

STAGE	FORMATION	TETHYAN REALM Hardenbol et al. (1998), <i>sensu gallico</i>			BOREAL REALM Hardenbol et al. (1998), <i>sensu anglico</i>					Litho- and biostratigraphic key elements of the Ajoie	
		Ammonite zones	Sequences	Ages (Ma)	Time span according to Hardenbol et al. (1998)		Sequences	Ammonites			
					690 ka	290 ka 400 ka		zones	sub-zones		horizons
Late Kimmeridgian	Reuchenette	EUDOXUS	MF	152.01	690 ka	290 ka 400 ka	Kim 6	EUDOXUS	Contejeani	Yo Contejeani	③
			MF				Kim 5		Caletanum	Quercynum Caletanum	
		ACANTHICUM	Kim 4	690 ka	290 ka 400 ka	Kim 4	MUTABILIS	Lallierianum	Schilleri Lallierianum	① — ② Marnes à <i>virgula</i> 3 Track-bearing intervals	
MF	MF	400 ka	Kim 4	Mutabilis	Mutabilis	Mutabilis Attenuatus Desmonotus Linealis	Banné Member				
Early K.		DIVISUM	Kim 3	152.70			Kim 3	CYODOCE	Chatelaillonensis	Discoidus Chatelaillonensis	
			MF				MF		Chatelaillonensis	Askeptus Manicata Aulnisa	

Fig. 1: Chrono-, bio-, and lithostratigraphic context of the Kimmeridgian of the Ajoie district showing the stratigraphic position of the Banné Member (Gygi, 2000a), the 3 track-bearing intervals, the Marnes à *virgula*, and the position of ammonites.

1: *Orthaspidoceras schilleri*, 2: *Aspidoceras longispinum*, 3: *Aspidoceras caletanum* (Modified from Marty et al., 2003).