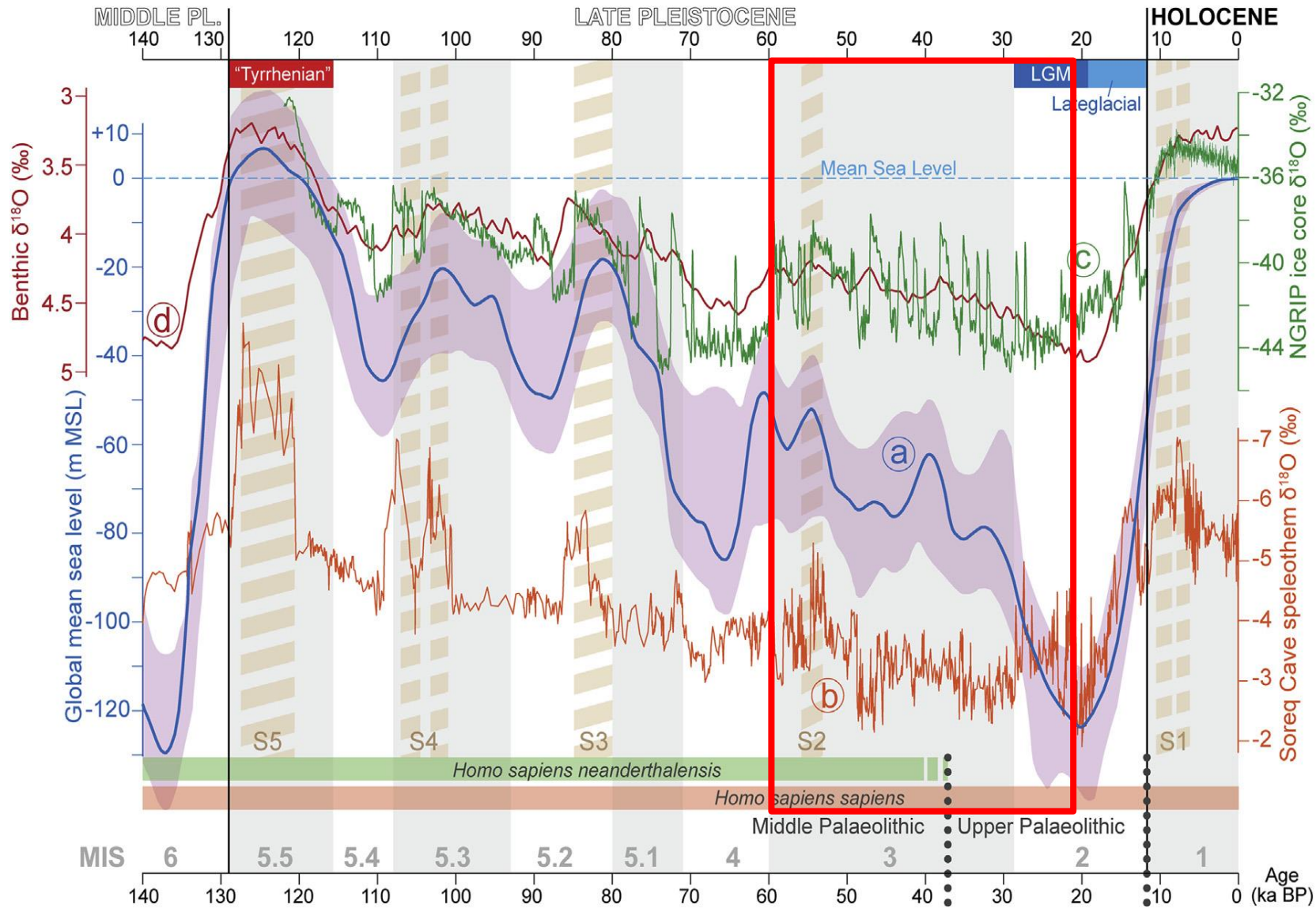
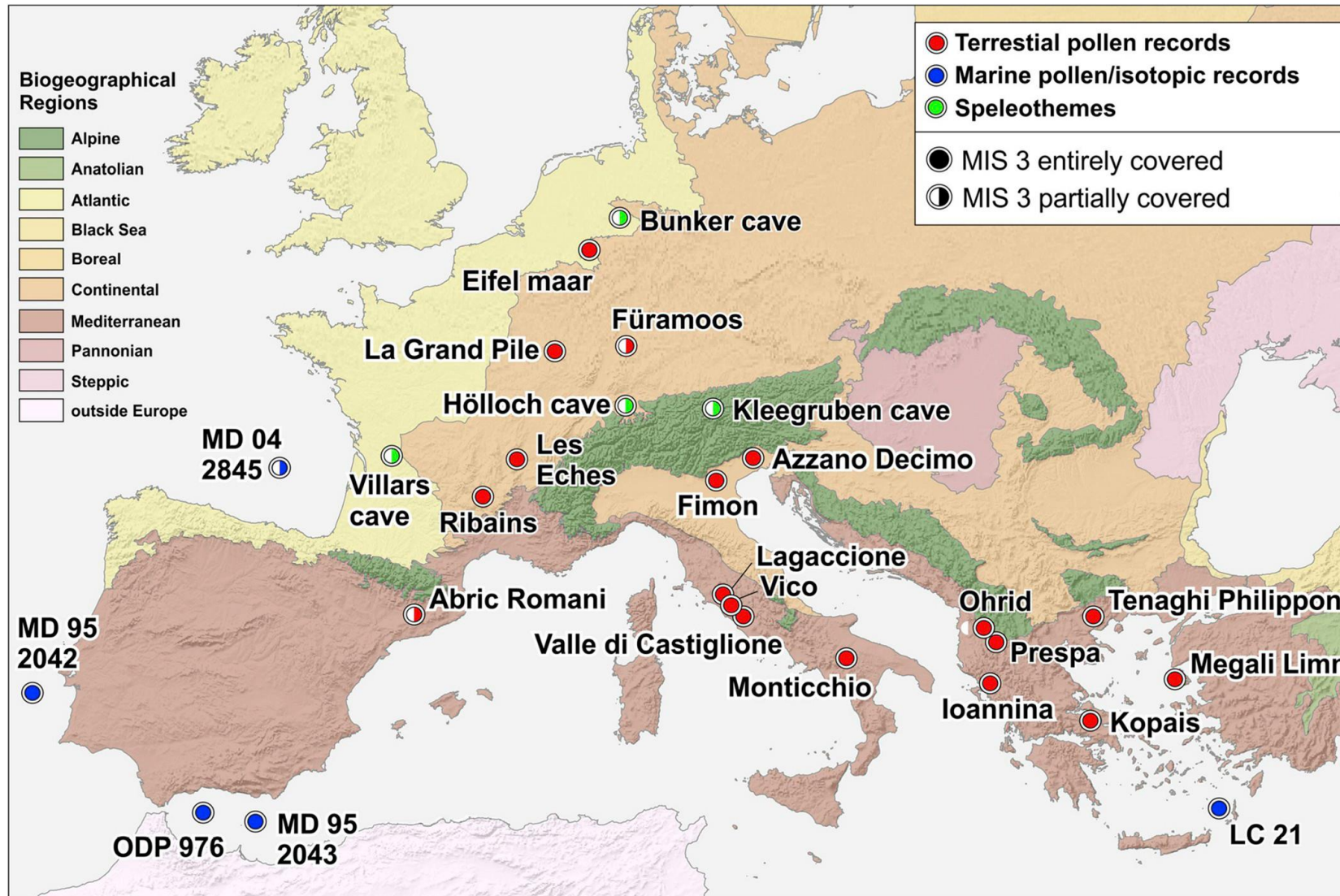


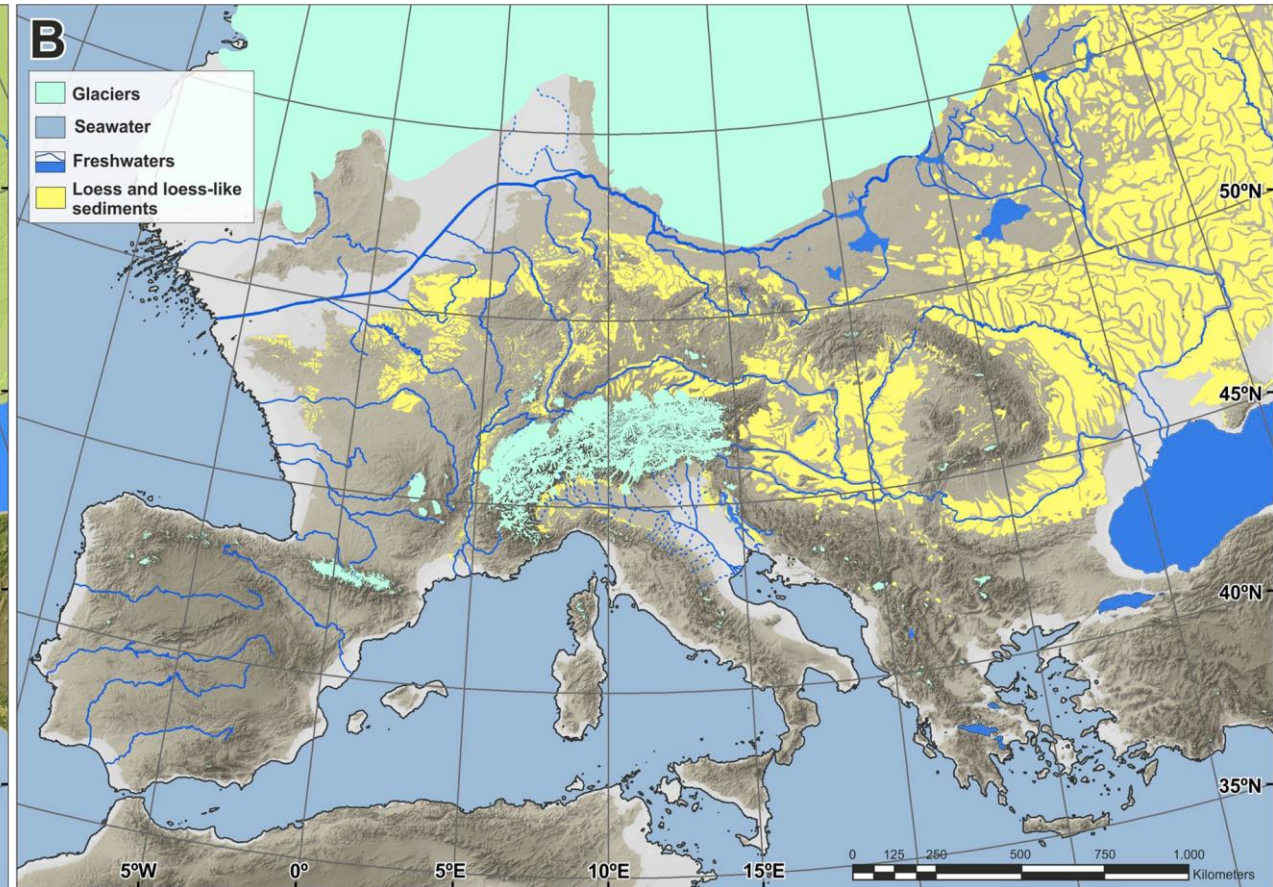
# Last Glacial-Interglacial cycle



Benjamin et al., 2017



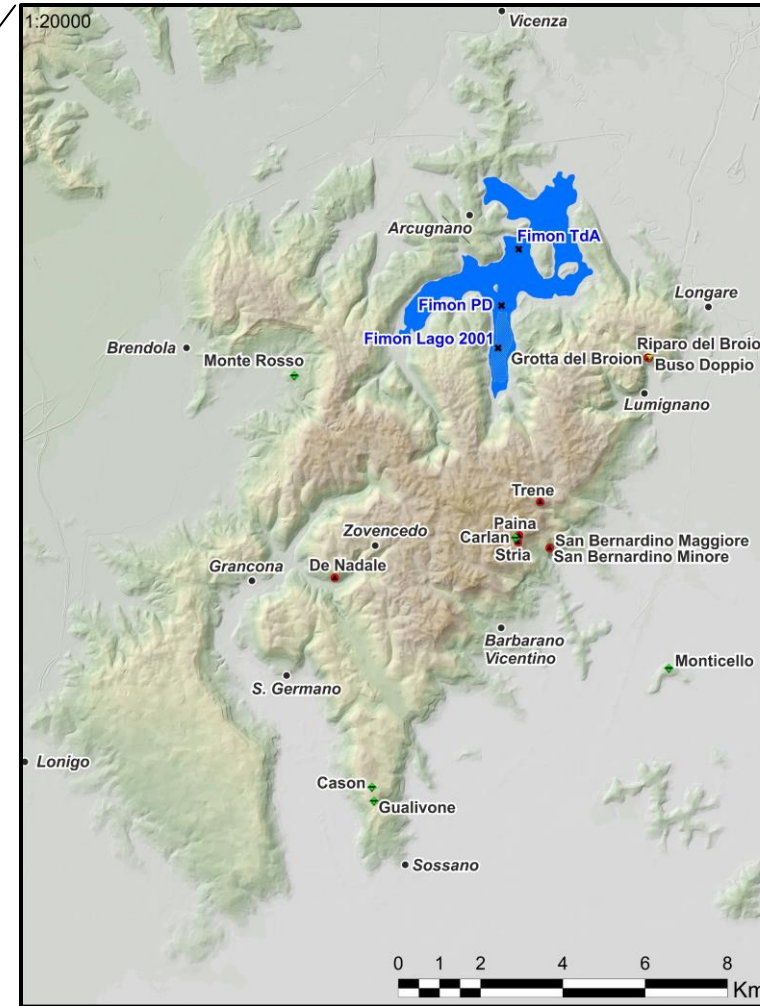
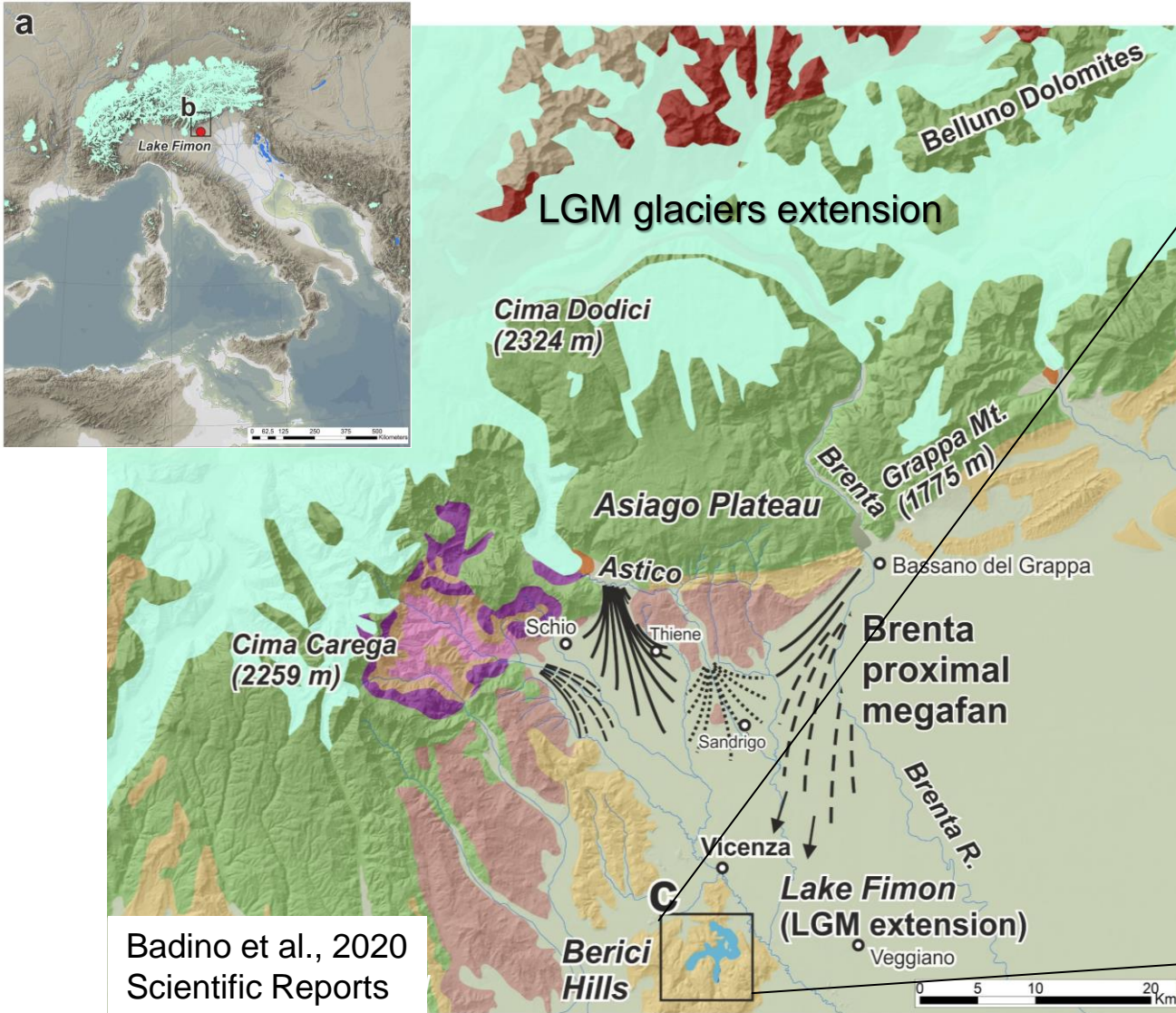




**Greenland Interstadial 14-12 (GI 14-12; ca. 54 to 44 ka according to Rasmussen et al., 2014)**

**Last Glacial Maximum (26–21 ka cal BP, Hughes et al., 2016; Monegato et al., 2017)**





## Legend:

- Stratified sites (caves)
- Surface sites
- Rock shelters
- Drillings
- Lake Fimon, modern extension
- Lake Fimon, LGM extension

Margaritora et al., – Poster session, AIQUA excursion, 19 Febbraio 2020

Badino et al., 2020  
Scientific Reports





40 – 44,5 m

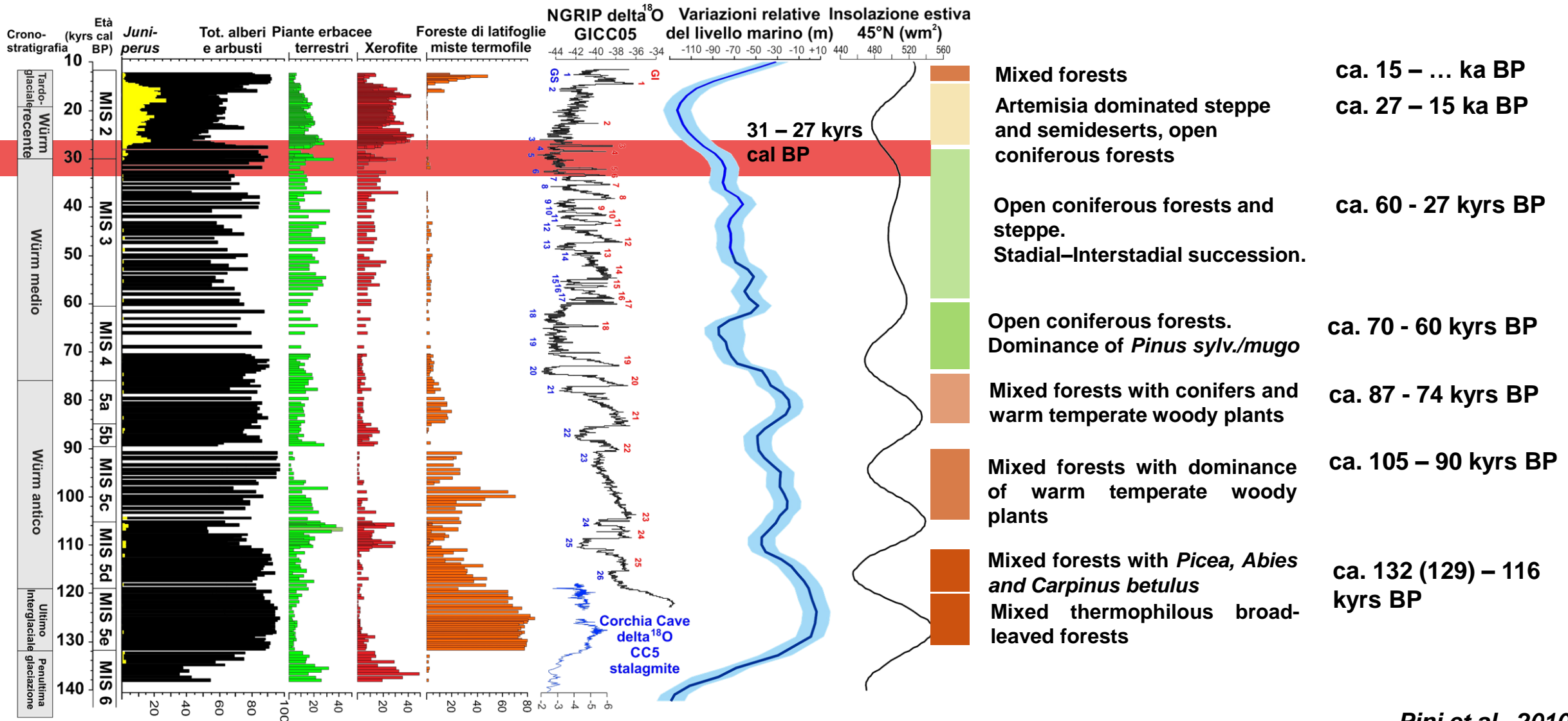


20 – 25 m



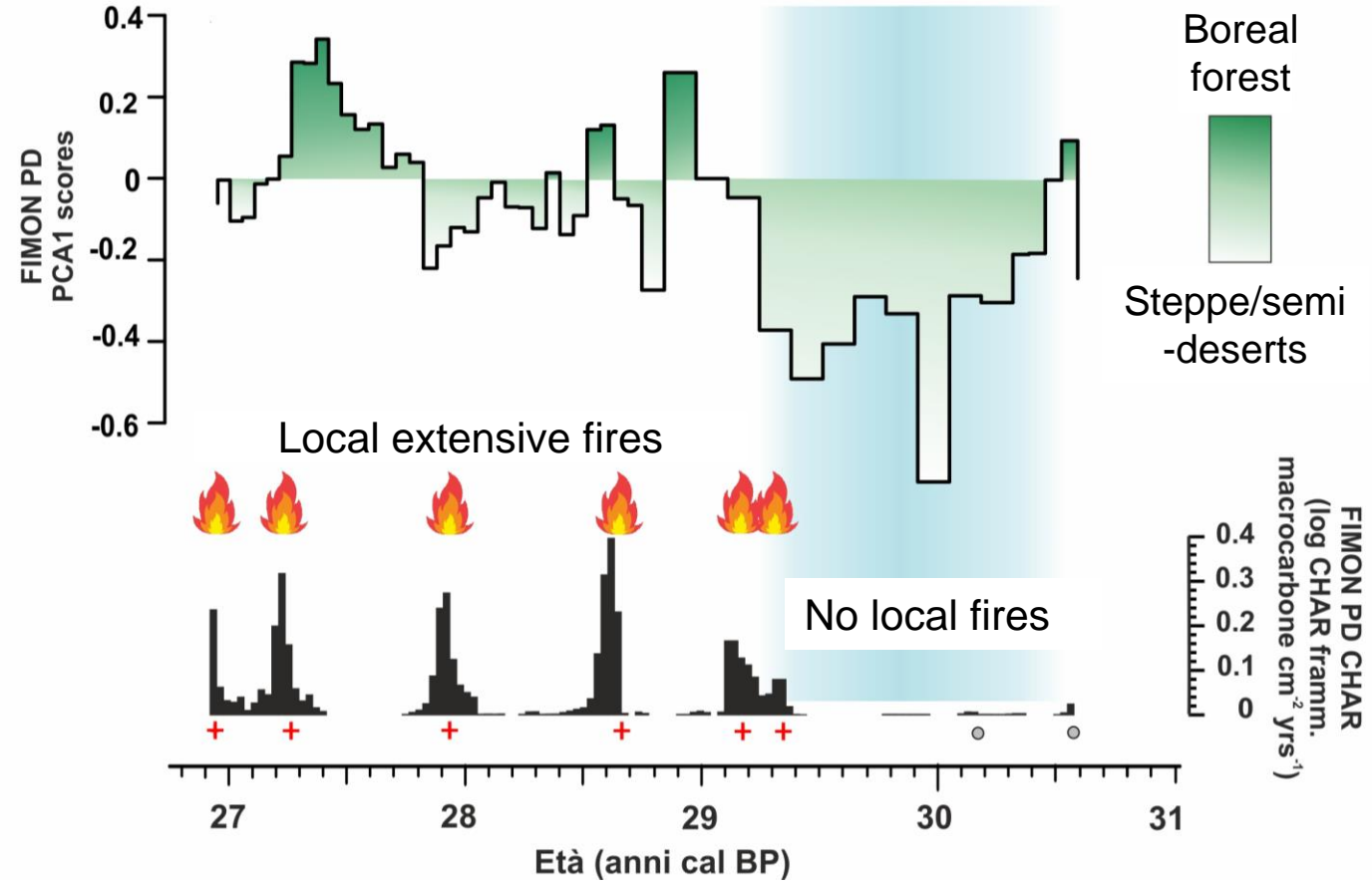
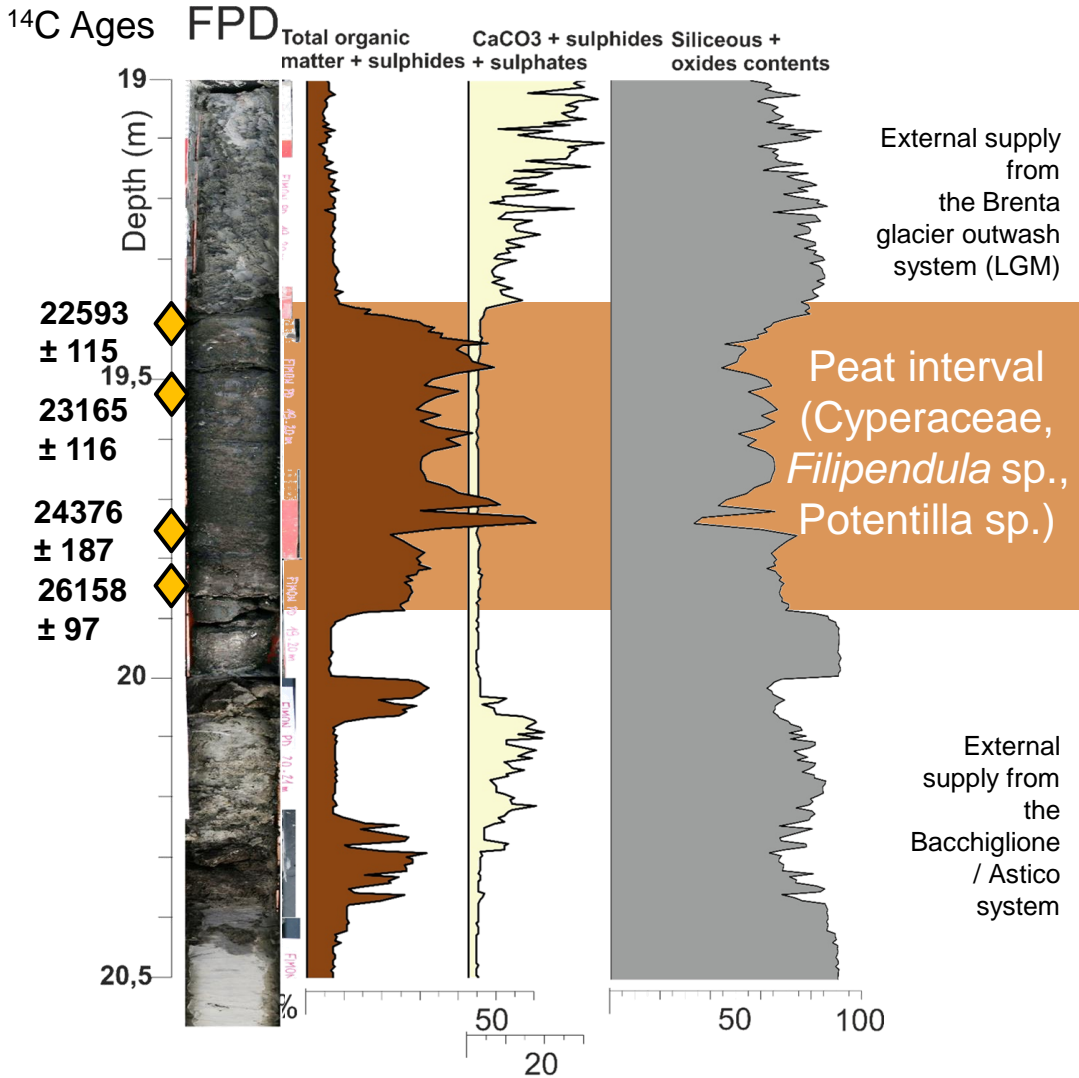
15 – 20 m

# Key Late Pleistocene records: Lake Fimon

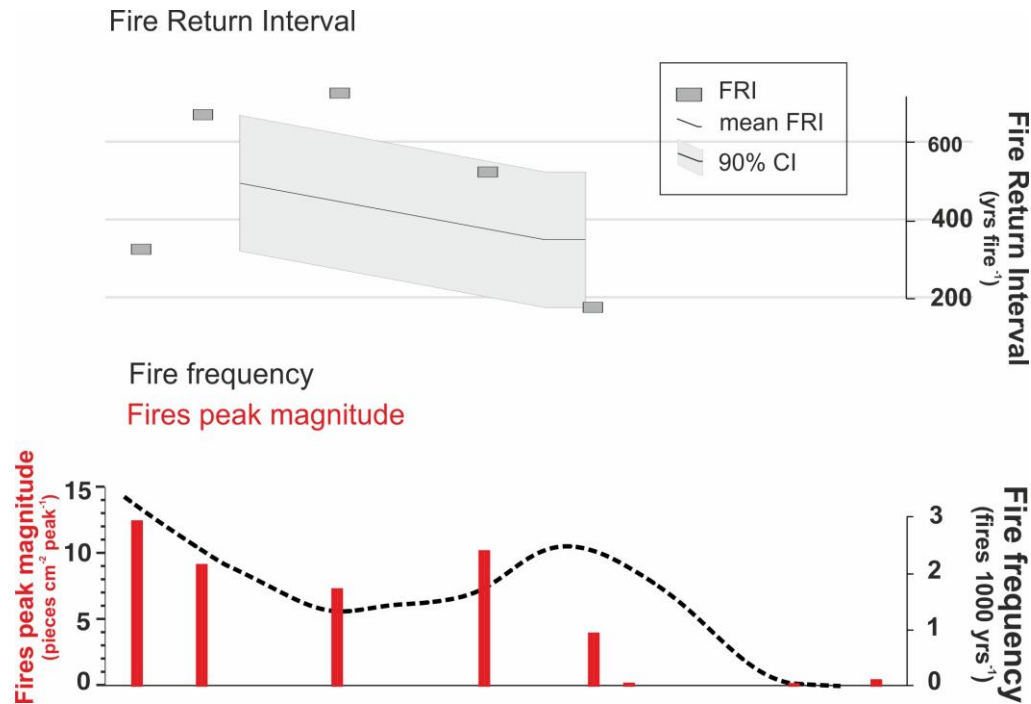


Pini et al., 2010



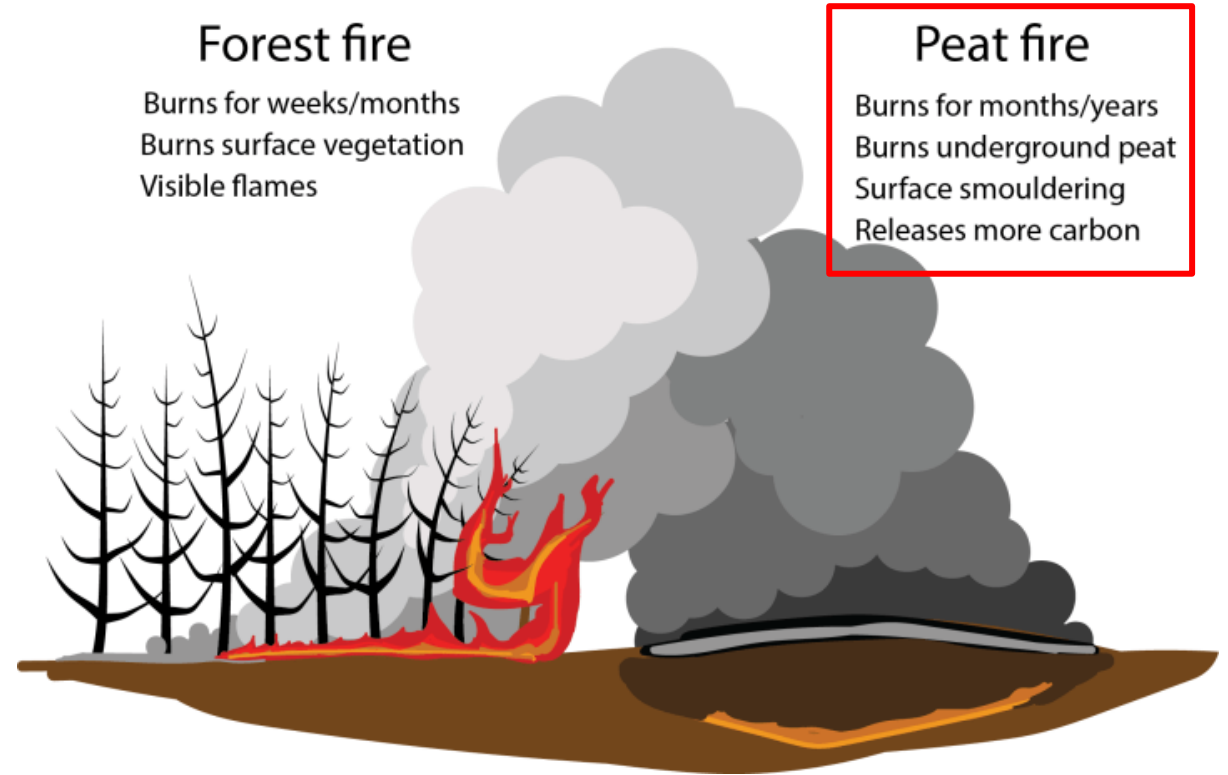


## CharAnalysis

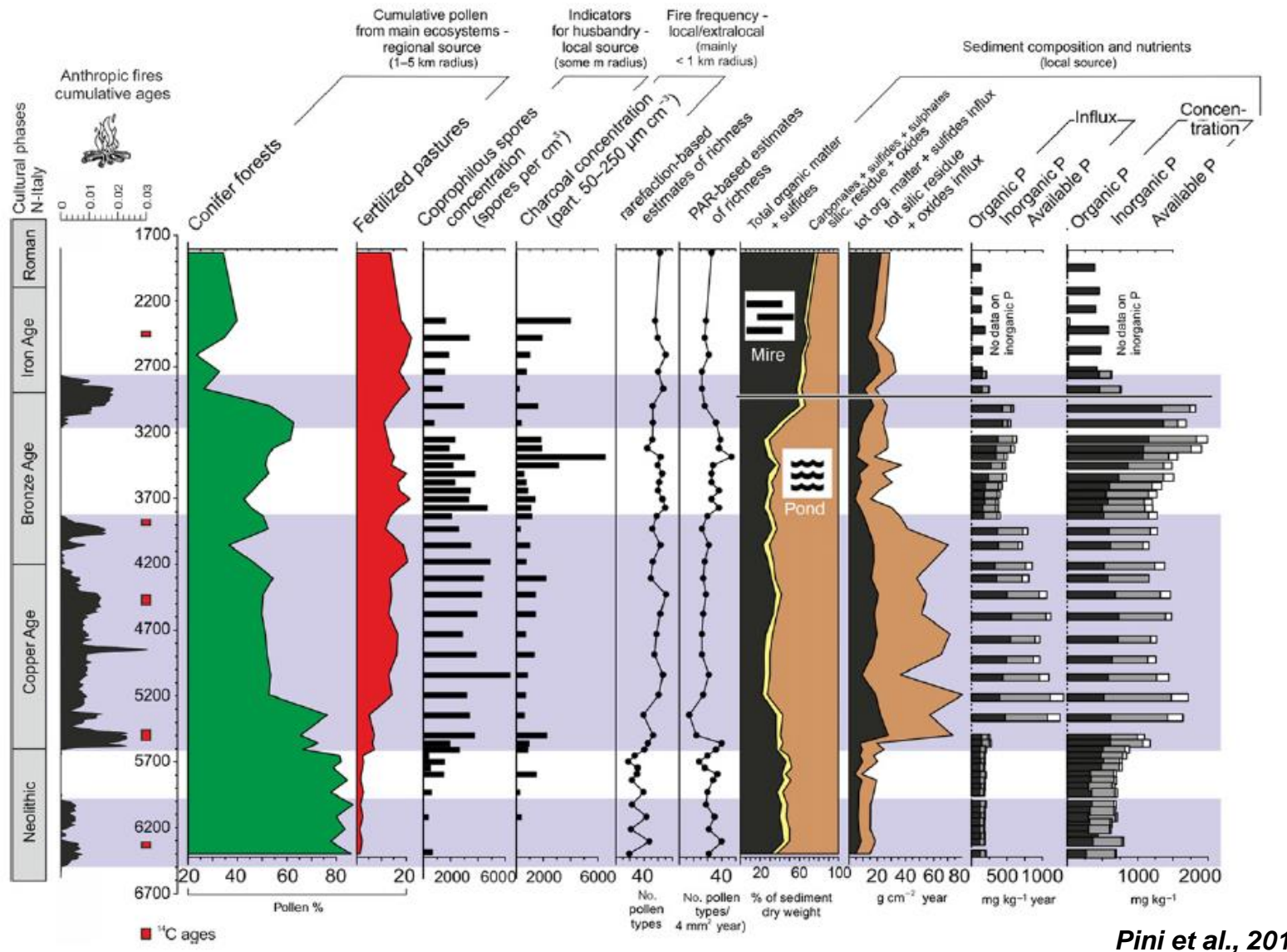
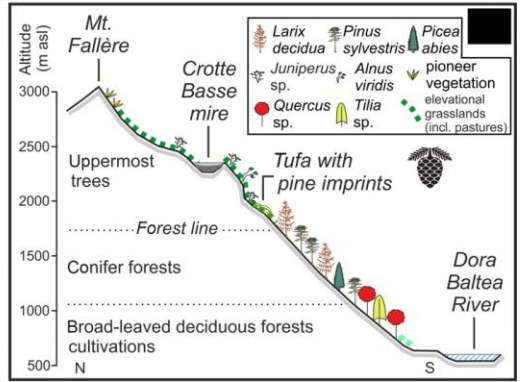
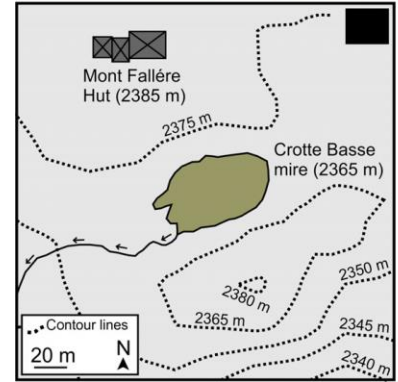
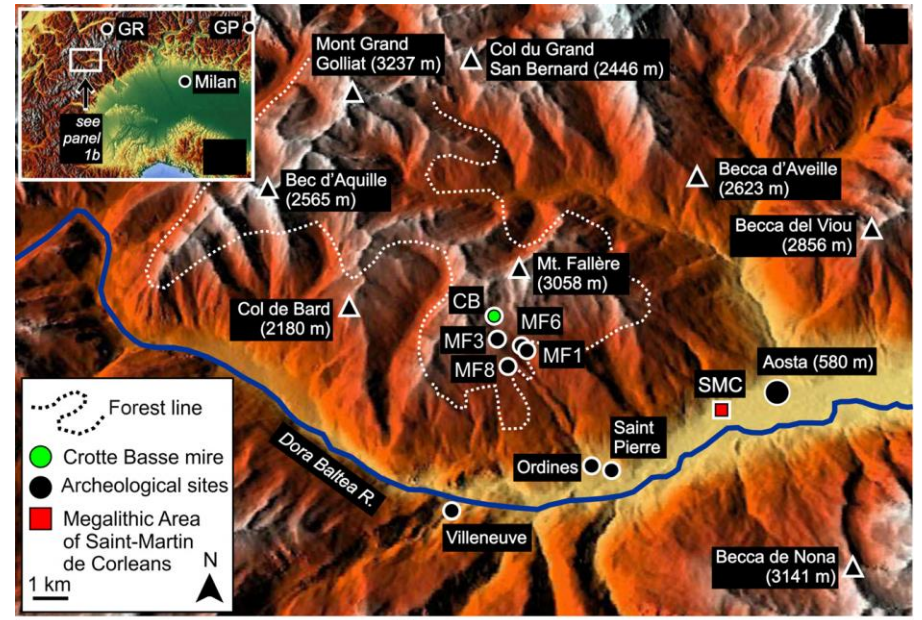


Mean Fire return interval (mFRI): 400 anni

Fire frequency (FF): 1.6 incendi /1000 anni



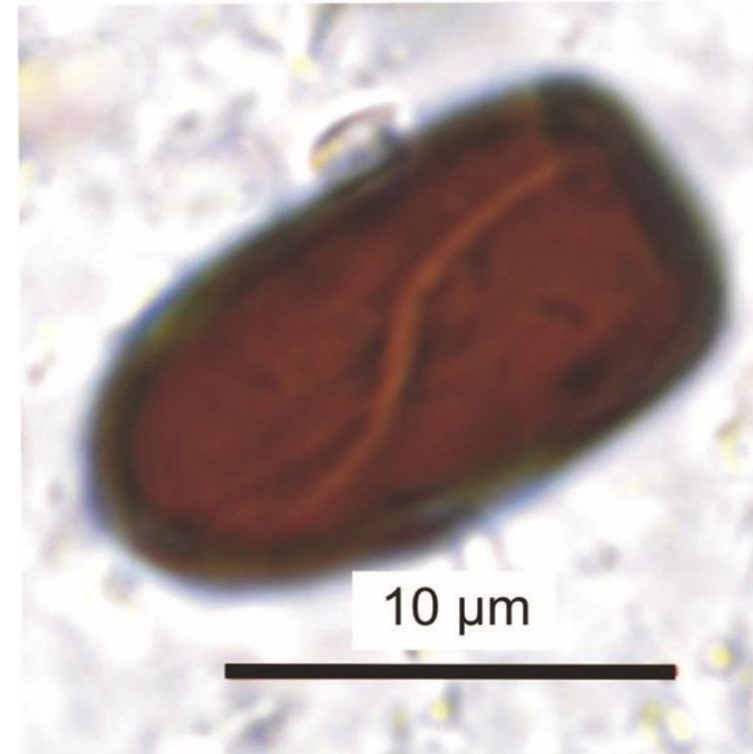




Abundance of *Sporormiella* spores as a proxy for the presence and abundance of megaherbivores.



*Sporormiella isomera*.  
Free ascospores – Bar = 15  $\mu\text{m}$ .



Single *Sporormiella* cell (terminal segment) showing the aperture in s-shape that facilitates the identification of the spore.



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