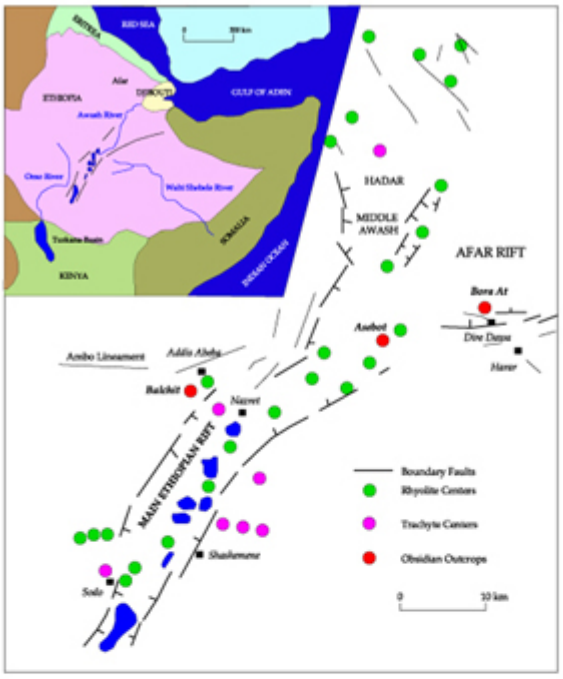
Twitter Thread by NixBit



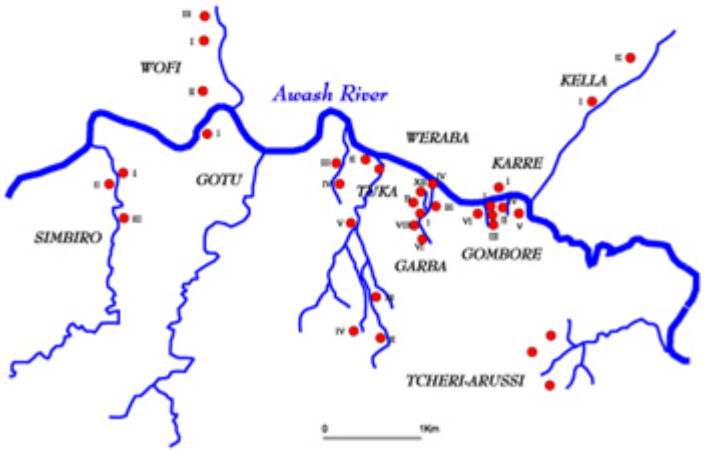
NixBit
@nix_bit

The adventurer in all of us, the homo erectus.
Not only does he influence his own evolution due to use of fire and obsidian since 1.9 million year ago but shapes the later hominid in Europe, Asia and Africa.

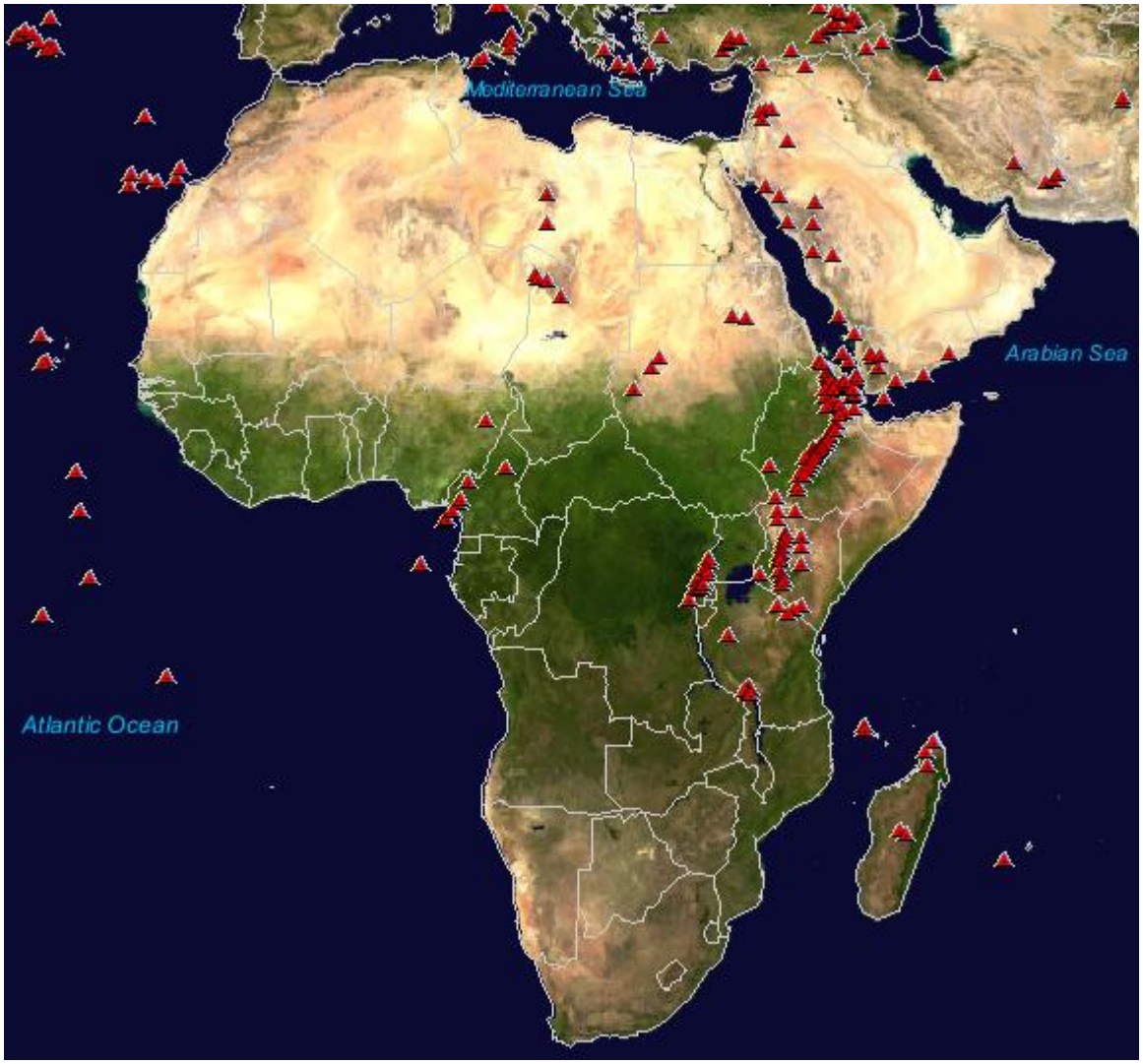
The place for the oldest proof of fire and use of obsidian, an volcanic sediment is near the oldest know continue habitat of hominid since also 1.9 million year, the Melka Kunture.
https://t.co/GBjL0gR5Ip



BALCHIT



It should be no surprise both technology's and first permanent habitat in Ethiopia is a hotspot for volcano's.



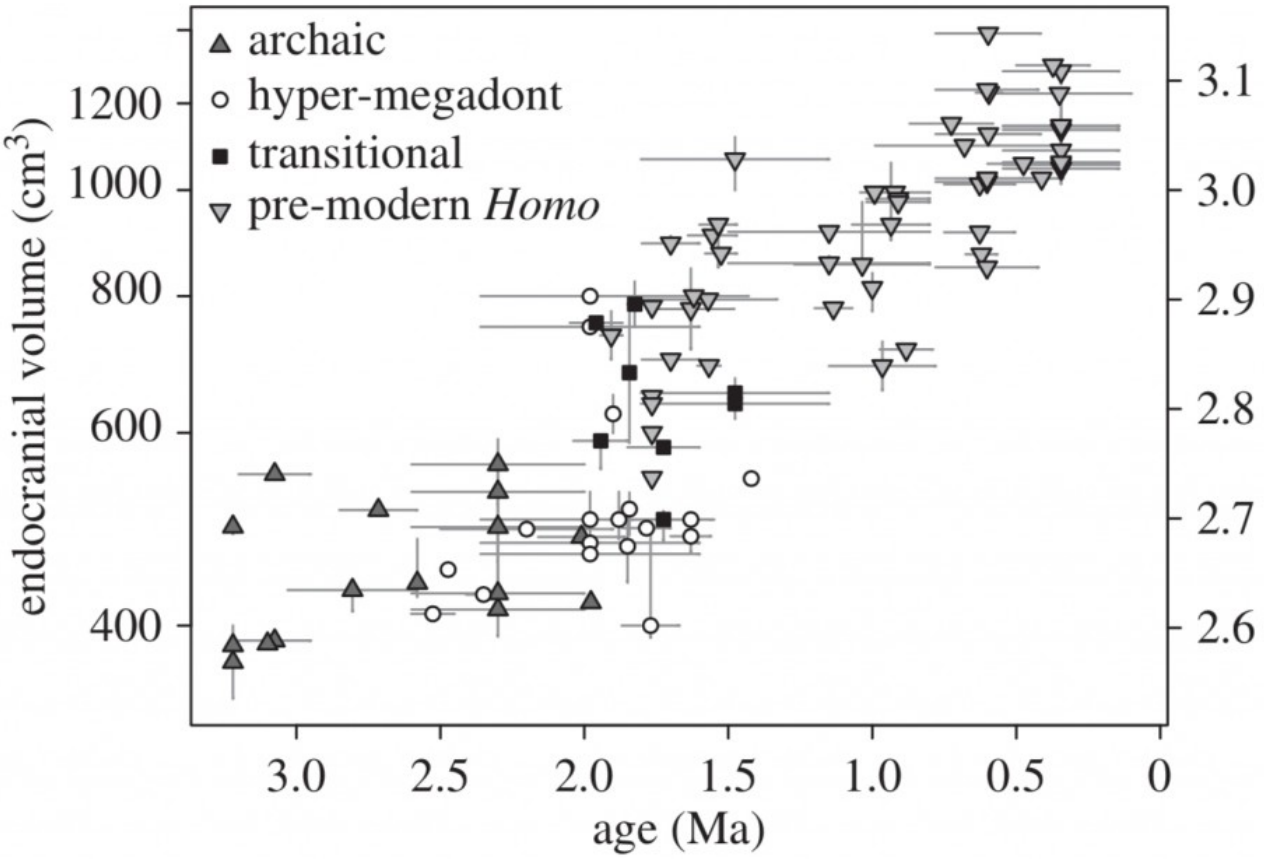
And it's my belief the mastering of fire is not due to an natural phenomena as a periodic lighting, if we look at the migration path of those hominid they follow the volcano's out of Africa, as we can see in Saudi-Arabia.



Their technological advance in stone-technique based on a volcanic stone forced them near the fire of it, got used to it, observed it's property and applied it to better their own living conditions, probably already started with the homo habilis which effected their offspring.



Since then human brain volume evolves gradually, this if we ignore Homo Naledi and Homo Floresiensis which are both dwarf hominid.
https://t.co/zg8FWNApCS


archaic
hyper-megadont
transitional
pre-modern *Homo*
endocranial volume (cm^3)
1200
1000
800
600
400
3.1
3.0
2.9
2.8
2.7
2.6
3.0
2.5
2.0
1.5
1.0
0.5
0
age (Ma)