

Fig. 1. Location of the Cadomian block in the Variscan belt of Western Europe (extract from the Geological Map of France, 1:1,000,000 scale). Insert after Nance and Murphy (1996).

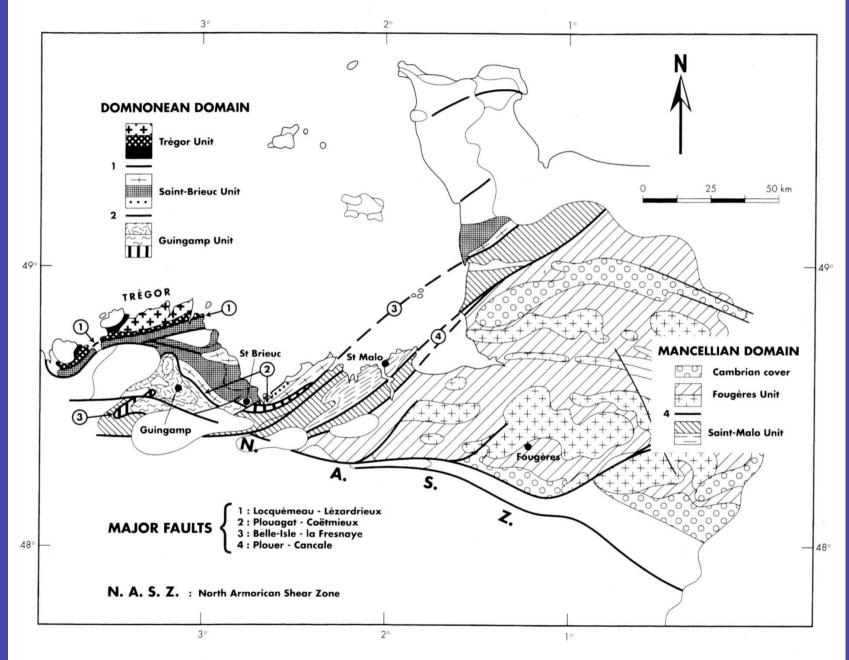


Fig. 2. The North Armorican Cadomian belt (see Fig. 3 for formation details).

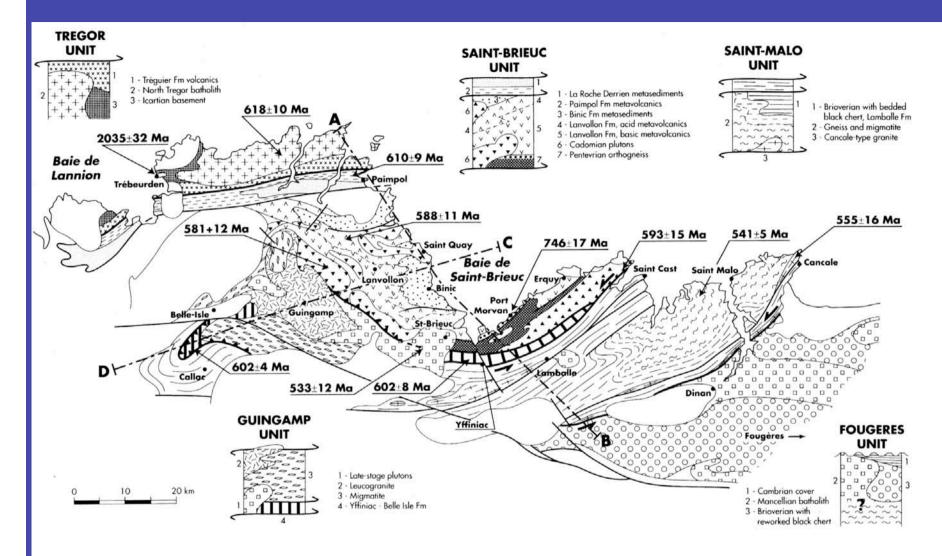
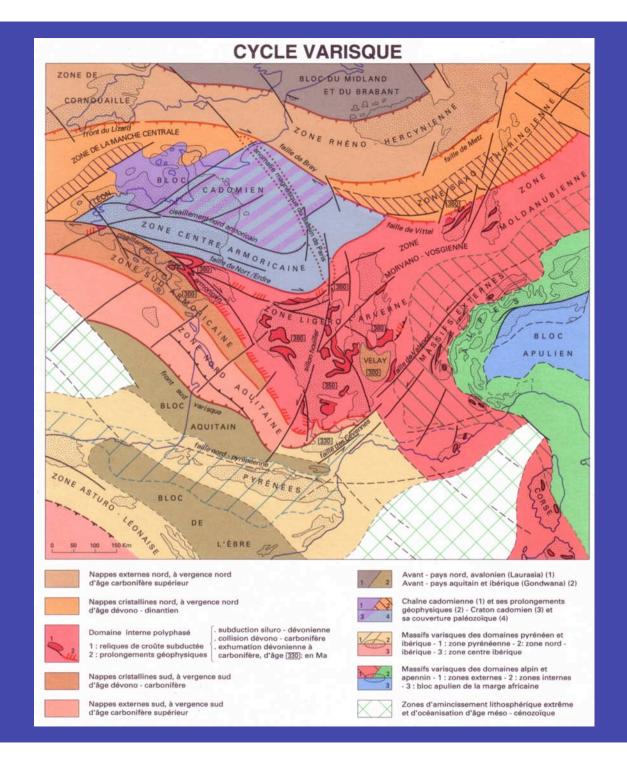
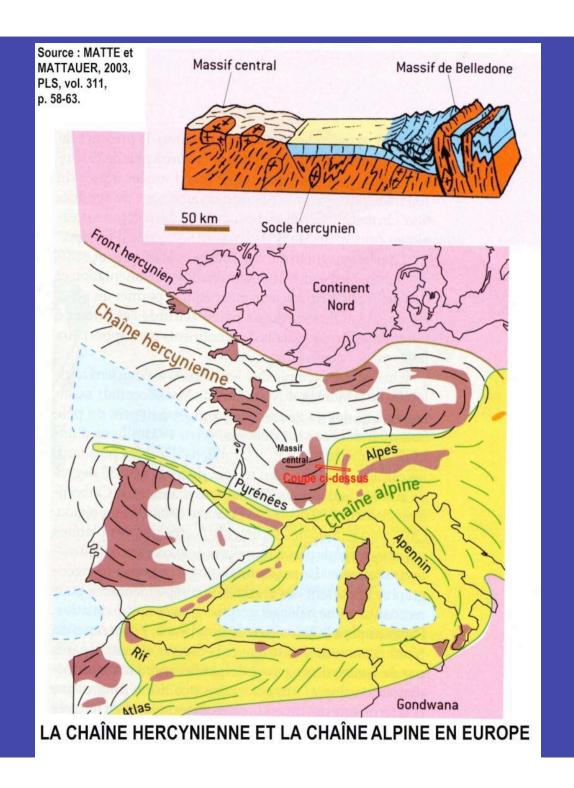
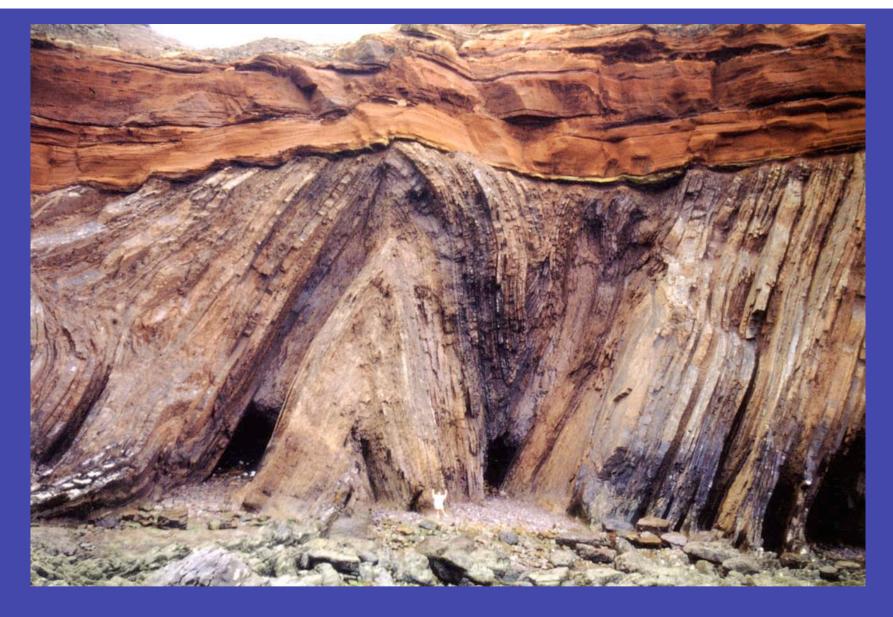


Fig. 3. Geological sketch map of the Cadomian belt in North Brittany. A-B, C-D: location of cross sections shown on Fig. 4.



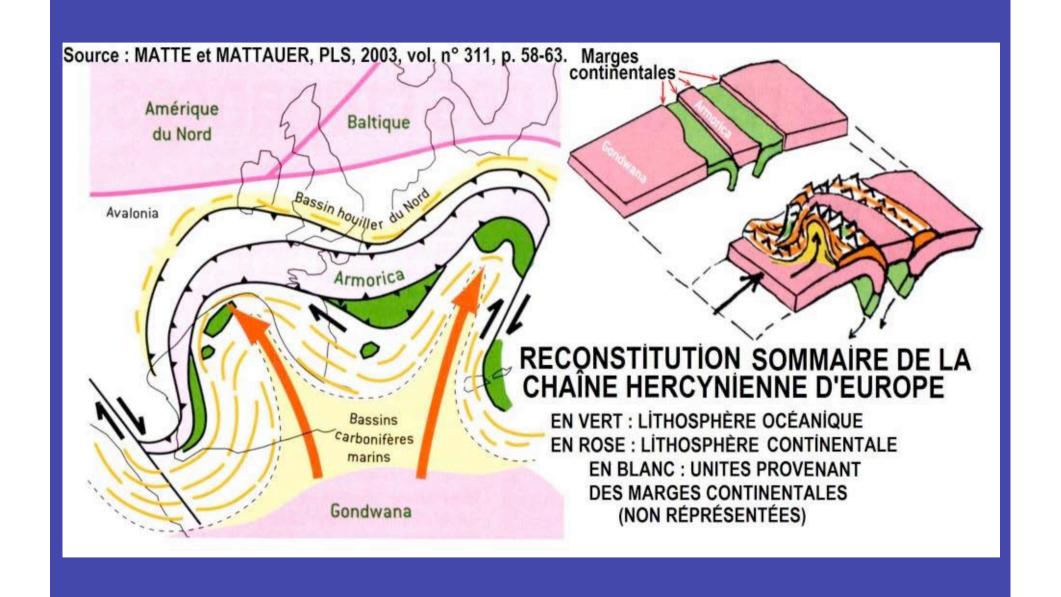






Discordance du Trias sur du Carbonifère plissé et érodé (sud du Portugal)

Cliché Matte





La chaîne varisque, le résultat de la tectonique des plaques

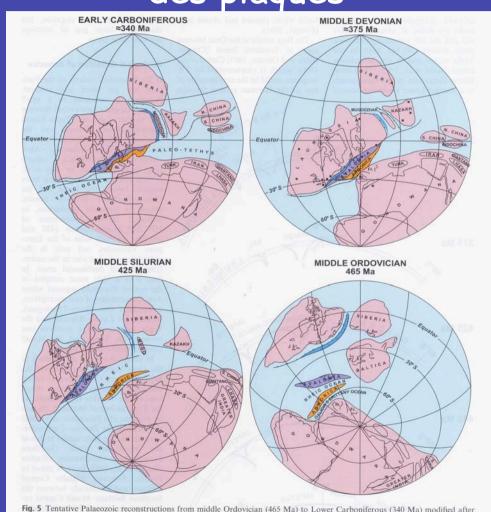
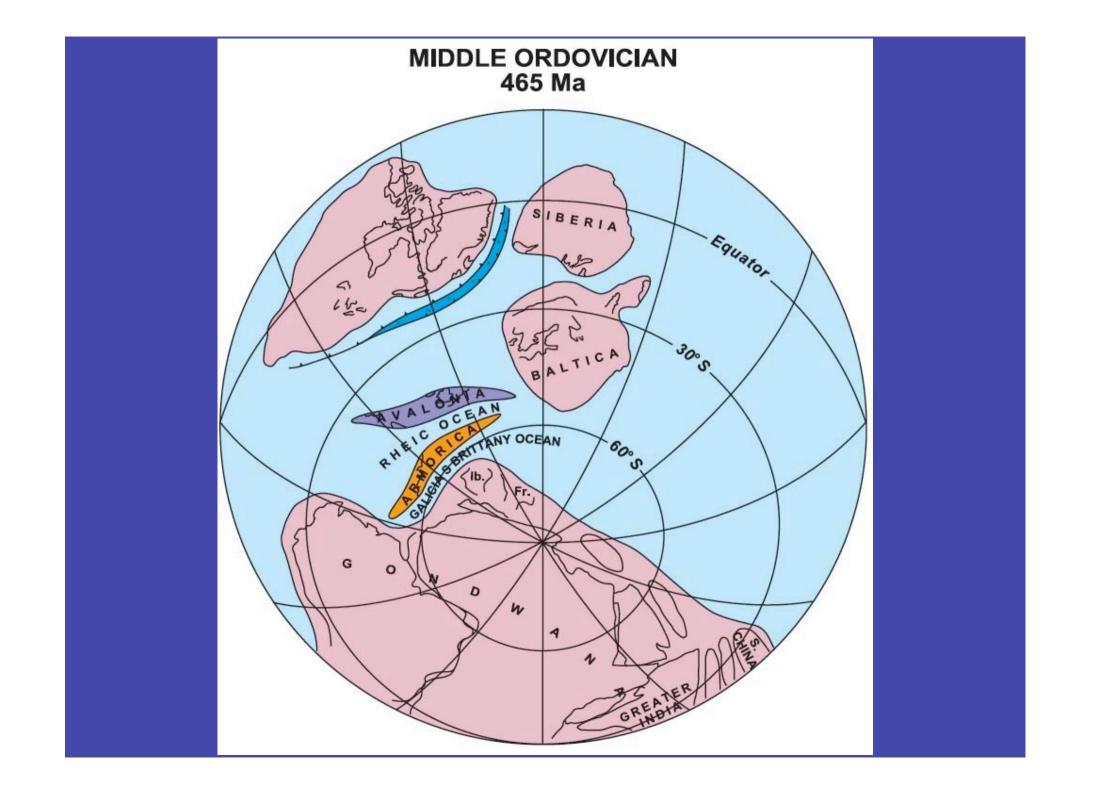
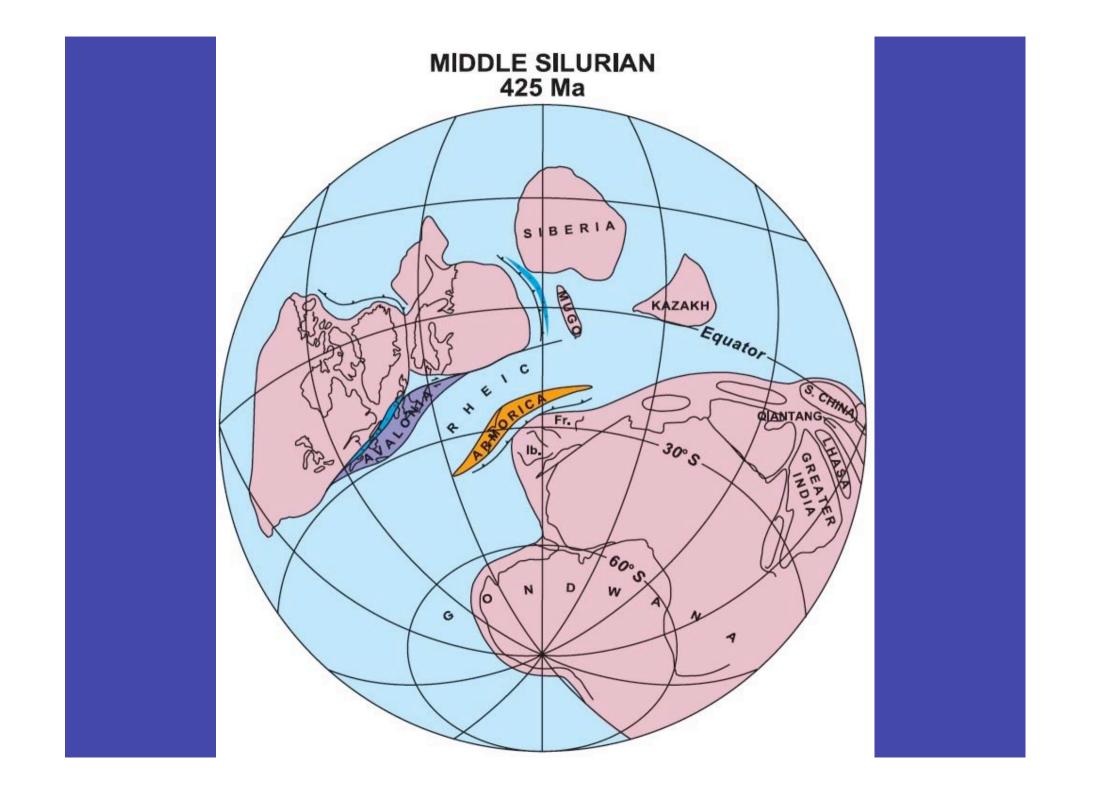


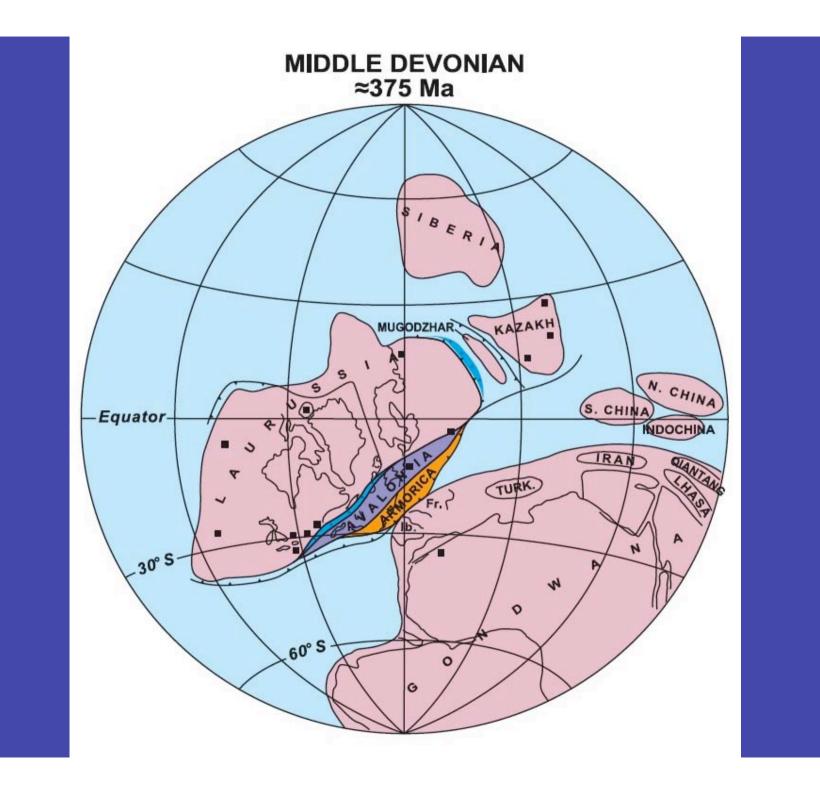
Fig. 5 Tentative Palaeozoic reconstructions from middle Ordovician (465 Ma) to Lower Carboniferous (340 Ma) modified after Scotese and Golonka (1992) and Torsvik (1998), showing the Armorica (orange) and Avalonia (violet) continental microplates. Blue, island arcs; black squares, distribution of Callixylon in the Late Devonian (375 Ma) (after Meyer-Berthaud et al., 1997).

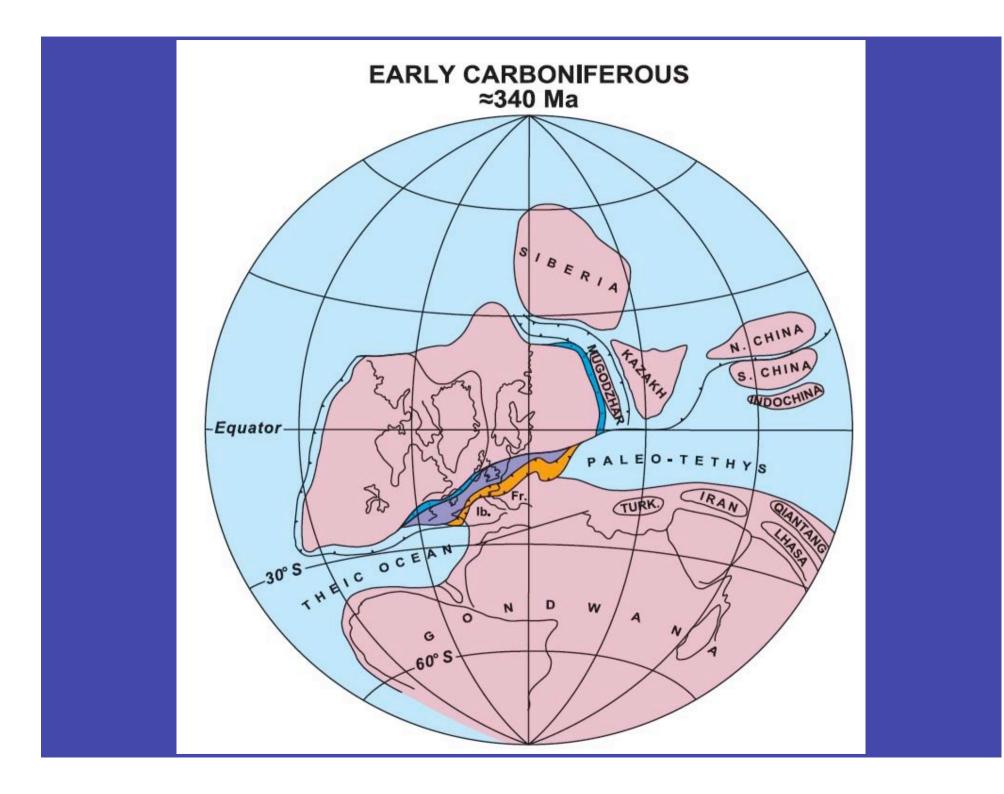
VARISCIDES 340 Ma 375 Ma ARMOR RHEICAVALON 425 Ma 440 Ma 465 Ma

P. Matte (2001) Terra Nova . 13, n° 2, 122-128,









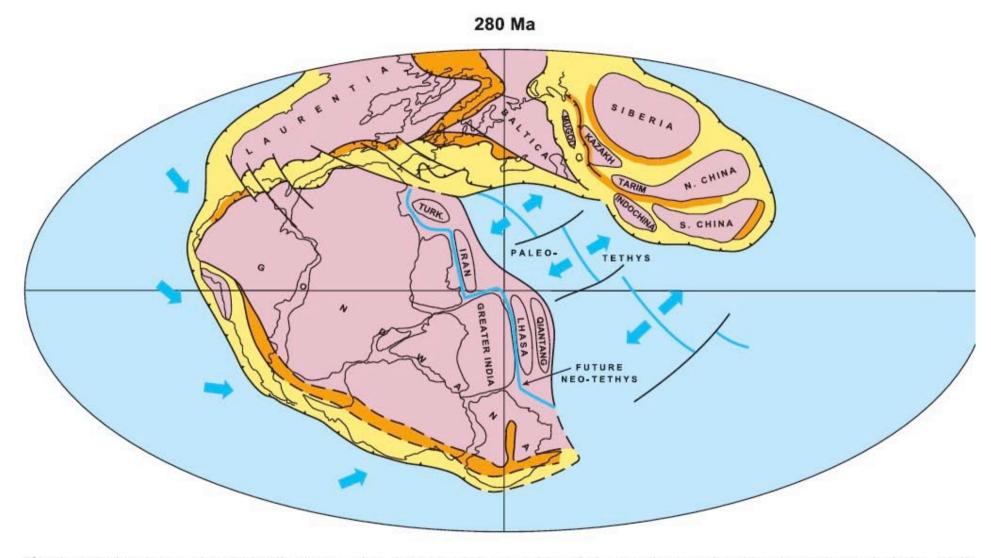
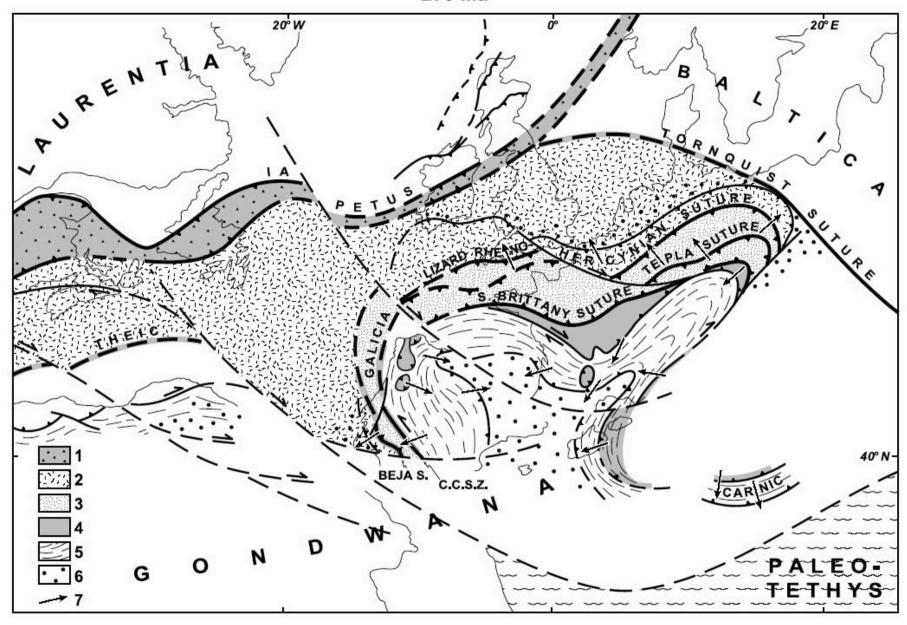
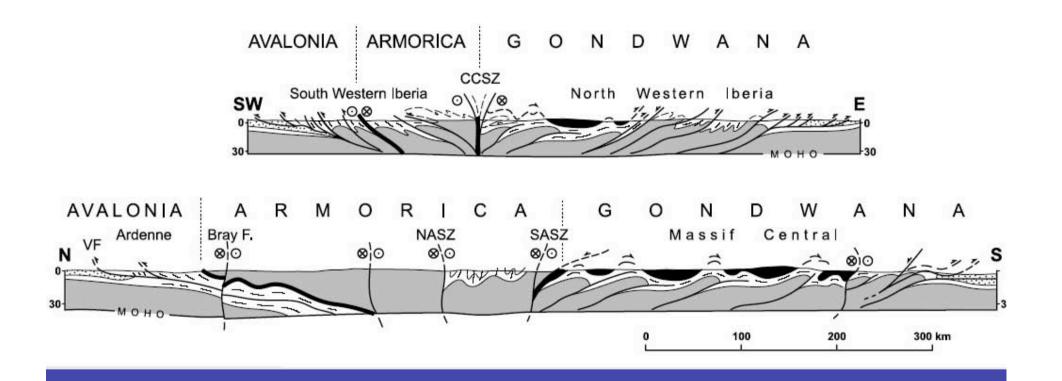


Fig. 1 Relative (not palaeolatitudinal) Permian (at 280 Ma) assembly of the continents showing the Palaeozoic belts. Yello 400–250 Ma; orange, 450–400 Ma (best fit after J.L. Olivet, pers. comm.).

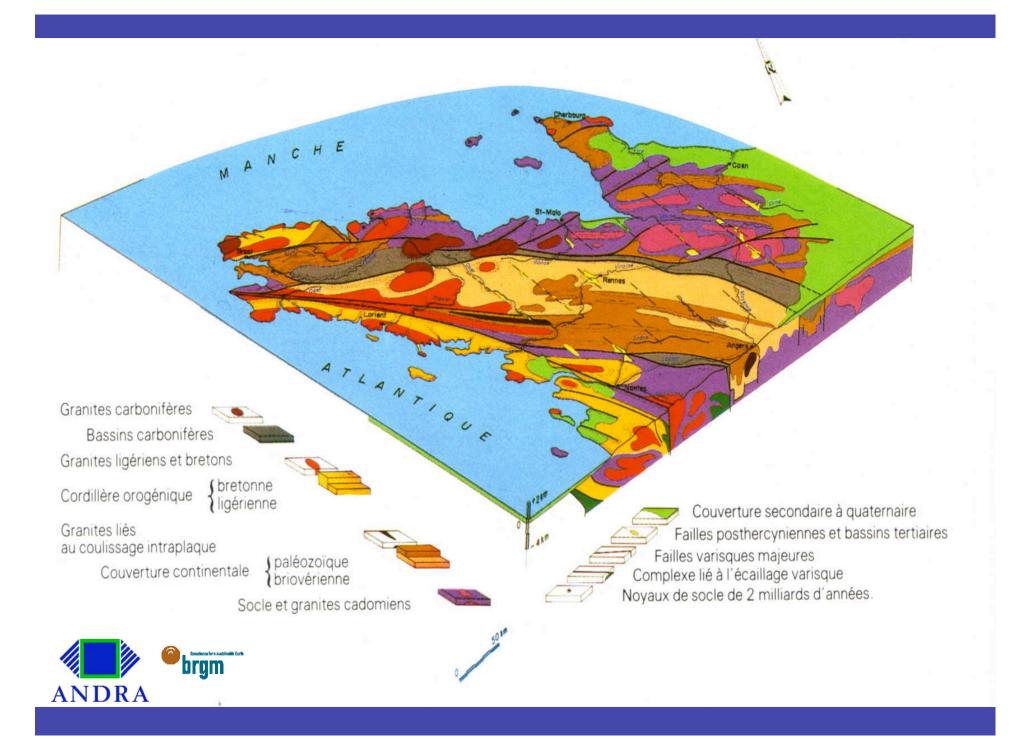
P. Matte (2001) Terra Nova . 13, n° 2, 122-128,

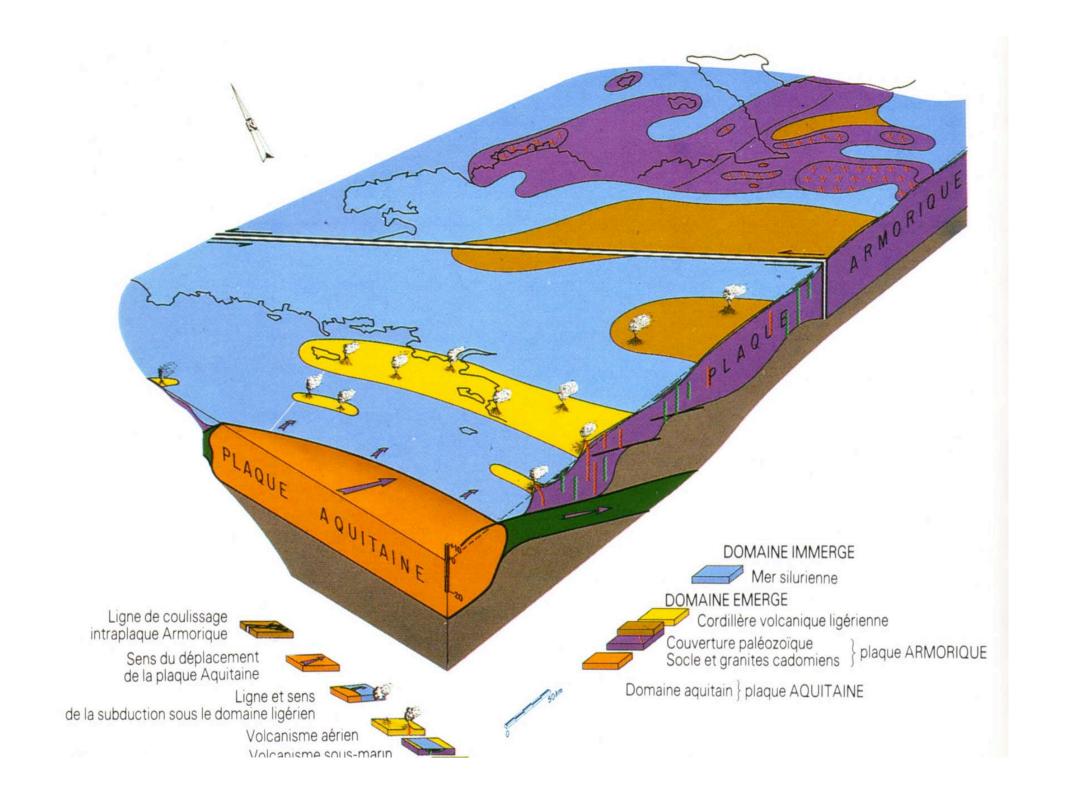


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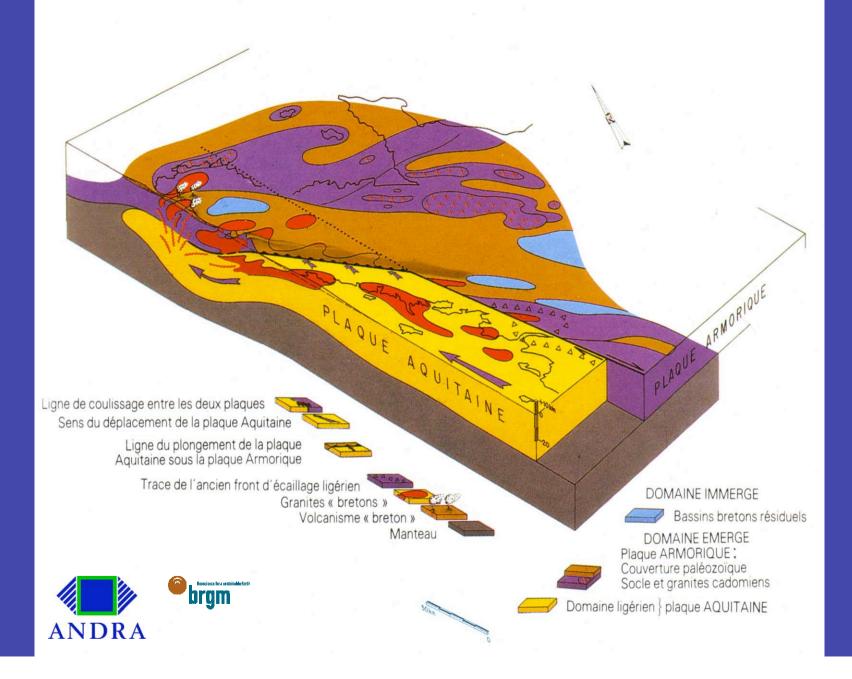


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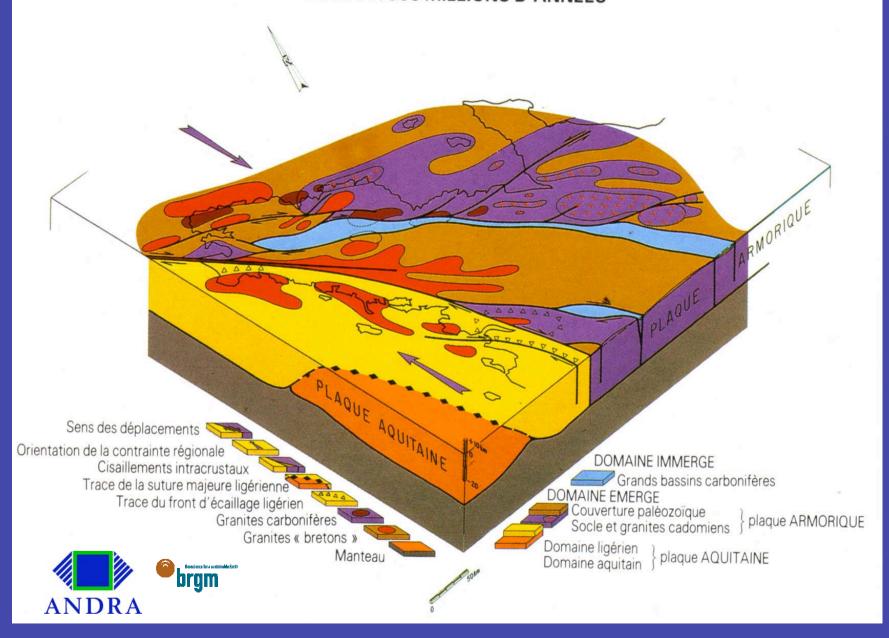


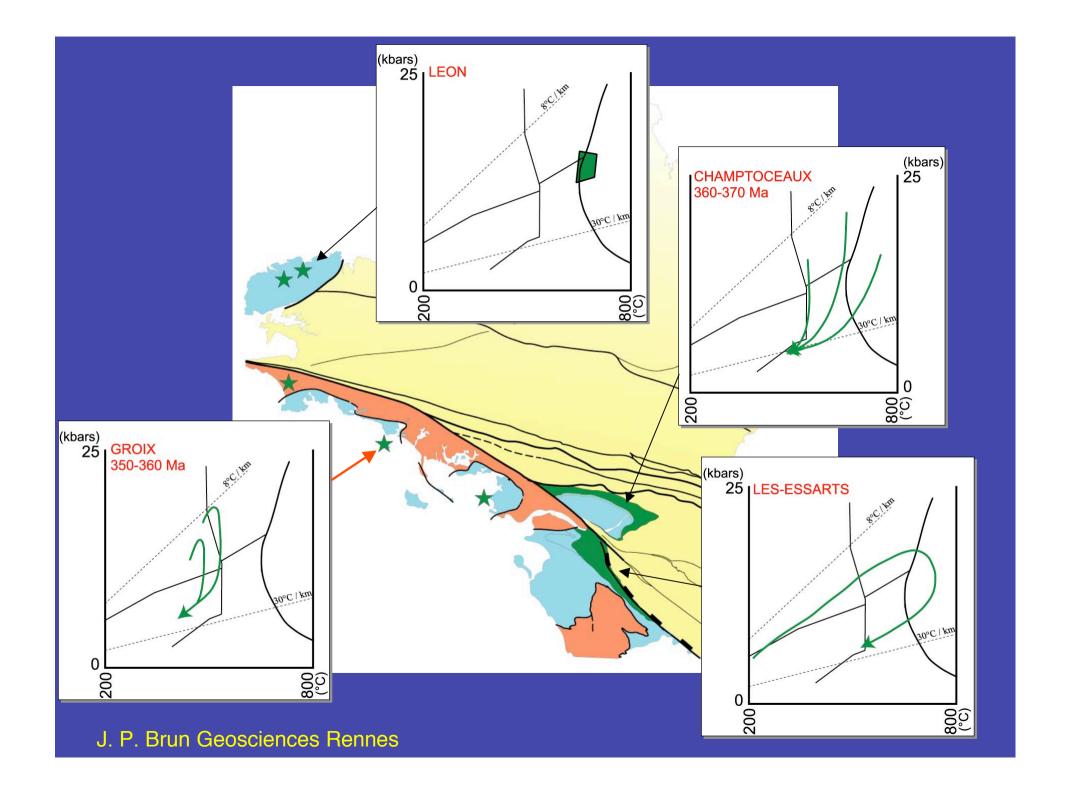


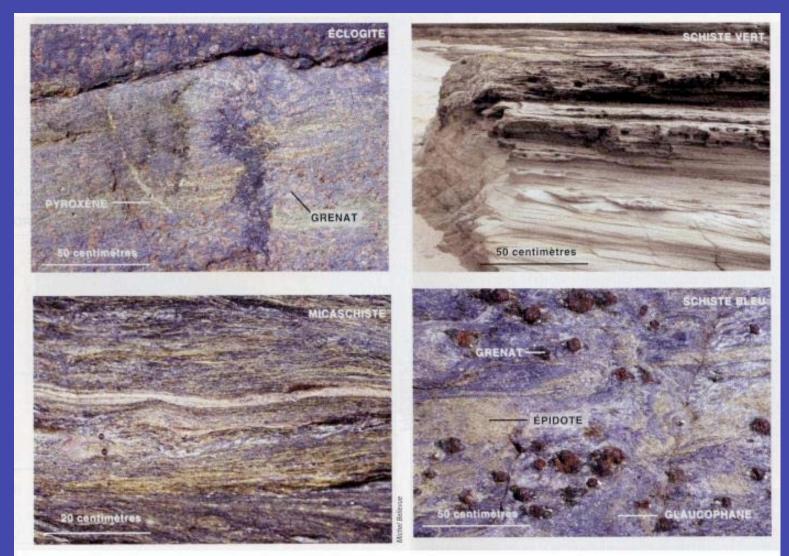
LE PAROXYSME DE 340 A 330 MILLIONS D'ANNEES



LES BASSINS CARBONIFERES DE 330 A 300 MILLIONS D'ANNEES

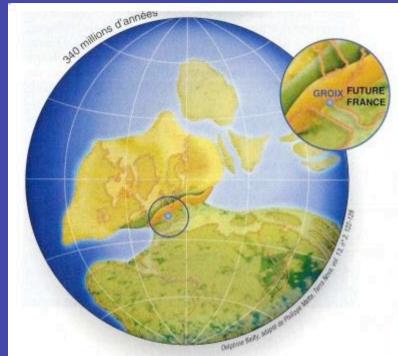






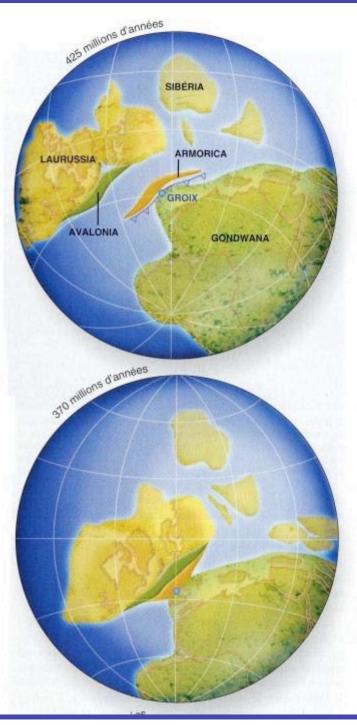
QUELQUES ROCHES METAMORPHIQUES CARACTERISTIQUES DE L'ÎLE DE GROIX

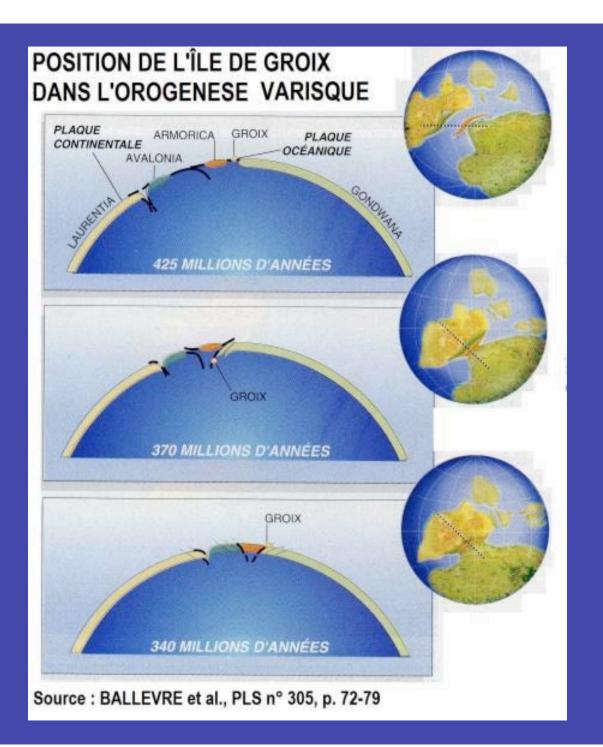
Source: BALLEVRE et al., PLS, n° 305, p.72-79

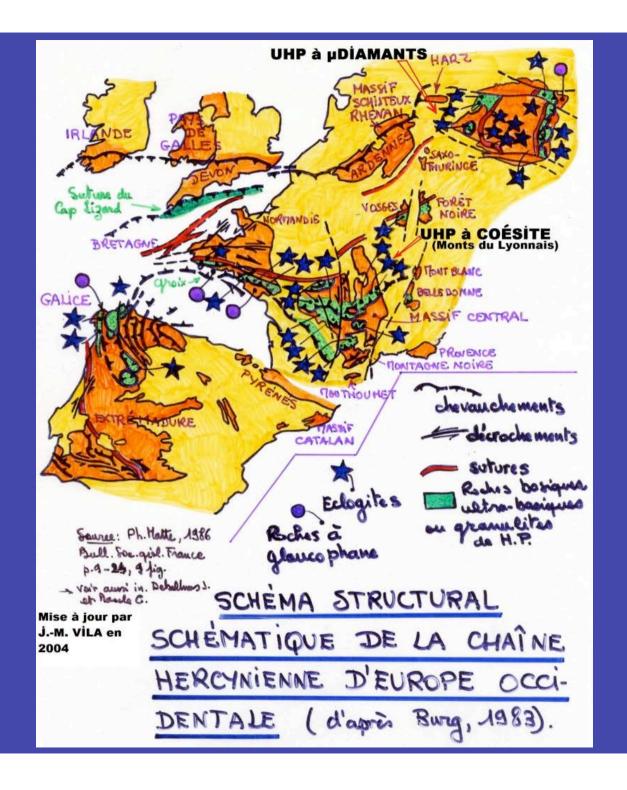


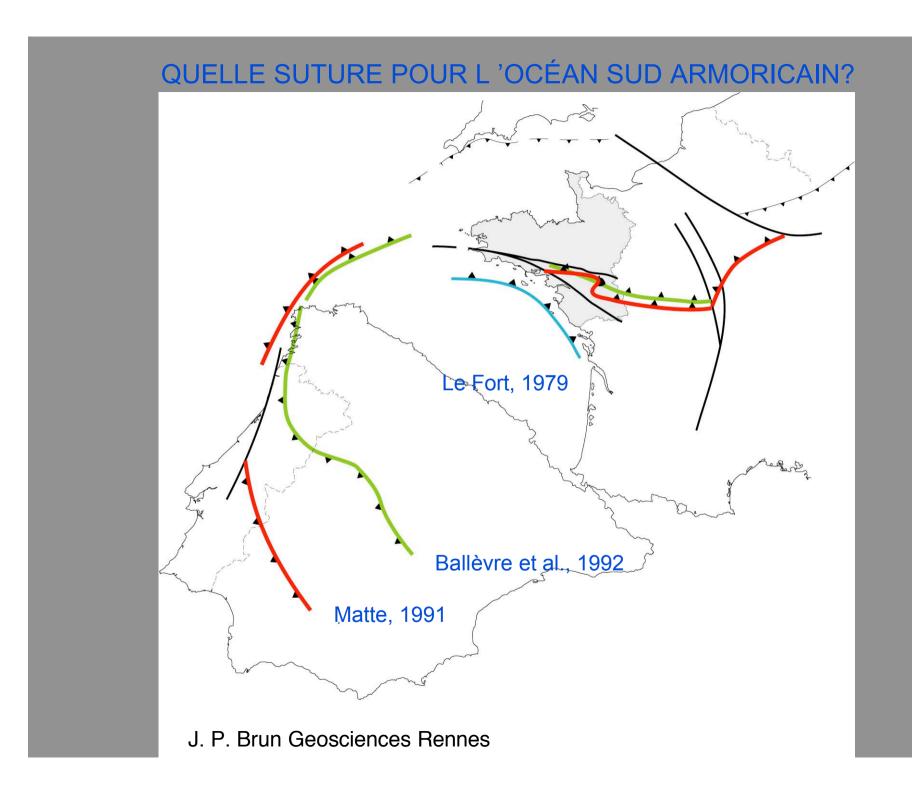
POSITION DE L'ÎLE DE GROIX DANS L'OROGENESE HERCYNIENNE

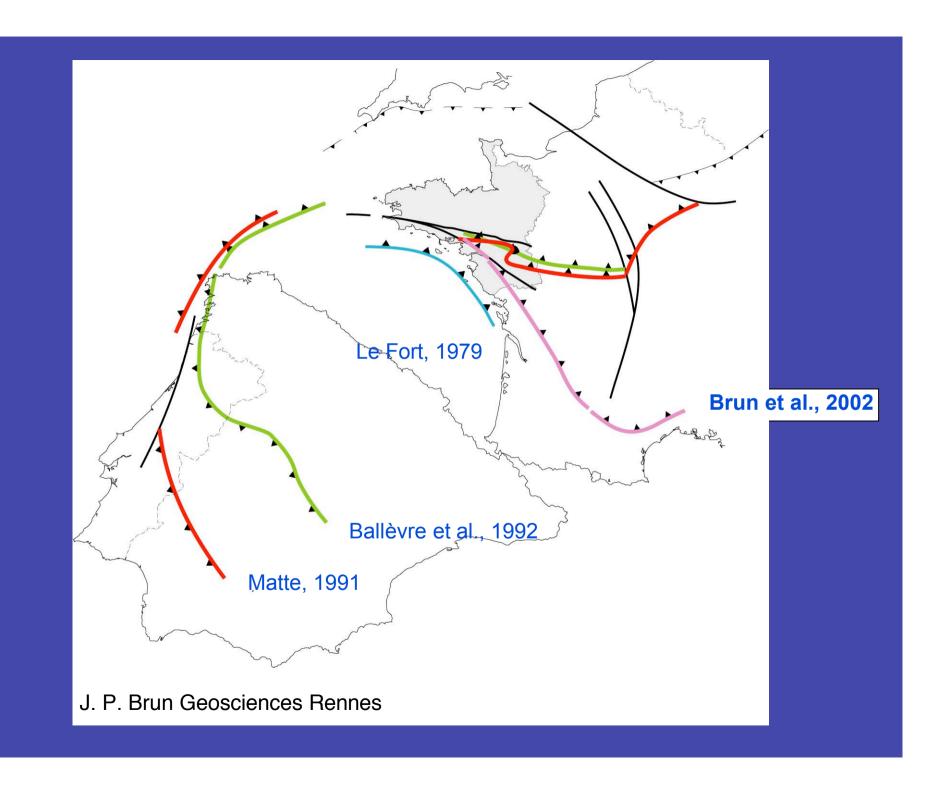
SOURCE : BALLEVRE et al., PLS, n° 305, p. 72-79.





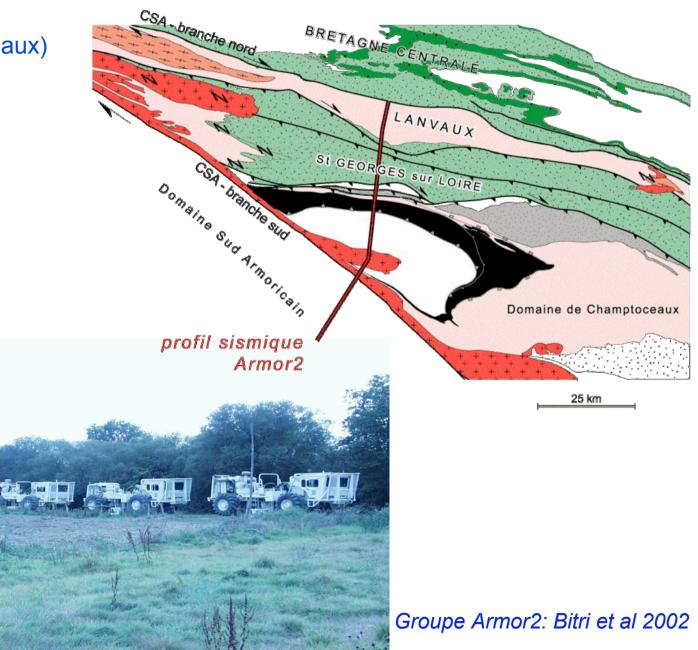






Implications: la bordure Sud

(Bloc de Champtoceaux)



Le CSA ne se prolonge pas jusqu 'au Moho

Les unités de HP de Champtoceaux sont segmentées par des chevauchements à vergence Nord

