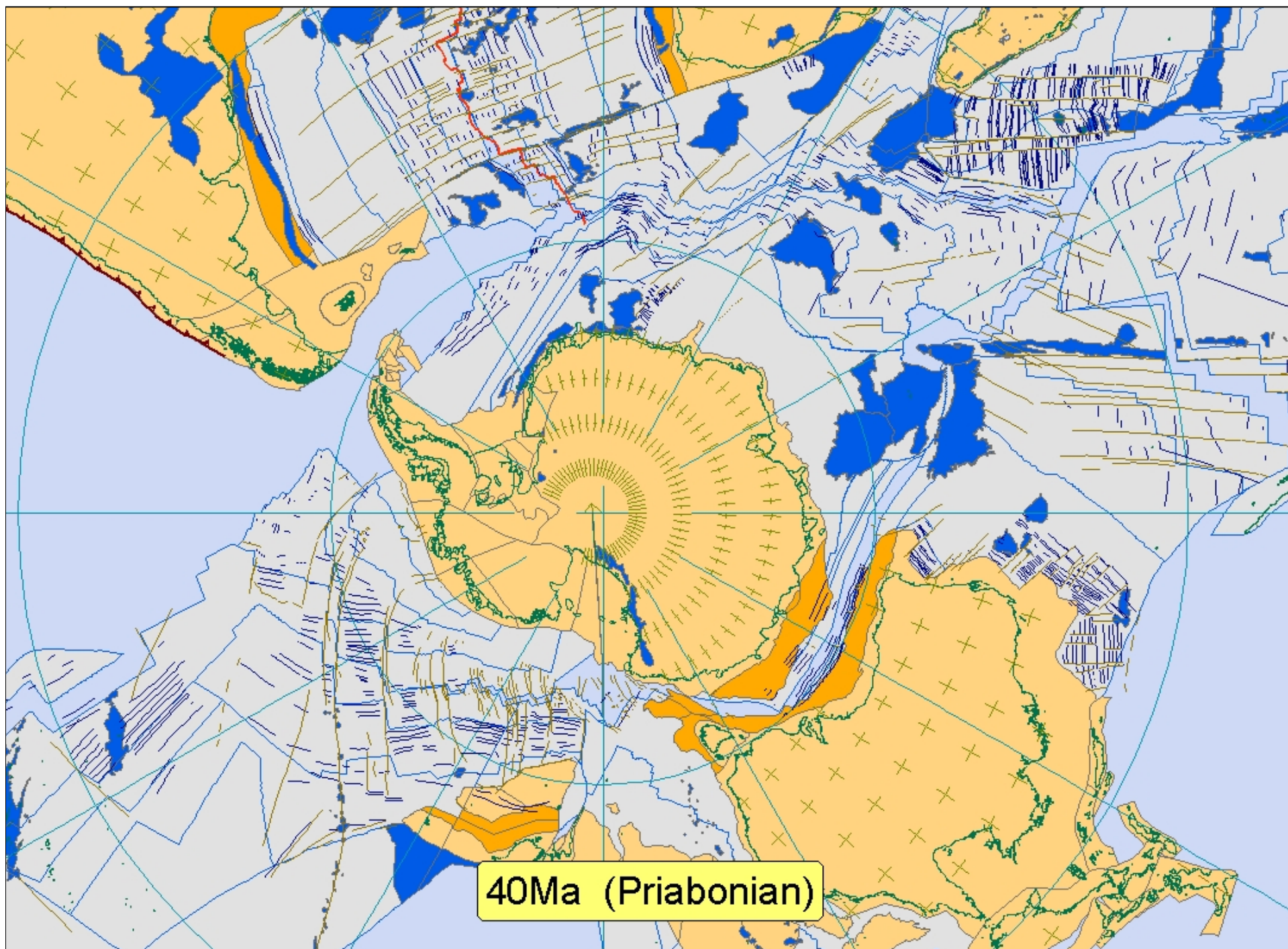
90Ma (Turonian)

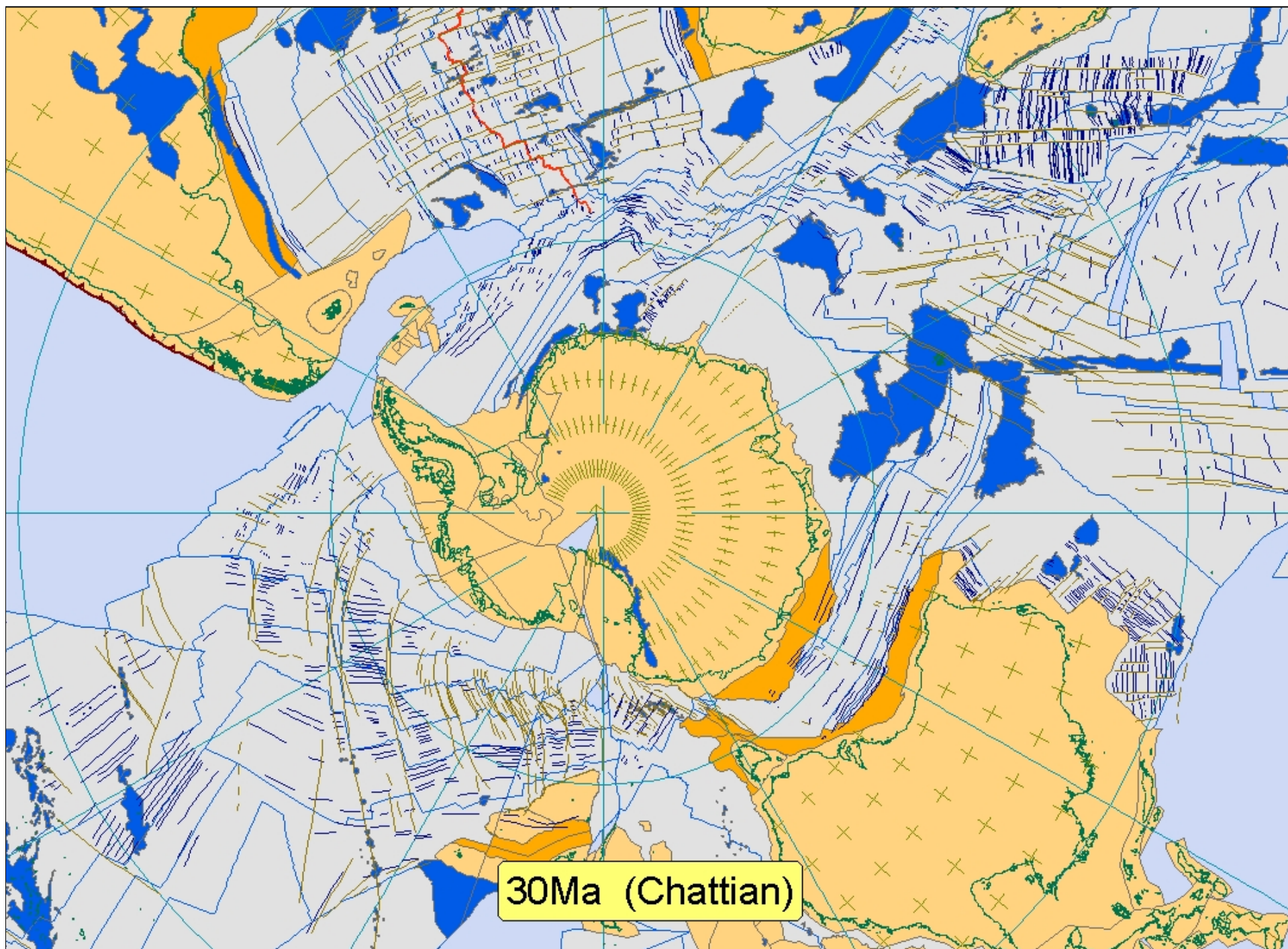


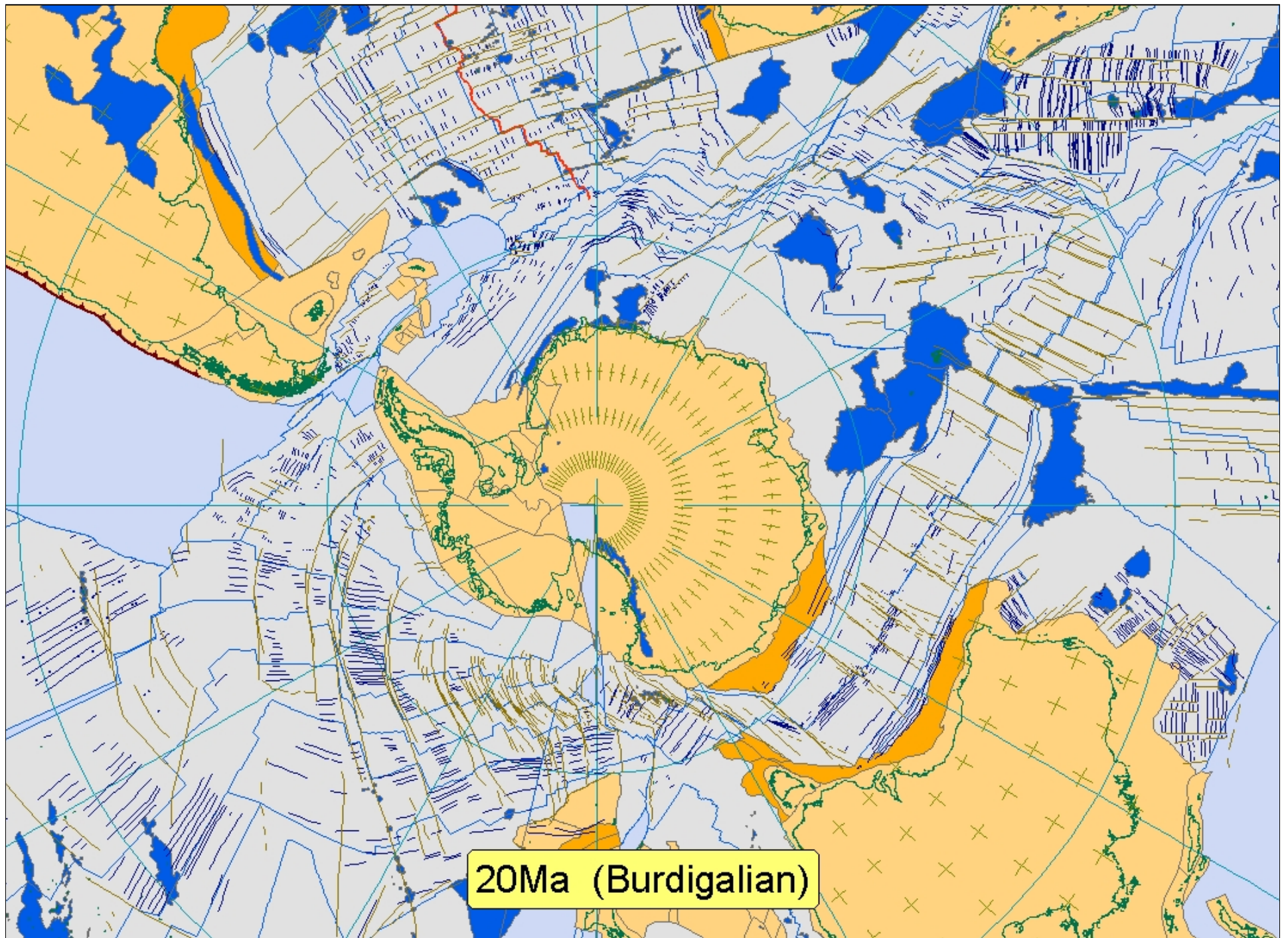


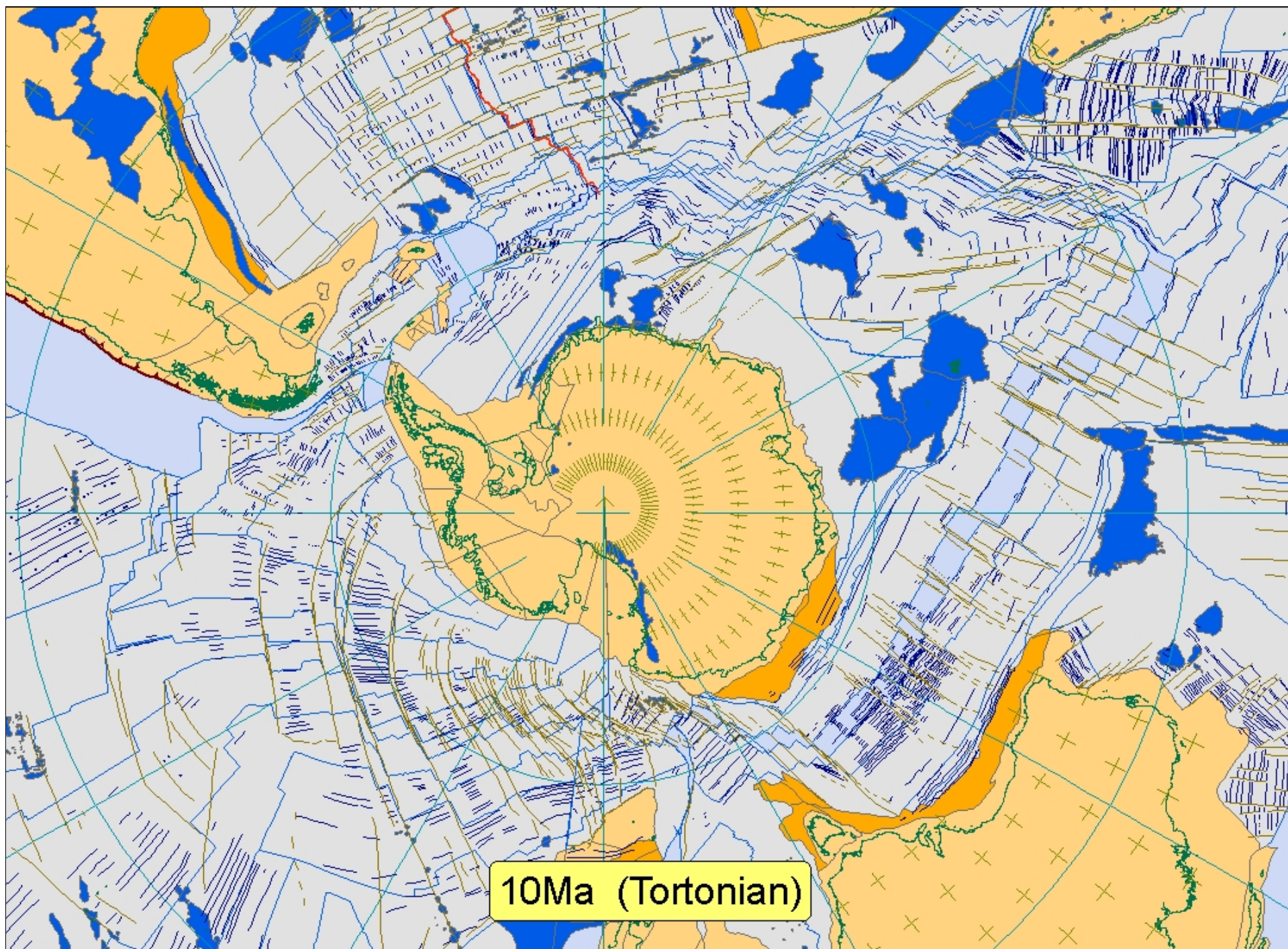


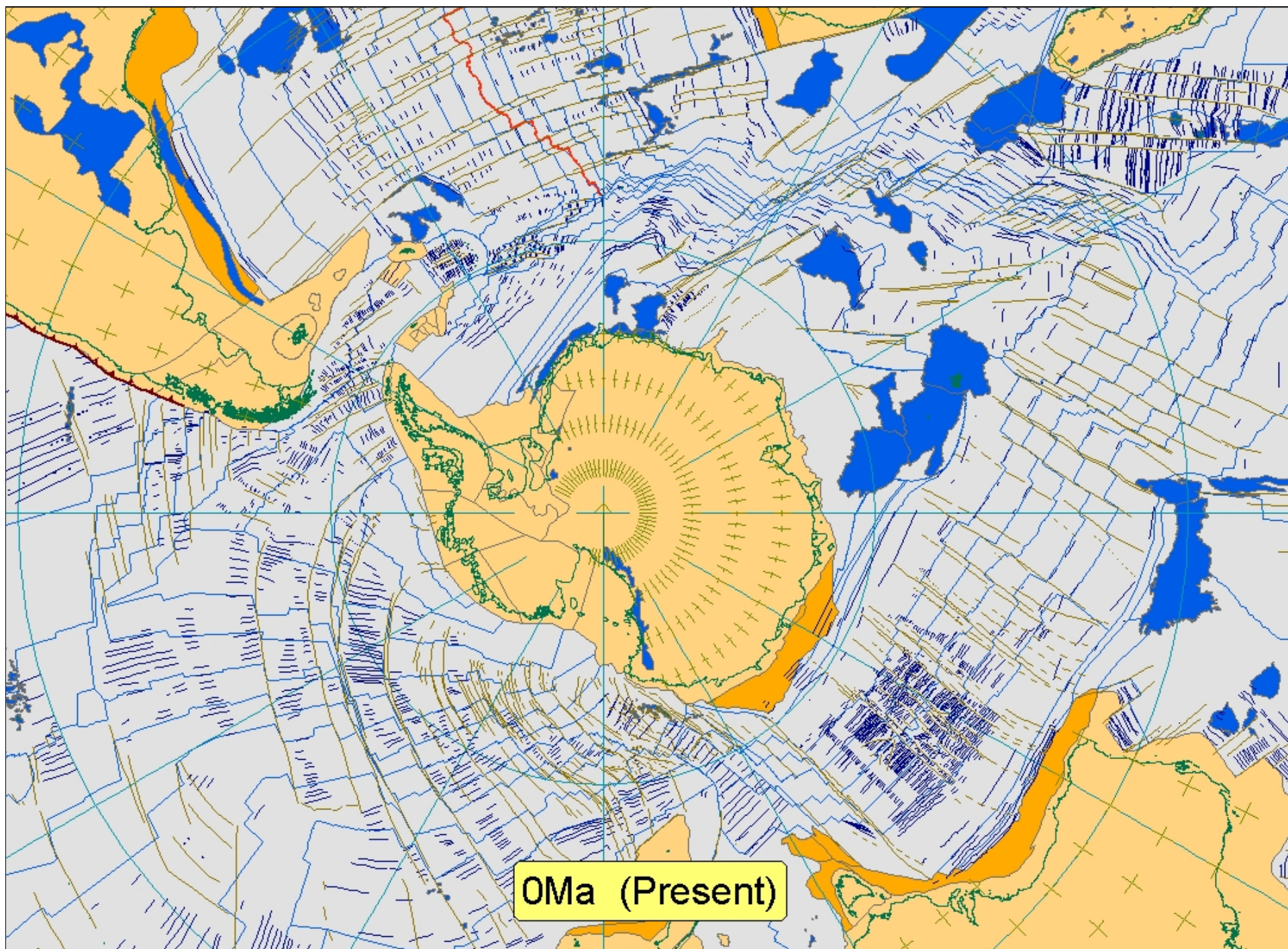












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