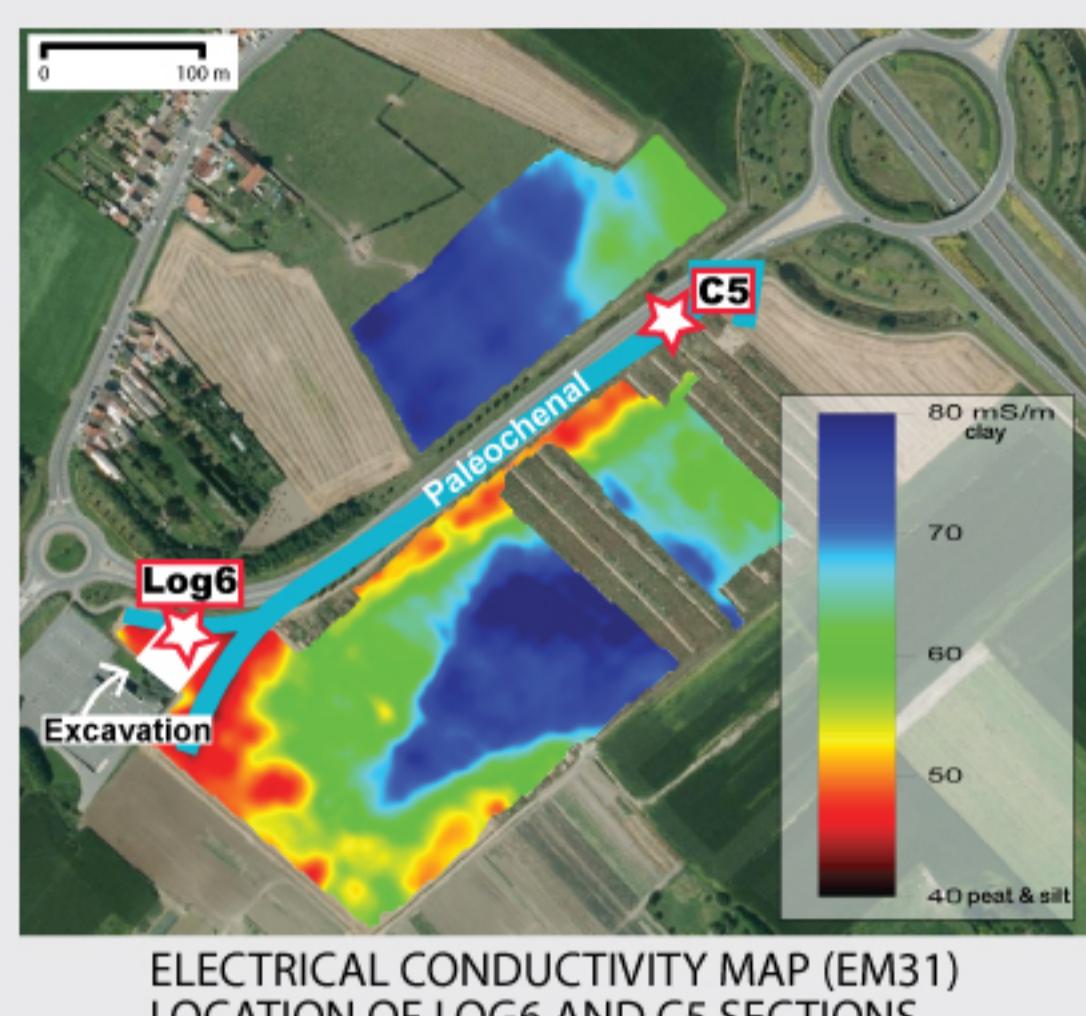


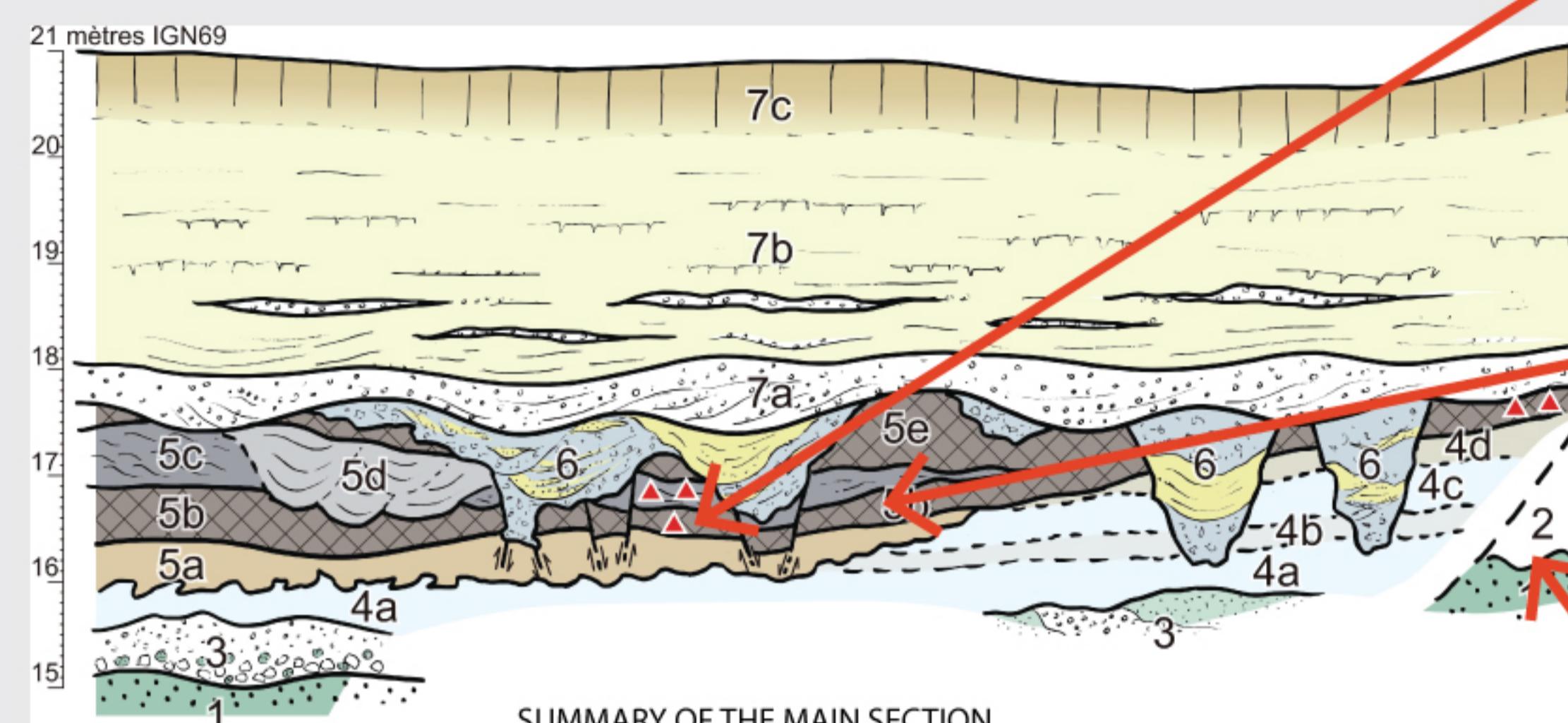
# Eemian palaeoenvironmental evolution in the northern plains of France from the alluvial sequence of Waziers

Gauthier A., Antoine P., Auguste P., Deschordt L., Ghaleb B., Hérisson D., Limondin-Lozouet N., Locht J.-L., Virmoux

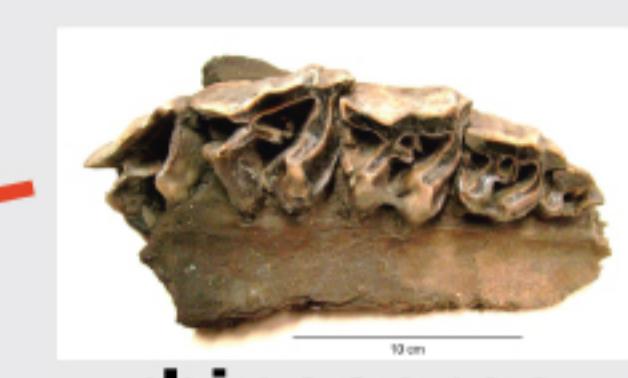


## WAZIERS : exceptional site in northern France

a new Eemian sequence and a new middle Paleolithic site



**lithic artefacts**  
(unit 5b)



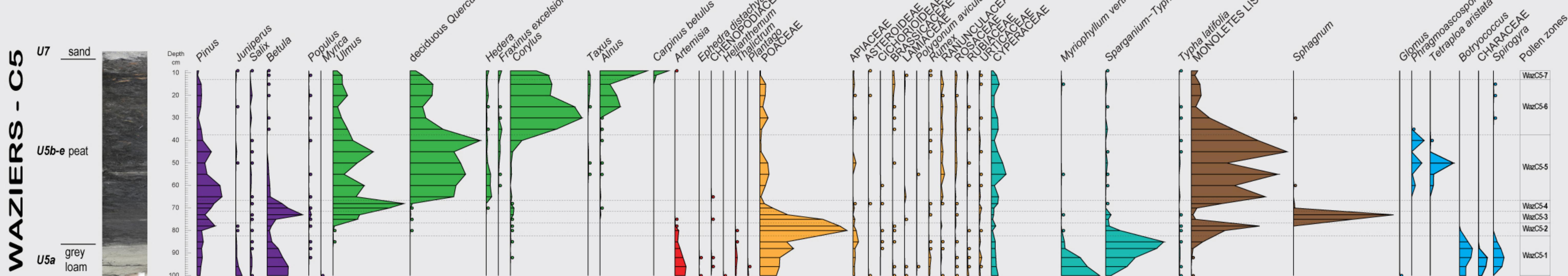
\* located in the Scarpe river valley

\* thick alluvial sequence deposited in a large palaeo-meander

- unit 4: mineral fluvial deposits (loam)
- unit 5: organic fluvial deposits (peat)
- units 6 & 7: reworked fluvial deposits & sand and loess

\* correlation to the Eemian: minimum age of 103 + 3.5/-3.4 ka for unit 5c (U/Th date on Characeae oogen)  
occurrence of the typical Weichselian loess sequence overlying fluvial organic deposits.

## pollen analysis from Log6 and C5 sections



a classic succession of vegetation from glacial to interglacial conditions

a typical development of forests associated with the Eemian in Northern Europe

→ document Neanderthal landscape

