

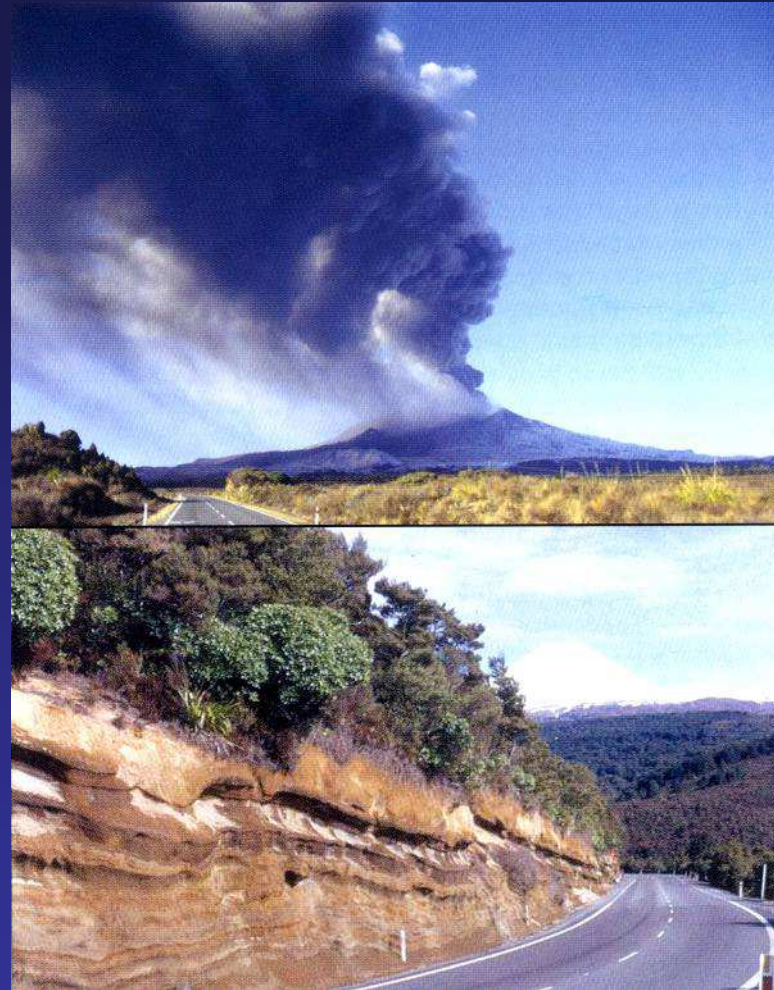


Tefra e tefrostratigrafia

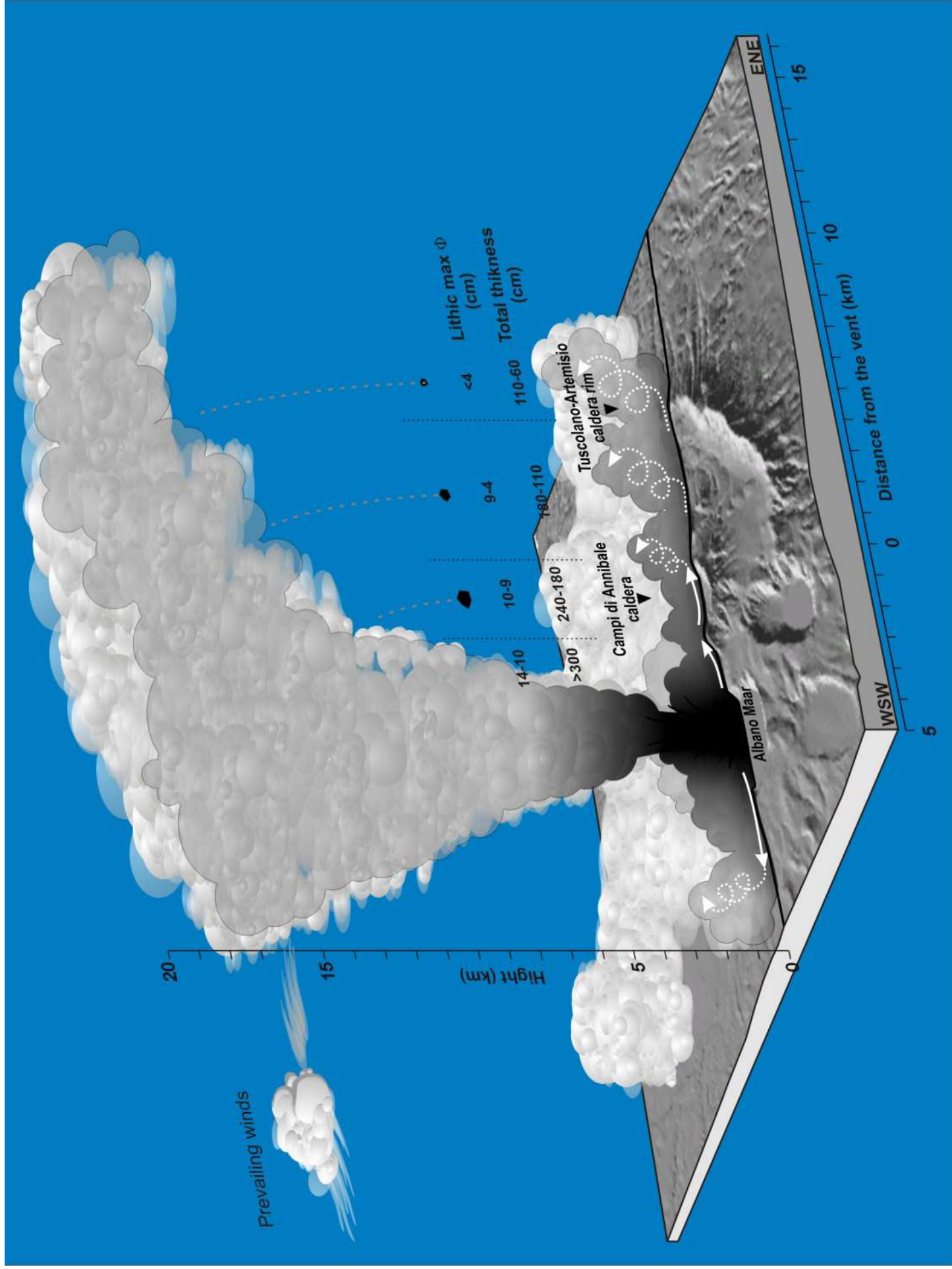
# Tephra

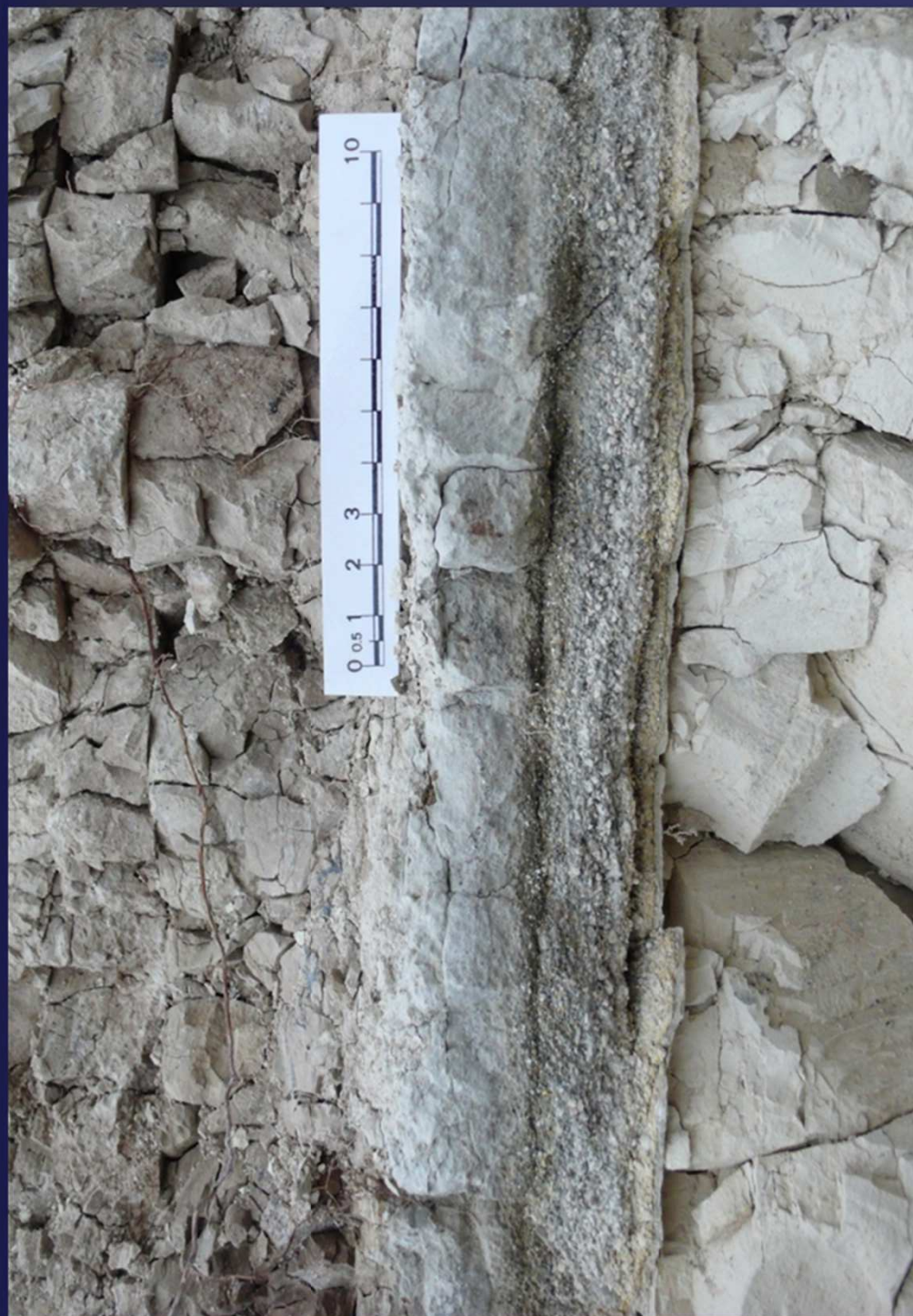


Granulo 40 $\mu$











# Sedimentary archives

Continental

Marine

Subaerial

Lacustrine

Archaeological

*Tephra*

Events/Processes

morpho-  
pedo-  
sedimentary

Climatic-  
environmental

cultural

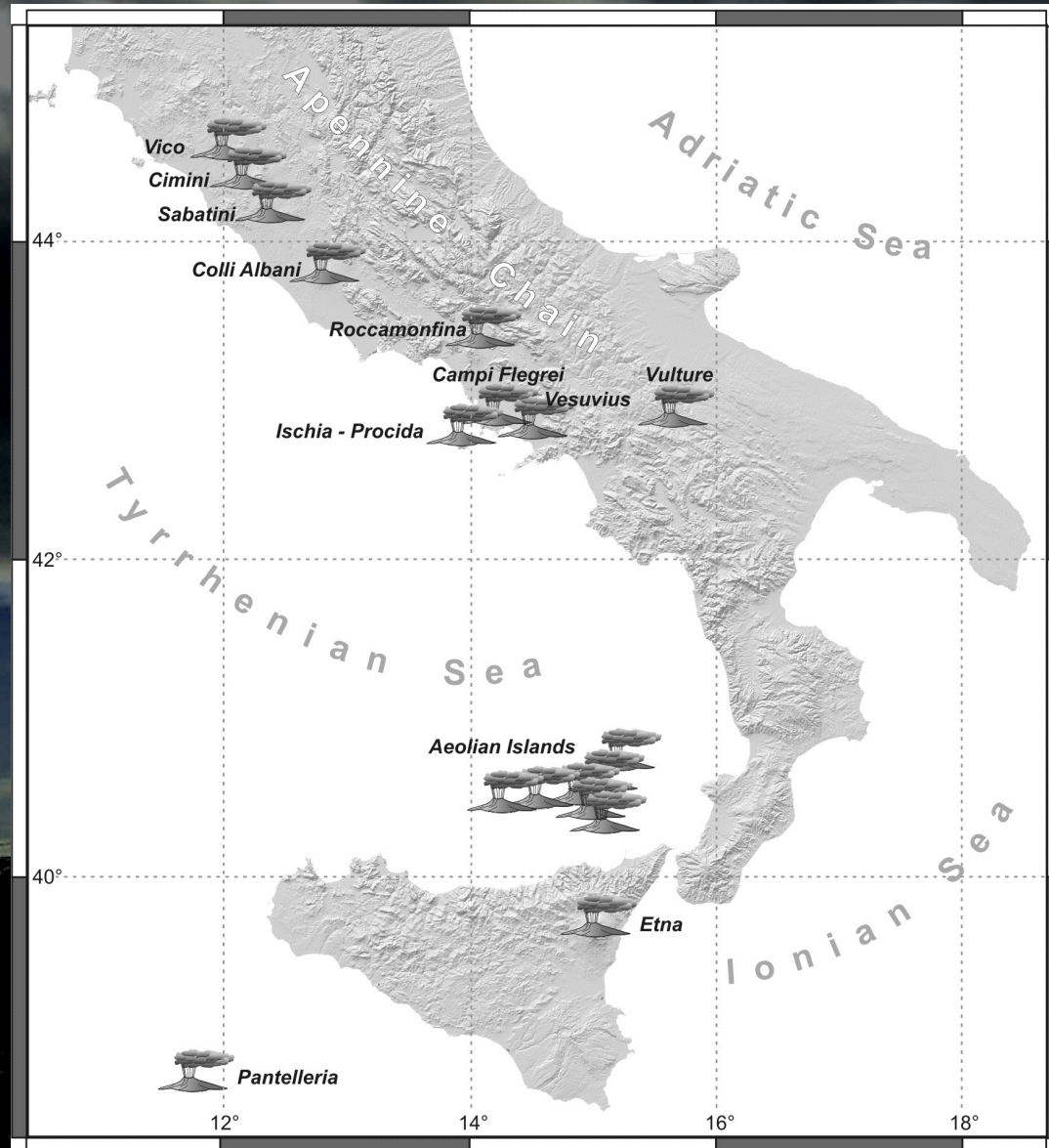
Climatic-  
environmental

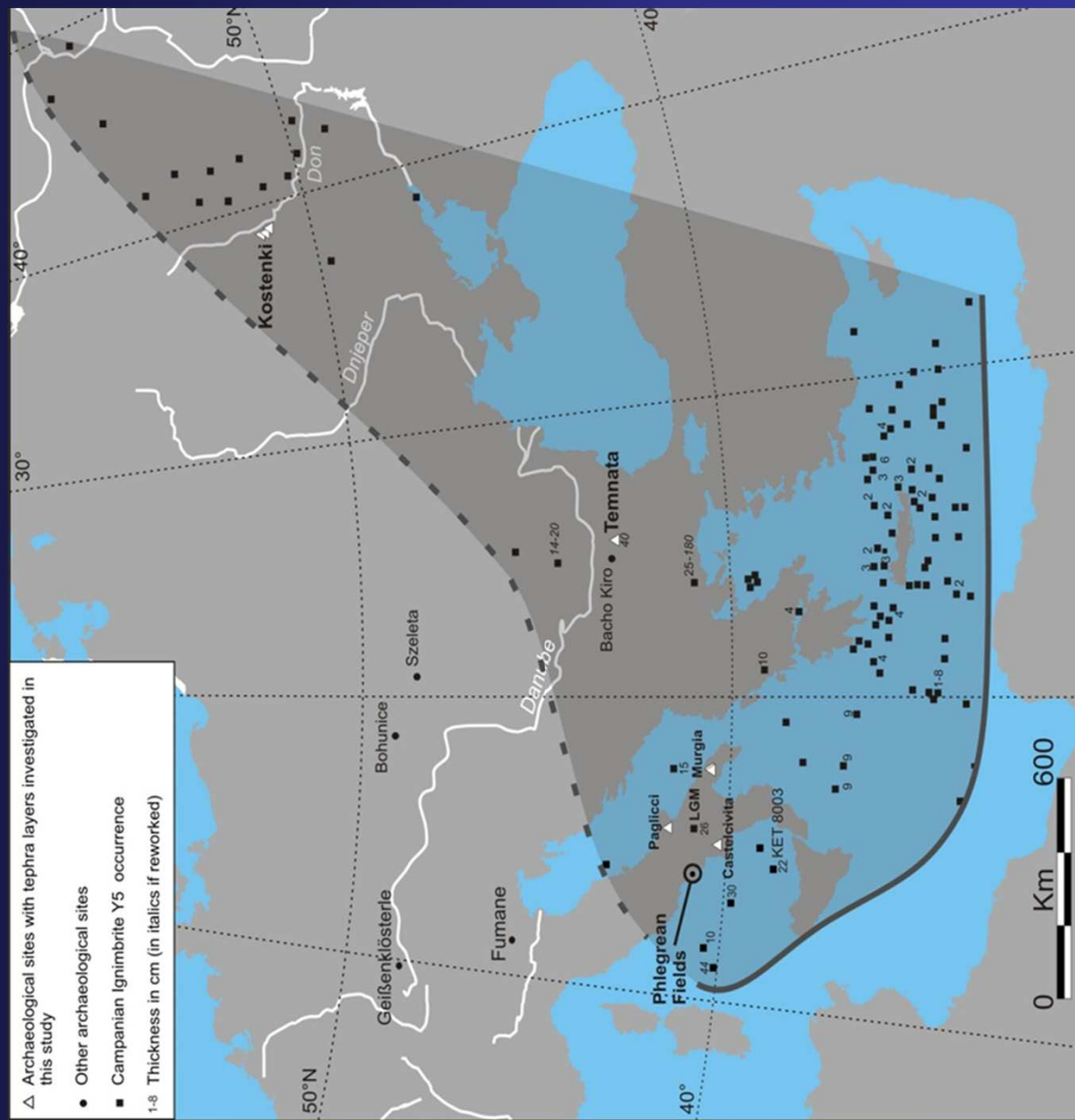
The simultaneous deposition of the tephra layers in different sedimentary settings, allows to precisely synchronise a number of events and processes recorded in the natural and archaeological archive, with significant implication in terms of evaluation of their potential interdependence

# Quaternary active volcanoes in central Mediterranean area

Narcisi and Vezzoli, 1999

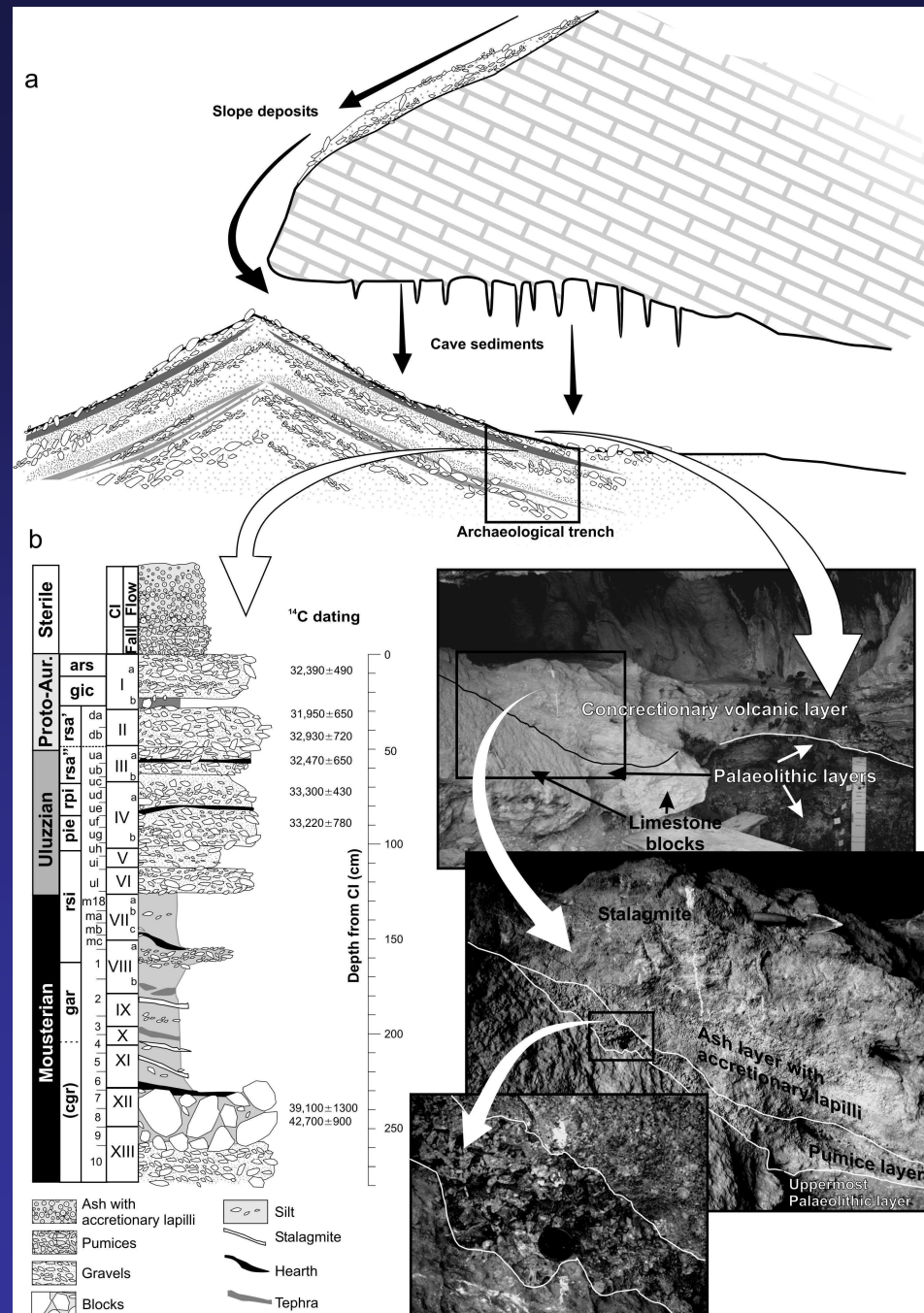
Age ka	Sapropels	Nannof. zones	Tephra	Foram. zones	Isot. zones	
	S1	MNN 21b E. hu xleyi Acme	Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8	Z Y	1 2 3	Upper Pleistocene
50	S2		X1 X2		4	
	S3		X3 X4	X	5	
100	S4	MNN 21a E. huxleyi	X5 X6			
	S5		W1 W2 W3	W	6	Middle Pleistocene
150	S6		V1 V2 V3			
	S7		V4 V5			
200	S8	MNN 20 G. oceanica		V	7	
	S9					





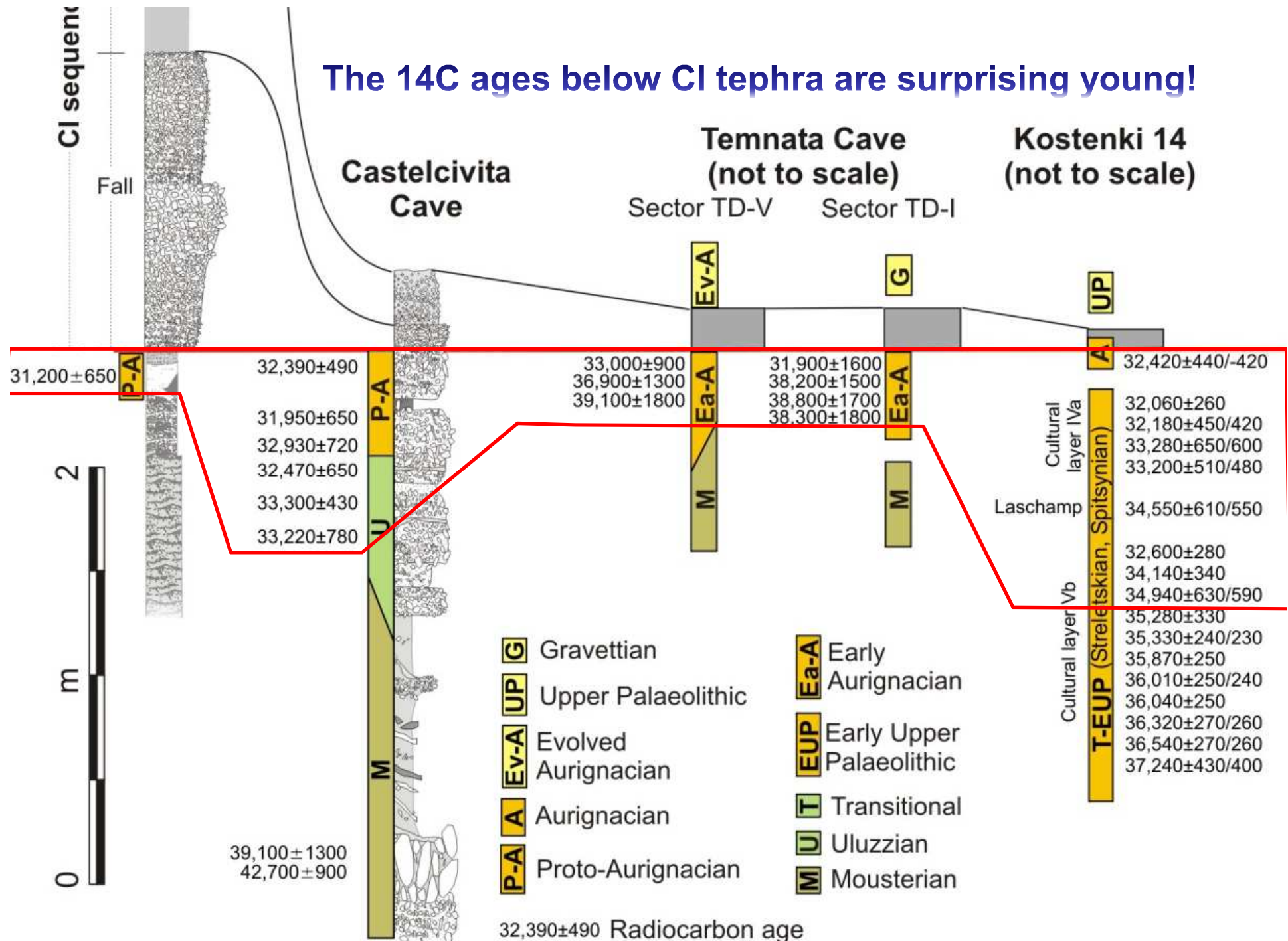


# Stratigrafia Grotta di Castelcivita





The 14C ages below CI tephra are surprising young!



# Effetti tephra sul clima

