Carte du tectonique des alpes

European Continent

Helvetic nappes and Northern Alpine Foreland

European baseme	Note That Variscan basement of the Alpine foreland (Vosges, Black Forest, Bohemian Massif), unaffected or only weakly deformed by Alpine orogeny.			
Mesozoic cover	undeformed or only very weakly deformed Permo-Mesozoic cover of the Alpine foreland			
Subalpine molasse	strongly deformed parts of the Molasse basin			
Deformed Mesozo	Parautochthonous and autochthonous Mesozoic cover of the External Massifs; detached Mesozoic cover (e.g. <i>Dauphinois, Jura Mountains</i>)			
Helvetic nappes	allochthonous cover nappes (including <i>Ultra-Helvetic nappes</i>) and rare basement slices (e.g. <i>Combeynot and Tavetsch "massifs"</i>)			
Helvetic flysch	allochthonous or parautochthonous flysch units detached from the external massifs and their Mesozoic cover			
External Massifs	basement highs of the northern Alpine foreland exposing Variscan basement only weakly affected by Alpine metamorphism			
Metamorphic nappes derived from the distal European margin				
Metamorphic cove	r Alpine metamorphic Permo-Mesozoic cover of former Variscan basement			
Pre-alpine basemen	nt pre-Permian basement reworked by Alpine metamorphism and forming Alpine basement nappes (e.g. Gotthard "massif", Lepontine dome, Zentralgneiss of the Tauern window)			
Eclogitic units	slices of the distal European margin affected by eclogite facies metamorphism (e.g. Adula "nappe", Eclogite Zone of Tauern window)			

Alpine Tethys

Valais Ocean and related rocks

(north of Briançonnais-Iberia-microcontinent)

(north of Briançonnais-Iberia-microcontinent)				
		Cheval Noir	Cenozoic flysch sealing an accretionary prism (Cheval Noir Flysch)	
		Sub-Briançonnais	Mesozoic (Trais to Cretaceous) continental margin sediments, occurring pinched between the Briançonnais domain and the European continent	
		Valais Ocean	slices derived from Valais Ocean ophiolites and from the ocean-continent transition zone; mostly Bündnerschiefer (schistes lustrés) and prasinites, rare ophiolites	
Briançonnais-Iberia microcontinent				
		Cover nappes	detached Mesozoic cover of the Briançonnais paleogeographic domain	
		Zone Houllière	inverted and detached larger Permo-Carboniferous troughs (Zone Houillère) and volcanics rocks including their Mesozoic cover	
		Briançonnais cover	Mono-metamorphic Permo-Carboniferous and Mesozoic cover of the Briançonnais basement nappes	
		Distal cover	Mono-metamorphic cover of the Briançonnais distal margin (e.g. Pre-Piemontais, Barhorn serie)	
		Basement nappes	Variscan basement nappes and nost-variscan magnatic intrusions	

affected by Alpine HP metamorphism

Variscan basement Variscan basement unaffected by Alpine metamorphism (Corsica)

Piemont-Liguria Ocean

(south of Briançonnais-Iberia-microcontinent)

Western branch	ophiolites, Bündnerschiefer (schistes lustrés) & ophiolitic mélange involved in Alpine orogeny and forming the lower plate and/or the accretionary prism during Alpine orogeny
Eastern branch	ophiolitic olistostrome and mélange and overlying sedimentary cover including flysch forming

the upper plate during Alpine orogeny, often involved in Apenninic orogeny only (External Ligurides of Apennines)