

of the steppe-fox (*Vulpes gr. corsac*), and the porcupine (*Hystrix vinogradovi*), but other species as *Arvicola terrestris*, *Cricetus cricetus*, *Ursus cf. spaeleus – denningeri*, *Coelodontus antiquitatis*, *Equus cf. germanicus* etc. are numerous as well. The layers of loamy fossil sediments are sterile in respect of malacofauna.²⁸

From the area of the fireplace, in sectors a 4–7, layer D, charcoal was determined as coming from alder (*Alnus sp.*), common hornbeam (*Carpinus betulus*), and forest pine (*Pinus silvestris*) indicating a cooling of the climate.²⁹

In 1988 a fragment of a female skull of *Homo sapiens sapiens* has been revealed in Hôrka-Ondrej, area A. A high age of the skull was proved by analyses of amino acids and microanalyses of bones from the skull as well as animal ones. Fluoric analyses and mainly C¹⁴ dating realised in Oxford indicated the contemporary age of the skull. In 2003 three former workers, which had participated in the excavations, declared the find of skull to be a deceit. The problem of the skull's disputable age has been solved by this way and so I beg you further not to concern the find to be a Palaeolithic one.

The chipped stone industry

The chipped stone industry in area A presents a relatively abundant collection, consisting of 4088 pieces. There were only 112 finished tools, 2.73%. Cores and their remains comprise 79 pieces, 1.93%. The most abundant group were flakes and debitage, which present 3,897 pieces, 95.32%.

Technological groups	no	%
Cores	79	1.93
Flakes	3890	95.17
Blade	7	0.17
Tools	112	2.73
Total	4088	100.00

Table 10: Hôrka-Ondrej, area A. Major technological groups

A substantial part of the industry was made on quartz of various colours (pink, green, milky, transparent, dark grey to black), and quality (very fine-grained, coarse-grained with a firm little eyes, cracked), a total of 3580 pieces—87.57%. The second most widely utilised raw material was chert, 484 pieces (11.83%) with a few colour varieties. The most common was reddish brown radiolarite (247 pcs.), followed by grey-green (125 pcs.), yellow-green (110 pcs.), and one of each in orange-pink and black. Besides

²⁸ LOŽEK 1993.

²⁹ HAJNALOVÁ–HAJNALOVÁ 2000, 164.