

Akhshtyr: Levkovskaya's diagram

This is said to be based on the most complete section inside the cave. Excavations by S.A. Kulakov.

Key.

1. AP % including shrubs (indicator of wooded extent in the area)
2. mesophil NAP %
3. xerophil NAP %
4. spores
5. % sum of immature pollen and spores of various taxa (an "abortive" palynoteral complex, an indicator of stress or catastrophic conditions in the generative sphere of many plants at the same time).
6. exotics and relicts %
7. minimum finds of pollens and spores
8. deciduous AP % (indicator of broad leaved wooded extent in warmer periods)
9. alder
10. dark coniferous AP % (Picea and Abies, indicator of high mountain woods from areas which either were damp non-continental [Abies] or damp continental [Picea]).
11. birch (indicator of Caucasian sub-alpine belt)
12. pine (indicator of high mountain woods from areas with continental dry climate)
13. Alnaster, a microtherm which is absent from the present day flora of the Caucasus (an exotic)
14. other exotics
15. minimum finds of relict thermophil plants (normally developed forms)
16. ditto (deformed or immature forms)
17. data from the surface in the vicinity of the cave (indicator of present day conditions)
18. hiatus in accumulation of deposits or erosion
19. middle palaeolithic finds
20. upper palaeolithic finds

P. Allsworth-Jones
August 21 2006