

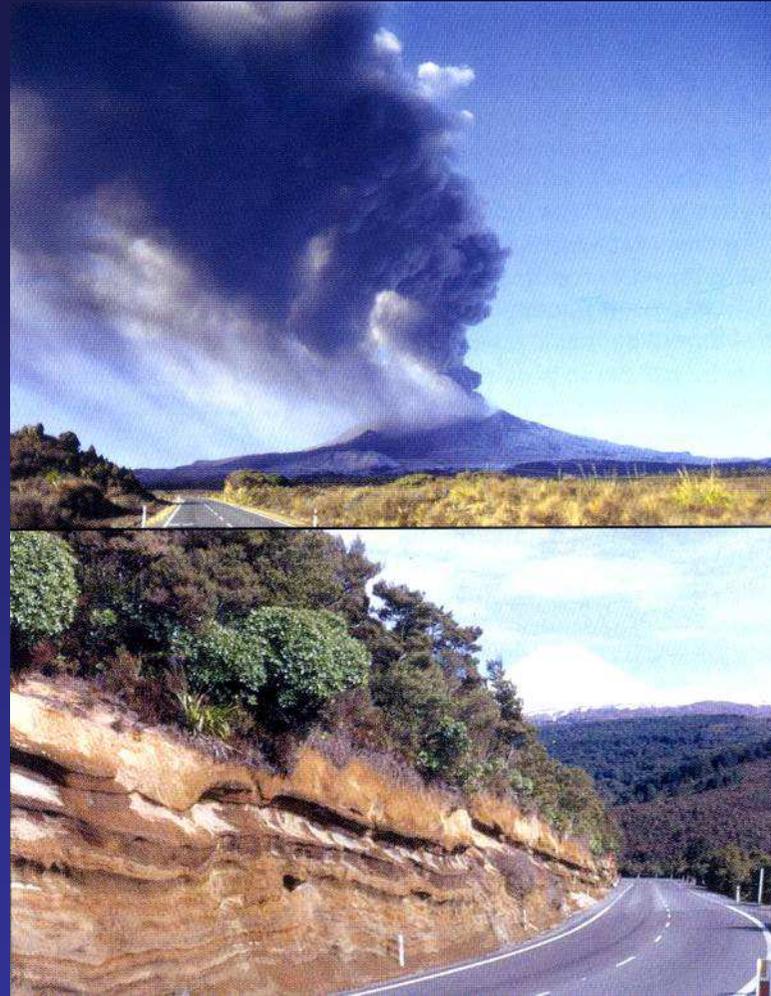


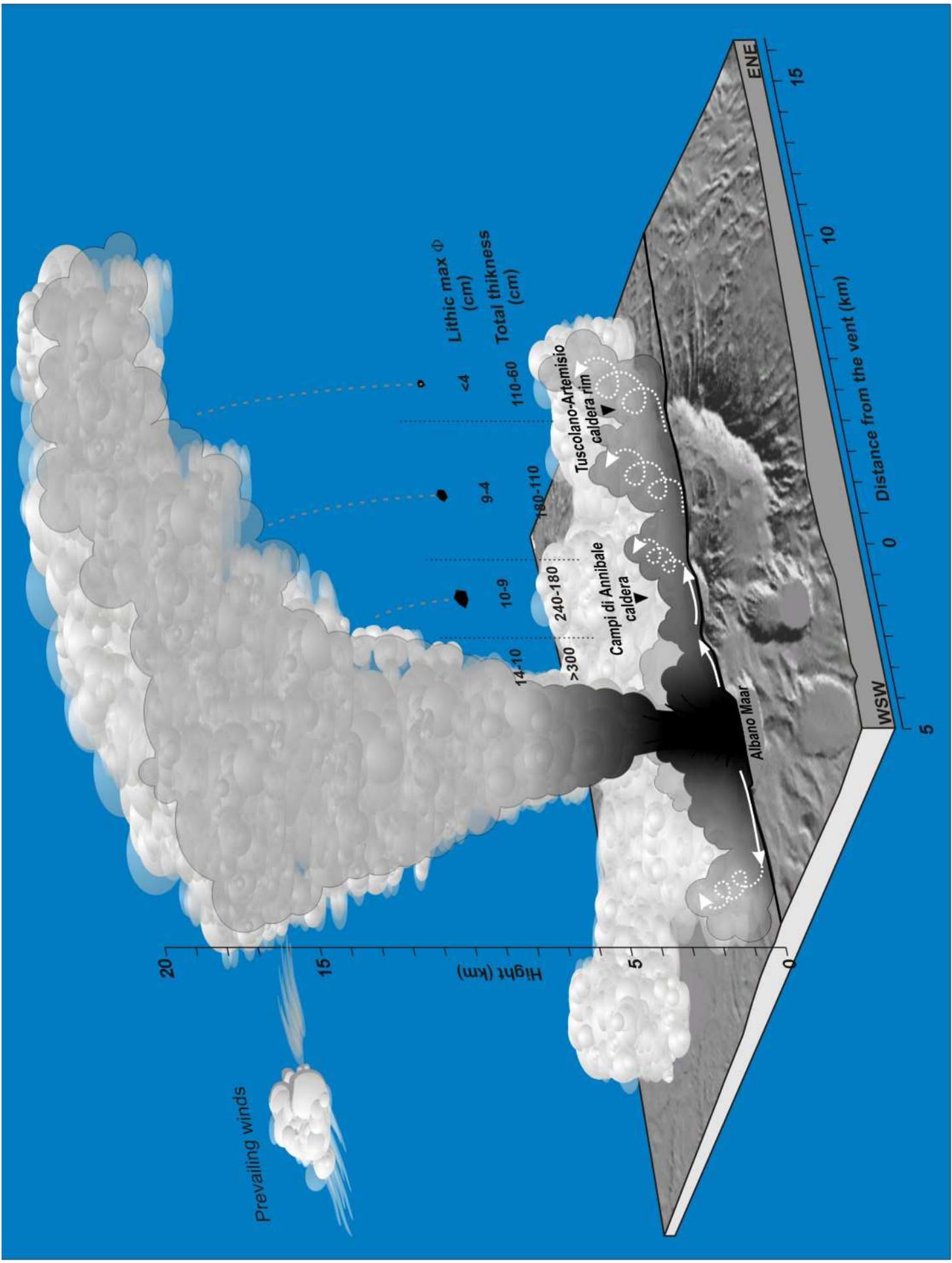
Tefra e tefrostratigrafia

Tephra



Granulo 40 μ







Sedimentary archives

Continental

Marine

Subaerial

Lacustrine

Archaeological

Tephra

Events/Processes

morpho-
pedo-
sedimentary

Climatic-
environmental

cultural

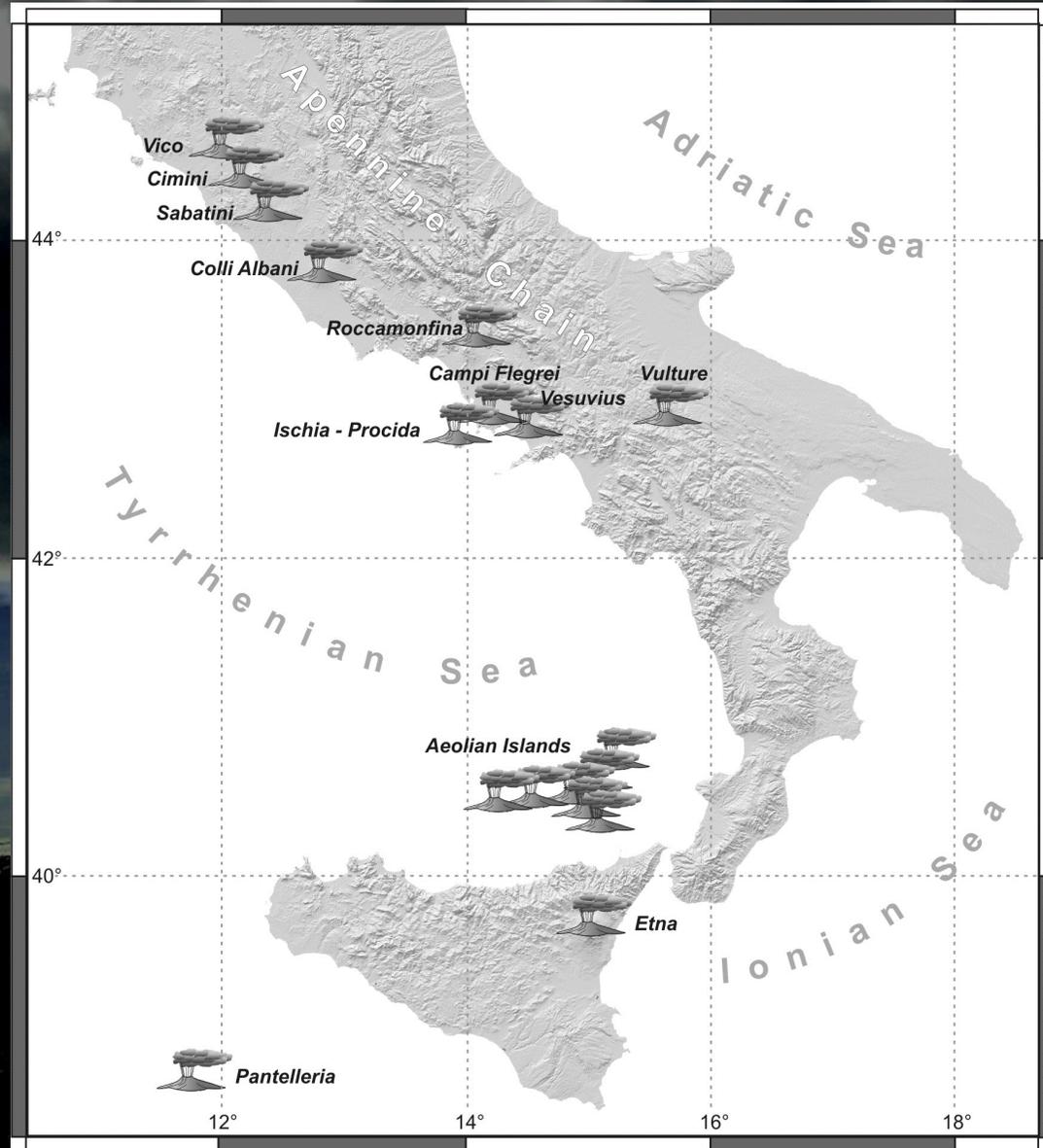
Climatic-
environmental

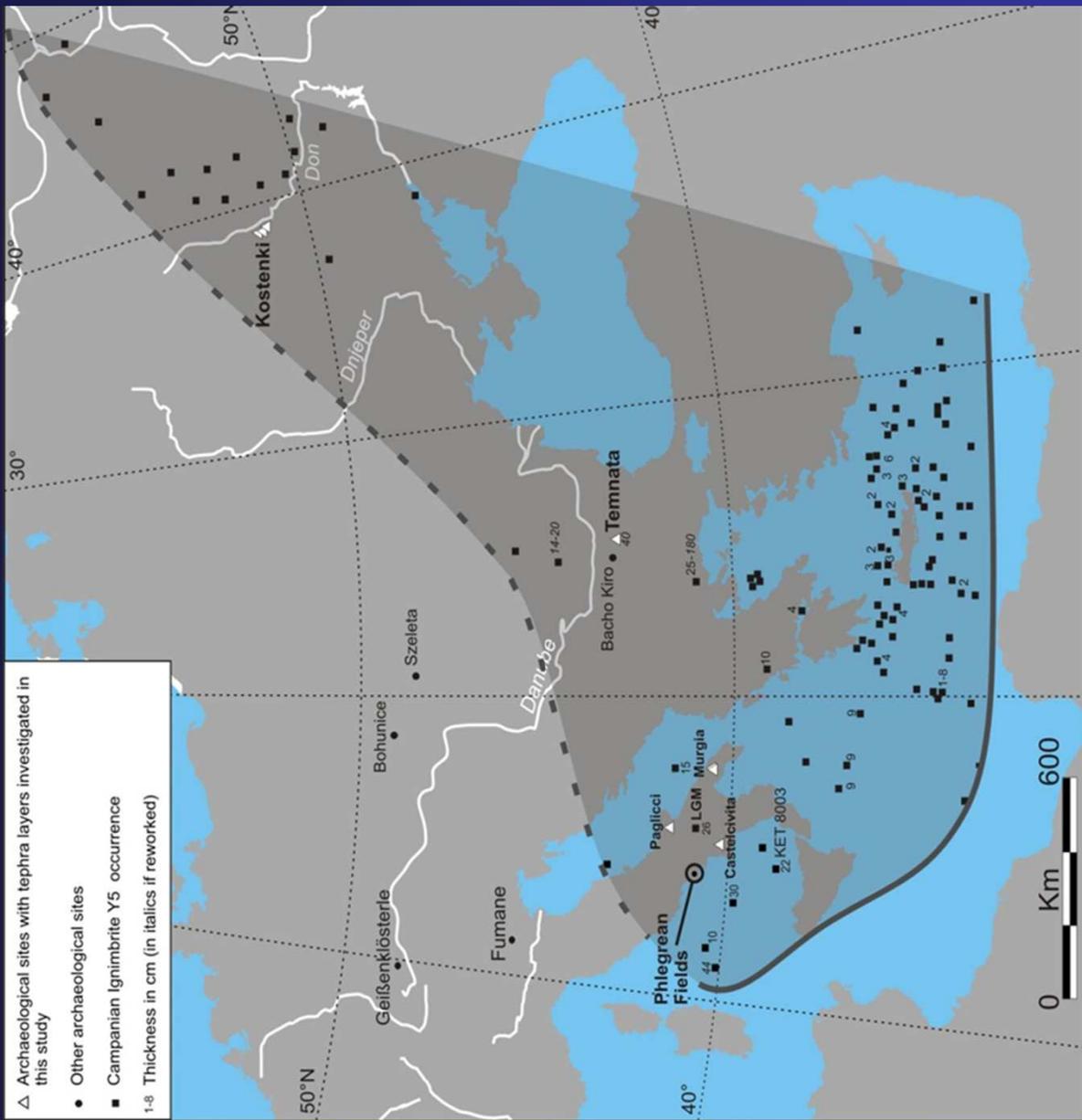
The simultaneous deposition of the tephra layers in different sedimentary settings, allows to precisely synchronise a number of events and processes recorded in the natural and archaeological archive, with significant implication in terms of evaluation of their potential interdependence

Quaternary active volcanoes in central Mediterranean area

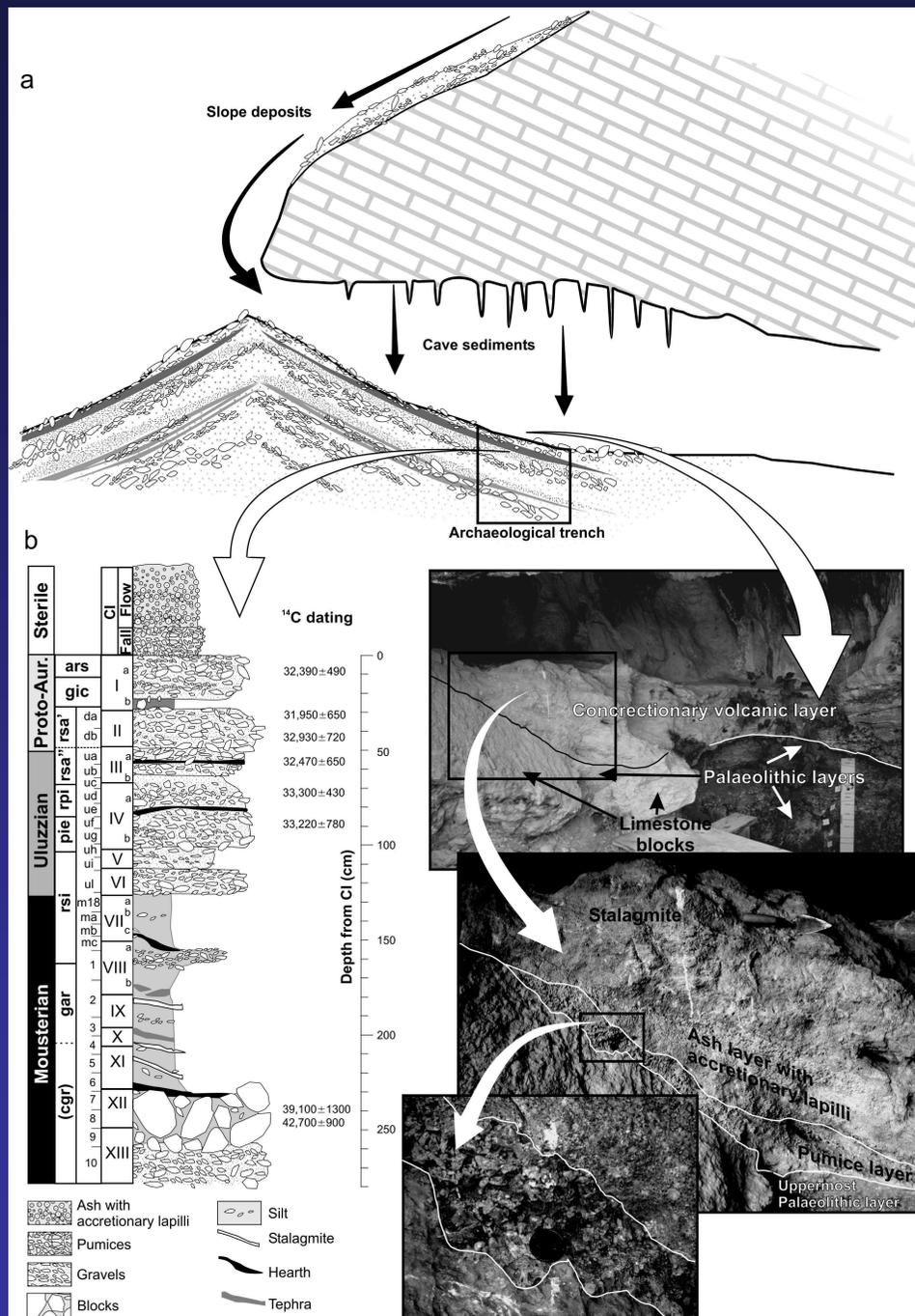
Narcisi and Vezzoli, 1999

Age ka	Sapropels	Nannof. zones	Tephra	Foram. zones	Isot. zones	For.				
50	S1	MNN 21b E. hu xley Acme	Z1	Z	1	Hol.				
			Z2	Y	2					
			Z3							
			Z4							
			Z5							
	S2	MNN 21a E. huxleyi	Y1	X	5					
			Y2							
			Y3							
			Y4							
			Y5							
S3	MNN 21a E. huxleyi	Y6	W			6				
		Y7								
		Y8								
S4	MNN 21a E. huxleyi	X1		V	7					
		X2								
		X3								
S5	MNN 21a E. huxleyi	X4					V	7		
		X5								
		X6								
S6	MNN 21a E. huxleyi	W1							V	7
		W2								
		W3								
S7	MNN 21a E. huxleyi	V1	V			7				
		V2								
		V3								
S8	MNN 20 G. oceanica	V4		V	7					
		V5								
S9	MNN 20 G. oceanica	V6					V	7		
		V7								

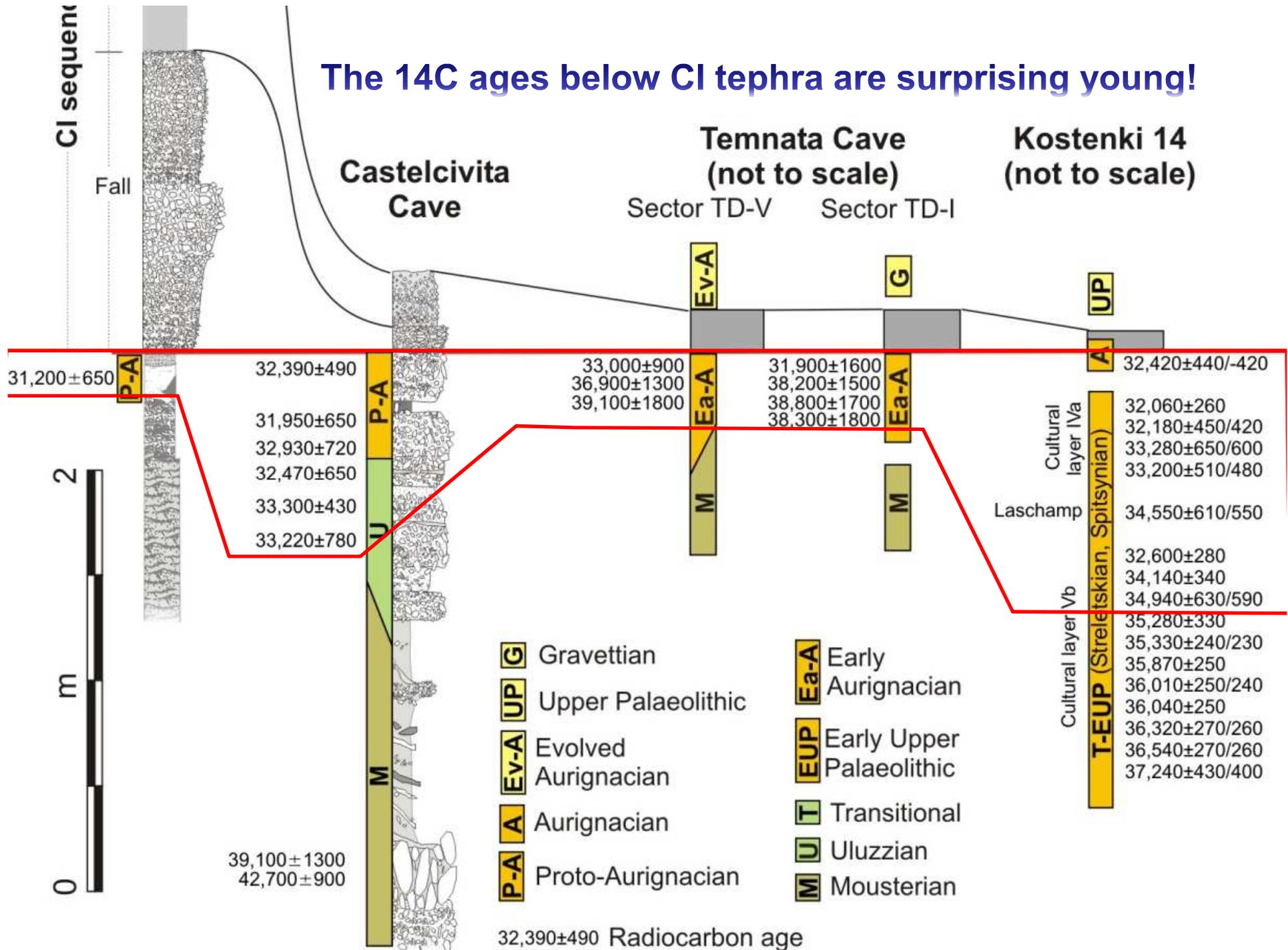




Stratigrafia Grotta di Castelcivita



The 14C ages below CI tephra are surprising young!



Effetti tephra sul clima

