

layers as well. The finds were assigned to microlithic industries, made dominantly from quartz, and chronologically belonging to the last interglacial. The average dimension of individual types of artefacts was the following: $35,95 \times 27,25 \times 10,75$ cm. The finds from Hôrka-Ondrej are distinguished from the Taubachien, or other microlithic Middle Palaeolithic industries of the last interglacial by a high portion of the Levallois technique,¹⁴ but mainly by the age obtained by the U/Th dating.

The age of the layers with the chipped stone industry from area B with the most numerous finds, close to layer C (a dense porcelaneous travertine layer situated above the initial rendzina soil), originally labelled as layer 2,¹⁵ was dated by the U/Th to $160\,000 \pm 10\%$.¹⁶ Charcoals of *Pinus sylvestris* were common in cinder layers D, B and A, with *Betula* sp. in the very bottom layer D. The layer C contains also *Picea abies* / *Larix decidua*. Species present in these imprints suggest that during the sedimentation of this part of the mound, its close surrounding was open, and a coniferous forest grew in a further distance.¹⁷

The finds belong to the Middle Pleistocene interglacial, together with the industry from area D, in layers from the continuing travertine deposition that began before the end of Riss. The finds of the chipped stone industry can be assigned to the Early Mousterian with a Levallois technique.

Area D

89 artefacts were found in the loose layers 1 and 2, and in the firm travertine layers in the immediate vicinity of the main mineral water spring. Layers 1 and 2 were detected only in a small area immediately at the original mineral water spring, layer 3 in the top upper part of the remains of the mound. Compact travertine in layer 3 contained mainly leaf imprints of *Salix caprea*. Fossilized trunks and pine cones of *Pinus* cf. *sylvestris* were also present, and rarely, grasses *Poaceae* were found.¹⁸

Layer 1 contained only a blade-shaped quartz flake, and a side-knife with a natural side, size: $37 \times 32 \times 21$ mm (Fig. 4, 7). Layer 3 contained tools, remains of cores, and flakes.

¹⁴ VALOCH 1984, 195.

¹⁵ PROŠEK-LOŽEK 1957, Fig. 2.

¹⁶ FORD 1995, 127.

¹⁷ HAJNALOVÁ-HAJNALOVÁ 2000, 161.

¹⁸ HAJNALOVÁ-HAJNALOVÁ 2000, 161.