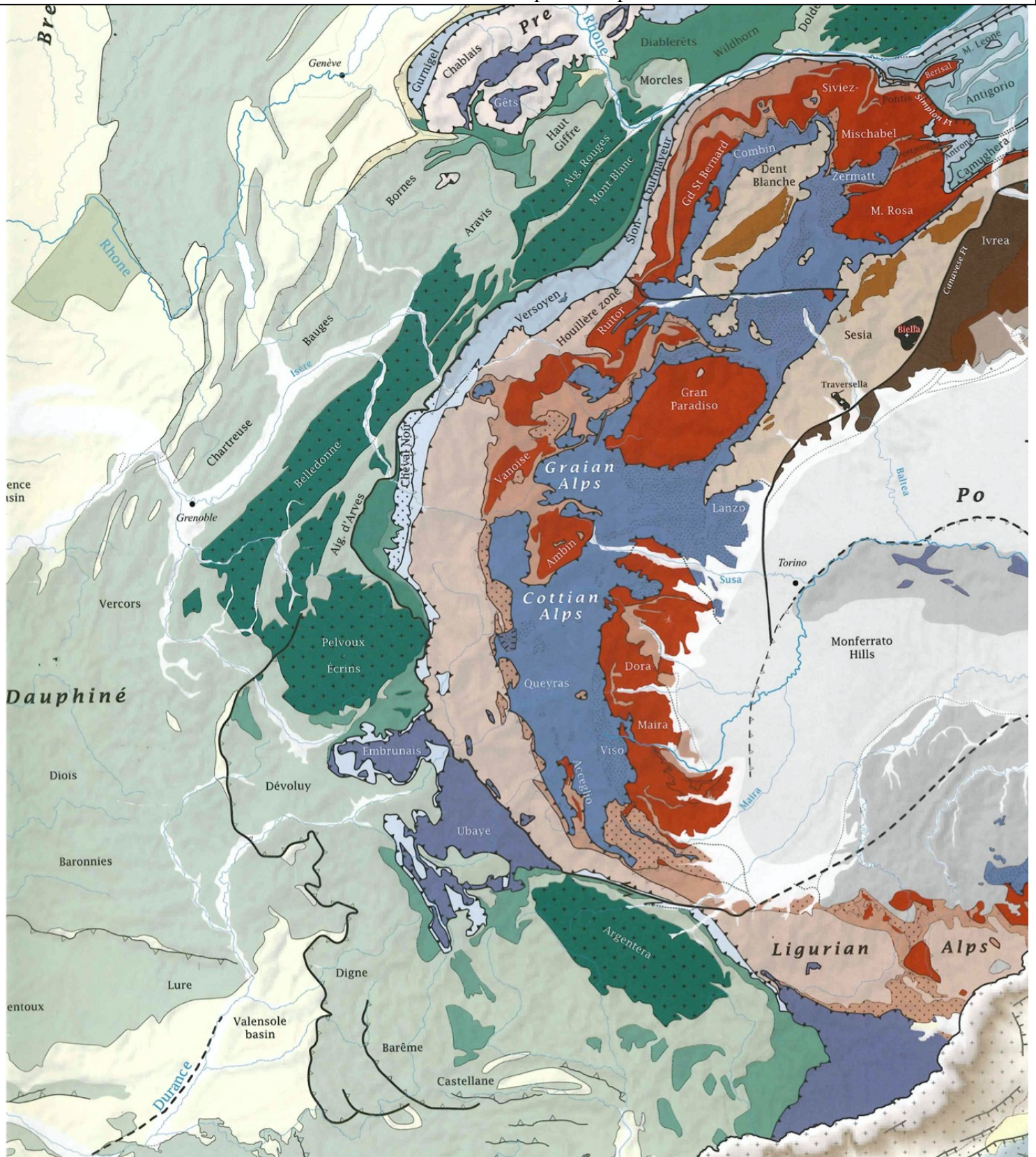









Carte du tectonique des alpes






European Continent

Helvetic nappes and Northern Alpine Foreland

	<b>European basement</b>	Variscan basement of the Alpine foreland ( <i>Vosges, Black Forest, Bohemian Massif</i> ), unaffected or only weakly deformed by Alpine orogeny.
	<b>Mesozoic cover</b>	undeformed or only very weakly deformed Permo-Mesozoic cover of the Alpine foreland
	<b>Subalpine molasse</b>	strongly deformed parts of the Molasse basin
	<b>Deformed Mesozoic</b>	Parautochthonous and autochthonous Mesozoic cover of the External Massifs; detached Mesozoic cover (e.g. <i>Dauphinois, Jura Mountains</i> )
	<b>Helvetic nappes</b>	allochthonous cover nappes (including <i>Ultra-Helvetic nappes</i> ) and rare basement slices (e.g. <i>Combeynot and Tavetsch "massifs"</i> )
	<b>Helvetic flysch</b>	allochthonous or parautochthonous flysch units detached from the external massifs and their Mesozoic cover
	<b>External Massifs</b>	basement highs of the northern Alpine foreland exposing Variscan basement only weakly affected by Alpine metamorphism




Metamorphic nappes derived from the distal European margin

	<b>Metamorphic cover</b>	Alpine metamorphic Permo-Mesozoic cover of former Variscan basement
	<b>Pre-alpine basement</b>	pre-Permian basement reworked by Alpine metamorphism and forming Alpine basement nappes (e.g. <i>Gottthard "massif", Lepontine dome, Zentralgneiss of the Tauern window</i> )
	<b>Eclogitic units</b>	slices of the distal European margin affected by eclogite facies metamorphism (e.g. <i>Adula "nappe", Eclogite Zone of Tauern window</i> )







Alpine Tethys

Valais Ocean and related rocks

(north of Briançonnais-Iberia-microcontinent)



	<b>Cheval Noir</b>	Cenozoic flysch sealing an accretionary prism ( <i>Cheval Noir Flysch</i> )
	<b>Sub-Briançonnais</b>	Mesozoic (Trias to Cretaceous) continental margin sediments, occurring pinched between the Briançonnais domain and the European continent
	<b>Valais Ocean</b>	slices derived from Valais Ocean ophiolites and from the ocean-continent transition zone; mostly Bündnerschiefer (schistes lustrés) and prasinites, rare ophiolites

Briançonnais-Iberia microcontinent

	<b>Cover nappes</b>	detached Mesozoic cover of the Briançonnais paleogeographic domain
	<b>Zone Houillère</b>	inverted and detached larger Permo-Carboniferous troughs ( <i>Zone Houillère</i> ) and volcanics rocks including their Mesozoic cover
	<b>Briançonnais cover</b>	Mono-metamorphic Permo-Carboniferous and Mesozoic cover of the Briançonnais basement nappes
	<b>Distal cover</b>	Mono-metamorphic cover of the Briançonnais distal margin (e.g. <i>Pre-Piemontais, Barhorn serie</i> )
	<b>Basement nappes</b>	Variscan basement nappes and post-variscan magmatic intrusions, affected by Alpine HP metamorphism
	<b>Variscan basement</b>	Variscan basement unaffected by Alpine metamorphism ( <i>Corsica</i> )

Piemont-Liguria Ocean

(south of Briançonnais-Iberia-microcontinent)

	<b>Western branch</b>	ophiolites, Bündnerschiefer (schistes lustrés) & ophiolitic mélange involved in Alpine orogeny and forming the lower plate and/or the accretionary prism during Alpine orogeny
	<b>Eastern branch</b>	ophiolitic olistostrome and mélange and overlying sedimentary cover including flysch forming the upper plate during Alpine orogeny, often involved in Apenninic orogeny only ( <i>External Ligurides of Apennines</i> )