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STUDIE A KRÁTKÉ ČLÁNKY
CASE STUDIES AND SHORT ARTICLES
STUDIEN UND KURZE ARTIKEL

Recenzovaná část

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Rezensierte Teil

ENEOLITHIC HILLFORT STARÝ ZÁMEK NEAR JEVIŠOVICE. A CONTRIBUTION TO LITHIC CHIPPED INDUSTRY RESEARCH IN SOUTHWESTERN MORAVIA

ENEOLITICKÉ HRADISKO STARÝ ZÁMEK U JEVIŠOVIC. PŘÍSPĚVEK K POZNÁNÍ KAMENNÉ ŠTÍPANÉ INDUSTRIE NA JIHOZÁPADNÍ MORAVĚ

LUBOMÍR ŠEBELA, ANTONÍN PŘICHYSTAL, ALENA HUMPOLOVÁ, LUBOMÍR PROKEŠ

Abstract

The Moravian–Silesian Prehistoric Branch of the Archaeological Institute AV ČR, Brno, v. v. i. has a long-term research interest in lithic chipped industries of the Late Stone Age and the Early Bronze Age in Moravia and Czech Silesia. Presently, a very important research focus is a lithic collection from the fortified Eneolithic hillfort Starý Zámek near Jevišovice. There are 474 knapped artifacts in the collection, including pieces collected from the surface and from excavations by J. Palliardi. One third of the artifacts are linked to cultural layers C, C2, C1 and B. Seventy pieces were published by Anna Medunová. At least 74 of the artifacts excavated by J. Palliardi have been recently identified in the collection deposited at the Moravian Museum.

The assemblage includes a variety of endscrapers, blades, and borers as well as some cores. Tools of the Krummesser type from layer B and a bifacially retouched artifact (dagger or sickle fragment) from Bavarian tabular chert (Plattensilex) are of particular interest. Most artifacts were produced from local rocks (cherts of the Krumlovský les type and weathering products of serpentinite), although silicites from glacial sediments and chert of the Stránská skála type have also been identified. The presence of Bavarian Plattensilex (at least two artifacts) and rocks sourced from Poland (silicites from Cracow-Częstochowa Jurassic Upland and the spotted chert of the Świeciechów type). Two Palaeolithic artifacts are a surprising discovery. We cannot exclude the possibility that these pieces originate from an earlier period and were reused later.

Keywords

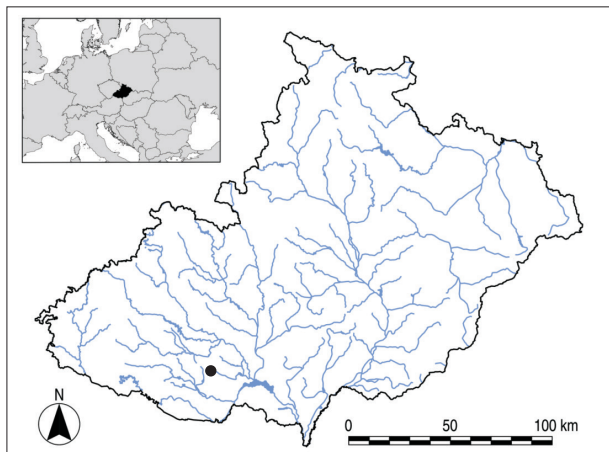
Jevišovice – hillfort Starý Zámek – lithic chipped industry – Funnel Beaker culture – Jevišovice culture

1. Introduction

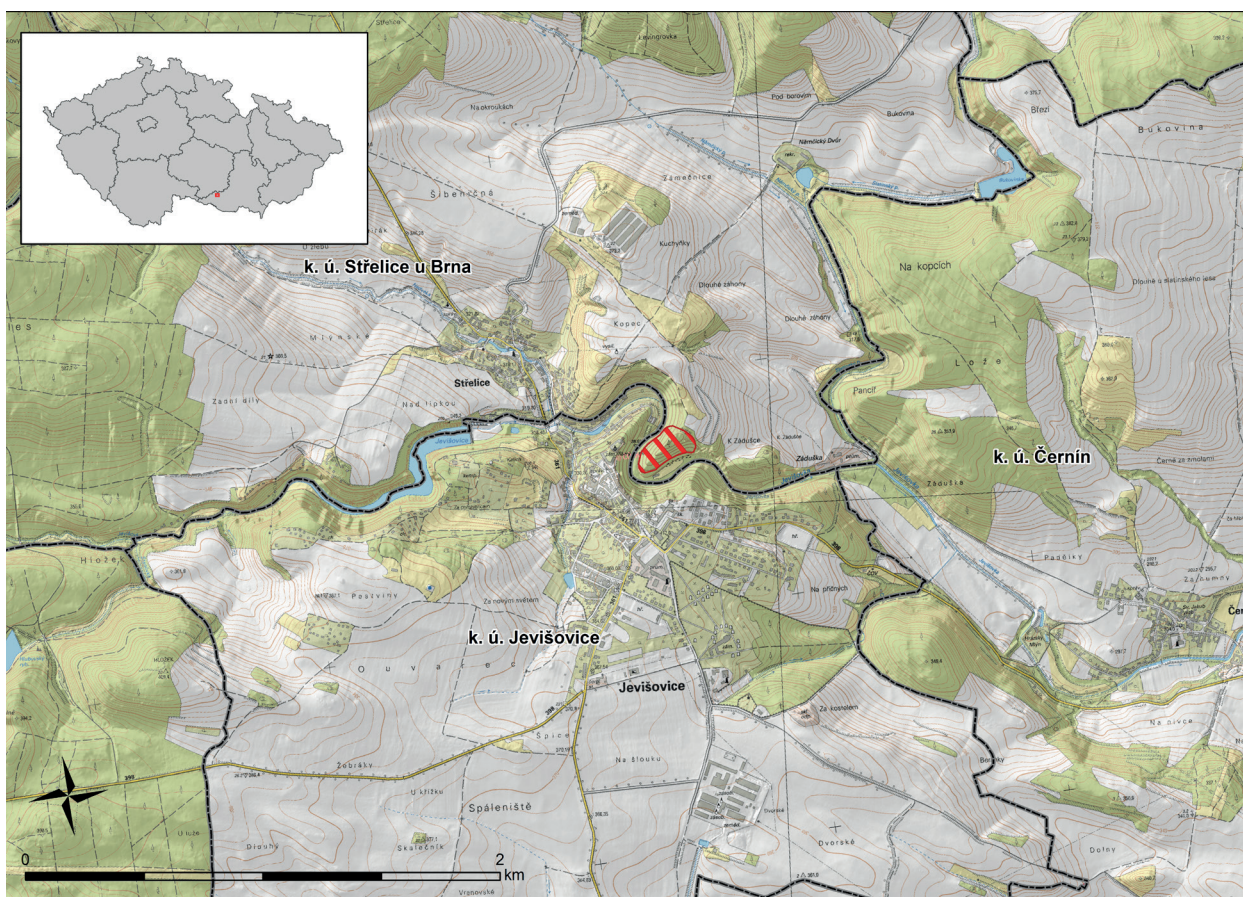
The prehistoric hillfort Starý Zámek is located on the left side of the Jevišovka River in the cadastral area of Střelice u Jevišovic (Map 1), approximately 360 m above sea level. It is 100×30 m in size and access is from the northeast.

Starý Zámek was introduced to the archaeological literature by Jaroslav Palliardi, who in 1887 received pottery and stone artifacts collected at the site. He published a paper about these finds titled ‘O provrtaných nástrojích kamenných na Znojemsku nalezených’ in the magazine “Časopis Vlasteneckého muzea v Olomouci” (Palliardi 1888, 33). In 1909, Palliardi and František Vildomec began an excavation of the site, continued in 1912 – 1915 (cf. Červinka 1896, 50; Čižmář 2004, 136–138). Presently, the area of the hillfort is forested. The site is known in the literature as *Starý Zámek u Jevišovic*, although it is actually located in the cadastral area of Střelice.

Most of Palliardi’s collection was passed onto the Moravian Museum after his death (access numbers Pa 16/24 a 17/24). However, several years earlier (in 1910), Palliardi donated many artifacts from



Location of the site on a map of Moravia.
Poloha studované lokality na mapě Moravy.



Map 1. Jevišovice. *Starý Zámek* near Jevišovice. Locality on the map of the Czech Republic and the location of the Eneolithic hillfort (red aslant hachure) on the cadastral area of Střelice near Jevišovice. After Šebela, Přichystal, Škrdla, Humpolová in press.

Mapa 1. Jevišovice. *Starý Zámek* u Jevišovic. Lokalita na mapě České republiky a lokace eneolitického hradiska (šikmé červené šrafury) na katastrálním území Střelice u Jevišovic. Podle Šebela, Přichystal, Škrdla, Humpolová v tisku.

the *Starý Zámek* site to C. k. archeologický kabinet Univerzity Karlo–Ferdinandovy in Prague (currently Institute of Archaeology of the Faculty of Philosophy of the Charles University). It is possible that some artifacts were also transferred to the Museum in Poděbrady (central Bohemia). The inventory record in this museum suggests that the collection of lithic artifacts from Jevišovice was donated by Palliardi in 1910 to Jan Hellich (1850 – 1931), who founded the City Museum in Poděbrady in 1901 (today, a branch of the Labe Region Museum). The collection also contains Medieval and modern pottery, which is consistent with other information suggesting a *Starý Zámek* hillfort origin.

2. Catalogue of lithic chipped industry from the *Starý Zámek* hillfort

The catalogue includes lithic chipped artifacts from excavations at *Starý Zámek* hillfort (section

2.1), Palliardi's surface collection (section 2. 2) and the artifacts he donated to the Institute of Archaeology of the Faculty of Philosophy, Charles University, Prague (section 2.3) and the Museum in Poděbrady (section 2.4). The catalogue also includes artifacts collected by teacher L. Pokorný, which he donated to the Museum of South Moravia in Znojmo in the 1930s (section 2.5).

Each artifact is individually described. Typological designation is followed by petrographic information (by A. Přichystal). If an artifact could not be identified, its description is based on information from the literature (in parentheses). If an artifact has not been pictographically examined, its description is accompanied by the formula "Rock *Non vidi*". Other information included is its dimensions and museum inventory numbers. When an artifact is presented in drawings or photos, a reference to the relevant drawing (Plate I–XXI), or photographic (Plate XXII–XXIV) illustrations is included.

2. 1. Artifacts found during archaeological excavations of the hillfort

1. Distal segment of a blade. Chert of Krumlovský les type, variety II. Length – 27 mm, width – 17 mm, thickness – 5.5 mm. Access No. Pa 16/24; Palliardi's collection inv. No. 168.
2. Knife-like backed tool on a laminar flake with a partially cortical blunt edge, regularly denticulated working edge and a rounded tip on the dorsal surface. Length – 52 mm, width – 27 mm, thickness – 7 mm. Siliceous weathering product of serpentinite. Access No. Pa 17/24; Palliardi's collection inv. No. 619. Plate VI: 9.
3. Blade with denticulated retouch on a lateral edge. Burnt silicite, probably chert of Krumlovský les type, variety I. Length – 30 mm, width – 16.5 mm, thicknesses – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 690. Plate VI: 2.
4. Endscraper on a blade. Siliceous weathering product of serpentinite. Length – 47.5 mm, width – 21.5 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 743.
5. Blade with partial cortex. Siliceous weathering product of serpentinite. Length – 41 mm, width – 12.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 744.
6. Blade with functional retouch on both lateral edges. Chert of Krumlovský les type, variety I. Length – 44 mm, width – 13 mm, thickness – 5.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 745. Plate IV: 14.
7. Terminal segment of a blade. Chert of Krumlovský les type, variety I/II. Length – 32 mm, width – 10.5 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 746.
8. Endscraper with a steep scraping edge (*unguiforme*). Chert of Krumlovský les type, variety I. Length – 37 mm, width – 30 mm, thickness – 12.6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 908 (black); 4864 (black). Plate IV: 17.
9. Endscraper on a flake with a steep scraping edge (*unguiforme*). Chert of Krumlovský les type, variety I. Length – 32 mm, width – 27 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 909. Plate IV: 2.
10. Endscraper with a steep scraping edge. Rock *Non vidi* (after Medunová-Benešová 1981; 124: *Hornstein*). Dimensions: 31×22.5×6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 910 (not identified by the authors). Plate IV: 1.
11. „Endscraper“. Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 911 (not identified by the authors).
12. „Endscraper“. Rock *Non vidi* (after Medunová-Benešová 1981; 124: *Hornstein*). Dimensions: 28.5×24 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 912 (not identified by the authors). Plate IV: 3.
13. Endscraper on a flake (*unguiforme*). Siliceous weathering product of serpentinite (after Medunová-Benešová 1981; 124: *Jaspis*). Length – 30 mm, width – 22 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 913. Plate IV: 7.
14. Endscraper with a steep fan-like retouch (*unguiforme*). Burnt silicite. Length – 28 mm, width – 25 mm, thickness – 9.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 914. Plate IV: 4.
15. Endscraper on a flake. Chert of Krumlovský les type, variety II. Length – 28 mm, width – 16.5 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 915.
16. „Endscraper“. Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 916 (not identified by the authors).
17. „Endscraper“. Rock *Non vidi* (after Medunová-Benešová 1981, 124: *Jaspis*). Dimensions: 29×25.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 917 (not identified by the authors). Plate IV: 8.
18. Endscraper on a blade. Chert of Krumlovský les type, variety I. Length – 32 mm, width – 22.5 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 918. Plate IV: 5.
19. Endscraper on a flake (*unguiforme*). Chert of Krumlovský les type, variety I. Length – 33 mm, width – 27 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 919. Plate I: 1.
20. „Endscraper“. Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 920 (not identified by the authors).
21. „Endscraper“. Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 921 (not identified by the authors).

22. Endscraper on a blade-like flake. Chert of Krumlovský les type, variety I. Length – 35 mm, with – 21 mm, thickness – 9.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 922.
23. Endscraper on a flake. Chert of Krumlovský les, variety I. Length – 33 mm, width – 20 mm, thickness – 8.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 923.
24. "Small knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 924 (not identified by the authors).
25. Terminal segment of a blade. Burnt siliceous weathering product of serpentinite. Length – 35 mm, width – 14 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 925.
26. Blade without proximal segment. Siliceous weathering product of serpentinite. Length – 35 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 926.
27. "Small knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 927 (not identified by the authors).
28. Trapeze. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 11 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 928.
29. "Small knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 929 (not identified by the authors).
30. "Fragment of a small knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 930 (not identified by the authors).
31. Blade with bilateral retouch. Chert of Stránská skála type. Length – 30 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 931. Plate XII: 3.
32. Blade. Chert of Krumlovský les type, variety II (?). Length – 29.5 mm, width – 14 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 932.
33. Point with a retouched edge. Rock *Non vidi* (after Medunová-Benešová 1981, 60: *Hornstein*). Length – 33 mm, width – 27 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 933 (not identified by the authors). In MZM this number is assigned to another artifact – a proximal blade segment with a retouched left edge and sickle glossed. Patinated silicite from glacial sediments (?). Length – 46.5 mm, width – 18 mm, thickness – 7 mm. Plate XVII: 7, 8.
34. Arrowhead. Chert of Krumlovský les, type II (?). Length – 32 mm, width – 22.5 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection, inv. No. 934.
35. "Point". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 935 (not identified by the authors).
36. Blade with a denticulated right edge. Chert of Krumlovský les type, variety II. Length – 31 mm, width – 9.5 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 936.
37. Blade. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 4.5 mm, thickness – 2.2 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 937.

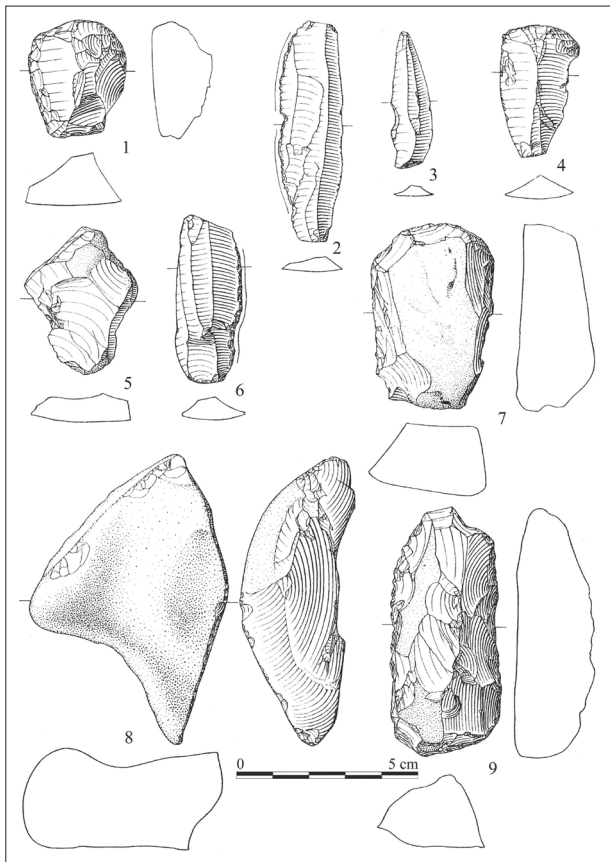


Plate I. Jevišovice. Hillfort *Starý Zámek*. 1-9 – Layer C2. Drawn by J. Brenner.

Tabulka I. Jevišovice. Hradisko *Starý Zámek*. 1-9 – vrstva C2. Kresba J. Brenner.

38. Truncated blade with functional retouch and sickle gloss on the left edge. Siliceous weathering product of serpentinite. Length – 29 mm, width – 6.5 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 938.
39. Retouched blade diagonally truncated on both ends, with sickle gloss on the left edge. Silicite from glacial sediments. Length – 59 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 939. Plate XII: 1.
40. Blade with diagonal retouch, denticulated on the right edge with sickle gloss. Chert of Krumlovský les type, variety II. Length – 33 mm, width – 15 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 940.
41. Blade. Burnt, siliceous weathering product of serpentinite. Length – 35 mm, width – 11.5 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 941.
42. Blade with functional retouch on both edges. Burnt siliceous weathering product of serpentinite. Length – 35 mm, width – 11.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 942. Plate IV: 9.
43. Blade with cortex. Burnt siliceous weathering product of serpentinite. Length – 37 mm, width – 18 mm, thickness – 5 mm. Access No. 12/24; Palliardi's collection inv. No. 943.
44. Blade with occasional retouch on both edges. Rock *Non vidi* (after Medunová-Benešová 1981, 124: *Hornstein*). Length – 38 mm, width – 15 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 944 (not identified by the authors). Plate V: 7.
45. Blade without proximal segment, denticulated on the right edge. Jurassic silicite from the Cracow-Częstochowa Upland (?). Length – 38 mm, width – 21 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 945. Plate XIV: 1.
46. Blade with denticulated retouch on the right edge and slight sickle gloss. Silicite from glacial sediments. Length – 59 mm, width – 20 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 946. Plate XII: 2; XXIII: 4.
47. Endscraper on a very narrow sub-crested blade. Silicite from glacial sediments – Danian. Length – 52.5 mm, width – 10 mm, thickness – 6 mm. Access No. Pa 17/24; inv. No. 947. Plate VIII: 5.
48. Endscraper on a blade. Rock *Non vidi* (after Medunová-Benešová 1981, 124: *Hornstein, grau*). Length – 52.5 mm, width – 16 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 948 (not identified by the authors). Plate III: 7.
49. Blade with retouch and sickle gloss on the right edge. Silicite from glacial sediments. Length – 51 mm, width – 18 mm, thickness – 54 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 949. Plate XII: 8.
50. Medial segment of a blade with retouch and sickle gloss on the left edge, and occasional retouch on the opposite edge. Jurassic silicite from the Cracow-Częstochowa Upland; variety A. Length – 53 mm, width – 20 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 950. Plate XIII: 3; XXIV:3.

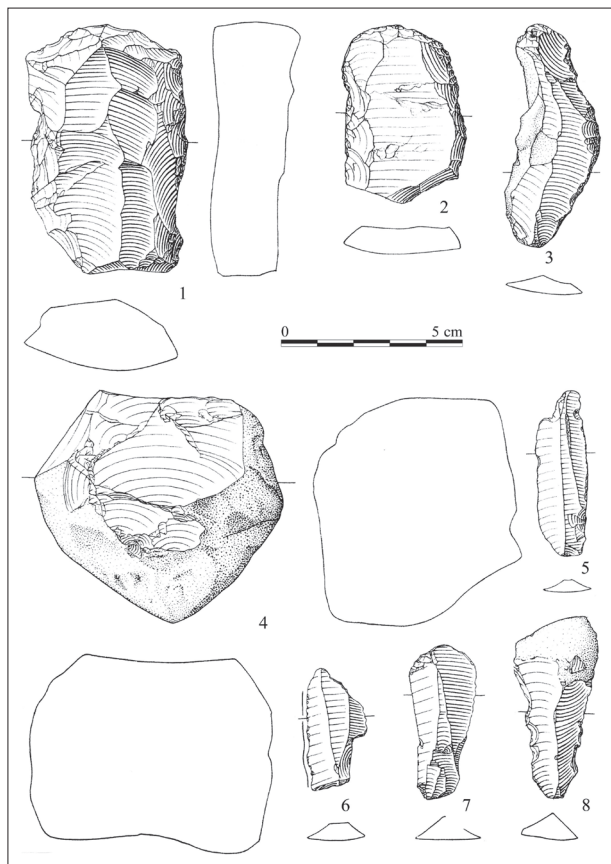


Plate II. Jevišovice. Hillfort *Starý Zámek*. 1-8 – Layer C2. Drawn by J. Brenner.

Tabulka II. Jevišovice. Hradisko *Starý Zámek*. 1-8 – vrstva C2. Kresba J. Brenner.

51. Blade with retouch and sickle gloss on the right edge. Silicite from glacial sediments. Length – 52 mm, width – 16.5 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 951.
52. "Fragment of the saw". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 952 (not identified by the authors).
53. Blade. Siliceous weathering product of serpentinite. Length – 40 mm, width – 14 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection 953.
54. Bilaterally retouched blade without proximal segment. Jurassic silicite from Cracow-Częstochowa Upland. Length – 39 mm, width – 17.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 954. Plate XIV: 16; XXIV: 2.
55. "Small knife". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 955 (not identified by the authors).
56. Point with slight sickle gloss on a terminal segment. Chert of Krumlovský les type, variety II. Length – 47 mm, width – 18 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 956.
57. Blade with cortex; left edge retouched along the entire length, right edge with occasional retouch, and borer-like point. Unidentified siliceous rock (chert of Krumlovský les type?). Length – 60 mm, width – 18 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 957.
58. "Small knife". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 958 (not identified by the authors).
59. Endscraper on a blade with sickle gloss, denticulated retouch on the left edge and occasional retouch on the opposite edge. Siliceous weathering product of serpentinite. Length – 43 mm, width – 19 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 959.
60. Endscraper on a blade. Siliceous weathering product of serpentinite. Length – 43 mm, width – 20 mm, thickness – 5.6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 960. Plate XII: 5.
61. "Endscraper". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 961 (not identified by the authors).
62. "Fragment of the small knife with retouched edge". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 962 (not identified by the authors).
63. Blade. Siliceous weathering product of serpentinite. Length – 42 mm, width – 9.2 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 963.
64. Blade. Burnt siliceous weathering product of serpentinite. Length – 43 mm, width – 17 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 964.
65. Medial segment of a cortical blade with retouch on the left edge. Silicite from glacial sediments. Length – 46 mm, width – 24 mm, thickness – 8.5 mm. Access No. 17/24; Palliardi's collection inv. No. 965. Plate XII: 6.
66. Sidescraper on a blade-like flake with partial cortex. Chert of Krumlovský les type, variety I. Length – 54 mm, width – 29 mm, thickness – 10 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 966. Plate V: 10.

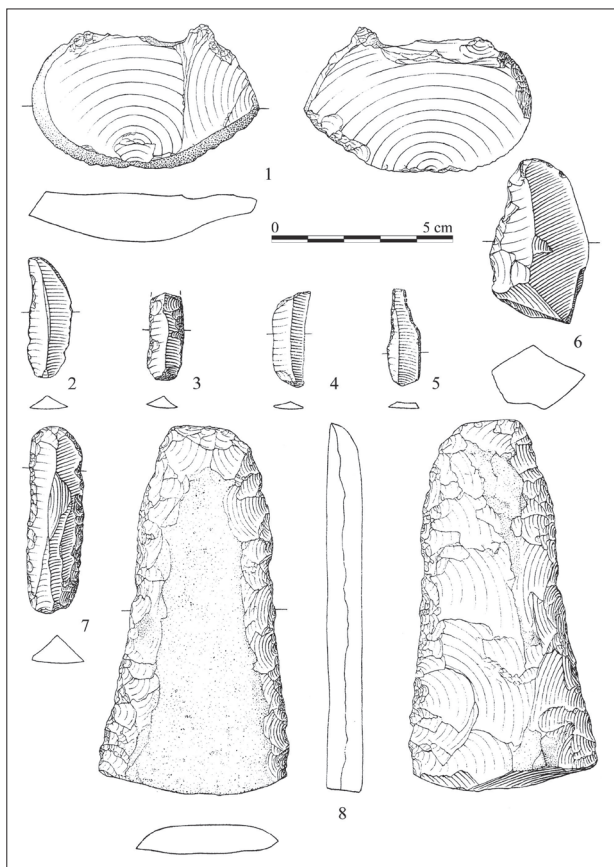


Plate III. Jevišovice. Hillfort *Starý Zámek*. 1, 6 – Layer C2; 2-5, 7, 8 – Layer C. Drawn by J. Brenner.
Tabulka III. Jevišovice. Hradisko *Starý Zámek*. 1, 6 – vrstva C2; 2-5, 7, 8 – vrstva C. Kresba J. Brenner.

67. Blade with fine retouch and sickle gloss. Silicite from glacial sediments – Danian. Length – 61 mm, width – 17.6 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 967. Plate I: 2.
68. Blade, right edge retouched. Silicite from glacial sediments – Danian. Length – 58 mm, width – 16 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 968.
69. "Knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 969 (not identified by the authors).
70. "Retouched blade". Rock *Non vidi* (after Medunová-Benešová 1981, 124: *Hornstein*). Length – 76.5 mm, width – 21.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 970 (not identified by the authors). Plate V: 12.
71. "Saw". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 971 (not identified by the authors).
72. "Knife". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 972 (not identified by the authors).
73. Fragment of a large flat tool (dagger) flat retouch and partial cortex, the other side cortical. Bavarian tabular chert of Baidersdorf type. Preserved length – 102 mm, width – 51 mm, thickness – 10 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 973 (red 309). Plate III: 8; XXIII: 7, 8.
74. Blade with denticulated retouch and sickle gloss on the right edge. Chert of Krumlovský les type, variety II. Length – 38 mm, width – 15 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 974.
75. Blade with denticulated retouch, sickle gloss and wear traces on the left edge of a terminal segment. Silicite from glacial sediments. Length – 107.5 mm, width – 26.5 mm, thickness – 11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 975. Plate XII: 11.
76. Blade with steep retouch and point-like termination. Rock *Non vidi* (after Medunová-Benešová 1981, 125: *Hornstein*). Length – 74 mm, width – 19 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 976. Plate V: 8.
77. Blade, terminal segment missing. Silicite from glacial sediments. Length – 38.5 mm, width – 13 mm, thickness – 4.8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 977.
78. Endscraper on a blade, edges retouched with wear traces. Chert of Krumlovský les type, variety I. Length – 52 mm, width – 16 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 978.
79. Point. Chert of Krumlovský les type, variety II. Length – 34 mm, width – 16 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 979.
80. "Point-like retouched artifact". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 980 (not identified by the authors).
81. Regular long blade with very small (almost punctiform) butt, both edges retouched. Silicite from glacial sediments or northern flint. Length – 115 mm, width – 20 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. probably 981. Plate VI: 10.

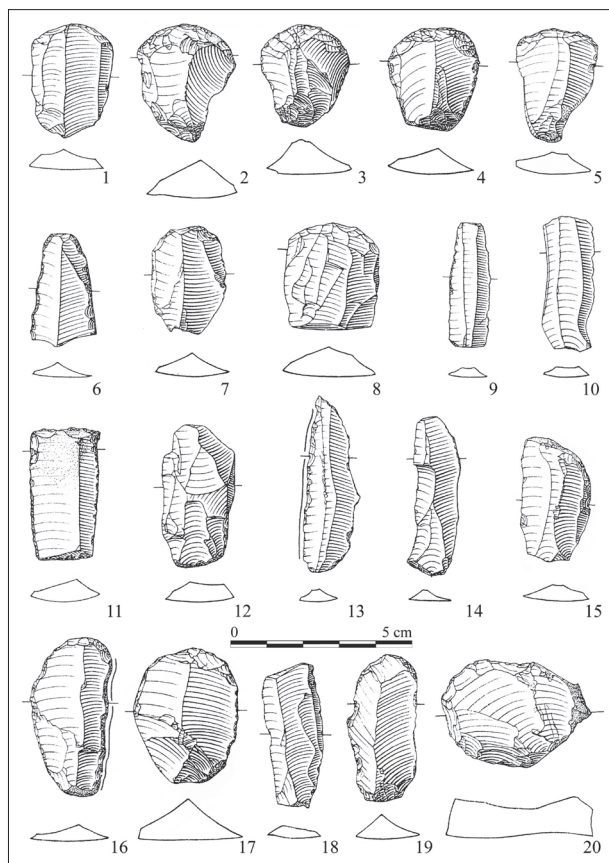


Plate IV. Jevišovice. Hillfort *Starý Zámek*. 1-19 – Layer C, 20 – Layer C1. 1, 3, 8 – after Medunová-Benešová 1981; 2, 4-7, 9-20. Drawn by J. Brenner.
Tabulka IV. Jevišovice. Hradisko *Starý Zámek*. 1-19 – vrstva C; 20 – vrstva C1. 1, 3, 8 – podle Medunová-Benešová 1981; 2, 4-7, 9-20. Kresba J. Brenner.

82. Massive endscraper on a flake with scraper-like retouch on the right edge. Chert of Krumlovský les type, variety I. Length – 40 mm, width – 32 mm, thickness – 16 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 982. Plate V: 3.
83. Endscraper on a core fragment. Burnt chert of Krumlovský les type, variety I. Length – 40 mm, width – 40 mm, thickness – 20 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 983. Plate XII: 7.
84. Core with blade negatives. Siliceous weathering product of serpentinite. Dimensions: 42×41×21 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 984. Plate XII: 10.
85. Bifacially retouched artifact (firestone?) with wear traces on both ends. Chert of Krumlovský les type, variety I. Length – 69 mm, width – 27 mm, thickness – 21 mm. Access No. Pa 17/27; Palliardi's collection inv. No. 985. Plate XII: 9.
86. Endscraper on a massive flake. Chert of Krumlovský les type, variety I. Length – 65 mm, width – 39.5 mm, thickness – 18 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 986.
87. Endscraper on a massive flake with steep scraping edge. Chert of Krumlovský les type, variety I. Length – 62 mm, width – 29 mm, thickness – 20 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 987. Plate V: 9.
88. Endscraper on a flake, both edges with denticulated retouch, sickle gloss on the right side. Spotted chert of Świeciechów type. Length – 49.5 mm, width – 25 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 988. Plate XXIII: 6.
89. Endscraper on an axe fragment, with retouched sides and wear traces on both ends. Chert of Krumlovský les type, variety II. Length – 52.2 mm, width – 23 mm, thickness – 13 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 989.
90. Blade with bilateral retouch and sickle gloss on the right side. Chert of Krumlovský les type, variety II. Length – 44 mm, width – 15 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 990. Plate IV: 16.
91. Blade with functional retouch on the right edge. Light brown radiolarite. Length – 33.5 mm, width – 27 mm, thickness – 5 mm. Access No. 17/24; Palliardi's collection inv. No. 991. Plate II: 5.
92. Blade. Siliceous weathering product of serpentinite. Length – 48 mm, width – 12 mm,

thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 992. Plate XXII: 1.

93. Blade, denticulated retouch and sickle gloss on the left side. Siliceous weathering product of serpentinite (after Medunová-Benešová 1981, 125: of *Jaspis*). Length – 49 mm, width – 15 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 993. Plate IV: 13.

94. Endscraper with a steep scraping edge on a flake. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 30 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 994.

95. Endscraper with a steep scraping edge on a thick, partially cortical flake, retouched on the right edge. Chert of Krumlovský les type, variety I.

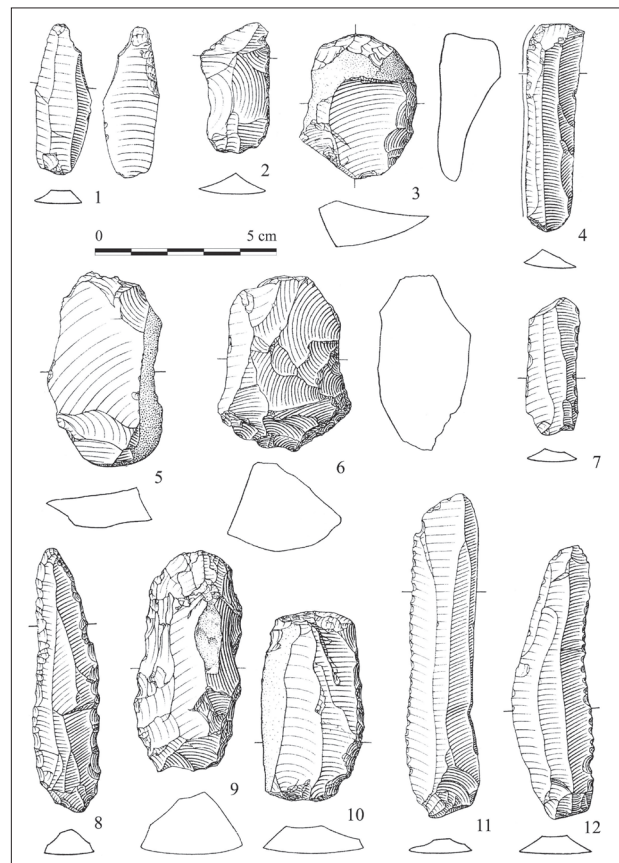


Plate V. Jevišovice. Hillfort *Starý Zámek*. 1-12 – Layer C. 1-3, 5-7, 9,10 – drawn by J. Brenner; 4 – after Šebela, Přichystal, Škrdla, Humpolová 2015; 8, 11, 12 – after Medunová-Benešová 1981; 11 – the catalogue does not include.

Tabulka V. Jevišovice. Hradisko *Starý Zámek*. 1-12 – vrstva C. 1-3, 5-7, 9,10 – kresba J. Brenner; 4 – podle Šebela, Přichystal, Škrdla, Humpolová 2015; 8, 11, 12 – podle Medunová-Benešová 1981; 11 – předmět není zahrnut do katalogu.

Length – 43 mm, width – 30 mm, thickness – 18 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 995.

96. "Endscraper". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 996 (not identified by the authors).

97. Splintered piece. Chert of Krumlovský les type, variety II. Length – 25 mm, width – 34 mm, thickness – 14 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 997. Plate XII: 4.

98. Blade core in the early stage of exploitation with a rounded striking platform and cortical sides. Siliceous weathering product of serpentinite. Dimensions: 34×27×20 mm. Access No. Pa 17/24; inv. No. 998. Plate VIII: 9.

99. Squared rock chunk. Chert of Krumlovský les type, variety I. Dimensions: 64×64×53 mm. Access No. Pa 7/24; Palliardi's collection inv. No. 2160 (after Medunová-Benešová 1981, 61: incorrectly inv. No. 2180). Plate II: 4.

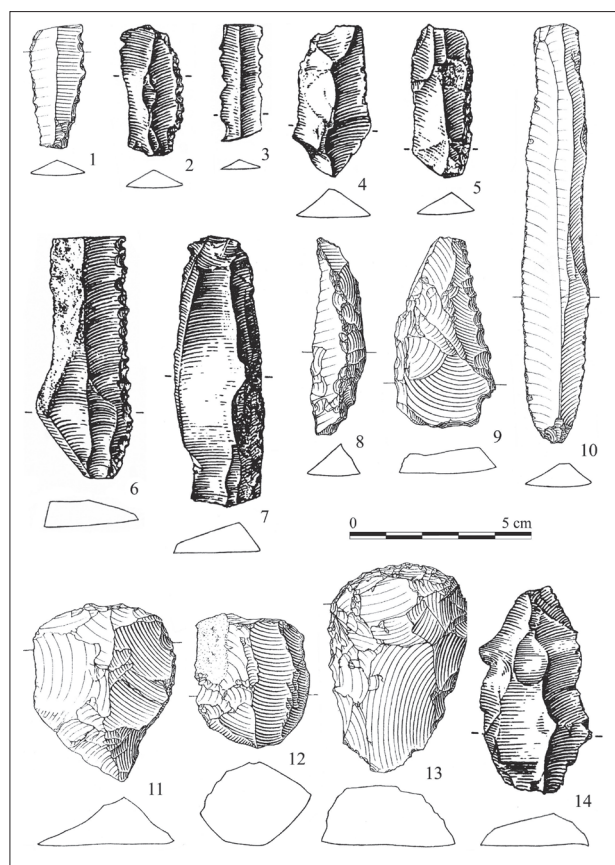


Plate VI. Jevišovice. Hillfort *Starý Zámek*. 1-14 – Layer B. After Kopacz, Přichystal, Šebela 2014.

Tabulka VI. Jevišovice. Hradisko *Starý Zámek*. 1–14 – vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

100. Rock chunk with a test negative scar (after Medunová-Benešová 1981: *Kernstück eines Hornsteines*). Chert of Krumlovský les type, variety II. Dimensions: 60×59×26 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2173. Plate I: 8.

101. Massive endscraper on a flake with retouched edges. Chert of Krumlovský les type, variety I. Length – 70 mm, width – 43 mm, thickness – 24 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2195. Plate II: 1.

102. Endscraper on a massive blade, edges retouched with traces of utilization. Chert of Stránská skála type. Length – 68 mm, width – 31 mm, thickness – 23 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2196. Plate I: 9.

103. Endscraper with a steep scraping edge on a massive blade with occasional edge retouch. Chert of Krumlovský les type, variety I. Length – 62.5 mm, width – 30 mm, thickness – 17.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2197.

104. "Endscraper". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2198 (not identified by the authors).

105. Endscraper on a massive, wide flake. Chert of Krumlovský les type, variety I. Length – 67 mm, width – 57 mm, thickness – 18 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2199.

106. "Battered yellow flint". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2200 (not identified by the authors).

107. Endscraper with a steep scraping edge on a massive flake. Chert of Krumlovský les type or chert of Stránská skála type. Length – 48 mm, width – 39 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2201. Plate II: 2.

108. High endscraper on a flake with occasional retouch on both edges. Chert of Krumlovský les type, variety I. Length – 50 mm, width – 34 mm, thickness – 21.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2202. Plate I: 7.

109. "Endscraper". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2203 (not identified by the authors).

110. Flake with partial cortex, partially retouched. Chert of Krumlovský les type, variety II. Length

- 50 mm, width – 23 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No 2204. Plate II: 8.
111. Blade with cortex on the terminal segment. Chert of Krumlovský les type, variety II. Length – 61; 5 mm, width – 25;5 mm, thickness – 10.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2205. Plate II: 3.
112. Blade with traces of black resin, retouch and sickle gloss on the right side, left edge partially cortical. Silicite from glacial sediments. Length – 47 mm, width – 18 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2206. Plate I: 6.
113. "Small knife made of quartz". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2207 (not identified by the authors).
114. Blade. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 11 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2208.
115. Endscraper with a steep scraping edge on a flake. Chert of Krumlovský les type, variety I. Length – 47 mm, width – 35 mm, thickness – 17 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2209. Plate XIII: 6.
116. Endscraper on flake, side edges retouched. Chert of Krumlovský les type, variety I. Length – 46 mm, width – 35 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2210. Plate XIII: 7.
117. "Endscraper of flint". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2211 (not identified by the authors).
118. Flake. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 28 mm, thickness – 9.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2212.
119. Blade, retouch and sickle gloss on the left edge. Silicite from glacial sediments. Length – 47 mm, width – 20 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2213. Plate XIII: 1.
120. Endscraper with a steep scraping edge on a flake (*unguiforme*). Siliceous weathering product of serpentinite. Length – 27 mm, width – 27 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2214.
121. Endscraper on a flake. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 37 mm, thickness – 14 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2215.
122. Blade with cortex on the terminal segment. Siliceous weathering product of serpentinite. Length – 57 mm, width – 22 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2216. Plate XIII: 4.
123. Blade, terminal segment diagonally broken, denticulated retouch and sickle on the left edge. Silicite from glacial sediments. Length – 47 mm, width – 19.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2217. Plate XIII: 2.
124. Blade. Siliceous weathering product of serpentinite. Length – 47 mm, width – 16 mm, thickness – 3 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2218.
125. "Small knife made of chert". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2219 (not identified by the authors).

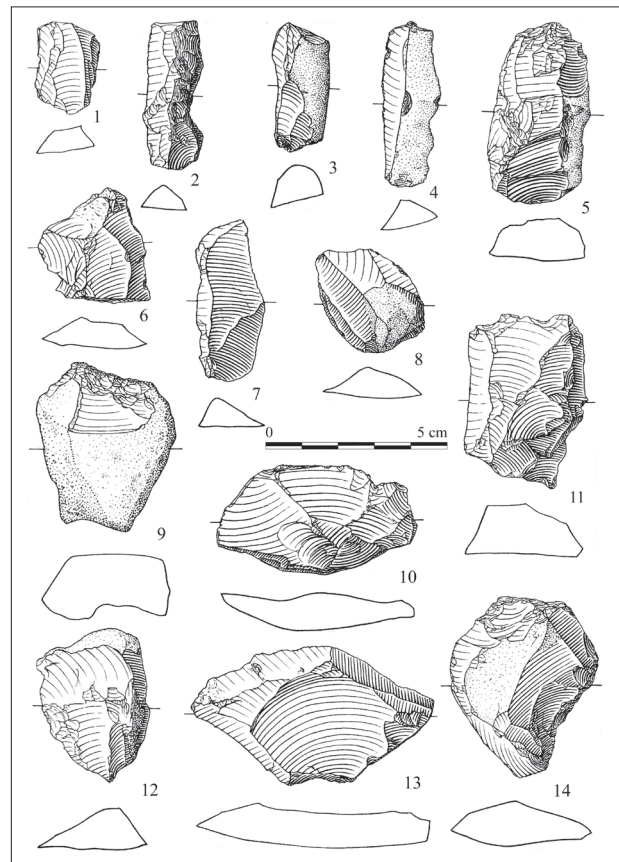


Plate VII. Jevišovice. Hillfort *Starý Zámek*. 1-14 – Layer B. After Kopacz, Přichystal, Šebela 2014.
Tabulka VII. Jevišovice. Hradisko *Starý Zámek*. 1-14 – vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

126. Blade. Silicite from glacial sediments. Length – 39.5 mm, width – 16 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2220. Plate IV: 18.
127. Sidescraper on a blade-like flake, right edge re-touched. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 20 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2221. Plates IV: 15; XXII: 6.
128. Blade with cortex on the left edge. Silicite from glacial sediments. Length – 38 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2222. Plate IV: 10.
129. "Small knife made of chert". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2223 (not identified by the authors).
130. Borer on a blade. Chert of Krumlovský les type, variety II. Length – 42 mm, width – 16 mm, thickness – 5.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2224. Plate V: 1.
131. Blade, right edge denticulated, left edge with occasional retouch and sickle gloss. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 15 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2225.
132. Blade. Silicite from glacial sediments. Length – 37 mm, width – 11.5 mm, thickness – 3 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2226. Plate I: 3.
133. Blade. Rock *Non vidi* (after Medunová-Benešová, 1981, 125: *aus Hornstein, grau*). Length – 37 mm, width – 19 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 2227. Plate IV: 11.
134. "Knife made of chert". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 2350 (not identified by the authors).
135. Rock chunk. Chert of Krumlovský les type variety I. Dimensions: 77×39×28 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 3078.

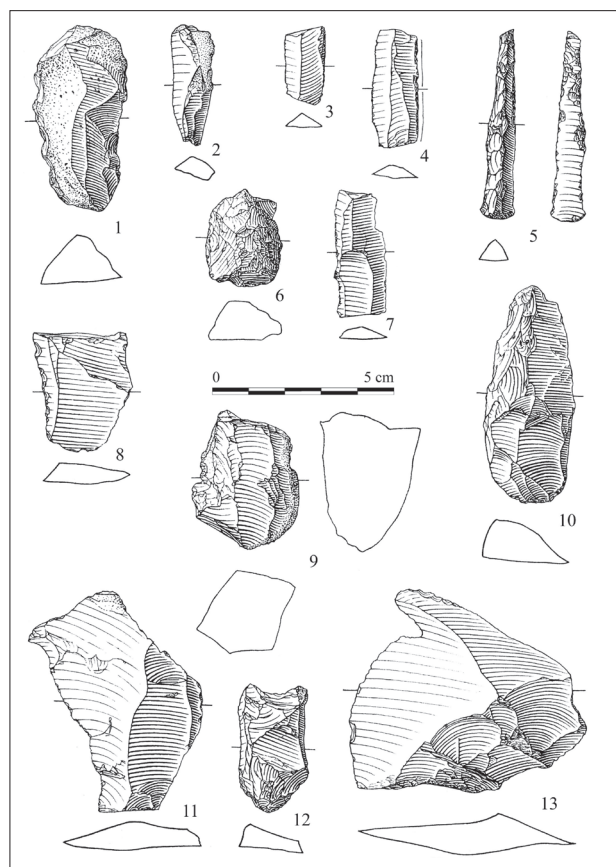


Plate VIII. Jevišovice. Hillfort *Starý Zámek*. 1-13 – Layer B. After Kopacz, Přichystal, Šebela 2014.
Tabulka VIII. Jevišovice. Hradisko *Starý Zámek*. 1-13 – vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

136. Endscraper on a flake (*unguiforme*). Chert of Krumlovský les type, variety I. Length – 42.5 mm, width – 29.5 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 3079. Plate IV: 20.
137. Laminar flake with occasional retouch on the dorsal side. Length – 58 mm, width – 28 mm, thickness – 13 mm. KL II. Access No. Pa 17/24; Palliardi's collection inv. No. 3504. Plate VI: 13.
138. Sub-crested blade with regular triangular transversal cross-section. Length – 54 mm, width – 15 mm, thickness – 10 mm. Chert of Krumlovský les type, variety II (?). Access No. Pa 17/24; Palliardi's collection inv. No. 3505. Plate VI: 8.
139. Flat oblong polished tool, possibly *Krummesser*; entire surface polished with an intentionally shaped working edge (after Medunová-Benešová 1972; 150: *flacher geglätteter Rollstein*). Length – 79.5 mm, width – 26 mm, thickness – 9.5 mm. Slightly calcareous fine-grained sandstone (magnetic susceptibility 0.00×10^{-3} SI). Access No. Pa 17/24; inv. No. 3509. Plate XI: 1.
140. Flat oblong polished tool, possibly *Krummesser*; entire surface polished with an intentionally shaped working edge. Silicified spiculite mudstone? (magnetic susceptibility 0.00×10^{-3} SI). Length – 105 mm, width – 35 mm, thickness – 11 mm. Access No. Pa 17/24; inv. No. 3511. Plate XI: 2.

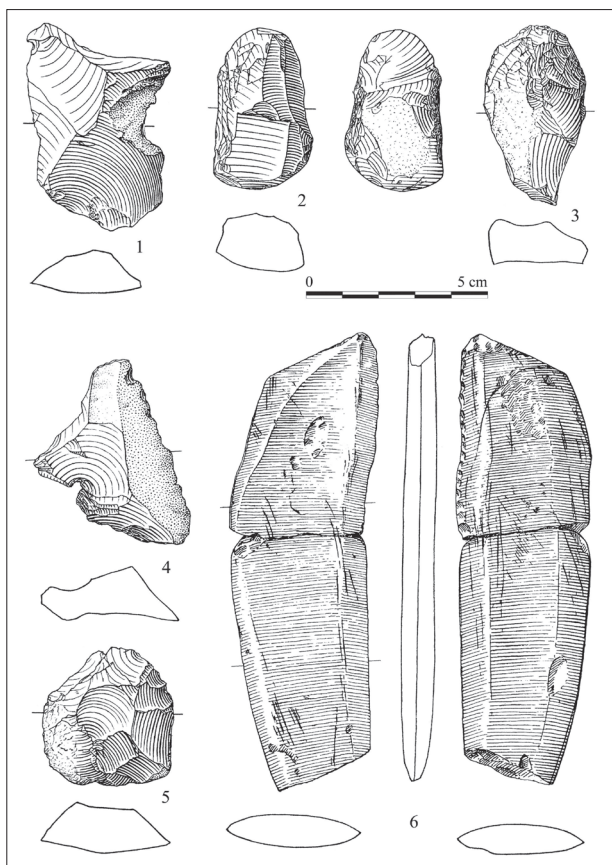


Plate IX. Jevišovice. Hillfort *Starý Zámek*. 1-6 – Layer B. After Kopacz, Přichystal, Šebela 2014.

Tabulka IX. Jevišovice. Hradisko *Starý Zámek*. 1-6 – vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

141. Flat oblong artifact, probably unfinished *Krummesser*; entire surface polished with an intentionally shaped working edge (after Medunová-Benešová 1972; 150: *Schliefstein aus Sandstein*). Length – 111.5 mm, width – 45 mm, thickness – 10 mm. Deep brown (in the Munsell scale: 2.5/2 to 2.5/3) muscovite arcoss sandstone from the Boskovice Furrow (magnetic susceptibility 0.00×10^{-3} SI). Access No. Pa 17/24; inv. 3513. Plate X: 8.
142. *Krummesser* entire surface polished with utilization retouch on a slightly concave edge (after Palliardi's inventory book: *brousek*). Yellow-brown silicified sandstone; with reddish stripe up to 2 mm wide on the distal segment (magnetic susceptibility 0.07×10^{-3} SI). Length – 120 mm, width – 37 mm, thickness – 9 mm. Access No. Pa 17/24; inv. No. 3580. Plate IX: 6.
143. Thick flake with a cortical butt. Siliceous weathering product of serpentinite. Length – 46 mm, width – 32.5 mm, thickness – 16 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/1. Plate VII: 11.
144. Irregular blade, partially cortical. Siliceous weathering product of serpentinite. Length – 47 mm, width – 31 mm, thickness – 10 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/2. Plate VII: 14.
145. Technical chunk. Smoky quartz. Dimensions: 27×21×11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/3. Plate VIII: 6.
146. Irregular blade with occasional retouch and utilization. Siliceous weathering product of serpentinite. Length – 44.5 mm, width – 20 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/4. Plate X: 6.
147. Massive irregular blade, partially cortical with a triangular cross-section. Chert of Krumlovský les type, variety I. Length – 49 mm, width – 24.5 mm, thickness – 14.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/5. Plate VIII: 1.
148. Thin regular blade. Siliceous weathering product of serpentinite. Length – 34 mm, width – 15 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/6. Plate VIII: 7.
149. Crested blade. Siliceous weathering product of serpentinite. Length – 41 mm, width – 16 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/7. Plate VII: 2.
150. Thick quasi-circular flake. Siliceous weathering product of serpentinite. Length (along the percussion axis) – 37 mm, width – 38 mm, thickness – 15.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/8. Plate IX: 5.
151. Thick flake. Siliceous weathering product of serpentinite. Length – 66 mm, width – 39 mm, thickness – 14 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/9. Plate VII: 13.
152. Laminar flake. Chert of Krumlovský les type, variety I. Length – 61 mm, width – 35.5 mm, thickness – 10 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/10. Plate VIII: 11.
153. Distal segment of a massive retouched blade, partially cortical. Siliceous weathering product of serpentinite. Preserved length – 53.5 mm, width – 35 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/11. Plate X: 3.
154. Flake. Chert of Krumlovský les type, variety I. Length – 46 mm, width – 32 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/12. Plate X: 2.

155. Fan-shaped flake. Siliceous weathering product of serpentinite. Length (along the percussion axis) – 30.5 mm, width – 54 mm, thickness – 11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/13. Plate VII: 10.
156. Flake with a small linear butt, partially cortical. Siliceous weathering product of serpentinite. Length – 33 mm, width – 25 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/14. Plate VII: 7.
157. Flake with a linear butt. Siliceous weathering product of serpentinite. Length – 33 mm, width – 25 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/15. Plate VIII: 8.
158. Irregular flake. Siliceous weathering product of serpentinite. Length – 40 mm, width – 16 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/16. Plate VII: 3.
159. Massive blade with a linear butt. Siliceous weathering product of serpentinite. Length – 59 mm, width – 24.5 mm, thickness – 11.5 mm.

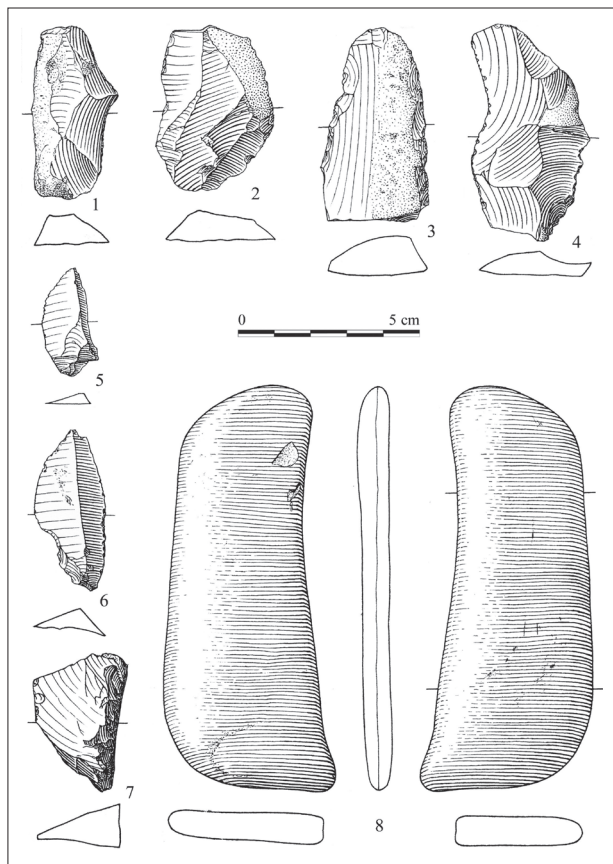


Plate X. Jevišovice. Hillfort *Starý Zámek*. 1-8 – Layer B. After Kopacz, Přichystal, Šebela 2014.

Tabulka X. Jevišovice. Hradisko *Starý Zámek*. 1-8 – vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

- Access No. Pa 17/24; Palliardi's collection inv. No. 4903/17. Plate VIII: 10.
160. Irregular flake. Siliceous weathering product of serpentinite. Length – 32 mm, width – 29 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/18. Plate VII: 6.
161. Massive irregular flake with a wide flat butt. Spilite volcanoclastic rock with pyrite and limonite bands (magnetic susceptibility 0.30×10^{-3} SI). Length – 54 mm, width – 66 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/19. Plate VIII 13.
162. Splintered piece; in most parts cortical. Siliceous weathering product of serpentinite. Length – 47 mm, width – 38 mm, thickness – 20.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/20. Plate VII: 9.
163. Massive flake. Siliceous weathering product of serpentinite. Length – 61 mm, width – 40.5 mm, thickness – 11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/21. Plate IX: 1.
164. Massive flake. Length – 48.5 mm, width – 40.5 mm, thickness – 15.5 mm. Chert of Krumlovský les type, variety I. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/22. Plate X: 1.
165. Laminar flake with a wide flat butt. Length – 58 mm, width – 32 mm, thickness – 13 mm. Chert of Krumlovský les type, variety II. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/23. Plate X: 4.
166. Massive flake, partially cortical. Siliceous weathering product of serpentinite. Length – 51 mm, width – 27.5 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/24. Plate VII: 5.
167. Technical chunk. Chert of Krumlovský les type, variety I. Dimensions: 38×26×12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/25. Plate X: 7.
168. Technical chunk. Chert of Krumlovský les type, variety I. Dimensions: 46×19×7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/26. Plate VIII: 12.
169. Remnant flake core. Chert of Krumlovský les type, variety II (?). Dimensions: 45×27×15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/27. Plate IX: 2.

170. Technical chunk. Siliceous weathering product of serpentinite. Dimensions: 52×45×13 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/28. Plate IX: 4.
171. Technical chunk or core fragment. Chert of Krumlovský Les type, variety I. Dimensions: 50×28×12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/29. Plate IX: 3.
172. Wide flake, partially cortical with a linear butt. Siliceous weathering product of serpentinite. Length – 30.5 mm, width – 43 mm, thickness – 12 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/30. Plate VII: 12.
173. Occasional blade. Chert of Krumlovský Les type, variety II ?. Length – 33.5 mm, width – 12 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/31. Plate VIII: 2.
174. Splinter. Chert of Krumlovský Les type, variety II; slightly burnt. Length – 30 mm, width – 15 mm, thickness – 3mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/32. Plate X: 5.
175. Blade fragment. Length – 22 mm, width – 11 mm, thickness – 4 mm. Chert of Krumlovský les type, variety I. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/33. Plate VIII: 3.
176. Bladelet, partially cortical. Length – 28.5 mm, width – 12 mm, thickness – 4.5 mm. Siliceous weathering product of serpentinite. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/34.
177. Regular blade, partially cortical. Siliceous weathering product of serpentinite. Length – 45 mm, width – 17 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/35. Plate VII: 4.
178. Blade. Siliceous weathering product of serpentinite. Length – 44 mm, width – 20 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/36. Plate VII: 8.
179. Splinter. Siliceous weathering product of serpentinite. Length – 26 mm, width – 17.5 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/37. Plate VII: 1.
180. Regular blade with functional retouch and sickle gloss on one lateral edge. Chalcedony breccia. Length – 33 mm, width – 13 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/38. Plate VIII: 4.
181. Slim, thin blade with denticulated retouch on both lateral edges. Length – 27 mm. Rock *Non vidi*. Access No. Pa 17/24; Palliardi's collection inv. No. probably 4903/39 (not identified by the authors). Plate VI: 3.
182. Laminar flake with traces of utilization retouch. Length – 41 mm; width – 20 mm, thickness – 8 mm.. Rock *Non vidi*. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/40 (not identified by the authors). Plate VI: 4.
183. "Artifact". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 4903/41 (not identified by the authors).
184. Massive endscraper on a blade core fragment. Length – 49 mm, width – 33 mm, thickness – 13 mm. Chert of Krumlovský les type, variety I. Access No. Pa 17/24; Palliardi's collection inv. No. 4904. Plate VI: 12.

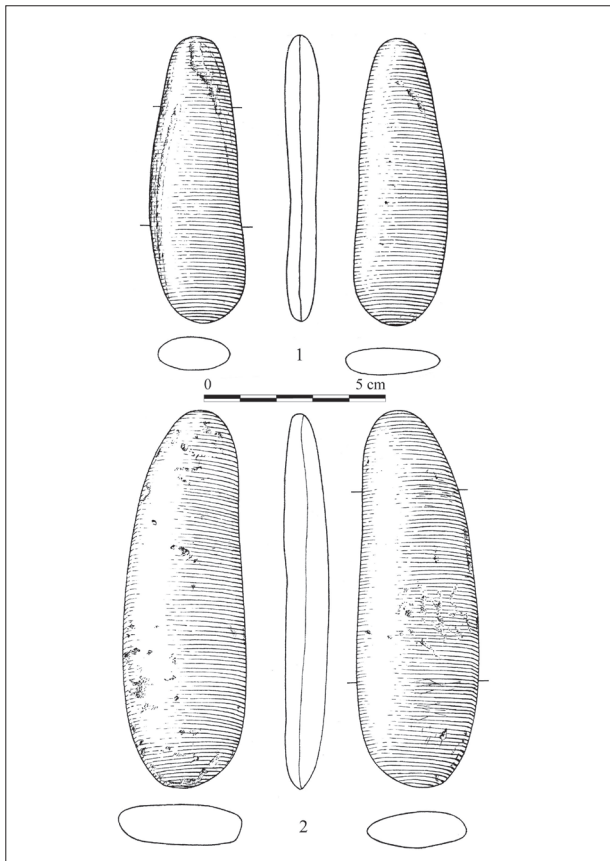


Plate XI. Jevišovice. Hillfort *Starý Zámek*. 1 – lithic artifact (*Krummesser*) without cultural context; 2 – lithic artifact (*Krummesser*) of the Jevišovice culture, Layer B. After Kopacz, Přichystal, Šebela 2014.

Tabulka XI. Jevišovice. Hradisko *Starý Zámek*. 1 – kamenný nástroj (*Krummesser*) bez kulturní příslušnosti; 2 – kamenný nástroj (*Krummesser*) jevišovické kultury, vrstva B. Podle Kopacz, Přichystal, Šebela 2014.

185. Blade, retouched along one edge. Rock *Non videt*. Length – 41 mm, width – 17 mm, thickness – 7 mm. Access No. Pa 17/24; inv. No. 4905. Plate VI: 5.

186. Blade with denticulated retouch on both lateral edges. Siliceous weathering product of serpentinite. Length – 29 mm, width – 13 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4906. Plate VI: 1.

187. "Large worked-out patinated flint". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 4911 (not identified by the authors).

188. Knife on massive flake. Chert of Krumlovský les type, variety I. Length – 82.5 mm, width – 38 mm, thickness – 18 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4912.

189. Massive endscraper with a steep scraping edge on a flake. Chert of Krumlovský les type, variety

I. Length – 49.5 mm, width – 30 mm, thickness – 16 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4913. Plate XIII: 10.

190. Endscraper on a flake. Chert of Krumlovský les type, variety I. Length – 50 mm, width – 34 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4914. Plate XIV: 15.

191. Endscraper on a blade. Siliceous weathering product of serpentinite. Length – 37.5 mm, width – 21 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4915. Plate XIV: 12.

192. Endscraper on a blade with cortex. Siliceous weathering product of serpentinite. Length – 38 mm, width – 17 mm, thickness – 10 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4916.

193. Blade with denticulated retouch and sickle gloss on the left edge. Chert of Krumlovský les type, variety I. Length – 40 mm, width – 17.5 mm, thickness – 8 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4917.

194. Bladelet with occasional retouch on both edges. Chert of Krumlovský les type, variety II, burnt. Length – 42 mm, width – 15.5 mm, thickness – 7 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4918.

195. Small splintered piece. Chert of Krumlovský les type, variety II. Length – 18 mm, width – 11 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4919.

196. Splinter. Chert of Krumlovský les type, variety II. Length – 27 mm, width – 15 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4920.

197. Endscraper on a flake. Chert of Krumlovský les type, variety II. Length – 24 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4921.

198. Boring tool with retouch on the left edge. Chert of Krumlovský les type, variety I. Length – 31 mm, width – 16.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4922.

199. Endscraper on a flake (*unguiforme*). Chert of Krumlovský les type, variety II. Length – 24 mm, width – 24 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4923. Plate XIV: 5.

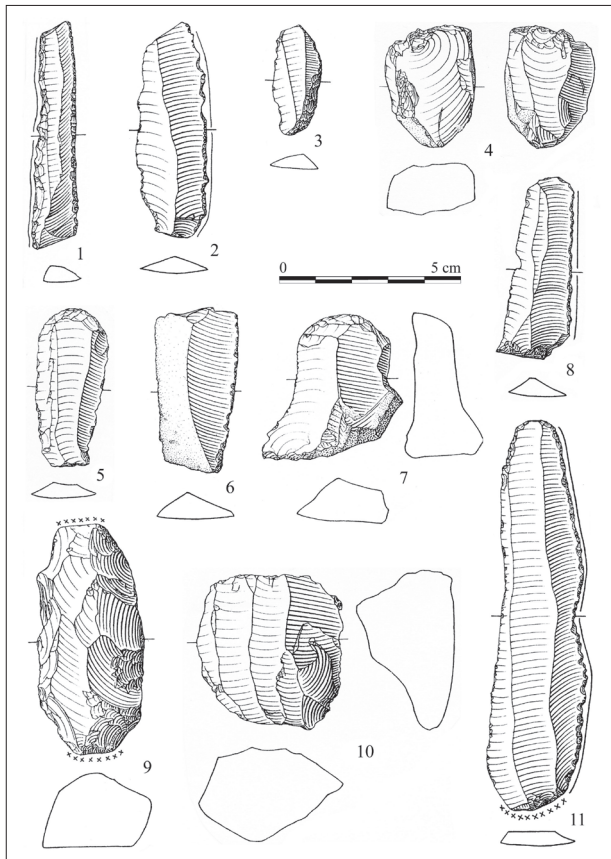


Plate XII. Jevišovice. Hillfort *Starý Zámek*. 1-4, 6-11 – Palliardi's research, finds without cultural context; 5 – Layer C. Drawn by J. Brenner.

Tabulka XII. Jevišovice. Hradisko *Starý Zámek*. 1-4, 6-11 – výzkum J. Palliardiho, nálezy bez kulturní příslušnosti; 5 – vrstva C. Kresba J. Brenner.

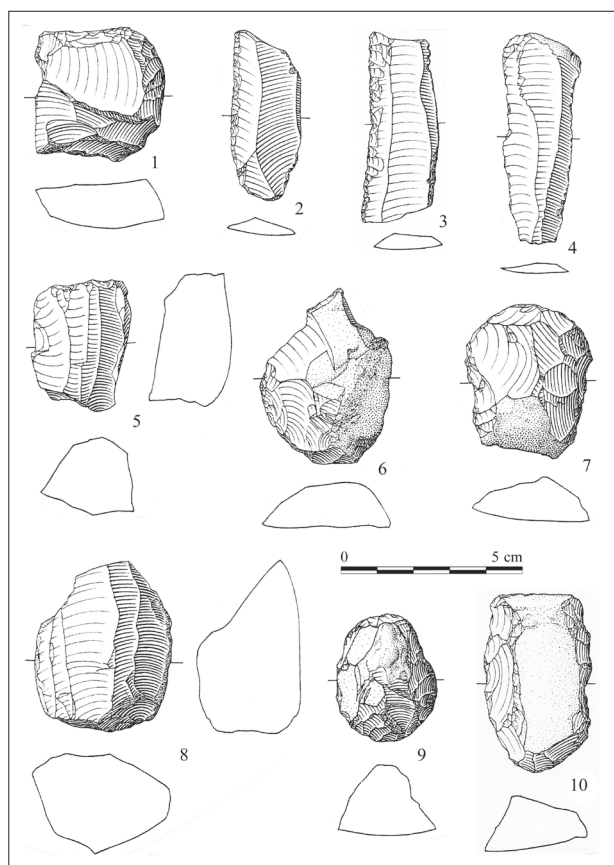


Plate XIII. Jevišovice. Hillfort *Starý Zámek*. 1-10 – Palliardi's research, finds without cultural context. 1, 2, 4-10 – drawn by J. Brenner; 3 – after Šebela, Přichystal, Škrdla, Humpolová in press.

Tabulka XIII. Jevišovice. Hradisko *Starý Zámek*. 1-10 – výzkum J. Palliardiho, nálezy bez kulturní příslušnosti. 1, 2, 4-10 – kresba J. Brenner; 3 – podle Šebela, Přichystal, Škrdla, Humpolová v tisku.

200. Endscrapper on a flake (*unguiforme*). Siliceous weathering product of serpentinite. Length – 25 mm, width – 22 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4924. Plate XIV: 2.
201. Endscrapper on a flake (*unguiforme*). Chert of Krumlovský les type, variety I. Length – 23 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4925.
202. Flake with cortex. Chert of Krumlovský les type, variety II. Length – 35 mm, width – 25 mm, thickness – 5.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4926.
203. Blade with bilateral occasional retouch, partially denticulated. Silicite from glacial sediments. Length – 46 mm, width – 21.5 mm, thickness – 3 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4927. Plate XIV: 8.
204. Blade with functional retouch on the left edge. Chert of Olomučany type. Length – 47 mm, width – 16 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4928. Plates XIV: 9; XXII: 9.
205. Endscrapper on a blade. Siliceous weathering product of serpentinite. Length – 43.5 mm, width – 22.5 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4930.
206. Endscrapper on a blade. Chert of Krumlovský les type, variety II. Length – 44 mm, width – 23 mm, thickness – 11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4931. Plate XIV: 6.
207. Blade, retouch and sickle gloss on the right edge. Silicite from glacial sediments – Danian. Length – 44 mm, width – 2 mm, thickness – 7.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4932. Plate XIV: 10.
208. Blade-like flake with occasional retouch on the right edge, terminal part used as a borer. Chert of Krumlovský les type, variety II. Length – 42 mm, width – 23 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4933. Plates XIV: 11; XXII: 8.
209. Blade with cortex fragment. Siliceous weathering product of serpentinite. Length – 40 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4934.
210. Blade. Siliceous weathering product of serpentinite. Length – 38 mm, width – 13.5 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4935.
211. Truncated blade with functional retouch on the left edge. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 12.5 mm, thickness – 4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4936. Plate XIV: 4.
212. Endscrapper on a blade. Siliceous weathering product of serpentinite. Length – 31.5 mm, width – 14.5 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4937.
213. Blade. Siliceous weathering product of serpentinite. Length – 36.5 mm, width – 7 mm, thickness – 3.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4938.

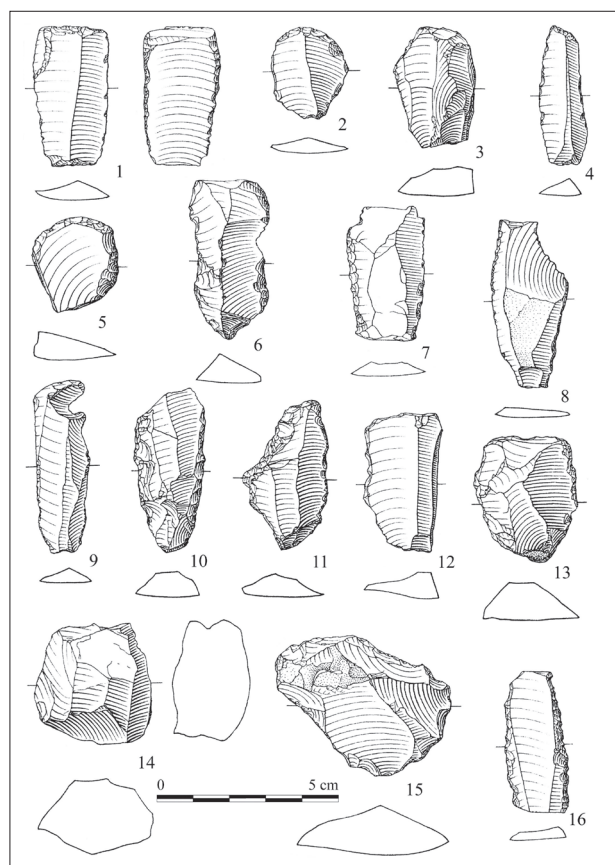


Plate XIV. Jevišovice. Hillfort *Starý Zámek*. 1-16 – Palliardi's research, finds without cultural context. 1, 16 – after Šebela, Přichystal, Škrdla, Humpolová 2015; 2-15 – drawn by J. Brenner; 7 – the catalogue does not include.

Tabulka XIV. Jevišovice. Hradisko *Starý Zámek*. 1-16 – výzkum J. Palliardiho, nálezy bez kulturní příslušnosti. 1, 16, - podle Šebela, Přichystal, Škrdla, Humpolová 2015; 2-15 – kresba J. Brenner; 7 – předmět není zahrnut do katalogu.

214. Terminal part of a flake. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4940.
215. Blade. Chert of Krumlovský Les type, variety II. Length – 36 mm, width – 11 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4941.
216. Blade. Siliceous weathering product of serpentinite. Length – 32 mm, width – 15 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4942.
217. Sidescraper on a flake. Chert of Krumlovský les type, variety I. Length – 22 mm, width – 41.5 mm, thickness – 9 mm. Access No. Pa 17/24 (17/78); Palliardi's collection inv. No. 4943.
218. Endscraper on a flake with a steep scraping edge. Chert of Krumlovský les type, variety I. Length – 34 mm, width – 22 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4944. Plate XIV: 3.
219. Blade-like flake. Siliceous weathering product of serpentinite. Length – 39 mm, width – 21 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4945.
220. Flake with worn side edges (firestone?). Chert of Krumlovský les type, variety I. Length – 35 mm, width – 28 mm, thickness – 10.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4946. Plate XIV: 13.
221. Endscraper on a flake. Chert of Krumlovský les type, variety I. Length – 36.5 mm, width – 29 mm, thickness – 19 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4947. Plate XIII: 9.
222. Core. Burnt chert of Krumlovský les type, variety I. Dimensions: 35×33×22 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4948. Plate XIV: 14.
223. Core with blade negatives. Chert of Krumlovský les type, variety I. Dimensions: 37×23×22 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4949. Plate XIII: 5.
224. Core with blade negatives. Siliceous weathering product of serpentinite. Dimensions: 48×28×37 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4950. Plate XIII: 8.
225. "Core fragments of flint and other siliceous rocks" (number unknown). Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 4951 (not identified by the authors).
226. "Core fragments of flint and other siliceous rocks" (number unknown). Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 4952 (not identified by the authors).
227. "Core fragments of flint and other siliceous rocks" (number unknown). Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 4953 (not identified by the authors).
228. Sidescraper on a flake. Chert of Krumlovský les type, variety I. Length – 58 mm, width – 32 mm, thickness – 13.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 4954.

229. Core with flake negatives. Chert of Krumlovský les type, variety I. Dimensions: 32×31×18.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5006. Plate XVII: 3.
230. "Worked-out flint". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 5007 (not identified by the authors).
231. Laminar splinter with occasional denticulated retouch on the right edge. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 19 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5008. Plate V: 2.
232. Endscraper on a blade. Chert of Krumlovský les type, variety I. Length – 41 mm, width – 19 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5009. Plate IV: 19.
233. Blade-like flake. Chert of Krumlovský les type, variety I. Length – 40.5 mm, width – 20 mm, thickness – 8.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5010. Plate IV: 12.

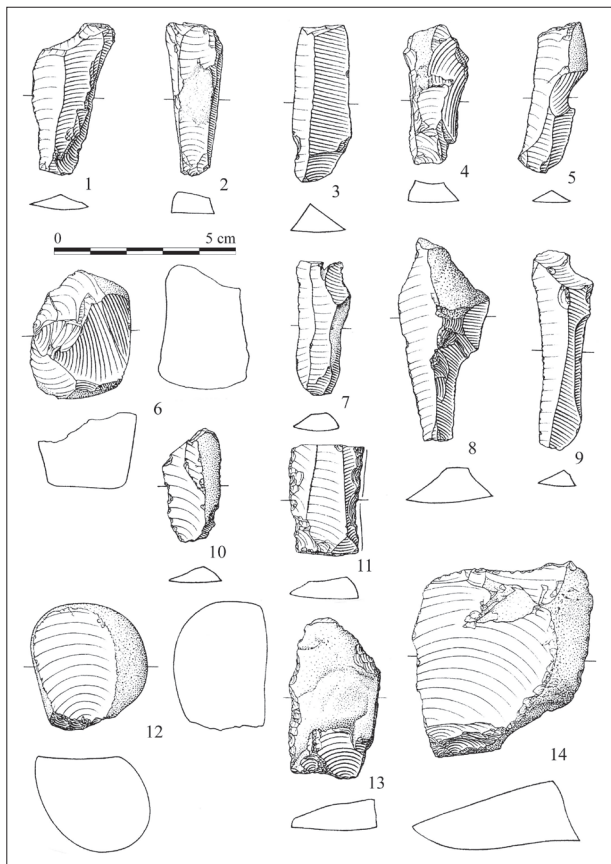


Plate XV. Jevišovice. Hillfort *Starý Zámek*. 1-14 – Palliardi's surface collections. Drawn by J. Brenner.
Tabulka XV. Jevišovice. Hradisko *Starý Zámek*. 1-14 – povrchové sběry J. Palliardiho. Kresba J. Brenner.

234. "Small knife made of flint". Rock *Non videt*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 5011.
235. Terminal part of a blade with occasional retouch on both edges on the terminal segment. Silicite from glacial sediments. Length – 31 mm, width – 18 mm, thickness – 5.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5012. Plate IV: 6.
236. Blade with functional retouch on both edges. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 12 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5013. Plate III: 2.
237. Truncated blade, terminal part broken. Chert of Krumlovský les type, variety I. Length – 27 mm, width – 10 mm, thickness – 4 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5014. Plate III: 4.
238. Blade with occasional retouch on both edges. Chert of Krumlovský les type, variety I. Dimensions: 24×10×4.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5015. Plate III: 3.
239. Boring tool on a blade with a broken point, partially cortical. Bavarian *Plattensilex* of the Arnhofen type. Length – 27 mm, width – 10 mm, thickness – 3 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 5016 (after Medunová-Benešová 1981; 123: incorrectly listed under inv. No. 5056; which corresponds to bone artifacts). Plate III: 5.
240. Massive blade, partially cortical with regular continuous denticulated retouch on one edge. Length – 66 mm, width – 25.5 mm, thickness – 9 mm. Jurassic silicite from the Cracow-Częstochowa Upland, probably of the Gójšć variety. Access No. Pa 17/24; inv. No. 5026. Plate VI: 6.
241. Massive blade. Length – 73.5 mm, width – 25 mm, thickness – 8 mm. Silicite from glacial sediments – Danian. Access No. Pa 17/24; inv. No. 5027. Plate VI: 7.
242. Flake on a pebble, partially cortical. Chert of Krumlovský les type, variety I. Length – 62 mm, width – 38 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6924, Plate III: 1.
243. Flake. Siliceous weathering product of serpentinite (plazma). Length – 41 mm, width – 32 mm, thickness – 19 mm. Access No. Pa 17/24;

Palliardi's collection inv. No.6925 (after Medunová-Benešová 1981, 61: inv. No. 6935). Plate I: 5.

244. Blade with occasional retouch and sickle gloss on the left side. Siliceous weathering product of serpentinite. Length – 34 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6926. Plate II: 6.

245. Endscraper on a blade. Chert of Krumlovský les type, variety II or chert of Stránská skála type. Length – 36.5 mm, width – 22 mm, thickness – 9 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6968. Plate I: 4.

246. Endscraper on a blade; denticulated retouch on the right edge. Chert of Krumlovský les type, variety II. Length – 43 mm, width – 19 mm, thickness – 11 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6969. Plate II: 7.

247. "Knife made of flint". Rock *Non vidi*. Dimensions unknown. Access No. Pa 17/24; Palliardi's collection inv. No. 6970 (not identified by the authors).

248. Endscraper with a steep scraping edge on a blade and retouched edges. Chert of Krumlovský les type, variety II. Length – 36.5 mm, width – 25.5 mm, thickness – 15 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6971. Plate XVII: 6.

249. Blade with proximal segment missing, with functional retouch and sickle gloss on the right edge. Siliceous weathering product of serpentinite. Length – 30 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 6972.

250. Bladelet. Chert of Olomučany type. Length – 33 mm, width – 13 mm, thickness – 4 mm. Access. No. Pa 17/24; Palliardi's collection inv. No. 6973. Plate XVII: 4.

251. Endscraper on a blade with sickle gloss and slight retouch on the right edge. Jurassic silicite from the Cracow-Częstochowa Upland (?). Length – 58.5 mm, width – 15 mm, thickness – 10 mm. Access. No. Pa 17/24; Palliardi's collection inv. No. 7012. Plates V: 4; XXIV: 1.

252. "Endscraper made of flint". Rock *Non vidi*. Dimensions unknown. Access. No. Pa 17/24; Palliardi's collection inv. No. 7063 (not identified by the authors).

253. "Scraper". Rock *Non vidi* (in J. Palliardi's inventory book: chert/*rohovec*). Dimensions unknown.

Access No. Pa 17/24; inv. No. 7438 (not identified by the authors). Plate VI: 11 (uncertain).

254. Flake. Siliceous weathering product of serpentinite. Length – 42 mm, width – 33 mm, thickness – 12 mm. Access. No. Pa 17/24; Palliardi's collection inv. No. 7439 (6262). Plate XVII: 2.

255. Endscraper on a flake. Chert of Krumlovský les type, variety I. Length – 63 mm, 7 mm, width – 27 mm, thickness – 13 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 7440. Plate XVII: 9.

256. Laminar flake. Chert of Krumlovský les, variety I. Length – 30 mm, width – 17 mm, thickness – 5.5 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 7441.

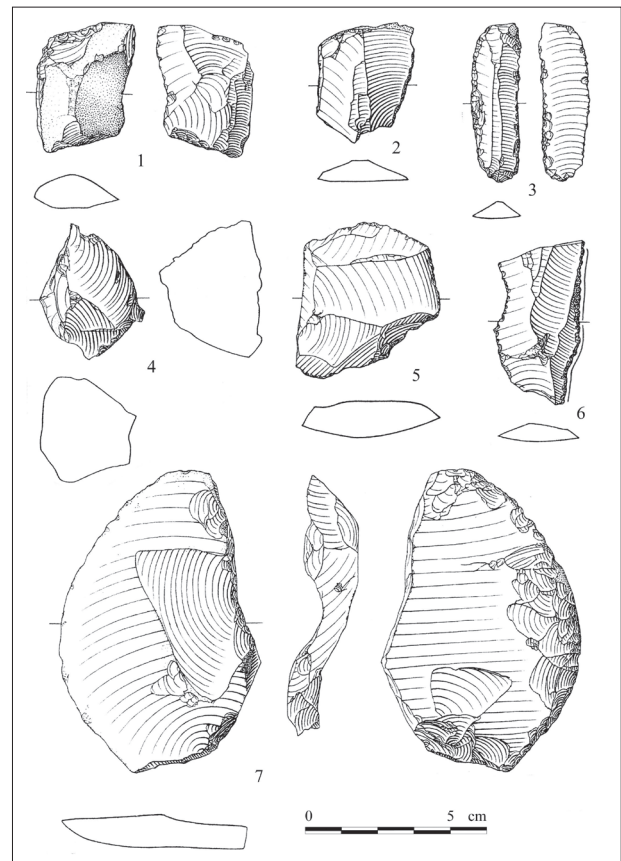


Plate XVI. Jevišovice. Hillfort *Starý Zámek*. 1-7 – Palliardi's surface collections. 1-6 – drawn by J. Brenner; 7 – after Šebela, Přichystal, Škrdla, Humpolová in press.

Tabuka XVI. Jevišovice. Hradisko *Starý Zámek*. 1-7 – povrchové sběry J. Palliardiho. 1-6 – kresba J. Brenner; 7 – podle Šebela, Přichystal, Škrdla, Humpolová v tisku.

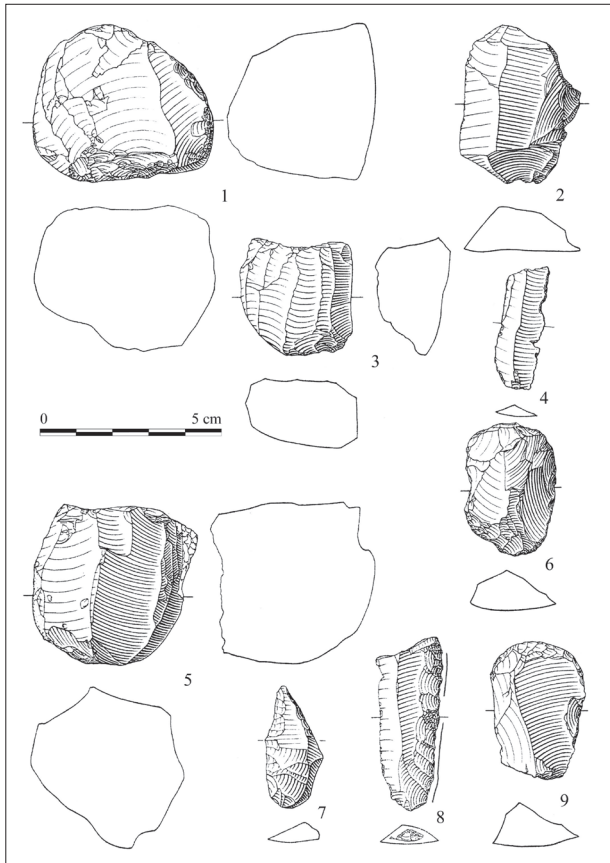


Plate XVII. Jevišovice. Hillfort *Starý Zámek*. 1, 5 – Palliardi's surface collections; 2 – Layer B; 3 – Layer C; 4, 6, 9 – finds without cultural context; 7, 8 – layer C2. 1-6, 8, 9 – drawn by J. Brenner; 7 – after Medunová-Benešová 1981.

Tabulka XVII. Jevišovice. Hradisko *Starý Zámek*. 1, 5 – Palliardiho povrchové sběry; 2 – vrstva B; 3 – vrstva C; 4, 6, 9 – nálezy bez kulturní příslušnosti; 7, 8 – vrstva C2. 1-6, 8, 9 – kresba J. Brenner; 7 – podle Medunová-Benešová 1981.

257. Massive flake with a retouched notch. Chert of Krumlovský les type, variety I. Length – 54 mm, width – 33 mm, thickness – 20 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 7442. Plate V: 5.

258. Massive flake or endscraper on a flake or a core. Chert of Krumlovský les type, variety II. Length – 47 mm, width – 36 mm, thickness – 25 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 7443 (after Medunová-Benešová 1981, 125, incorrect inv. No 1443). Plate V: 6.

259. Truncated blade, retouch and sickle gloss on the left edge. Burnt silicite (silicite from glacial sediments). Length – 46 mm, width – 22.2 mm, thickness – 6 mm. Access No. Pa 17/24; Palliardi's collection inv. No. 7444.

260. Flake. Chert of Krumlovský les type, variety I. Length – 27 mm, width – 45.5 mm, thickness – 20 mm. Access No. Pa 17/24-215. Plate III: 6.

2. 2. Surface artifacts in Palliardi's collection collected at the hillfort

1. Blade. Siliceous weathering product of serpentinite (magnetic susceptibility 0.01×10^{-3} SI). Length – 54 mm, width – 19 mm, thickness – 6 mm. Access No. Pa 17/24-1.

2. Flake; left edge retouched, sickle gloss on both sides. Chert of Krumlovský les type, variety III. Length – 26 mm, width – 19 mm, thickness – 6 mm. Access No. Pa 17/24-2. Access No. Pa 17/24-2.

3. Bladelet with a cortex fragment. Chert of Krumlovský les type, variety II (?). Length – 31 mm, width – 14 mm, thickness – 3.5 mm. Access No. Pa 17/24-3.

4. Splinter from a pebble. Fine-grained micaceous sandstone (magnetic susceptibility – 0.32×10^{-3} SI). Length – 44 mm, width – 23 mm, thickness – 6 mm. Access No. Pa 17/24-4.

5. Flake. Burnt chert of Krumlovský les type, variety II. Length – 45 mm, width – 28 mm, thickness – 10 mm. Access No. Pa 17/24-5.

6. Flake. Siliceous weathering product of serpentinite. Length – 42 mm, width – 18 mm, thickness – 9 mm. Access No. Pa 17/24-6.

7. Flake. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 24 mm, thickness – 4.5 mm. Access No. Pa 17/24-7.

8. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 42 mm, width – 34 mm, thickness – 14 mm. Access No. Pa 17/24- 8.

9. Bladelet. Siliceous weathering product of serpentinite. Length – 32 mm, width – 13 mm, thickness – 4 mm. Access No. Pa 17/24- 9.

10. Flake with denticulated retouch. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 27 mm, thickness – 8 mm. Access No. Pa 17/24-10.

11. Flake. Burnt silicite; undetermined siliceous rock. Length – 21 mm; width – 21 mm, thickness – 7 mm. Access No. Pa 17/24-11.

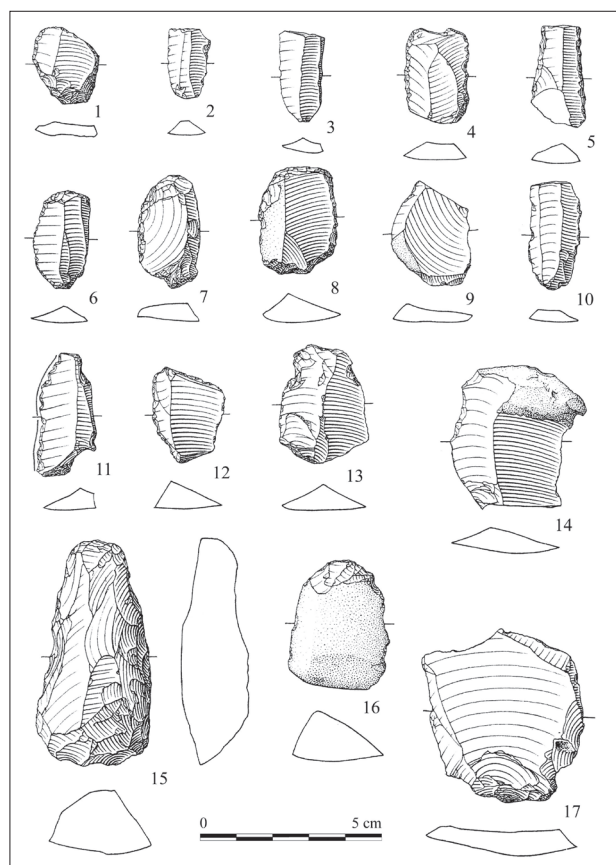


Plate XVIII. Jevišovice. Hillfort *Starý Zámek*. 1-17 – stone chipped artifacts from L. Pokorný's surface collections. Drawn by J. Brenner.

Tabulka XVIII. Jevišovice. Hillfort *Starý Zámek*. 1-17 – kamenné štípané artefakty z povrchových sběrů L. Pokorného. Kresba J. Brenner.

17. Blade, left edge retouched. Chert of Krumlovský les type, variety I. Length – 21 mm, width – 13 mm, thickness – 5 mm. Access No. Pa 17/24- 17.
18. Massive flake. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.04×10^{-3} SI). Length – 48 mm, width – 52.5 mm, thickness – 13 mm. Access No. Pa 17/24-18.
19. Flake with denticulated retouch. Burnt silicate, unidentified siliceous rock. Length – 21 mm, width – 19 mm, thickness – 6 mm. Access No. Pa 17/24-19.
20. Blade. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.04×10^{-3} SI). Length – 46 mm, width – 25 mm, thickness – 6 mm. Access No. Pa 17/24-20.
21. Irregular blade. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.06×10^{-3} SI). Length – 56 mm, width – 26 mm, thickness – 11 mm. Access No. Pa 17/24-21. Plate XV: 10.
22. Blade fragment with functional retouch; terminal part broken. Chert of Krumlovský les type, variety II. Length – 29 mm, width – 20 mm, thickness – 7.5 mm. Access No. Pa 17/24-22.
23. Blade with functional retouch and sickle gloss. Chert of Krumlovský les type, variety II. Length – 32 mm, width – 12 mm, thickness – 5.5 mm. Access No. Pa 17/24-23.
24. Blade with functional retouch on the left edge. Siliceous weathering product of serpentinite. Length – 43 mm, width – 20 mm, thickness – 6 mm. Access No. Pa 17/24-24.
25. Blade fragment with functional retouch and sickle gloss on the right edge. Siliceous weathering product of serpentinite. Dimensions: 21x17x7 mm. Access No. Pa 17/24-25.
26. Flake with a cortex fragment. Chert of Krumlovský les. Length – 53 mm, width – 36 mm, thickness – 10 mm. Access No. Pa 17/24-26.
27. Blade. Chert of Krumlovský les type, variety II. Length – 41.5 mm, width – 16.5 mm, thickness – 7.5 mm. Access No. Pa 17/24-27.
28. Flake. Chert of Krumlovský les type, variety II. Length – 15 mm, width – 28 mm, thickness – 3 mm. Access No. Pa 17/24-28.
29. Flake with occasional retouch. Chert of Krumlovský les type, variety II. Length – 36 mm, width – 27 mm, thickness – 12 mm. Access No. Pa 17/24-29. Plate XVI: 1.
12. Endscraper on a flake with flat retouch on the ventral surface. Chert of Krumlovský les type, variety II. Length – 48 mm, width – 40 mm, thickness – 13 mm. Access No. Pa 17/24-12.
13. Blade. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.02×10^{-3} SI). Length – 40 mm, width – 8.5 mm, thickness – 7 mm. Access No. Pa 17/24-13.
14. Bladelet. Chert of Krumlovský les type, variety II. Length – 20 mm, width – 8 mm, thickness – 2 mm. Access No. Pa 17/24- 14.
15. Splinter. Siliceous weathering product of serpentinite. Dimensions: 34x21x8 mm. Access No. Pa 17/24- 15.
16. Blade. Siliceous weathering product of serpentinite. Length – 24 mm, width – 10.5 mm, thickness – 4 mm. Access No. Pa 17/24-16.

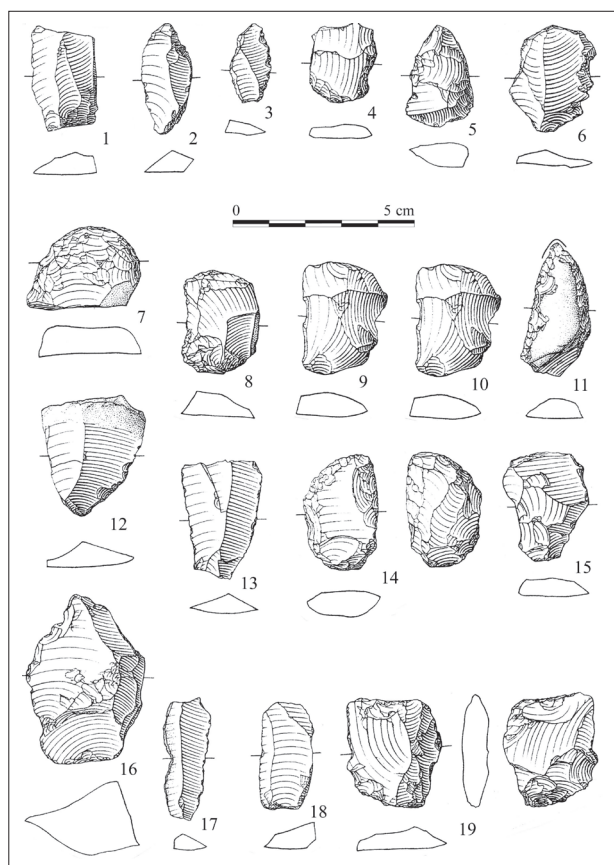


Plate XIX. Jevišovice. Hillfort *Starý Zámek*. 1-19 – stone chipped artifacts from L. Pokorný's surface collections. Drawn by J. Brenner.

Tabulka XIX. Jevišovice. Hradisko *Starý Zámek*. 1-19 – kamenné štípané artefakty z povrchových sběrů L. Pokorného. Kresba J. Brenner.

30. Flake. Chert of Krumlovský les type, variety I. Length – 19 mm, width – 34 mm, thickness – 6.5 mm. Access No. Pa 17/24-30.
31. Flake. Burnt chert of Krumlovský les type, variety I. Length – 20 mm, width – 37 mm, thickness – 8 mm. Access No. Pa 17/24-31.
32. Blade with functional retouch on the left edge. Siliceous weathering product of serpentinite. Length – 33 mm, width – 15 mm, thickness – 4.5 mm. Access No. Pa 17/24-32.
33. Blade. Siliceous weathering product of serpentinite. Length – 27 mm, width – 13 mm, thickness – 3.5 mm. Access No. Pa 17/24-33.
34. Blade. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.02×10⁻³ SI). Length – 41.5 mm, width – 15.5 mm, thickness – 7 mm. Access No. Pa 17/24-34.
35. Flake with occasional retouch. Chert of Krumlovský les type, variety I. Length – 29 mm, width – 22 mm, thickness – 13.5 mm. Access No. Pa 17/24-35. Plate XV: 2.
36. Flake. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 25 mm, thickness – 7 mm. Access No. Pa 17/24-36.
37. Irregular Flake. Chert of Krumlovský les. Length – 21 mm, width – 19 mm, thickness – 3 mm. Access No. Pa 17/24-37.
38. Blade-like flake. Siliceous weathering product of serpentinite. Length – 17 mm, width – 12 mm, thickness – 3 mm. Access No. Pa 17/24-38.
39. Splinter. Siliceous weathering product of serpentinite. Length – 26 mm, width – 22 mm, thickness – 6 mm. Access No. Pa 17/24-39.
40. Cortical flake with traces of utilization. Chert of Krumlovský les type, variety I. Length – 43 mm, width – 25 mm, thickness – 11 mm. Access No. Pa 17/24-40. Plate XV: 13.
41. Blade. Chert of Krumlovský les type, variety II. Length – 25 mm, width – 11.5 mm, thickness – 4.5 mm. Access No. Pa 17/24-41.
42. Blade-like flake. Chert of Krumlovský les type, variety II. Length – 25 mm, width – 17 mm, thickness – 5 mm. Access No. Pa 17/24-42.
43. Blade with occasional retouch on the left edge. Chert of Krumlovský les type, variety II. Length – 38 mm, width – 15.5 mm, thickness – 4.5 mm. Access No. Pa 17/24-43.
44. Blade-like flake with functional retouch and sickle gloss on the left edges. Chert of Krumlovský les type, variety II. Length – 29 mm, width – 16 mm, thickness – 3.5 mm. Access No. Pa 17/24-44.
45. Blade. Silicite from glacial sediments (?). Length – 43 mm, width – 18.5 mm, thickness – 5 mm. Access No. Pa 17/24-45. Plate XV: 1.
46. Blade with distal segment missing. Siliceous weathering product of serpentinite. Length – 30 mm, width – 20 mm, thickness – 3.5 mm. Access No. Pa 17/24-46.
47. Blade with fine denticulated occasional retouch on the right edge. Chert of Krumlovský les type. Length – 24.5 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24-47.

48. Bladelet. Chert of Olomučany type. Length – 21.5 mm, width – 11.5 mm, thickness – 2 mm. Access No. Pa 17/24-48.
49. Bladelet with cortex on the right side. Silicite from glacial sediments. Length – 30 mm, width – 17 mm, thickness – 4 mm. Access No. Pa 17/24-49. Plate XV: 7.
50. Flake. Chert of Krumlovský les type, variety I. Length – 20 mm, width – 15 mm, thickness – 6 mm. Access No. Pa 17/24-50.
51. Blade with fine denticulated retouch on the right edge. Chert of Krumlovský les type, variety II. Length – 30 mm, width – 17 mm, thickness – 4 mm. Access No. Pa 17/24-51.
52. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 23 mm, width – 51 mm, thickness – 10 mm. Access No. Pa 17/24-52.
53. Bladelet with notch on the right side. Siliceous weathering product of serpentinite. Length – 21.5 mm, width – 13 mm, thickness – 4 mm. Access No. Pa 17/24-53.
54. Blade. Chert of Krumlovský les type, variety I. Length – 27 mm, width – 14 mm, thickness – 5 mm. Access No. Pa 17/24-54.
55. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 20 mm, width – 34 mm, thickness – 8 mm. Access No. Pa 17/24-55.
56. Blade. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 11 mm, thickness – 4 mm. Access No. Pa 17/24-56.
57. Blade fragment with bilateral denticulated retouch and sickle gloss, proximal segment broken. Burnt silicite from glacial sediments (?). Length – 21 mm, width – 13 mm, thickness – 3 mm. Access No. Pa 17/24-57.
58. Flake. Chert of Krumlovský les type, variety I. Length – 40.5 mm, width – 26.5 mm, thickness – 10.5 mm. Access No. Pa 17/24-58.
59. Flake. Siliceous weathering product of serpentinite. Length – 36 mm, width – 27 mm, thickness – 10 mm. Access No. Pa 17/24-59.
60. Blade with sickle gloss and functional retouch on the right edge. Chert of Krumlovský les type, variety II. Length – 30 mm, width – 16.5 mm, thickness – 4.5 mm. Access No. Pa 17/24-60.
61. Blade with denticulated retouch and sickle gloss on the right edge. Siliceous weathering product of serpentinite. Length – 39 mm, width – 15 mm, thickness – 6.5 mm. Access No. Pa 17/24-61.
62. Irregular blade, partially cortical. Chert of Krumlovský les type, variety II. Length – 38 mm, width – 20 mm, thickness – 9 mm. Access No. Pa 17/24-62.
63. Blade. Siliceous weathering product of serpentinite. Length – 27 mm, width – 11 mm, thickness – 3 mm. Access No. Pa 17/24-63.
64. Blade. Chert of Krumlovský les type, variety II. Length – 25 mm, width – 14 mm, thickness – 3.5 mm. Access No. Pa 17/24-64.

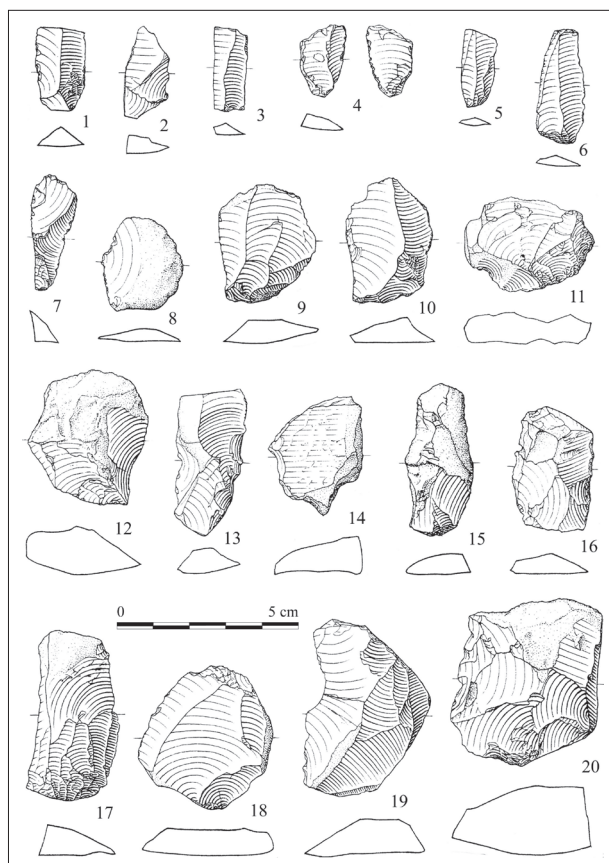


Plate XX. Jevišovice. Hillfort *Starý Zámek*. 1-20 – stone chipped artifacts donated by J. Palliardí to the Faculty of Philosophy of Charles University in Prague (Institute of Archaeology). Drawn by J. Brenner.

Tabulka XX. Jevišovice. Hradisko *Starý Zámek*. 1-20 – kamenné štípané artefakty darované J. Palliardim Filozofické fakultě Karlovy univerzity v Praze (Ústav archeologie). Kresba J. Brenner.

65. Blade with cortex on the distal segment. Siliceous weathering product of serpentinite. Length – 59 mm, width – 14 mm, thickness – 8 mm. Access No. Pa 17/24-65.
66. Massive flake. Siliceous weathering product of serpentinite. Length – 34 mm, width – 33 mm, thickness – 14 mm. Access No. Pa 17/24-66.
67. Laminar splinter. Chert of Krumlovský les type, variety II. Length – 25.5 mm, width – 11 mm, thickness – 3 mm. Access No. Pa 17/24-67.
68. Flake. Chert of Krumlovský les type, variety I. Length – 25 mm, width – 17 mm, thickness – 5.5 mm. Access No. Pa 17/24-68. Access No. Pa 17/24-68.
69. Flake with fine retouch. Chert of Krumlovský les type, variety II. Length – 24 mm, width – 35 mm, thickness – 8 mm. Access No. Pa 17/24-69.
70. Blade. Siliceous weathering product of serpentinite. Length – 36 mm, width – 13 mm, thickness – 5 mm. Access No. Pa 17/24-70.
71. Blade. Siliceous weathering product of serpentinite. Length – 36.5 mm, width – 19 mm, thickness – 5.5 mm. Access No. Pa 17/24-71.
72. Flake. Siliceous weathering product of serpentinite. Length – 21.5 mm, width – 22 mm, thickness – 7 mm. Access No. Pa 17/24-72.
73. Cortical blade. Siliceous weathering product of serpentinite. Length – 26.5 mm, width – 14 mm, thickness – 8 mm. Access No. Pa 17/24-73.
74. Blade. Chert of Krumlovský les type, variety II. Length – 36 mm, width – 14 mm, thickness – 7 mm. Access No. Pa 17/24-74.
75. Flake with cortex. Siliceous weathering product of serpentinite. Length – 31 mm, width – 37 mm, thickness – 11 mm. Access No. Pa 17/24-75.
76. Blade. Chert of Krumlovský les type, variety I. Length – 35 mm, width – 13.5 mm, thickness – 5 mm. Access No. Pa 17/24-76.
77. Laminar splinter with functional retouch and sickle gloss on both sides. Chert of Krumlovský les type, variety II. Length – 17.5 mm, width – 15.5 mm, thickness – 3 mm. Access No. Pa 17/24-77.
78. Flake. Chert of Krumlovský les type, variety I. Length – 45 mm, width – 36 mm, thickness – 7 mm. Access No. Pa 17/24-78.
79. Splinter. Chert of Krumlovský les type, variety I. Length – 25 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24-79.
80. Blade. Chert of Krumlovský les type, variety II. Length – 28 mm, width – 10 mm, thickness – 3.5 mm. Access No. Pa 17/24-80.
81. Massive blade. Siliceous weathering product of serpentinite. Length – 48 mm, width – 22 mm, thickness – 9 mm. Access No. Pa 17/24-81.
82. Cortical blade. Red-brown siliceous weathering product of serpentinite (magnetic susceptibility – 0.23×10^{-3} SI). Length – 40 mm, width – 17 mm, thickness – 8.5 mm. Access No. Pa 17/24-82. Plate XV: 4.
83. Blade with fine retouch and sickle gloss on the left edge. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 18 mm, thickness – 9 mm. Access No. Pa 17/24-83.

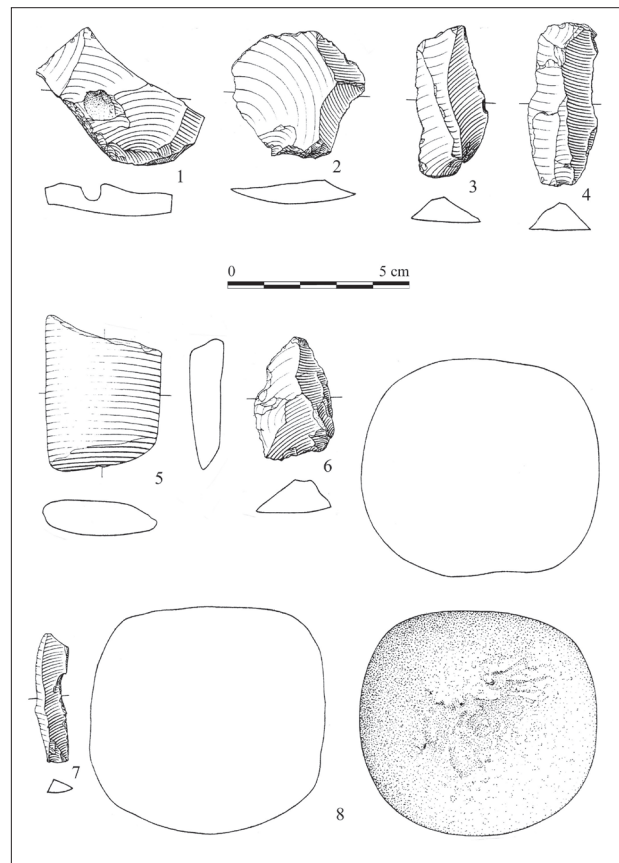


Plate XXI. Jevišovice. Hillfort *Starý Zámek*. 1-8 – stone artifacts donated by J. Palliardi to Museum in Poděbrady (central Bohemia). Drawn by J. Brenner.
Tabulka XXI. Jevišovice. Hradisko *Starý Zámek*. 1-8 – kamenné artefakty darované J. Palliardim do muzea v Poděbradech (střední Čechy). Kresba J. Brenner.

84. Flake. Chert of Krumlovský les type, variety II. Length – 23 mm, width – 29.5 mm, thickness – 11 mm. Access No. Pa 17/24-84.
85. Blade-like flake with cortex on the right side. Chert of Krumlovský les type, variety II. Length – 37 mm, width – 19 mm, thickness – 11 mm. Access No. Pa 17/24-85.
86. Flake. Chert of Krumlovský les type, variety II. Length – 27.5 mm, width – 31 mm, thickness – 7 mm. Access No. Pa 17/24-86. Plate XVI: 2.
87. Blade with occasional retouch on the left edge. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 14 mm, thickness – 7 mm. Access No. Pa 17/24-87.
88. Blade. Siliceous weathering product of serpentinite. Length – 29 mm, width – 13.5 mm, thickness – 5.5 mm. Access No. Pa 17/24-88.
89. Blade. Siliceous weathering product of serpentinite. Length – 37 mm, width – 18 mm, thickness – 7 mm. Access No. Pa 17/24-89.
90. Blade with cortex on the right side. Siliceous weathering product of serpentinite (magnetic susceptibility – 0.05×10⁻³ SI). Length – 47 mm, width – 11 mm, thickness – 7 mm. Access No. Pa 17/24-90.
91. Massive flake with cortex on the left side. Siliceous weathering product of serpentinite. Length – 41 mm, width – 22 mm, thickness – 13 mm. Access No. Pa 17/24-91.
92. Splintered piece. Chert of Krumlovský les type, variety II. Length – 33 mm, width – 21 mm, thickness – 9 mm. Access No. Pa 17/24-92.
93. Flake. Chert of Krumlovský les type, variety I. Length – 27 mm, width – 36.5 mm, thickness – 11.5 mm. Access No. Pa 17/24-93.
94. Blade-like flake. Siliceous weathering product of serpentinite. Length – 32 mm, width – 17 mm, thickness – 10.5 mm. Access No. Pa 17/24-94.
95. Blade with fine denticulated retouch on the right edge. Siliceous weathering product of serpentinite. Length – 32 mm, width – 17 mm, thickness – 7 mm. Access No. Pa 17/24-95.
96. Used core for flakes. Chert of Krumlovský les type, variety II. Dimensions: 39×28×31 mm. Access No. Pa 17/24-96. Plate XVI: 4.
97. Blade-like flake with occasional retouch and sickle gloss on the right edge. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 20 mm, thickness – 8 mm. Access No. Pa 17/24-97.
98. Massive flake. Chert of Krumlovský les type, variety I. Length – 23 mm, width – 36.5 mm, thickness – 12 mm. Access No. Pa 17/24-98.
99. Rock chunk. Chert of Krumlovský les type, variety II. Dimensions: 46×21×22 mm. Access No. Pa 17/24-99.
100. Massive flake retouched on the ventral surface, with cortex on the proximal segment. Chert of Krumlovský les type, variety I. Length – 34 mm, width – 50 mm, thickness – 13 mm. Access No. Pa 17/24-100.
101. Massive flake with cortex fragment. Chert of Krumlovský les type, variety I. Length – 51 mm, width – 49 mm, thickness – 18.5 mm. Access No. Pa 17/24-101. Plate XV: 14.
102. Flake. Siliceous weathering product of serpentinite. Length – 41 mm, width – 37 mm, thickness – 10.5 mm. Access No. Pa 17/24-102.
103. Flake similar to a large splinter. Siliceous weathering product of serpentinite. Length – 42 mm, width – 33 mm, thickness – 6.5 mm. Access No. Pa 17/24-103.
104. Laminar flake with occasional retouch on the left edge. Chert of Krumlovský les type, variety II. Length – 41 mm, width – 22.5 mm, thickness – 9.5 mm. Access No. Pa 17/24-104.
105. Massive flake. Chert of Krumlovský les type, variety I. Length – 24 mm, width – 43.5 mm, thickness – 10 mm. Access No. Pa 17/24-105.
106. Blade. Siliceous weathering product of serpentinite. Length – 49 mm, width – 24 mm, thickness – 8 mm. Access No. Pa 17/24-106.
107. Pebble fragment. Chert of Krumlovský les type, variety I. Dimensions: 31.5×35×12.5 mm. Access No. Pa 17/24-107.
108. Blade-like flake. Chert of Krumlovský les type, variety I. Length – 43 mm, width – 27 mm, thickness – 12.5 mm. Access No. Pa 17/24-108.
109. Massive flake with cortex on the left side with cortex. Siliceous weathering product of serpentinite. Length – 42 mm, width – 23.5 mm, thickness – 15 mm. Access No. Pa 17/24-109.
110. Massive flake with steep retouch on the distal segment, resembling an endscraper on a flake.

- Chert of Krumlovský les type, variety I. Length – 28 mm, width – 41 mm, thickness – 15 mm. Access No. Pa 17/24-110.
111. Flake core with cortex on opposite sides. Chert of Krumlovský les type, variety II. Dimensions: 25×33×27 mm. Access No. Pa 17/24-111. Plate XV: 6.
112. Flake with a cortex fragment. Chert of Krumlovský les type, variety II. Length – 40 mm, width – 28.5 mm, thickness – 10.5 mm. Access No. Pa 17/24-112.
113. Flake. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 34.5 mm, thickness – 9.5 mm. Access No. Pa 17/24-113.
114. Irregular endscraper on massive flake. Siliceous weathering product of serpentinite. Length – 38 mm, width – 34.5 mm, thickness – 9.5 mm. Access No. Pa 17/24-114.
115. Big massive blade-like flake. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 60 mm, thickness – 13 mm. Access No. Pa 17/24-115.
116. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 25 mm, width – 38 mm, thickness – 11 mm. Access No. Pa 17/24-116.
117. Blade. Chert of Krumlovský les type, variety I. Length – 41 mm, width – 17.5 mm, thickness – 8.5 mm. Access No. Pa 17/24-117.
118. Blade. Siliceous weathering product of serpentinite. Length – 61 mm, width – 21 mm, thickness – 10 mm. Access No. Pa 17/24-118.
119. Irregular blade with a cortex fragment. Siliceous weathering product of serpentinite. Length – 42 mm, width – 21.5 mm, thickness – 13 mm. Access No. Pa 17/24-119.
120. Blade-like flake. Siliceous weathering product of serpentinite. Length – 43.5 mm, width – 23.5 mm, thickness – 9 mm. Access No. Pa 17/24-120.
121. Big flake with occasional retouch and sickle gloss on the distal segment. Silicite from glacial sediments – Danian. Length – 39 mm, width – 42 mm, thickness – 10.5 mm. Access No. Pa 17/24-121. Plate XVI: 5.
122. Blade. Chert of Krumlovský les type, variety I. Length – 45 mm, width – 23.5 mm, thickness – 6 mm. Access No. Pa 17/24-122.
123. Large flake. Chert of Krumlovský les type, variety I. Length – 43 mm, width – 41 mm, thickness – 5.5 mm. Access No. Pa 17/24-123.
124. Big massive blade. Chert of Krumlovský les type, variety I. Length – 52 mm, width – 25.5 mm, thickness – 15 mm. Access No. Pa 17/24-124.
125. Blade. Petrosilex from the chert of Krumlovský les type, variety II. Length – 43 mm, width – 15.5 mm, thickness – 9.5 mm. Access No. Pa 17/24-125. Plate XV: 3.
126. Pebble core with a flake negative. Chert of Krumlovský les type, variety I. Dimensions: 26×35×27 mm. Access No. Pa 17/24-126. Plate XV: 12.
127. Splinter peace. Chert of Krumlovský les type, variety II. Length – 32 mm, width – 20 mm, thickness – 14 mm. Access No. Pa 17/24-127.
128. Middle segment of a retouched blade with sickle gloss. Silicite from glacial sediments. Length – 31 mm, width – 21 mm, thickness – 6 mm. Access No. Pa 17/24-128. Plate XV: 9.
129. Middle segment of a blade. Siliceous weathering product of serpentinite. Length – 27 mm, width – 16.5 mm, thickness – 5 mm. Access No. Pa 17/24-129.
130. Blade. Siliceous weathering product of serpentinite. Length – 38.5 mm, width – 14 mm, thickness – 4 mm. Access No. Pa 17/24-130.
131. Irregular blade. Chert of Krumlovský les type, variety I. Length – 46 mm, width – 21 mm, thickness – 5 mm. Access No. Pa 17/24-131.
132. Terminal part of a blade with bilateral retouch and sickle gloss. Silicite from glacial sediments. Length – 45 mm, width – 24 mm, thickness – 6.5 mm. Access No. Pa 17/24-132. Plate XVI: 6.
133. Blade. Chert of Krumlovský les type, variety I. Length – 40 mm, width – 24.5 mm, thickness – 6.5 mm. Access No. Pa 17/24-133.
134. Crested blade. Siliceous weathering product of serpentinite. Length – 6.5 mm, width – 14.5 mm, thickness – 7.5 mm. Access No. Pa 17/24-134.
135. Massive flake. Siliceous weathering product of serpentinite; slightly burnt. Length – 47.5 mm, width – 31 mm, thickness – 13.5 mm. Access No. Pa 17/24-135.

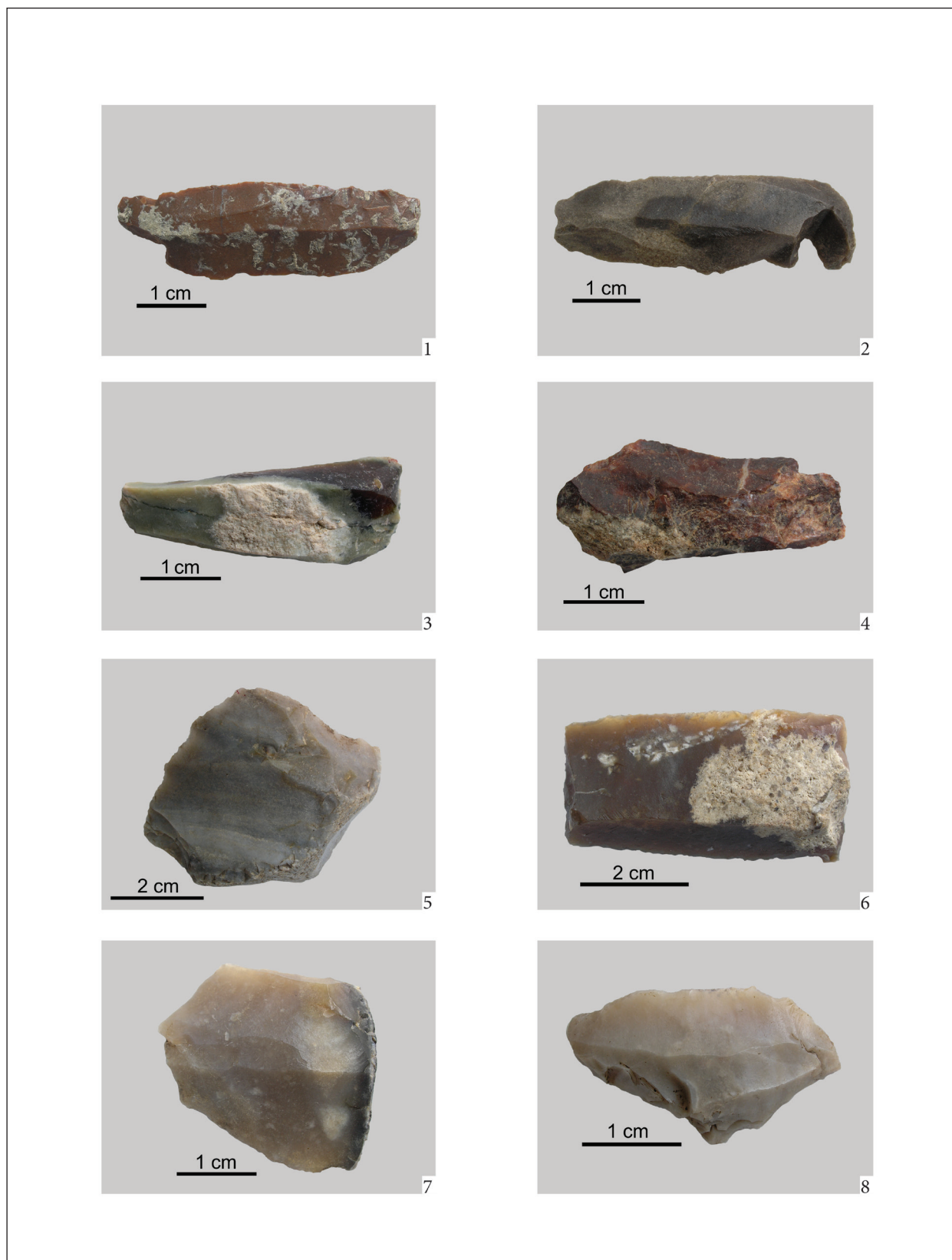


Plate XXII. Jevišovice. Hillfort *Starý Zámek*. Artifacts made of the radiolarite (1), chert of the Olomučany type (2), the siliceous weathering product of serpentinites (3, 4) and the chert of Krumlovský les type, variety I (5, 6) and variety II (7, 8). Photo by L. Plchová.

Tabulka XXII. Jevišovice. Hradisko *Starý Zámek*. Artefakty zhotovené z radiolaritu (1), rohovce typu Olomučany (2), křemičitých zvětralin hadce (3, 4), rohovce typu Krumlovský les, varieta I (5, 6) a varieta II (7, 8). Foto L. Plchová.

136. Flake. Burnt chert of Krumlovský les type, variety I. Length – 29 mm, width – 23.5 mm, thickness – 8.5 mm. Access No. Pa 17/24-136.
137. Endscraper on flake. Chert of Krumlovský les type, variety I. Length – 30 mm, width – 29 mm, thickness – 13.5 mm. Access No. Pa 17/24-137.
138. Splinter. Siliceous weathering product of serpentinite. Length – 31 mm, width – 31.5 mm, thickness – 6.5 mm. Access No. Pa 17/24-138.
139. Splinter. Chert of Krumlovský les type, variety II. Length – 21 mm, width – 25 mm, thickness – 6 mm. Access No. Pa 17/24-139.
140. Endscraper/knife on a massive flake. Chert of Krumlovský les type, variety I. Length – 66.5 mm, width – 38 mm, thickness – 18 mm. Access No. Pa 17/24-140.
141. Flake. Chert of Krumlovský les type, variety I. Length – 42 mm, width – 35 mm, thickness – 6 mm. Access No. Pa 17/24-141.
142. Rock fragment. Siliceous weathering product of serpentinite. Dimensions: 37×39.5×15 mm. Access No. Pa 17/24-142.
143. Core. Chert of Krumlovský les type, variety I. Dimensions: 45×32.5×24 mm. Access No. Pa 17/24-143.
144. Blade with functional retouch on the right edge. Siliceous weathering product of serpentinite. Length – 4 mm, width – 25.5 mm, thickness – 5 mm. Access No. Pa 17/24-144.
145. Flake. Chert of Krumlovský les type, variety I. Length – 37 mm, width – 31 mm, thickness – 8.5 mm. Access No. Pa 17/24-145.
146. Flake. Siliceous weathering product of serpentinite. Length – 37.5 mm, width – 28 mm, thickness – 8 mm. Access No. Pa 17/24-146.
147. Rock chunk. Chert of Krumlovský les type, variety I. Dimensions: 43×26×13 mm. Access No. Pa 17/24-147.
148. Core. Siliceous weathering product of serpentinite. Dimensions: 27×26×33 mm. Access No. Pa 17/24-148.
149. Massive flake with a cortex fragment. Chert of Krumlovský les type, variety II; slightly burnt. Length – 53 mm, width – 33 mm, thickness – 14 mm. Access No. Pa 17/24-149.
150. Flake. Siliceous weathering product of serpentinite. Length – 30 mm, width – 24 mm, thickness – 7.5 mm. Access No. Pa 17/24-150.
151. Blade with bilateral retouch. Silicite from glacial sediments. Length – 43 mm, width – 13 mm, thickness – 13.5 mm. Access No. Pa 17/24-151. Plate XVI: 3.
152. Proximal segment of a blade with retouch and sickle gloss on the left edge. Radiolarite. Length – 23 mm, width – 10 mm, thickness – 4 mm. Access No. Pa 17/24-152.
153. Knife on a small flake, left edge retouched. Chert of Krumlovský les type, variety I. Length – 32 mm, width – 19 mm, thickness – 7 mm. Access No. Pa 17/24-153.
154. Middle segment of a blade. Chert of Krumlovský les type, variety I. Length – 29 mm, width – 14 mm, thickness – 3.5 mm. Access No. Pa 17/24-154.
155. Blade with bifacial retouch, proximal segment broken. Chert of Krumlovský les type, variety II. Length – 31 mm, width – 11.5 mm, thickness – 3 mm. Access No. Pa 17/24-155.
156. Middle segment of a blade with traces of functional retouch on one edge. Silicite from glacial sediments – Danian. Length – 21 mm, width – 18 mm, thickness – 4 mm. Access No. Pa 17/24-156.
157. Sidescraper. Patinated silicite – probably atypical Jurassic silicites from the Cracow-Częstochowa Upland. Length – 77 mm, width – 56 mm, thickness – 15 mm. Access No. Pa 17/24-157. Plate XVI: 7.
158. Core. Chert of Krumlovský les type, variety I. Dimensions: 48×41×44 mm. Access No. Pa 17/24-158.
159. Core with negatives of detached blades and flakes. Slightly burnt chert of Krumlovský les type, variety II. Dimensions: 26.5×48×34 mm. Access No. Pa 17/24-159.
160. Flake. Chert of Krumlovský les type, variety I. Length – 26.5 mm, width – 23 mm, thickness – 8.5 mm. Access No. Pa 17/24-160.
161. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 34 mm, width – 28.5 mm, thickness – 8 mm. Access No. Pa 17/24-161.



Plate XXIII. Jevišovice. Hillfort *Starý Zámek*. Artifacts made of the siliceus from glacial sediments (1-4), the Bavarian tabular chert, Arnhofen type (5) and Baiersdorf type (7, 8), spotted chert of the Świeciechów type (6). Photo by L. Plchová.

Tabulka XXIII. Jevišovice. Hradisko *Starý Zámek*. Artefakty zhotovené ze silicítů z glacienních sedimentů (1-4), bavorského deskovitého rohovce typu Arnhofen (5) a typu Baiersdorf (7, 8), skvrnitého silicitu typu Świeciechów (6). Foto L. Plchová.

162. Irregular blade. Siliceous weathering product of serpentinite. Length – 66 mm, width – 24 mm, thickness – 14.5 mm. Access No. Pa 17/24-162.
163. Blade-like flake. Chert of Krumlovský les type, variety I. Length – 40 mm, width – 20 mm, thickness – 7.5 mm. Access No. Pa 17/24-163.
164. Core fragment. Siliceous weathering product of serpentinite. Dimensions: 17×43×35 mm. Access No. Pa 17/24-164.
165. Flake. Chert of Krumlovský les type, variety I. Length – 45 mm, width – 34.5 mm, thickness – 8 mm. Access No. Pa 17/24-165.
166. Massive blade with traces of sickle gloss. Siliceous weathering product of serpentinite. Length – 44 mm, width – 20 mm, thickness – 11.5 mm. Access No. Pa 17/24-166.
167. Irregular flake. Chert of Krumlovský les type, variety I. Length – 32 mm, width – 43 mm, thickness – 12 mm. Access No. Pa 17/24-167.
168. Irregular flake. Siliceous weathering product of serpentinite. Length – 35 mm, width – 22.5 mm, thickness – 10.5 mm. Access No. Pa 17/24-168.
169. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 17 mm, thickness – 8.5 mm. Access No. Pa 17/24-169.
170. Blade. Chert of Krumlovský les type, variety I. Length – 36 mm, width – 24 mm, thickness – 8 mm. Access No. Pa 17/24-170.
171. Flake with a cortex fragment from a pebble. Moravian Jurassic chert. Length – 43 mm, width – 17.5 mm, thickness – 6 mm. Access No. Pa 17/24-171.
172. Distal segment of a blade. Chert of Krumlovský les type, variety II. Length – 20 mm, width – 18.5 mm, thickness – 3 mm. Access No. Pa 17/24-172.
173. Flake. Siliceous weathering product of serpentinite. Length – 22 mm, width – 32.5 mm, thickness – 8 mm. Access No. Pa 17/24-173.
174. Flake. Chert of Krumlovský les type, variety I. Length – 19.5 mm, width – 21.5 mm, thickness – 3.5 mm. Access No. Pa 17/24-174.
175. Flake with a cortex fragment. Siliceous weathering product of serpentinite. Length – 37 mm, width – 28 mm, thickness – 9 mm. Access No. Pa 17/24-175.
176. Flake. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 25 mm, thickness – 8 mm. Access No. Pa 17/24-176.
177. Blade. Chert of Krumlovský les type, variety I. Length – 31 mm, width – 15.5 mm, thickness – 5 mm. Access No. Pa 17/24-177.
178. Flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 31 mm, width – 17 mm, thickness – 9 mm. Access No. Pa 17/24-177.
179. Flake. Chert of Krumlovský les type, variety I. Length – 19.5 mm, width – 13.5 mm, thickness – 6.5 mm. Access No. Pa 17/24-179.
180. Rock chunk. Siliceous weathering product of serpentinite. Dimensions: 33×23.5×24 mm. Access No. Pa 17/24-180.
181. Blade. Chert of Krumlovský les type, variety III. Length – 35 mm, width – 13.5 mm, thickness – 4 mm. Access No. Pa 17/24-181.
182. Flake. Siliceous weathering product of serpentinite. Length – 31.5 mm, width – 25 mm, thickness – 10.5 mm. Access No. Pa 17/24-182.
183. Micro flake with occasional retouch. Siliceous weathering product of serpentinite (?). Dimensions: 16×11×4 mm. Access No. Pa 17/24-183.
184. Irregular blade. Siliceous weathering product of serpentinite. Length – 41 mm, width – 15 mm, thickness – 6.5 mm. Access No. Pa 17/24-184.
185. Blade with cortex fragment. Silicite from glacial sediments – Danian. Length – 37 mm, width – 15 mm, thickness – 5.5 mm. Access No. Pa 17/24-185. Plate XV: 8.
186. Endscraper on a rough flake. Chert of Krumlovský les type, variety I. Length – 38 mm, width – 32 mm, thickness – 13 mm. Access No. Pa 17/24-186.
187. Blade-like flake. Chert of Krumlovský les type, variety II. Length – 32 mm, width – 18 mm, thickness – 3 mm. Access No. Pa 17/24-187.
188. Blade. Siliceous weathering product of serpentinite. Length – 46.5 mm, width – 14.5 mm, thickness – 8 mm. Access No. Pa 17/24-188.
189. Blade with a cortex fragment. Silicite from glacial sediments – Danian. Length – 42 mm, width – 15 mm, thickness – 5 mm. Access No. Pa 17/24-189. Plate XV: 5.

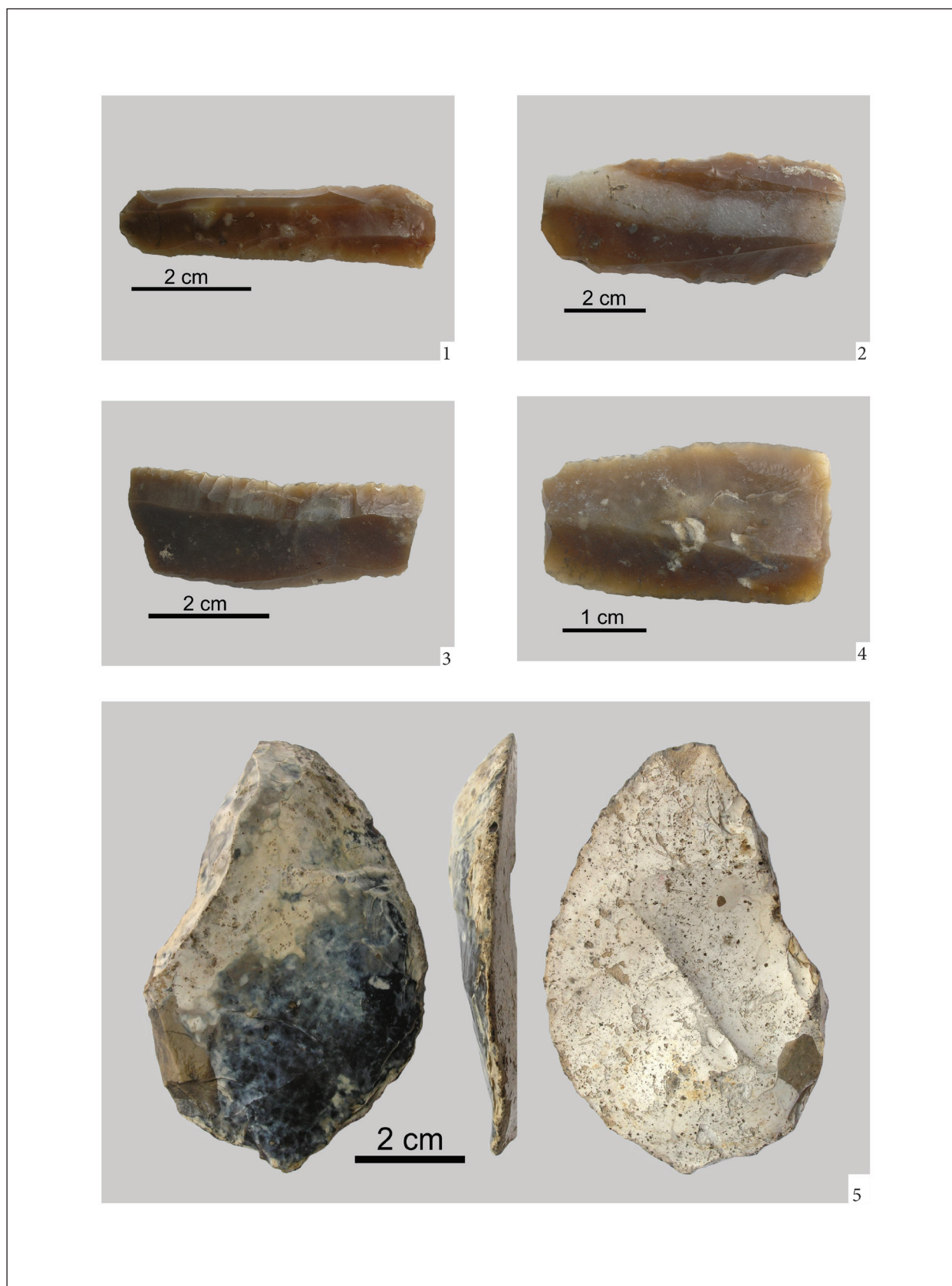


Plate XXIV. Jevišovice. Hillfort *Starý Zámek*. 1-5 – artifacts made of Jurassic silicities from the Cracow-Częstochowa Upland. 4 – variety A. 1-4 – photo by L. Plchová; 5 – after Šebela, Přichystal, Škrdla, Humpolová 2015.

Tabulka XXIV. Jevišovice. Hradisko *Starý Zámek*. 1-5 – artefakty zhotovené ze silicitu krakovsko-čestochovské jury. 4 – varieta A. 1-4 – foto L. Plchová; 5 – podle Šebela, Přichystal, Škrdla, Humpolová 2015.

190. Blade. Siliceous weathering product of serpentinite. Length – 42 mm, width – 23 mm, thickness – 5.5 mm. Access No. Pa 17/24-190.
191. Blade. Chert of Krumlovský les type, variety I. Length – 30.5 mm, width – 14.5 mm, thickness – 5 mm. Access No. Pa 17/24-191.
192. Flake. Siliceous weathering product of serpentinite. Length – 30 mm, width – 24.5 mm, thickness – 8.5 mm. Access No. Pa 17/24-192.
193. Blade with a cortex fragment on the distal segment. Chert of Krumlovský les type, variety I. Length – 44 mm, width – 21 mm, thickness – 3.5 mm. Access No. Pa 17/24-193.
194. Irregular blade. Burnt chert of Krumlovský les type, variety I. Length – 51 mm, width – 12 mm, thickness – 14 mm. Access No. Pa 17/24-194.
195. Wide flake with a cortex fragment. Chert of Krumlovský les type, variety I. Length – 26 mm, width – 41 mm, thickness – 9 mm. Access No. Pa 17/24-195.
196. Irregular rough blade. Chert of Krumlovský les type, variety I. Length – 62.5 mm, width – 28 mm, thickness – 14 mm. Access No. Pa 17/24-196.
197. Massive flake. Chert of Krumlovský les type, variety II. Length – 28 mm, width – 43 mm, thickness – 12.5 mm. Access No. Pa 17/24-197.
198. Blade. Chert of Krumlovský les type, variety I. Length – 32 mm, width – 11.5 mm, thickness – 3 mm. Access No. Pa 17/24-198.
199. Blade-like flake. Burnt chert of Krumlovský les type. Length – 26 mm, width – 15 mm, thickness – 4 mm. Access No. Pa 17/24-199.
200. Blade. Burnt chert of Krumlovský les type, variety I. Length – 34.5 mm, width – 13 mm, thickness – 4 mm. Access No. Pa 17/24-200.
201. Medial segment of a blade. Chert of Krumlovský les type, variety I. Length – 31 mm, width – 19 mm, thickness – 9 mm. Access No. Pa 17/24-201.
202. Endscraper on a flake. Siliceous weathering product of serpentinite. Length – 19 mm, width – 24 mm, thickness – 8.5 mm. Access No. Pa 17/24-202.
203. Flake. Chert of Krumlovský les type, variety II. Length – 33 mm, width – 20 mm, thickness – 11 mm. Access No. Pa 17/24-203.
204. Blade. Siliceous weathering product of serpentinite. Length – 47 mm, width – 20 mm, thickness – 11.5 mm. Access No. Pa 17/24-204.
205. Blade-like flake. Siliceous weathering product of serpentinite. Length – 30 mm, width – 17 mm, thickness – 6 mm. Access No. Pa 17/24-205.
206. Flake. Siliceous weathering product of serpentinite. Length – 37 mm, width – 24 mm, thickness – 8 mm. Access No. Pa 17/24-206.
207. Fragment of blade core. Siliceous weathering product of serpentinite. Dimensions: 44.5×17.5×22.5 mm. Access No. Pa 17/24-207.
208. Flake. Cretaceous spongolite chert or chert of Krumlovský les type, variety I. Length – 35 mm, width – 20 mm, thickness – 10.5 mm. Access No. Pa 17/24-208.
209. Blade core fragment. Chert of Krumlovský les type, variety II. Dimensions: 49×25×19 mm. Access No. Pa 17/24-209.
210. Blade. Chert of Olomučany type. Length – 53 mm, width – 18 mm, thickness – 6 mm. Access No. Pa 17/24-210. Plate XV: 11.
211. Core fragment with negatives of detached flakes. Siliceous weathering product of serpentinite. Dimensions: 38×30×27 mm. Access No. Pa 17/24-211.
212. Massive blade with bilateral retouch. Siliceous weathering product of serpentinite. Length – 52.5 mm, width – 22 mm, thickness – 14 mm. Access No. Pa 17/24-212.
213. Hammerstone/core. Dimensions: 51×45×42 mm. Siliceous weathering product of serpentinite. Access No. Pa 17/24-213. Plate XVII: 1.
214. Core with blade negatives. Siliceous weathering product of serpentinite, burnt. Dimensions: 46×45×48 mm. Access No. Pa 17/24-214. Plate XVII: 5.

2. 3. Artifacts donated by J. Palliardi to the Institute of Archaeology FPh UCh in Prague

1. Blade; terminal segment missing. Siliceous weathering product of serpentinite. Length – 22.5 mm, width – 14 mm, thickness – 5 mm. Location number (Loc. No. from here on) C74/3/1. Plate XX: 1.

2. Blade-like flake. Siliceous weathering product of serpentinite. Length – 26 mm, width – 7 mm, thickness – 5 mm. Loc. No. C 74/3/2. Plate XX: 2.
3. Bladelet without distal and proximal segments. Siliceous weathering product of serpentinite. Length – 23 mm, width – 9 mm, thickness – 5.5 mm. Loc. No. C 74/3/3. Plate XX: 3.
4. Flake with functional retouch on one edge. Burnt silicite (chert of Krumlovský les type, variety I?). Length – 20 mm, width – 13 mm, thickness – 5 mm. Loc. No. C 74/3/4. Plate XX: 4.
5. Bladelet; terminal part missing. Siliceous weathering product of serpentinite. Length – 22 mm, width – 10 mm, thickness – 2.5 mm. Loc. No. C 74/3/5. Plate XX: 5.
6. Blade. Siliceous weathering product of serpentinite. Length – 32 mm, width – 13 mm, thickness – 3 mm. Loc. No. C 74/3/6. Plate XX: 6.
7. Irregular blade. Siliceous weathering product of serpentinite. Length – 33 mm, width – 15 mm, thickness – 7 mm. Loc. No. C 74/3/7. Plate XX: 7.
8. Flake. Burnt siliceous weathering product of serpentinite. Length – 27 mm, width – 22 mm, thickness – 6.5 mm. Loc. No. C 74/3/8. Plate XX: 8.
9. Flake with a cortex fragment. Siliceous weathering product of serpentinite. Length – 35 mm, width – 28.5 mm, thickness – 8 mm. Loc. No. C 74/3/9. Plate XX: 9.
10. Flake with a cortex fragment. Siliceous weathering product of serpentinite. Length – 35 mm, width – 24 mm, thickness – 9 mm. Loc. No. C74/3/10. Plate XX: 10.
11. Flake. Siliceous weathering product of serpentinite. Length – 36 mm, width – 27 mm, thickness – 10 mm. Loc. No. C74/3/11. Plate XX: 11.
12. Flake with traces of use as endscraper on the terminal segment. Siliceous weathering product of serpentinite. Length – 37 mm, width – 14 mm, thickness – 3 mm. Loc. No. C74/3/12. Plate XX: 12.
13. Blade with cortex; terminal part missing. Siliceous weathering product of serpentinite. Length – 41 mm, width – 18 mm, thickness – 8 mm. Loc. No. C74/3/13. Plate XX: 13.
14. Rock fragment. Siliceous weathering product of serpentinite. Dimensions: 32×25×14 mm. Loc. No. C74/3/14. Plate XX: 14.
15. Blade with cortex on the terminal part. Siliceous weathering product of serpentinite. Length – 42 mm, width – 20 mm, thickness – 9 mm. Loc. No. C74/3/15. Plate XX: 15.
16. Blade-like flake; occasional retouch on the right side edge. Chert of Krumlovský les type, variety I. Length – 34 mm, width – 22 mm, thickness – 9 mm. Loc. No. C74/3/16. Plate XX: 16.
17. Massive blade; cortex on the terminal part. Siliceous weathering product of serpentinite. Length – 47 mm, width – 24 mm, thickness – 13 mm. Loc. No. C74/3/17. Plate XX: 17.
18. Flake with cortex. Siliceous weathering product of serpentinite. Length – 40 mm, width – 37.5 mm, thickness – 8.5 mm. Loc. No. C74/3/18. Plate XX: 18.
19. Massive flake with a cortex fragment. Siliceous weathering product of serpentinite. Length – 48 mm, width – 30 mm, thickness – 10 mm. Loc. No. C74/3/19. Plate XX: 19.
20. Massive flake with a cortex fragment. Siliceous weathering product of serpentinite. Length – 47 mm, width – 49 mm, thickness – 22 mm. Loc. No. C74/3/20. Plate XX: 20.
21. Pebble fragment. Quartz. Dimensions: 18×15×8 mm. Loc. No. C74/3/21.

2. 4. Artifacts donated by J. Palliardi to the Polabské Museum in Poděbrady

1. Rock fragment. Siliceous weathering product of serpentinite. Dimensions: 47×24×9.5 mm. Inv. No. 80. Plate XXI: 1.
2. Flake. Siliceous weathering product of serpentinite. Length – 36 mm, width – 37 mm, thickness – 5.5 mm. Inv. No. 81. Plate XXI: 2.
3. Partially cortical blade. Siliceous weathering product of serpentinite. Length – 45 mm, width – 20mm, thickness – 8 mm. Inv. No. 82. Plate XXI: 4.
4. Blade. Siliceous weathering product of serpentinite. Length – 42 mm, width – 19 mm, thickness – 7 mm. Inv. No. P 83. Plate XXI: 3.
5. Flake. Siliceous weathering product of serpentinite. Length – 32 mm, width – 22 mm, thickness – 8 mm. Inv. No. P 84. Plate XXI: 6.

6. Blade. Siliceous weathering product of serpentinite. Length – 35 mm, width – 5 mm, thickness – 3 mm. Inv. No. P 85. Plate XXI: 7.
7. Fragment of an axe blade. Greenschist of the Želešice type (magnetic susceptibility 5.47×10^{-3} SI). Length – 42 mm, width – 32 mm, thickness – 10 mm. Inv. No. P 86. Plate XXI: 5.
8. Stone artifact, cubical in shape, with usewear. Siliceous weathering product of serpentinite. Dimensions: 62×65×61 mm. Inv. No. P 170. Plate XXI: 8.
9. Flake with occasional retouch on the right margin. Chert of Krumlovský les type, variety II. Length – 30.5 mm; width – 14 mm; thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 509). Plate XIX: 2.
10. Blade-like flake. Siliceous weathering product of serpentinite. Length – 25 mm, width – 13.5 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 510).

2. 5. Artifacts from Starý Zámek hillfort deposited in the South Moravian Museum in Znojmo, L. Pokorný's collection

1. Micro-sidescraper on a blade-like flake; denticulated retouch. Siliceous weathering product of serpentinite. Length – 22 mm, width – 11 mm, thickness – 4.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 501). Plate XIX: 3.
2. Flake. Chert of Krumlovský les type, variety II. Length – 19.5 mm, width – 13 mm, thickness – 5.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 502).
3. Blade-like flake; retouch on the right margin. Burnt siliceous weathering product of serpentinite. Length – 19 mm, width – 12 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 503): Plate XVIII: 2.
4. Blade-like flake. Siliceous weathering product of serpentinite slightly burnt. Length – 20 mm, width – 16 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 504).
5. Retouched flake, possibly a micro-sidescraper. Burnt chert breccia. Length – 22 mm, width – 18.5 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 505). Plate XVIII: 1.
6. Splinter. Chert of Krumlovský les type, variety I. Length – 23 mm, width – 16 mm, thickness – 5 mm. In. No. A 24274 (Pokorný's collection inv. No. 506).
7. Flake. Burnt silicite (chert of Krumlovský les type, variety I ?). Length – 25 mm, width – 18 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 507).
8. Blade; terminal segment missing. Patinated siliceous weathering product of serpentinite. Length – 25 mm, width – 17.7 mm, thickness – 4.5 mm.
11. Cortical flake with occasional retouch. Siliceous weathering product of serpentinite. Length – 22 mm, width – 18 mm, thickness – 4.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 511). Plate XIX: 4.
12. Flake with occasional retouch. Chert of Krumlovský les type, variety I. Length – 27 mm, width – 20 mm, thickness – 8.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 512). Plate XVIII: 12.
13. Flake. Chert of Krumlovský les type, variety II. Length – 32 mm, width – 20 mm, thickness – 8.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 513).
14. Flake. Siliceous weathering product of serpentinite. Length – 23 mm, width – 14 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 514).
15. Endscraper on a blade. Patinated chert of Krumlovský les type, variety II (?). Length – 22 mm, width – 16 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 515). Plate XVIII: 6.
16. Blade-like flake; both margins retouched. Chert of Krumlovský les type, variety I. Length – 26 mm, width – 18 mm, thickness – 4.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 516). Plate XVIII: 4.
17. Endscraper on a flake. Chert of Krumlovský les type, variety I. Length – 22 mm, width – 30 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 517). Plate XIX: 7.
18. Flake with occasional retouch. Chert of Krumlovský les type, variety I. Length – 28 mm, width – 25 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 518). Plate XVIII: 9.
19. Flake fragment. Chert of Krumlovský les type, variety I. Length – 30 mm, width – 12 mm,

- thickness – 6.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 519).
20. Blade-like flake. Siliceous weathering product of serpentinite. Length – 27 mm, width – 17 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 520).
 21. Fragment of a bilaterally retouched blade. Burnt silicite; unidentified siliceous rock. Length – 29 mm, width – 14 mm, thickness – 6 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 521). Plate XVIII: 5.
 22. Flake. Silicite from glacial sediments. Length – 28 mm, width – 17 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 522). Plate XIX: 5.
 23. Splinter. Chert of Krumlovský les type, variety II. Length – 28 mm; width – 17 mm, thickness – 6 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 523).
 24. Flake. Siliceous weathering product of serpentinite. Length – 31.5 mm, width – 20 mm, thickness – 7.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 524). Plate XIX: 9.
 25. Side scraper on a flake. Silicite from glacial sediments – Danian. Length – 31 mm, width – 17.5 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 525). Plate XVIII: 7.
 26. Blade-like flake. Chert of Krumlovský les type, variety I. Length – 15 mm, width – 29 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 526). Plate XIX: 18.
 27. Blade. Chert of Krumlovský les type, variety I. Length – 30 mm, width – 14 mm, thickness – 3.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 527). Plate XVIII: 10.
 28. Blade; terminal part missing. Chert of Krumlovský les type, variety I. Length – 28 mm, width – 17 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 528). Plate XIX: 1.
 29. Flake. Chert of Olomučany type. Length – 30 mm, width – 24 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 529). Plate XIX: 15.
 30. Endscraper on a flake. Chert of Krumlovský les type, variety II. Length – 30 mm, width – 22.5 mm, thickness – 8.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 530). Plate XIX: 6.
 31. Knife on a flake. Siliceous weathering product of serpentinite. Length – 31 mm, width – 20 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 531). Plate XIX: 14.
 32. Flake. Siliceous weathering product of serpentinite. Length – 31 mm, width – 24 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 532). Plate XIX: 10.
 33. Endscraper on a flake. Burnt Moravian Jurassic chert. Length – 28 mm, width – 22 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 533). Plate XIX: 8.
 34. Sidescraper on a flake retouched on both lateral edges. Silicite from glacial sediments – Danian. Length – 30 mm, width – 22 mm, thickness – 9 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 534).
 35. Flake. Siliceous weathering product of serpentinite. Length – 31 mm; width – 25 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 535).
 36. Cortical flake with cortex. Chert of Krumlovský les type, variety II. Length – 18 mm, width – 33 mm; thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 536).
 37. Flake. Moravian Jurassic chert or chert of Stránská skála type (?). Length – 31 mm, width – 27 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 537).
 38. Splintered piece on a flake. Moravian Jurassic chert. Length – 30 mm; width 27 mm; thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 538). Plate XIX: 19.
 39. Irregular blade. Chert of Krumlovský les type, variety I. Length – 34 mm, width – 16.5 mm; thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 539). Plate XVIII: 8.
 40. Cortical blade. Siliceous weathering product of serpentinite. Length – 33 mm, width – 13 mm, thickness – 5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 540). Plate XIX: 17.
 41. Blade with retouch and sickle gloss on the left margin. Chert of Krumlovský les type, variety II. Length – 34 mm, width – 17 mm, thickness – 6 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 541). Plate XVIII: 11.
 42. Knife with sickle gloss at the point. Chert of Krumlovský les type, variety I. Length – 3 mm,

- width – 17 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 542). Plate XIX: 11.
43. Flake. Chert of Krumlovský les type, variety I. Dimensions: 28×36.5×5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 543).
44. Flake. Chert of Krumlovský les type, variety II. Length – 33 mm, width – 25 mm, thickness – 9 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 544). Plate XVIII: 13.
45. Blade; terminal segment missing. Chert of Krumlovský les type, variety I. Length – 33 mm, width – 22 mm, thickness – 6.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 545). Plate XIX: 13.
46. Large splinter. Chert of Krumlovský les type, variety I. Dimensions: 35×27.5×5.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 546).
47. Irregular flake with retouch. Chert of Krumlovský les type, variety I. Dimensions: 35×24×12.5mm. Inv. No. A 24274 (Pokorný's collection inv. No. 547).
48. Irregular flake. Burnt siliceous weathering product of serpentinite. Length – 37.5 mm, width – 26 mm, thickness – 7 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 548).
49. Flake with cortex on the terminal segment and denticulated retouch on the right margin. Chert of Krumlovský les type, variety II. Length – 34 mm, width – 29 mm, thickness – 9.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 549). Plate XIX: 12.
50. Endscraper on a massive flake with cortex; proximal end with traces of wear. Chert of Krumlovský les type, variety I. Length – 31 mm, width – 28 mm, thickness – 14.5 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 550). Plate XVIII: 16.
51. Massive flake. Moravian Jurassic chert. Length – 38 mm, width – 27 mm, thickness – 12 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 551).
52. Flake. Patinated siliceous weathering product of serpentinite. Length – 40 mm, width – 36.5 mm, thickness – 11 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 552). Plate XVIII: 14.
53. Massive flake. Chert of Krumlovský les type, variety II. Length – 46 mm, width – 33 mm, thickness – 17 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 553). Plate XIX: 16.
54. Massive flake. Siliceous weathering product of serpentinite. Length – 47 mm, width – 43.5 mm, thickness – 8 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 554). Plate XVIII: 17.
55. Double endscraper on a massive flake. Moravian Jurassic chert or chert of Stránská skála type (?). Length – 62 mm, width – 32 mm, thickness – 19 mm. Inv. No. A 24274 (Pokorný's collection inv. No. 555). Plate XVIII: 15.

3. Raw materials

The most common raw materials in the studied assemblage are cherts of the Krumlovský les type and siliceous weathering products of serpentinites. Krumlovský les chert types I and II are most common with type III occurring rarely. These raw materials account for approximately 85% of the raw materials used at the site (see Table 3). Their provenance is either in the immediate vicinity of the hillfort (siliceous weathering products of serpentinites – up to 5 km), or from the Krumlovský les Highland (about 25 – 30 km distant - one day walk). Moravian Jurassic chert and chert of the Stránská skála type (only several pieces) can also be regarded as local materials. Imported raw materials are also present including erratic silicites (flints) from glacial deposits of northern Moravia or Silesia with nearest sources located approximately 170 km from the site. Silicites of the Cracow-Czestochowa Jurassic and rarely occurring tools made of spotted chert of the Świeciechów type were sourced even further away, in southern and central Poland. Several pieces of Bavarian tabular chert (*Plattensilex*) have also been confirmed in the collection. The most important raw materials are described below.

3. 1. Local raw materials

3. 1. 1. Cherts of the Krumlovský les type (Plate XXII: 5–8)

The cherts of the Krumlovský les type (KL) formed during the Jurassic (and possibly Cretaceous) period on the eastern end of the Bohemian Massif. They are known exclusively from secondary deposits (mainly gravels) located in the Krumlovský les Highland (Map 3: 2). Chert outcrops with similar characteristics but lower quality have also been found in other places in southern Moravia. Přichystal (1984) distinguished between two main varieties of this chert, usually referred to as KL I and KL II. Subsequently, a third type (KL III) was identified in a Palaeolithic assemblage from Alberndorf (Lower Austria), but its source is unknown although some sources corresponding to KL III are apparently located on the northeastern outskirts of Brno.

Chunks and pebbles of all three types of KL chert possess a distinctive dark-colored to black cortex, composed mainly of Si, Al, Fe, and Mn. This feature is interpreted as an ancient desert varnish. Siliceous mass of KL I is usually light gray to bluish gray, with lighter-colored blotches consisting of numerous sponge spicules. Due to its high chalcedony content, the flakes have a translucent appearance, but are also usually clouded by isometric cloudy formations, which are probably relics of the original clastic rock. Another characteristic feature is the presence of fine cracks infilled with small rock crystals. Entire cavities with rock crystal also rarely occur. In contrast, the KL II variety is pale yellowish brown or pale brown, with distinctive petrosilex inclusions. Its siliceous mass is not as translucent, but macroscopically it has a greater resemblance to erratic silicites (flints). The least common variety is KL III which occurs as pebbles or small chunks. It consists of dark gray siliceous mass with numerous fossil relics that appear as lighter-colored spots.

More detailed descriptions of this material can be found in a recent publication (Přichystal 2013), or in recently published monograph that focuses on terminal lithic industries in Moravia (Kopacz, Šebela 2006; Kopacz, Přichystal, Šebela 2009, 2014).

3. 1. 2. Siliceous weathering products of serpentinites (Plate XXII: 3, 4)

This raw material was firstly identified in the Neolithic assemblage from Těšetice near Znojmo by A. Přichystal (1979) and by J. Kovárník (1992) during his investigations of stone artifacts from western Moravia. The siliceous weathering products can be greenish, yellowish, or brown in color. They do not contain any fossils. On their surface there is often visible whitish cover layer, occasionally very thick.

This raw material formed on the weathered serpentinites (especially along their fissures) and possibly other rocks (e.g. gneiss and marble) in tropical conditions of the Early Tertiary period. Mineralogically, they are composed of chalcedony and cryptocrystalline silica. Greenish varieties are often referred to as plasma. They are also distinctive by greater magnetic susceptibility caused by the presence of magnetite.

Siliceous weathering products of serpentinites appear frequently in western Moravia (map 2 depicts sources of this raw material in the surroundings of the *Starý Zámek* hillfort), but they also appear in other parts of the Bohemian Massif, including the Waldviertel region in the nearby Lower Austria.

3. 1. 3. Olomučany chert (Plate XXII: 2)

The term “Olomučany chert” was introduced into the archaeological literature in the 1980s, after petrographic examination of Eneolithic assemblages from the vicinity of Brno (Přichystal 1984). It is a dark (almost black) rock with a layered structure, whitish-gray blotches (especially on the layer margins), and relics of a clastic texture of silicified Jurassic silty marlstone. Sponge spicules and occasional limonitized glauconite are visible under a stereomicroscope in the siliceous mass. Outcrops that were exploited during prehistoric times have been identified at the village of Olomučany (Map 3: 4), in the central part of the Moravian Karst (Přichystal A., Přichystal M. 2004).

3. 1. 4. Moravian Jurassic cherts

The term “Moravian Jurassic cherts” subsumes several varieties of Jurassic cherts from secondary deposits in various gravels. Usually it is impossible to determine their exact provenience. Pieces of Moravian Jurassic cherts are known from the Rudice Formation (probably of Lower Cretaceous Age) and in Pleistocene river terraces in southern Moravia. They are also sporadically found in Miocene sediments of the Carpathian Foredeep. Rounded nodules and chunks of the Moravian Jurassic are gray in color (no black cortex).

Moravian Jurassic cherts, as well as cherts of the Krumlovský les type, are relics of once widespread Jurassic limestones. After denudation of limestones they remained buried under the surface so the black cortex was not formed.

Concretions of Moravian Jurassic cherts can reach considerable size (e.g. a piece in Přichystal's collection is 41×40×28 cm in size and weighs 59kg). It is often not possible to determine the exact source of small artifacts and whether they were obtained from primary or secondary deposits since characteristics such as fossils and siliceous mass are identical.

3. 1. 5. Chert of the Stránská skála type

Relics of denuded Upper Jurassic (Oxfordian) limestones are visible in several places in the eastern suburbs of Brno, especially on a prominent rocky elevation called Stránská skála. A four-meter thick crinoidal limestone divides its profile (more than 80 m high) into two parts featuring different nodular cherts.

Cherts of the Stránská skála type are most often gray or bluish gray, usually with banded patterns. Such an occurrence is characteristic for upper parts of the Jurassic profile above the crinoidal limestone layer. Cherts from the lower part of the Stránská

skála profile (under the crinoidal limestone layer) are not banded but spotted. In contrast to the so-called banded flint from Krzemionki Opatowskie (Lesser Poland), patterns on cherts from the Brno area are never rectangular. Despite diverse appearances (in color, surface pattern, etc.) the siliceous substance of the rock in question is not always translucent.

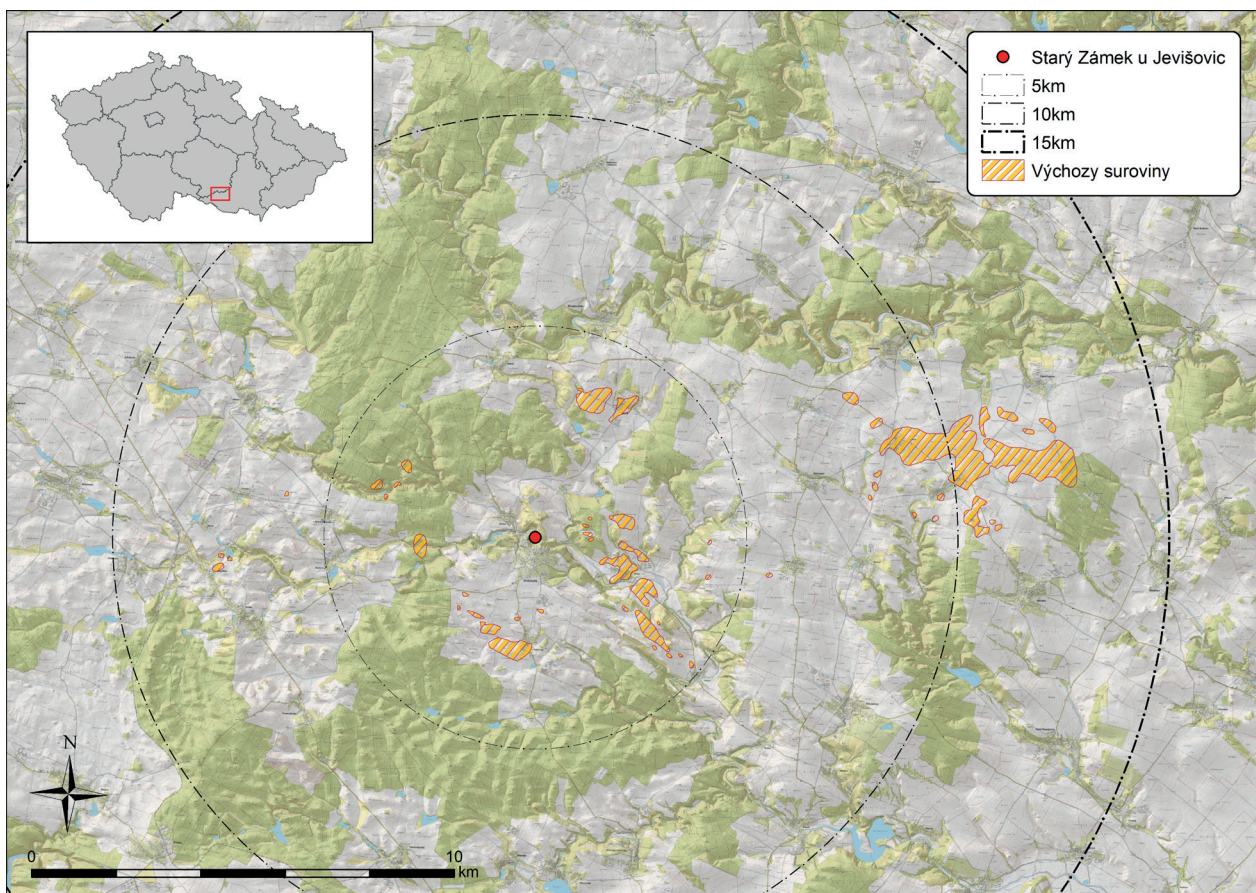
3. 2. Imported rocks

3. 2. 1. Carpathian radiolarite (Plate XXII: 1)

Radiolarite is a Jurassic chert distinguished from other cherts by its distinctive and variable color (reddish brown, green, olive, bluish, or yellow). It contains numerous microfossils (round radiolarians). Primary deposits of radiolarites closest to the area of our interest can be found in Jurassic limestones of the West Carpathian Klippen Belt – near the Vlára Pass (*Vlářský průsmyk*), close to the border between Moravia and Slovakia.

3. 2. 2. Bavarian tabular chert (*Plattensilex*; Plate XXIII: 5, 7, 8)

The German name *Plattensilex* is a commonly accepted term for the Upper Jurassic tabular chert from the Fränkische Alb Hilly land in the Regensburg/Kelheim region, Bavaria (Map 4: 1). The name refers to the tabular appearance of rocky chunks. For this reason, *Plattensilex* is especially suitable for production of flat tools, often with application of flat or semi-flat retouching. Utilization of *Plattensilex* in the upper Danube region has been confirmed throughout the entire Stone Age. For our studies, the use of *Plattensilex* during the Eneolithic, especially in Bohemia and eastern Bavaria (particularly in the Cham culture) is very important. The presence of *Plattensilex* in lithic assemblages of the Jevišovice culture indicates links with the western Eneolithic milieux. Both of the main varieties of *Plattensilex* (Arnhofen and Baiersdorf) have been found at the Eneolithic hillfort *Starý Zámek* near Jevišovice.



Map 2. Source areas of the siliceous weathering products of serpentinites in the surroundings of the hillfort *Starý Zámek* near Jevišovice. Composed by M. Vlach.

Mapa 2. Zdroje křemičitých zvětralin hadců v okolí eneolitického hradiska *Starý Zámek* u Jevišovic. Montáž M. Vlach.

3. 2. 3. Erratic silicites from glacial sediments (mostly flints; Plate XXIII: 1–4)

The term “silicites from glacial sediments”, also termed “erratic silicites”, includes varieties of siliceous rocks dislocated by continental glacial sheets (Mindel and Riss) over vast areas of Central Europe. As the ice sheet reached only the northern part of the area of our interest (*cf.* Map 3: 1), this raw material should be regarded as an import in the majority of Moravian Young Eneolithic assemblages. However, in the Silesian milieu of the Globular Amphora culture in the Opava enclave, silicites from glacial sediments could have been obtained in the immediate vicinity of the settlements.

In the Polish literature, silicites from glacial sediments are usually called “erratic flint” (*krzemień narzutowy*). Much of this raw material is of Maastichtian age so it can be referred to as flint (*cf.* Přichystal 2009a, 46–47). However, considering the fact that the silicite chunks deposited by the glacier also include rocks from other formations (e.g. silicites from the Danian [Lowermost Tertiary] limestones; Přichystal 2009a, 48) we prefer not to use this term.

Chunks of silicites from glacial sediments are rather small, usually several centimeters in diameter. Some large pieces weighing over 10 kg also occur (Přichystal 2009a, 48). Archaeologists analyzing siliceous material are often faced with the problem of the origin of individual pieces. Evidence of glacier transport can often be observed on unworked pieces, but this evidence is seldom preserved on knapped artifacts. Sometimes we cannot exclude the possibility that the raw material in question could have been obtained from (or the vicinity of) the primary outcrops, e.g. the western Baltic zone. Such a situation was encountered, for example, during studies of Proto-Únětice bifacial points (*cf.* Přichystal 2009a, 2000b). However, in the case of Late Eneolithic Moravian assemblages, the assumption of the northern Moravian or Silesian origin appears reasonable.

3. 2. 4. Bohemian spilite volcanoclastic rock

Spilite volcanoclastic rock of Proterozoic age occurs sporadically at the site. It originates in central Bohemia. This raw material was mainly used for the production of polished axes of the Řivnáč culture (for details *cf.* Přichystal 2009a, 208). It has good knapping qualities due to its fine texture. Sources of this raw material are located to the south and south-west of Prague.

3. 2. 5. Jurassic silicite from the Cracow-Częstochowa Highland (Plate XXIV)

The utilisation of Jurassic silicites from the Cracow-Częstochowa Highland during prehistory has

been described many times in Polish literature (see an overview by Přichystal 2009a, 91–94). The sources of the high quality variety A which has been identified in the *Starý Zámek* hillfort assemblage (Plate XXIV: 3) are located in the southern part of the Cracow-Częstochowa Highland (Map 4: II), particularly in the Cracow area (after Kaczanowska, Kozłowski 1976). One artifact probably made from Gojszc chert was also found in layer B (Plate VI: 6). Special attention was devoted to the unique Palaeolithic side-scraper made of an atypical silicite of the Cracow-Częstochowa Jurassic (Acc.No. Pa 17/24-157) and more detailed information about the tool has been published elsewhere.

3. 2. 6. Spotted chert of the Świeciechów type (Plate XXIII: 6)

Only one artifact (an endscraper on a flake) manufactured from this conspicuous raw material has been found in the assemblage. The source is situated in Poland as far as the northwestern area of the Góry Świętokrzyskie Mts. close to the eastern bank of the Wisła River (Map 4: III). The raw material and its prehistoric exploitation has been described in detail by B. Balcer (1976, 2002) and others. This silicite can usually be distinguished macroscopically due to its spotted appearance formed by whitish circular spots up to 2 mm in diameter in the pale to dark yellowish brown silicite groundmass (Munsell 10YR 6/2–4/2).

4. Technical-typological analysis

There are 557 artifacts in the *Starý Zámek* hillfort lithic assemblage. This is a minimum number as there are three further collections in Palliardi’s register listed under inv. Nos. 4951 to 4953 which have not been located by the authors in the Moravian Museum in Brno. The register does not provide any information about the size of each collection. Also, although each artifact in the analyzed collection has an individual entry, fifty-six artifacts have not been found, so only the remaining 501 were available for analysis.

Most of the analyzed artifacts are made from siliceous weathering products of serpentinites and cherts of the Krumlovský les type. “Traditional” silicites from glacial sediments were also utilized, although to a smaller degree. Olomučany chert (sources in the Moravian Karst), Stránská skála chert (from the outskirts of Brno) and Moravian Jurassic cherts occur sporadically. The list is complemented by finds from Bavarian *Plattensilex*, silicates from the Cracow-Częstochowa Jurassic Upland (southern Poland) and spotted chert of the Świeciechów type (central Poland). This variety of raw materials suggests artifacts of those rocks were brought to *Starý Zámek* either as partly finished, or finished products.

Technological types of the analyzed artifacts are presented in Table 4. It shows prevalence of tools (178 pieces), flakes (132 pieces) and unretouched blades and blade fragments (132 pieces). Other types such as cores, retouched flakes and splinters occur infrequently.

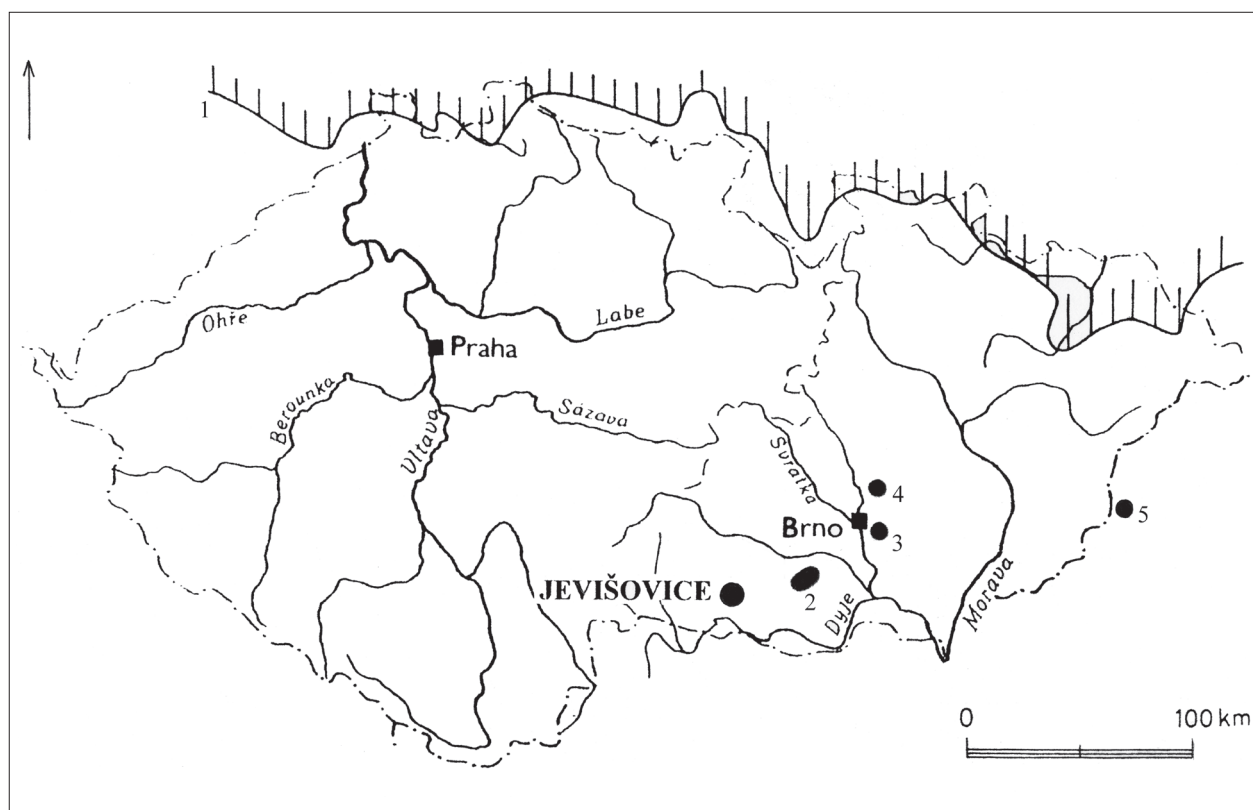
4. 1. Raw material

The lithic chipped industry from *Starý Zámek* is based on the exploitation of rocky chunks. Two such pieces from layer C2 were originally classified by Anna Medunová as cores (Medunová-Benešová 1981, 60, 61). One of them possesses a negative scar of a test flake (Plate I: 8), the other has a rectangular prism form (Plate II: 4). Another artifact can be described as an "irregular" core-like chunk (Plate IX: 3). The most common Krumlovský les chert types are I and II (8 pieces) and siliceous weathering products of serpentinites (5 pieces). One artifact is manufactured from smoky quartz (Plate VIII: 6).

4. 2. Cores

The assemblage includes 21 cores. Eight were obtained during archaeological excavations and the remaining 13 were collected on the surface by Jaroslav Palliardi. Morphologically, they can be described as prism-shaped single platform types (Plate XII: 10; XIII: 5). Negatives of short wide flakes indicate that the forms, not exceeding 5 cm in size, were in the final stages of exploitation. Raw materials include cherts of the Krumlovský les type, most often variety I, and products of weathered serpentinites. One KL chert core (Access No. Pa 17/24-111; 25×33×27 mm in size) used for obtaining flake blanks has cortical fragments on the opposite sides (Plate XV: 6).

The observations indicate that the *Starý Zámek* lithic chipped industry utilized small cores from raw materials of local origin.



Map 3. Jevišovice (district Znojmo) and sources of the local rocks in Moravia and Czech Silesia: 1 – limits of the continental glaciation with occurrences of silicites from glacial sediments; 2 – main source area of cherts of the Krumlovský les, varieties KL I - III; 3 – cherts from Stránská skála Hill; 4 – main source area of chert of the Olomučany type; 5 – radiolarite from the Chmeřová Hill near Vršatec (Slovakia).

Mapa 3. Jevišovice (okr. Znojmo) a zdroje lokálních surovin na Moravě a v českém Slezsku 1 – okraj nasunutí kontinentálního ledovce vymezující jižní hranici přírodního výskytu silicitů z glacienních sedimentů; 2 – hlavní zdrojová oblast rohovce typu Krumlovský les, varieta I-III; 3 – rohovce ze Stránské skály; 4 – zdrojová oblast rohovce typu Olomučany; 5 – radiolarity z kopce Chmeřová u Vršatského Podhradí (Slovensko).

4. 3. Blades

This group includes unretouched blades and blade fragments (Plate IV: 10, 14; XV: 8). Lengths range from 25 to 60 mm.

4. 4. Flakes and flake fragments

This group includes 132 artifacts, 26 of which were excavated by J. Palliardi. The remainder form part of the surface collection. Some of them are massive (Plate VII: 5, 14). Traces of retouch were observed on 23 pieces (Plate VI: 13; XVI: 1).

4. 5. Tools

4. 5. 1. Retouched blades and blade fragments

As already mentioned, this category includes blades with side retouch, either on one edge (Plate I: 2, 6; IV: 13; V: 11), or both edges (Plate IV: 9, 14; XII: 3). Retouch intensity ranges from marginal to extensive, with denticulated pieces also present (Plate XII: 2). Some artifacts show traces of the so-called sickle gloss, depicted in illustrations by continuous lines. There is also one example of a retouched blade with both ends diagonally truncated, with gloss on the left edge, evidently used as a sickle insert (Plate XII: 1). The presence of blades with transversal retouch is noteworthy (4 pieces: Plate III: 4; XIV: 4). Another unique artifact is a bilaterally retouched blade made from glacial silicite (or northern flint (Plate VI: 10; XII: 11), about 110 mm long. As it is not consistent with any core discovered at *Starý Zámek*, we presume that this artifact was not manufactured locally.

4. 5. 2. Endscrapers

This is the most common tool type in the collection numbering 51 artifacts. Most of them (43 artifacts) were discovered during archaeological excavations (12 endscrapers listed by Palliardi but not identified by us have not been taken into account). They were produced from blades and blade fragments (Plate I: 4, 9; II: 7; IV: 8, 16, 19; V: 4; XIV: 12; XVII: 6), sometimes on flakes, occasionally massive (Plate I: 7; II: 1). There are also examples of an endscraper fashioned from a core fragment (Plate XII: 7), a double endscraper (Plate XVIII: 15) and an *unguiforme* (Plate IV: 2–5). Endscrapers with parallel sides can have both (Plate I: 9), or one (Plate V: 3) lateral edge retouched.

4. 5. 3. Other tools

There are 5 splintered pieces of different shapes and sizes (Plate XII: 4; VII: 9; XIX: 19), 4 borers

(including one with a broken tip; Plate III: 5; XIV: 11), and 6 sidescrapers (Plate IV: 15; V: 10; XVI: 7; XIX: 3); one of which was manufactured from atypical Jurassic silicite of the Cracow-Częstochowa Upland and will be described later. There are also 3 points, one of which (Plate XVII: 7), published by Anna Medunová (inv. No. 933) has not been identified. A fragment of a large, flat, bifacially retouched implement of Krumlovský les chert (variety I) has worn edges and could have been a dagger (Plate XII: 9) is mentioned elsewhere. A massive flake also with strongly worn sides (Plate XIV: 3) was also manufactured from Krumlovský les chert, variety I. In both cases, we cannot exclude utilization of artifacts as firestones. This was recorded at the Eneolithic hillfort in Hlinsko near Lipník nad Bečvou (Přichystal, Šebela, Škrdla 2007, 121).

5. Lithic chipped industry and settlement stratigraphy of the *Starý Zámek* hillfort

5. 1. Results of archaeological research at the *Starý Zámek* hillfort

The first archaeological excavation report was published by J. Palliardi in 1912 in the periodical "Pravěk". The author singled out 5 main settlements layers, designated from A to E. The uppermost layer A dated to the Medieval period. The lowermost layer E yielded "only a small amount of coarse potsherds from a rim similar to the Roman arched decoration and others of the same group" (Palliardi 1912, 18). In the next work published two years later, there is no information about those finds. The author focuses his attention on layer D, which he associates with Moravian painted pottery. He states (Palliardi 1914, 266) that the only pottery fragments present were on the boundary with layer C. Nonetheless, it was possible to distinguish an upper (younger) and lower (older) horizons, referred to as C1 and C2 respectively (*cf.* Kovárník 2014, 27). As it was not possible to make the distinction between the two horizons precise, the finds were all labeled "C". On the basis of diagnostic pottery remains, layer C2 corresponds to the Funnel Beaker culture and layer C1 with the Baden culture. Finds from layer B, linked by Palliardi with the Corded Ware culture (Palliardi 1914, 265, Abb. 12), represented a new find. In the mid 1920s, Oswald Meghin called it "the Jevišovice culture" (Hoernes, Menghin 1925), a term commonly accepted today.

Excavations of the hillfort yielded 260 lithic chipped artifacts (*cf.* Chapter II. 1.). Stratigraphic provenience is available for 144 of the artifacts (Table 1).

5. 2. Assessment of results

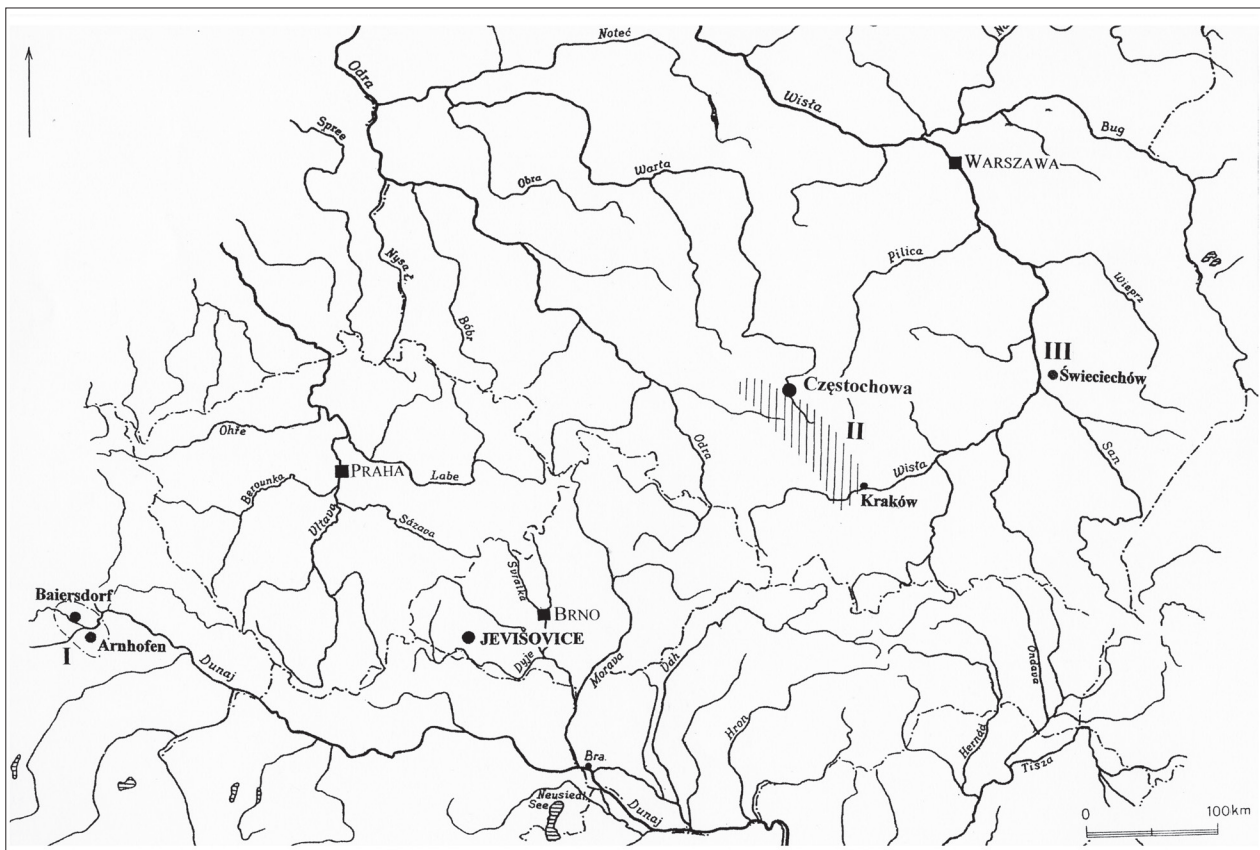
J. Palliardi's research was published as catalogues categorized according to cultural layers by Anna Medunová-Benešová (Medunová-Benešová 1972; 1981). The catalogues list the stone artifacts, as well as pottery, bone tools and polished stone tools. However, the catalogues listed only those objects which could have been identified by the author in the collections of the Moravian Museum. Missing artifacts are mentioned only by their inventory numbers without any supporting information (layer C2, C1 and C: Medunová-Benešová 1981, 141–144; layer B: Medunová-Benešová 1972, 165). As the catalogues are incomplete, the lists of lithic chipped artifacts need to be revised.

Medunová listed 18 lithic artifacts from layer C2 (Medunová-Benešová 1981, 60–61). Two of them appear questionable (inv. Nos. 933 and 6969). In Palliardi's list, the artifacts with these numbers are not marked as "layer C", although the individual artifacts are labeled "C2" (Table 2). Of the 11 artifacts not

identified by Anna Medunová, two (inv. Nos. 967 and 2201) have been identified by us in the Moravian Museum depository. Altogether, in layer C2 there were 27 lithic chipped artifacts (9 of them not identified), plus one artifact without an inventory number labeled "C2" (Access number Pa 17/24-215 in our catalogue - see 2. 1. 260).

Layer C1 contained very few artifacts (only 2 pieces; inv. Nos. 3078 and 3079, with labeling related to that level). Palliardi's list suggests there was no cultural material present (Table 1–2) and Medunová did not comment on this inconsistency (*cf.* Medunová-Benešová 1981, 145–148).

The catalogue includes 38 artifacts from layer C without closer specification. There are also 3 problematic finds. Artifacts with inv. Nos. 918 and 982, both labeled "Layer C" (Medunová-Benešová 1981, 145) are listed without provenience in Palliardi's list. The third problematic artifact (inv. No. 2820; in Palliardi's list this number is associated with a potsherd; *cf.* Medunová-Benešová 1981, 69,



Map 4. Jevišovice (district Znojmo) and source of the imported rocks: I – occurrence area of the Bavarian tabular cherts (*Plattensilex*); II – occurrence area of the Jurassic silicite from the Cracow-Częstochowa Upland; III – occurrence area of the spotted chert of Świeciechów type.

Mapa 4. Jevišovice (okr. Znojmo) a zdroje importovaných surovin: I – zdrojová oblast bavorského deskovitého rohovce (*Plattensilex*); II – zdrojová oblast silicitu krakovsko-čenstochovské jury; III – zdrojová oblast skvrnitého rohovce typu Świeciechów.

Taf. 72: 5) probably originates from a different site (Hradisko u Křepic) and has been excluded from this analysis. An artifact listed in Medunová's catalogue under inv. No. 5056 (Medunová-Benešová 1981, 123, Taf. 157: 13) should be No. 5016, as in Palliardi's list. It was included by Medunová in the layer C assemblage (Medunová-Benešová 1981, 144) however, its inventory No. (5056) belongs to a potsherd not associated with any cultural layer in Palliardi's list.

The text section of Medunová's catalogue of layer C artifacts omitted 18 artifacts. We identified four of these artifacts and we have documented them (inv. Nos. 978, 992, 2220 and 5016). From level denoted as "C" there is an assemblage of at least 55 artifacts. It is because No. 4952 in the Palliardi's list refers to a collection of artifacts of an unknown number, which have not been identified (Table 2).

In Medunová's catalogue, layer B is represented by 14 lithic chipped artifacts – inv. Nos. 619, 690, 998, 3504, 3505, 4904-4906, 5026, 5027 and 7438, and 3 without numbers (they have been given inv. Nos. 981, 4943/39, 4943/40). When Medunová was elaborating finds from layer B, artifacts with Nos. 947, 3509, 3513 and 4903/1-39, 41 were not identified. This author included three other artifacts in the polished industry category (inv. Nos. 3509, 3513, 3580; Medunová-Benešová 1972, 150). Based on our research, the total number of lithic artifacts from this layer is 58 pieces.

5. 3. Characteristics of the lithic chipped industry from individual settlement layers

5. 3. 1. Layer C2

On the basis of pottery finds, layer C2 has been linked with the Funnel Beaker culture (Palliardi 1914, 267, 268, Abb. 13–18). At first it was believed that the finds represent a younger stage of development of that unit in Moravia (Houšková 1960, 6, 7). Later analyses indicated that part of the material belongs to the Baalberg phase, while the other, comparable with tombs of circumferential construction in northern Moravia, corresponds with the Boleráz phase of the Baden culture (Podborský s kolektivem 1993, 169; Šmíd 1992, Tab. 1).

Lithic chipped artifacts total 27 pieces (Table I and II), nine of them not identified. Beside rock (Plate I: 8; II: 4) there are blades (Plate I: 8; II: 4), including forms with retouch and sickle gloss (Plate I: 2, 3, 6; II: 5, 6). A noteworthy find is a blade with traces of resin (Fig. 2). Most frequently occurring tools are endscrapers (Plate I: 4), some of them on massive flakes (Plate I: 7), and on blades (Plate I: 9). End-

scrapers with retouched lateral edges (Plate II: 1, 2) are remarkable, with known analogies e.g. the Funnel Beaker settlement site in Pietrowice Wielkie in Upper Silesia (Balcer 1980, 161, 162, ryc. 2: k; 3: c; 4: b). An artifact with inv. No. 933 identified by Medunová as a "point with retouched edge of hornstone" (*Hornsteinspitze mit Kantenretusche*; Medunová-Benešová 1981, 60), has not been identified in the Moravian Museum (there is only a drawing corresponding to that description; Plate XVII: 7). Instead, the number above is attached to a proximal part of a blade, with one edge retouched and with sickle gloss (Plate XVII: 8). It is very probable that this artifact is not from Jevišovice-*Starý Zámek*.

In terms of raw material (Table 3), the assemblage is dominated by cherts of the Krumlovský les type (12 artifacts). Two artifacts are made from siliceous weathering products of serpentinites and three others are silicites from glacial sediments. Radiolarite, Stránská skála chert and one rock described as either Krumlovský les, or Stránská skála chert, are represented by single artifacts. We presume that they were brought to *Starý Zámek* as finished products. They could reflect contacts maintained by the Funnel Beaker inhabitants with the Brno region and northern Moravia, where the respective sources are located.

5. 3. 2. Layer C1

Layer C1 can be associated with the Baden culture on the basis of pottery (Palliardi 1914, 268–270; Podborský s kolektivem 1993, 182). Lithic chipped industry is represented by two artifacts only – an endscraper on a flake (Plate IV: 20) and a raw material piece, both Krumlovský les type chert, variety 1.

5. 3. 3. Layer C

The exact location of artifacts labeled "C" is unknown. The collection numbers 57 pieces, 20 of which have not been identified in the Moravian Museum collections.

In contrast to layer C2, the assemblages include a core (Krumlovský les type chert, variety I), with blade negatives (Plate XVII: 3). There are also blades with lengths ranging 24 to 61 mm. All except one are retouched (Plate IV: 6, 9, 10, 11, 13, 14, 18, 19; V: 4, 7, 8, 11, 12). Forms with transversal retouch are remarkable (Plate III: 4). Endscrapers occur frequently (16 artifacts; four others listed by Palliardi have not been identified) either on blades (Plate IV: 16; V: 9; XII: 5), or flakes (Plate IV: 1-5, 7, 17; V: 3). One of them is fashioned from a massive blade and is very similar to endscrapers from layer C2 (Plate I: 9) and to those from Pokorný's surface collection (Plate XVIII: 9). Short endscrapers on flakes form a subgroup - so-called *unguiformes* (Plate IV: 2–5),

known from later stages of the Jevišovice culture (Brno-Maloměřice: Kopacz, Přichystal, Šebela 2014, XVI: 2–8, XVIII: 10, 11), the Corded Ware culture (Kopacz, Šebela 1992, Abb. 1: 7), the Bell Beaker culture (Kopacz, Přichystal, Šebela 2009, 101, Plate XVIII: 10; XXXVIII: 9), and the Proto-Únětice culture (Kopacz, Šebela 1998, Fig. 3: 31).

A unique find in the layer C assemblage is a fragment of a flat implement with bifacially retouched edges made of Bavarian tabular silicite of the Baiersdorf type. Retouch on one side with remains of cortex is flat (the other side is also cortical; Plate III: 8; XXII: 7, 8). The artifact can be interpreted as part of a dagger without a handle. According to Medunová, it could also have been a sickle blade with a concave edge (Medunová-Benešová 1979, 7–8, obr. 3 a 6: 1). Analogous forms known from Czech territories (Šebela, Přichystal 2014, obr. 5: 1ab) and Bavaria (Binsteiner 2011, 22) have been identified specifically as daggers without a handle from the final stages of the Eneolithic. They appear at upland sites of the Cham culture, e.g. at the *Lopata* hillfort on the cadastre of Milínov, Plzeň-jih district (cf. Popelka 2001, obr. 2: 7, 10; Prostředník 2001, 147, obr. 53–65). A Moravian analogy is a dagger fragment from Lesná, Znojmo district (surface find; Šebela, Přichystal, Hetflaiš, in press), also from Bavarian tabular silicite of the Baiersdorf type.

The silicite of the Arnhofen type is represented by a borer on a blade with a broken tip (Plate III: 5), with cortex on the right edge (Plate XXIII: 5). Another completely preserved artifact of that type was made from Krumlovský les type chert, variety II (Plate V: 1). The artifact with inv. No. 7443 (Medunová-Benešová 1981, 125, incorrectly listed as No. 1443) has not been identified. It was probably either a massive flake or an endscraper on a flake, or on a core fragment (Plate V: 6).

Petrographic analysis (Table 3) indicates a prevalence of local raw materials, especially cherts of the Krumlovský les, variety I (19 artifacts). The proportion of siliceous weathering products of serpentinites (6 artifacts) is remarkable. The spectrum is complemented by imported rocks: Bavarian *Plattensilex*, both of the Baiersdorf (Plate XXIII: 7, 8) and the Arnhofen types (Plate XXIII: 5), and Jurassic silicites from the Cracow-Częstochowa Upland (Plate XXIV: 1, 2).

5. 3. 4. Layer B

Layer B yielded the largest lithic industry collection numbering 58 artifacts (3 of which not available). Two cores are interesting; one is a blade core in an early stage of exploitation (Plate VIII: 9), the other a flake core (Plate IX: 2). There is also an artifact

that can be interpreted either as a remnant core or a raw material chunk (Plate IX: 3). Retouched (Plate VI: 1–3, 5–6; VIII: 1) and unretouched (Plate VIII: 2–3) blades in the collection are 30–75 mm long. One blade is 115 mm long made from silicite from glacial sediments of the northern silicite (Plate VI: 10).

In comparison with the previous collection, endscrapers are poorly represented. Two endscrapers on massive flakes (Plate VI: 11, 13) resemble endscrapers of the unguiforme type, very frequent in layer C (cf. Chapter 5. 3. 3). One of these tools (Plate VI: 11) was probably combined with a perforator (Kopacz, Přichystal, Šebela 2014, 32). The third endscraper was made from a long narrow blade (Plate VIII: 5). Moreover, Palliardi's list contains an entry "retouched narrow endscraper" (inv. No. 947), which has not been identified.

Knife-like tools are similar to the sidescrapers. One such artifact was found in layer B (Plate VI: 9). There are also a number of flakes (Plate VII: 7, 10, 11, 13; VIII: 11; IX: 5; X: 2), some of them retouched (Plate VI: 14). In contrast to the previous collection, the assemblage from layer B also contains non-typological tools on flakes and blades (e. g. with denticulated retouch; Plate VI: 3, 5, 10). Implements of that type are very frequent in materials of the Jevišovice culture from Brno-Maloměřice (Kopacz, Přichystal, Šebela 2014, 34).

Specific forms referred to in literature in German as *Krummesser* (literally "curved knife") were also identified. Tools of that type were most often produced from non-siliceous rocks, with polishing the main technique being used. For this reason they do not represent the lithic chipped industry *sensu stricto*, but rather its peripheries (Kopacz 2011), as elements of the chipping technique were also utilized (e.g. for shaping the cutting edge). It is understandable that Medunová included these artifacts in the lithic polished industry category of (Medunová-Benešová 1972, 150).

One *Krummesser* in our collection made of sandstone is polished along its entire surface. Its slightly concave cutting edge shows traces of utilization retouch (Plate IX: 6). Two other artifacts from the same layer are not typical and can be classified as unfinished *Krummesser* (Plate X: 8; XI: 2), as well as a third piece from the Jevišovice site, which is not from a stratified context (Plate XI: 1).

The best analogies of the forms described above can be found in the Schneckenberg-Glina III context (Kopacz 2001, 92, 93, Tabl. IV 1, 4–7; IX: 1–4). Based on present information, *Krummesser* appears in today's Romania towards the end of the so-called Transition Period, in milieu of the late Coțofeni and

the Pit Grave cultures (Kopacz 2011, 66–68). The occurrence of these tools peaks at the beginning of the Bronze Age. Finds from layer B in Jevišovice mark the westernmost limits of their extent, which is further than expected. In Moravia, a *Krummesser* has also been found at a settlement site dating to the later stage of the Únětice culture in Šatov, Znojmo district (Kopacz, Šebela 2006, Plate LII: 9; Kopacz, Přichystal, Šebela 2014, 34).

Raw material composition of the assemblage (Table 3) indicates the prevalence of siliceous weathering products of serpentinites (49%), represented also by a chunk of this raw material (Plate IX: 4). Cherts of the Krumlovský les type (varieties I and II) have a smaller but still significant proportion (about 30%). Other materials (Moravian Jurassic cherts, chert breccia, smoky quartz) are represented by one or two artifacts. Three artifacts made from “traditional” silicites from glacial sediments have been identified. There are also non-siliceous rocks – sandstone (3 artifacts including *Krummesser*) and Bohemian spilite volcanoclastic rock, the latter represented by an irregular flake (Plate VIII: 13) - probably a waste product from the manufacture of polished axes.

6. *Starý Zámek* – Palliardi’s surface collection

The collection includes 214 lithic chipped artifacts, some of them possibly obtained from Palliardi’s excavation (in some cases the original inv. No. is not visible). Cores are represented by 4 pieces, three of them with flake negatives (Plate XVI: 4; XV: 6, 12; in the second case detached from opposite sides). Core No. 17/24-159 had both flakes and blades detached (Plate XVII: 5). Frequency occurrence of flakes and flake fragments is relatively high (75 pieces; e.g. Plate XVI: 2). There are also 10 flakes with occasional retouch (Plate XV: 2, 13; XVI: 1). The number of blades and blade fragments is slightly lower (71 pieces; e.g. Plate XV: 8). Tools numbering 33 artifacts are represented by retouched blades (Plate XVI: 3, 6), a sidescraper, an endscraper on a flake and a splintered piece.

An artifact with access No. Pa 17/24-157 at the Archaeological Institute of MZM Brno differs from the others both in shape and state of preservation (deep whitish patina; for more detailed information on the artifact cf. Šebela *et al.* 2015). It is a sidescraper with a convex cutting edge on a massive flake, 84.5×55.5×8 mm in size, fashioned by stepped retouch (Plate XXVI: 7). The artifact was petrographically identified. In parts where the original surface was damaged, it can be observed that the patina layer is up to 1 mm thick. The siliceous mass is moderate brown (Munsell: 5YR 4/4) with

white suspension and fragments (up to 1 mm) of indetermined fossils (Plate XXIV: 5).

No clear identifications have been made by observing elements of the siliceous mass in water immersion under a stereomicroscope. Due to the presence of red pigment and sharp-edged petrosilex, the most probable provenience of this raw material is the Cracow-Częstochowa Upland, although similar material is present on the northern fringes of the Świętokrzyskie Mts. (Přichystal 2009a, 97). Thickness of the patina envelope suggests that the artifact may be older than the Upper Paleolithic. The presence of Polish raw materials in the Moravian Middle Paleolithic is rather unusual, although a “brown flint” (*ca.* 2 per cent; Valoch 1987, 264), possibly originating in the Cracow area has been recorded in Micoquian and Taubachian layers of Kůlna Cave (Moravian Karst).

The artifact from *Starý Zámek* has no close analogies in the Czech Republic, but similar types have been recorded in Middle Paleolithic assemblages in Lesser Poland, for example in Zamkowa Dolna Cave in Olsztyn (Kopacz 1975, Tablica VI: 2) and Towarna Cave in Kusięta (Kopacz, Skalski 1976, Fig. 58: a, both localities are located in the Częstochowa district). Taking into account the state of preservation (deep patina), the artifact from *Starý Zámek* probably dates to the Middle Paleolithic. The raw material suggests Lesser Polish provenience, probably the Cracow-Jurassic Upland. However, the *Starý Zámek* site, located on a promontory over the Jevišovka River (Map 1) is not a typical site known for Middle Paleolithic groups which are thought to have preferred cave dwellings, such as Kůlna and Pekárna caves in the Moravian Karst (Valoch a kolektiv autorů 2011).

In the *Starý Zámek* collection (*ca.* 500 pieces), five artifacts are made from Jurassic silicite from the Cracow-Częstochowa Upland. Two of them (inv. Nos. 945 and 950) do not have stratigraphic provenience (Plate XIV: 1; XIII: 3). Artifacts with inv. Nos. 954 (Plate XIV: 16) and 7012 (Plate V: 4) are generally linked with layer C. The last artifact (inv. No. 5026), found in layer B, represents Jurassic silicite from the Cracow-Częstochowa Upland, variety Gojśc (Plate VI: 6). There is also an endscraper from the Świeciechów chert, with retouched edges (Plate XXIII: 6), but not stratified. Morphologically it corresponds with endscrapers of the Funnel Beaker culture in Poland (Balcer 1980, 161, ryc. 2: k; 3: c, 7: c; 12: o). The observations presented above indicate that artifacts from *Starý Zámek* made from Polish raw materials played a significant role, particularly during the Funnel Beaker culture period (layer C2). This leads to the conclusion that the Middle Paleolithic sidescraper was brought to the hillfort together with other silicate artifacts of from southeastern Poland during the Early Eneolithic (Šebela, Přichystal, Škrdla, Humpolová in press).

7. Lithic chipped in collections other than the Moravian Museum

7. 1. Institute of archaeology of the Faculty of Philosophy of the Charles University, Prague

There is a collection of lithic and ceramic artifacts accompanied by a handwritten note: *Jevišovice Hradisko, Nordická vrstva, 30 ks pazourků a střepy, tluk a kamenný klín (zlomek). Palliardi, 15/8/1910.*

This collection numbers 21 lithic chipped artifacts. Eighteen of them are made on siliceous products of weathering serpentinites, two on Krumlovský les type chert, variety I, and one on quartz. There are blades and blade fragments (Plate XX: 1, 3, 5–7, 13, 15, 17), laminar flakes (Plate XX: 2, 16), and flakes (Plate XX: 8, 9–11, 18–20). One of the flakes shows traces of functional retouch (Plate XX: 4), another was used as an endscraper (Plate XX: 12). The accompanying pottery fragments (9 potsherds) can be only approximately dated to the Eneolithic (Fig. 1). Those with washing traces on the surface (Fig. 1: 5, 7) can be associated with layer B. A bowl fragment with knobs between neck and belly (Fig. 1: 8) was identified, possibly associated with the Late Lengyel period, including the Moravian Printed Pottery (information kindly provided by Mgr. P. Kalábková, Ph. D., Department of History of the Faculty of Philosophy of the Palacký University, Olomouc).

7. 2. Museum of the Labe region in Poděbrady

The collection includes 8 lithic artifacts, including 3 unretouched blades (Plate XXI: 3, 4, 7), 2 flakes (Plate XXI: 2, 6) and a piece of raw material (Plate XXI: 1). The remaining two artifacts are polished stone industry – an axe fragment (Plate XXI: 5) and a cubic-shaped artifact with utilization traces (Plate XXI: 8). With the exception of a greenschist axe of the Želešice type from the Brno region, the artifacts were made of siliceous products of serpentinites.

7. 3. Museum of South Moravia in Znojmo

In late 1930s the Museum in Znojmo purchased 55 lithic artifacts collected from the *Starý Zámek* site by teacher L. Pokorný (no more detailed information is available). Flakes and flake fragments are the most common types in this assemblage (Table 4 - 29 artifacts; Plate XIX: 10, 13, 16). Nine of them possess marginal retouch (Plate XVIII: 2, 9; XIX: 4, 12). There are 16 tools – 3 sidescrapers on flakes (Plate XVIII: 7; XIX: 3), a splintered piece on

a flake (Plate XIX: 19), knives (Plate XIX: 11, 14) and endscrapers (6 artifacts; Plate XVIII: 6, XIX: 6–8). The latter group includes an artifact with usewear on the proximal end (Plate XVIII: 16) and a double endscraper (Plate XVIII: 15). Retouched (Plate XVIII: 5, 11) and unretouched blades (Plate XVIII: 3; XIX: 13, 17) occur less frequently. Raw material analysis (Table 3) indicates the presence of siliceous products of weathering serpentinites, cherts of the Krumlovský les type, varieties I and II. Silicites from glacial sediments, Olomučany cherts and Moravian Jurassic cherts were also occasionally used.

8. Traces of a tar substance on an artifact

A blade from layer C2 has traces of a black organic substance on the ventral surface (Fig. 2). A sample of this substance was placed in 0.5 ml of chloroform and subjected to ultrasound for 15 minutes. Then the extract was filtered through fiberglass

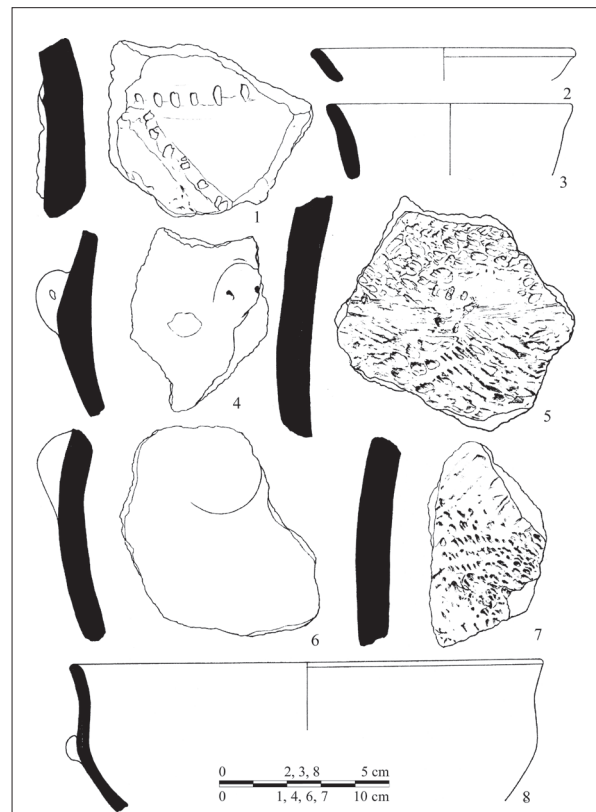


Fig. 1. Jevišovice. Hillfort *Starý Zámek*. Pottery without cultural context. Faculty of Philosophy of the Charles University in Prague (Institute of Archaeology). Drawn by J. Brenner.

Obř. 1. Jevišovice. Hradisko *Starý Zámek*. Keramika bez kulturního kontextu. Filozofická fakulta Karlovy univerzity v Praze (Ústav pro archeologii). Kresba J. Brenner.

and subjected to chromatographic analysis using GC-MS QP 2010 (Shimadzu). 0.1–5.0 µl was injected in splitless regime at a temperature of 300°C. Capillary column DB-XXLB (length 30 mm, diameter 0.25 mm, layer thickness 0.25 µm) was utilized for separation. Temperature program: 80 °C (1 minute), then 10 °C/min up to 320 °C, then 20 minute at that temperature. Gas flow was 1.5 ml/min, interface 320 °C, temperature of ionic source 200 °C. Electronic ionization (EI) with energy 70 eV was applied, measuring was in the Scan mode (m/z 40 – 1000).

Due to the small size of the sample, it was possible to identify only two components with fragments of typical triterpenoidal $m/z = 189$ and 424 (Budzikiewicz, Wilson, Djerassi 1963; Regert, Rolando 2002). Automatic identification of spectra using NIST determined these components as lupeol and betulin, typical for tar obtained by dry distillation of birch bark (Hayek, Krenmayr, Lohninger, Jordis, Moche, Sauter 1990; Regert, Rolando 2002; Regert 2004).

Tar was used in prehistory to attach silicite blades to handles of other materials, such as wood or bone (Prokeš, Procházková, Kuča, Parma, Fortík, Humpola 2009, 125). In the Moravian Eneolithic, similar practice has been confirmed from a Bell Beaker culture burial in Dolní Sukolom (grave 8), where beewax was identified on a blade (Prokeš 2009, 274).

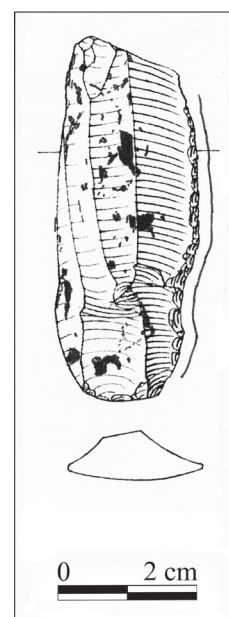


Fig. 2. Jevišovice. Hillfort *Starý Zámek*. Layer C2. Blade with the remnants of the resin (black) of the birch bark. Drawn by J. Brenner.

Obr. 2. Jevišovice. *Hradisko Starý Zámek*. Vrstva C2. Čepel s pozůstatky dehtu z březové kůry (vyznačeno černě). Kresba J. Brenner.

Order no.	Acces no.	Pallardi's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
1	Pa 16/24	168					x		
2	Pa 17/24	619				x		Pl. VI: 9.	
3	Pa 17/24	690				x		Pl. VI: 2.	
4	Pa 17/24	743					x		
5	PA 17/24	744					x		
6	Pa 17/24	745			x			Pl. IV: 14.	
7	Pa 17/24	746					x		
8	Pa 17/24	908			x			Pl. IV: 17.	
9	Pa 17/24	909			x			Pl. IV: 2.	
10	Pa 17/24	910			x			Pl. IV: 1.	
11	Pa 17/24	911	x						
12	Pa 17/24	912			x			Pl. IV: 3.	
13	Pa 17/24	913			x			Pl. IV: 7.	
14	Pa 17/24	914			x			Pl. IV: 4.	
15	Pa 17/24	915					x		
16	Pa 17/24	916					x		
17	Pa 17/24	917			x			Pl. IV: 8.	
18	Pa 17/24	918					x	Pl. IV: 5.	
19	Pa 17/24	919	x					Pl. I: 1.	
20	Pa 17/24	920	x						
21	Pa 17/24	921					x		
22	Pa 17/24	922					x		
23	Pa 17/24	923					x		

Order no.	Acces no.	Pallardi's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
24	Pa 17/24	924					x		
25	Pa 17/24	925					x		
26	Pa 17/24	926					x		
27	Pa 17/24	927					x		
28	Pa 17/24	928	x						
29	Pa 17/24	929					x		
30	Pa 17/24	930					x		
31	PA 17/24	931					x	Pl. XII: 3.	
32	Pa 17/24	932					x		
33	Pa 17/24	933			x			Pl. XVII: 7,8.	
34	Pa 17/24	934					x		
35	Pa 17/24	935					x		
36	Pa 17/24	936	x						
37	Pa 17/24	937					x		
38	Pa 17/24	938					x		
39	Pa 17/24	939					x	Pl. XII: 1.	
40	Pa 17/24	940					x		
41	Pa 17/24	941					x		
42	Pa 17/24	942			x			Pl. IV: 9.	
43	Pa 17/24	943					x		
44	Pa 17/24	944			x			Pl. V: 7.	
45	Pa 17/24	945					x	Pl. XIV: 1	
46	Pa 17/24	946					x	Pl. XII: 2; XXIV: 4.	
47	Pa 17/24	947				x		Pl. VIII: 5.	
48	Pa 17/24	948			x			Pl. III: 7.	
49	Pa 17/24	949					x	Pl. XII: 8.	
50	Pa 17/24	950					x	Pl. XIII:3; XXIV:3	
51	Pa 17/24	951			x				
52	Pa 17/24	952					x		
53	Pa 17/24	953					x		
54	Pa 17/24	954			x			Pl.XIV:16;XXIV:2	
55	Pa 17/24	955	x						
56	Pa 17/24	956					x		
57	Pa 17/24	957					x		
58	Pa 17/24	958					x		
59	Pa 17/24	959					x		
60	Pa 17/24	960			x			Pl. XII: 5.	
61	Pa 17/24	961			x				
62	Pa 17/24	962					x		
63	Pa 17/24	963					x		
64	Pa 17/24	964					x		
65	Pa 17/24	965					x	Pl. XII: 6.	
66	Pa 17/24	966			x			Pl. V: 10.	
67	Pa 17/24	967	x					Pl. I: 2.	
68	Pa 17/24	968					x		
69	Pa 17/24	969					x		
70	Pa 17/24	970			x			Pl. V: 12.	
71	Pa 17/24	971			x				
72	Pa 17/24	972			x				
73	Pa 17/24	973			x			Pl. III : 8; XXIII: 7,8.	
74	Pa 17/24	974					x		
75	Pa 17/24	975					x	Pl. XII: 11.	
76	Pa 17/24	976			x			Pl. V: 8.	
77	Pa 17/24	977					x		
78	pa 17/24	978			x				
79	Pa 17/24	979					x		

Order no.	Acces no.	Pallardi's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
80	Pa 17/24	980			x				
81	Pa 17/24	981				x	Pl. VI: 10.		
82	Pa 17/24	982				x	Pl. V: 3.		
83	Pa 17/24	983				x	Pl. XII: 7.		
84	Pa 17/24	984				x	Pl. XII: 10.		
85	Pa 17/24	985				x	Pl. XII: 9.		
86	Pa 17/24	986			x				
87	Pa 17/24	987			x		Pl. V: 9.		
88	Pa 17/24	988				x	Pl. XXIII: 6.		
89	Pa 17/24	989				x			
90	Pa 17/24	990			x		Pl. IV: 16.		
91	Pa 17/24	991	x				Pl. II: 5.		
92	Pa 17/24	992			x		Pl. XXII: 1.		
93	Pa 17/24	993			x		Pl. IV: 13.		
94	Pa 17/24	994				x			
95	Pa 17/24	995			x				
96	Pa 17/24	996	x						
97	Pa 17/24	997				x	Pl. XII: 4.		
98	Pa 17/24	998				x	Pl. VIII: 9.		
99	Pa 17/24	2160	x				Pl. II: 4.		
100	Pa 17/24	2173	x				Pl. I: 8.		
101	Pa 17/24	2195	x				Pl. II: 1.		
102	Pa 17/24	2196	x				Pl. I: 9.		
103	Pa 17/24	2197				x			
104	Pa 17/24	2198				x			
105	Pa 17/24	2199				x			
106	Pa 17/24	2200				x			
107	Pa 17/24	2201	x				Pl. II: 2.		
108	Pa 17/24	2202	x				Pl. I: 7.		
109	Pa 17/24	2003	x						
110	Pa 17/24	2204	x				Pl. II: 8.		
111	Pa 17/24	2205	x				Pl. II: 3.		
112	Pa 17/24	2206	x				Pl. I: 6.		
113	Pa 17/24	2207				x			
114	Pa 17/24	2208				x			
115	Pa 17/24	2209				x	Pl. XIII: 6.		
116	Pa 17/24	2210				x	Pl. XIII: 7.		
117	Pa 17/24	2211			x				
118	Pa 17/24	2212				x			
119	Pa 17/24	2213				x	Pl. XIII: 1.		
120	Pa 17/24	2214			x				
121	Pa 17/24	2215				x			
122	Pa 17/24	2216				x	Pl. XIII: 4.		
123	Pa 17/24	2217				x	Pl. XIII: 2.		
124	Pa 17/24	2218				x			
125	Pa 17/24	2219				x			
126	Pa 17/24	2220			x		Pl. IV: 18.		
127	Pa 17/24	2221			x		Pl. IV: 15; XXII: 6		
128	Pa 17/24	2222			x		Pl. IV: 10.		
129	Pa 17/23	2223			x				
130	Pa 17/24	2224			x		Pl. V: 1.		
131	Pa 17/24	2225				x			
132	Pa 17/24	2226	x				Pl. I: 3.		
133	Pa 17/24	2227			x		Pl. IV: 11.		
134	Pa 17/24	2350				x			
135	Pa 17/24	3078				x			

Order no.	Acces no.	Palliardí's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
136	Pa 17/24	3079					x	Pl. IV: 20.	
137	Pa 17/24	3504				x		Pl. VI: 13.	
138	Pa 17/24	3505				x		Pl. VI: 8.	
139	Pa 17/24	3509				x		Pl. XI: 1.	
140	Pa 17/24	3511					x	Pl. XI: 2.	
141	Pa 17/24	3513				x		Pl. X: 8.	
142	Pa 17/24	3580				x		Pl. IX: 6.	
143	Pa 17/24	4903/1				x		Pl. VII: 11.	
144	Pa 17/24	4903/2				x		Pl. VII: 14.	
145	Pa 17/24	4903/3				x		Pl. VIII: 6.	
146	Pa 17/24	4903/4				x		Pl. X: 6.	
147	Pa 17/24	4903/5				x		Pl. VIII: 1.	
148	Pa 17/24	4903/6				x		Pl. VIII: 7.	
149	Pa 17/24	4903/7				x		Pl. VII: 2.	
150	Pa 17/24	4903/8				x		Pl. IX: 5.	
151	Pa 17/24	4903/9				x		Pl. VII: 13.	
152	Pa 17/24	4903/10				x		Pl. VIII: 11.	
153	Pa 17/24	4903/11				x		Pl. X: 3.	
154	Pa 17/24	4903/12				x		Pl. X: 2.	
155	Pa 17/24	4903/13				x		Pl. VII: 10.	
156	Pa 17/24	4903/14				x		Pl. VII: 7.	
157	Pa 17/24	4903/15				x		Pl. VIII: 8.	
158	Pa 17/24	4903/16				x		Pl.VII: 3.	
159	Pa 17/24	4903/17				x		Pl. VIII 10.	
160	Pa 17/24	4903/18				x		Pl. VII: 6.	
161	Pa 17/24	4903/19				x		Pl. VIII: 13.	
162	Pa 17/24	4903/20				x		Pl.VII: 9.	
163	Pa 17/24	4903/21				x		Pl. IX: 1.	
164	Pa 17/24	4903/22				x		Pl. X: 1.	
165	Pa 17/24	4903/23				x		Pl. X: 4.	
166	Pa 17/24	4903/24				x		Pl. VII: 5.	
167	Pa 17/24	4903/25				x		Pl. X: 7.	
168	Pa 17/24	4903/26				x		Pl. VIII: 12.	
169	Pa 17/24	4903/27				x		Pl. IX: 2.	
170	Pa 17/24	4903/28				x		Pl. IX: 4.	
171	Pa 17/24	4903/29				x		Pl. IX: 3.	
172	Pa 17/24	4903/30				x		Pl. VII: 12.	
173	Pa 17/24	4903/31				x		Pl. VIII: 2.	
174	Pa 17/24	4903/32				x		Pl. X: 5.	
175	Pa 17/24	4903/33				x		Pl. VIII: 3.	
176	Pa 17/24	4903/34				x			
177	Pa 17/24	4903/35				x		Pl. VII: 4.	
178	Pa 17/24	4903/36				x		Pl. VII: 8.	
179	Pa 17/24	4903/37				x		Pl. VII: 1.	
180	Pa 17/24	4903/38				x		Pl. VIII: 4.	
181	Pa 17/24	4903/39				x		Pl. VI: 3.	
182	Pa 17/24	4903/40				x		Pl. VI: 4.	
183	Pa 17/24	4903/41				x			
184	Pa 17/24	4904				x		Pl. VI: 12.	
185	Pa 17/24	4905				x		Pl. VI: 5.	
186	Pa 17/24	4906				x		Pl, VI: 1.	
187	Pa 17/24	4911					x		
188	Pa 17/24	4912					x		
189	Pa 17/24	4913					x	Pl. XIII: 10.	
190	Pa 17/24	4914					x	Pl. XIV: 15.	
191	Pa 17/24	4915					x	Pl. XIV: 12.	

Order no.	Acces no.	Pallardi's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
192	Pa 17/24	4916					x		
193	Pa 17/24	4917					x		
194	Pa 17/24	4918					x		
195	Pa 17/24	4919					x		
196	Pa 17/24	4920					x		
197	Pa 17/24	4921					x		
198	Pa 17/24	4922					x	.	
199	Pa 17/24	4923					x	Pl. XIV: 5.	
200	Pa 17/24	4924					x	Pl. XIV: 2.	
201	Pa 17/24	4925					x		
202	Pa 17/24	4926					x		
203	Pa 17/24	4927					x	Pl. XIV:8.	
204	Pa 17/24	4928					x	Pl. XIV:9; XXII:2.	
205	Pa 17/24	4930					x		
206	Pa 17/24	4931					x	Pl. XIV: 6.	
207	Pa 17/24	4932					x	Pl. XIV: 10.	
208	Pa 17/24	4933					x	Pl. XIV:11; XXII:8	
209	Pa 17/24	4934					x		
210	Pa 17/24	4935					x		
211	Pa 17/24	4936					x	Pl. XIV: 4.	
212	Pa 17/24	4937					x		
213	Pa 17/24	4938					x		
214	Pa 17/24	4940					x		
215	Pa 17/24	4941					x		
216	Pa 17/24	4942					x		
217	Pa17/24	4942					x		
218	Pa 17/24	4944					x	Pl. XIV: 3.	
219	Pa 17/24	4945					x		
220	Pa 17/24	4946					x	Pl. XIV: 13.	
221	Pa 17/24	4947					x	Pl. XIII: 9.	
222	Pa 17/24	4948					x	Pl. XIV: 14.	
223	Pa 17/24	4949					x	Pl. XIII: 5.	
224	pa 17/24	4950					x	Pl. XIII: 8.	
225	Pa 17/24	4951	x						find collection
226	Pa 17/24	4952			x				find collection
227	Pa 17/24	4953					x		find collection
228	Pa 17/24	4954					x		
229	Pa 17/24	5006			x			Pl. XVII: 3.	
230	Pa 17/24	5007			x				
231	Pa 17/24	5008			x			Pl. V: 2.	
232	Pa 17/24	5009			x			Pl. IV: 19.	
233	Pa 17/24	5010			x			Pl. IV: 12.	
234	Pa 17/24	5011			x				
235	Pa 17/24	5012			x			Pl. IV: 6.	
236	Pa 17/24	5013			x			Pl. III: 2.	
237	Pa 17/24	5014			x			Pl. III: 4	
238	Pa 17/24	5015			x			Pl. III: 3.	
239	Pa 17/24	5016			x			Pl. III: 5.	
240	Pa 17/24	5026				x		Pl. VI: 6.	
241	Pa 17/26	5027				x		Pl. VI: 7.	
242	Pa 17/24	6924	x					Pl. III: 1.	
243	Pa 17/24	6925	x					Pl. I: 5.	
244	Pa 17/24	6926	x					Pl. II: 6.	
245	Pa 17/24	6968	x					Pl. I: 4.	
246	Pa 17/24	6969			x			Pl. II: 7.	
247	Pa 17/24	6970			x				

Order no.	Acces no.	Palliardi's collection	Layer				Without designation	Presentation	Comment
			C2	C1	C	B			
248	Pa 17/24	6971					x	Pl. XVII: 6.	
249	Pa 17/24	6972					x		
250	Pa 17/24	6973					x	Pl. XVII: 4.	
251	Pa 17/24	7012			x			Pl. V:5; XXIV:1.	
252	Pa 17/24	7063	x						
253	Pa 17/24	7438				x		Pl. VI: 11.	uncertain
254	Pa 17/24	7439				x		Pl. XVII: 2.	
255	Pa 17/24	7440					x	Pl. XVII: 9.	
256	Pa 17/24	7441					x		
257	Pa 17/24	7442			x			Pl. V: 5.	
258	Pa 17/24	7443			x			Pl. V: 6.	
259	Pa 17/24	7444					x		
260	Pa17/24-115		x					Pl. III: 6.	

Table 1. Jevišovice, *Starý Zámek*. Lithic chipped artifacts from J. Palliardi's excavations referred in his list to specific settlement layers, identified in the Moravian Museum.

Tabulka 1. Jevišovice, *Starý Zámek*. Kamenná štípaná industrie z výzkumu J. Palliardiho s vyznačením příslušnosti k sídlištní vrstvě podle jeho soupisu nálezů uloženého v Moravském zemském muzeu.

Order No.	Inv. No.	Signature of the Layer	
		on the Artifact	Palliardi's inventory
1	619	B	B
2	690	B	B
3	745	C	C
4	908	C	C
5	909	C	C
6	910	C	C
7	911	C2	C2
8	912	C	C
9	913	C	C
10	914	C	C
11	917	C	c
12	918	C	without indication
13	919	C2	C2
14	920		C2
15	928		C2
16	933	C	C
17	936	C2	C2
18	942	C	C
19	944	C	C
20	947		B
21	948	C	C
22	951	C	C
23	954	C	C
24	955		C2
25	960	C	C
26	961	C	C
27	966	C	C
28	967	C2	C2
29	970		C

Order No.	Inv. No.	Signature of the Layer	
		on the Artifact	Palliardi's inventory
30	971		C
31	972		C
32	973	C	C
33	976	C	C
34	978	C	C
35	980		C
36	981	B	B
37	982	C	without indication
38	986	C	C
39	987	C	C
40	990	C	C
41	991	C2	C2
42	992	C	C
43	993	C	C
44	995	C	C
45	996		C2
46	998	B	B
47	2160		C2
48	2173	C2	C2
49	2195	C2	C2
50	2196	C2	C2
51	2201	C2	C2
52	2202	C2	C2
53	2203		C2
54	2204	C2	C2
55	2205	C2	C2
56	2206	C2	C2
57	2211	C	C
58	2214	C	C

Order No.	Inv. No.	Signature of the Layer	
		on the Artifact	Palliardi's inventory
59	2220		C
60	2221	C	C
61	2222	C	C
62	2223		C
63	2224	C	C
64	2226	C2	C2
65	2227		C
66	3078	C1	without indication
67	3079	C1	without indication
68	3504	B	B
69	3505	B	B
70	3509	B	B
71	3513	B	B
72	3580	B	B
73	4903/1	without indication	B
74	4903/2	without indication	B
75	4903/3	without indication	B
76	4903/4	without indication	B
77	4903/5	without indication	B
78	4903/6	without indication	B
79	4903/7	without indication	B
80	4903/8	without indication	B
81	4903/9	without indication	B
82	4903/10	without indication	B
83	4903/11	without indication	B
84	4903/12	without indication	B
85	4903/13	without indication	B
86	4603/14	without indication	B
87	4903/15	without indication	B
88	4903/16	without indication	B
89	4903/17	without indication	B
90	4903/18	without indication	B
91	4903/19	without indication	B
92	4903/20	without indication	B
93	4903/21	without indication	B
94	4903/22	without indication	B
95	4903/23	without indication	B
96	4903/24	without indication	B
97	4903/25	without indication	B
98	4903/26	without indication	B
99	4903/27	without indication	B
100	4903/28	without indication	B
101	4903/29	without indication	B
102	4903/30	without indication	B
103	4903/31	without indication	B
104	4903/32	without indication	B
105	4903/33	without indication	B
106	4903/34	without indication	B
107	4903/35	without indication	B
108	4903/36	without indication	B
109	4903/37	without indication	B
110	4903/38	without indication	B
111	4903/39	without indication	B
112	4903/40	without indication	B
113	4903/41	without indication	B
114	4904		B
115	4905		B
116	4906		B
117	4951		C2
118	4952		C
119	5006	C	C
120	5007		C
121	5008	C	C
122	5009	C	C
123	5010	C	C
124	5011		C
125	5012	C	C
126	5013	C	C
127	5014	C	C
128	5015	C	C
129	5016	C	C
130	5026	B	without indication
131	5027	B	without indication
132	6924	C2	C2
133	6925		C2
134	6926	C2	C2
135	6968	C2	C2
136	6969	C	C
137	6970	C	C
138	7012	C	C
139	7063	C2	C2
140	7438	B	B
141	7439	B	B
142	7442	C	C
143	7443	C	C
144	Pa 17/24-115	C2	without indication

Table 2. Jevišovice, *Starý Zámek*. Lithic chipped artifacts from settlement layers with signatures not corresponding with the J. Palliardi's list.

Tauka 2. Jevišovice, *Starý Zámek*. Soupis kamenné štípané industrie ze sídlištních vrstev, kde označení vrstvy napsané na artefaktu neodpovídá údajům uvedeným v Palliardiho soupisu.

Raw material	Pallardi's excavation					Pallardi's	FPh ChU	Museum	Museum	Total
	C2	C1	C	B	?	surface	Prague	Znojmo	Poděbrady	
SWPS	2		6	27	26	78	18	17	6	180
ChKL1	5	2	19	11	31	68	2	17		155
ChKL2	5			5	18	42		11		81
ChKL1/2					1					1
ChKL3						2				2
ChKL			2		1	5				8
ChOI					2	2		1		5
ChSS	1				1					2
ChSS/CHKL	1					1				2
ChSS/MJCh								2		2
MJCh				1		1		2		4
RB				1				1		2
Q							1			1
Ra	1									1
SQ				1		1				2
Sandstone				3		1				4
BSVR				1						1
SCCJ			2	1	2					5
AtypSCCJ						1				1
SSŠ					1					1
NF/SGS				1						1
BpTA			1							1
BpTB			1							1
SGS	3		5	2	12	10		3		35
BuS				2		2		1		5
Non vidi	9		20	3	23					56
Total	27	2	55	58	118	214	21	55	6	557

Table 3. Raw material of the chipped stone industry from the hillfort *Starý Zámek* near Jevišovice. Abbreviations: **SWPS** – siliceous weathering products of serpentinites; **ChKL1** – chert of the Krumlovský les type, variety I; **ChKL2** – chert of the Krumlovský les type, variety II; **ChKL1/2** – chert of the Krumlovský les type, variety I or II; **ChKL3** – chert of the Krumlovský les type, variety III; **ChOI** – chert of the Olomučany type; **ChSS** – chert of Stránská skála type; **ChSS/ChKL** – chert of Stránská skála type or chert of the Krumlovský les type; **ChSS/MJCh** – chert of Stránská skála type or Moravian Jurassic cherts; **MJCh** – Moravian Jurassic cherts; **RB** – chert breccias; **Q** – quartz; **MJCh** – Moravian Jurassic cherts; **Ra** – radiolarite; **SQ** – Smoky quartz; **BSVR** – Bohemian spilitite volcanoclastic rock; **SCCJ** – Jurassic silicite from the Cracow-Częstochowa Upland; **atSCCJ** – atypical jurassic silicite from the Cracow-Częstochowa Upland; **ChSSŠ** – the spotted chert of Świeciechów type; **NF/SGS** – north flint or silicite from glacial sediments; **BpTA** – Bavarian tabular chert (*Plattensilex*) – Arnhofen type; **BpTB** – Bavarian tabular chert (*Plattensilex*) – Baidersdorf type; **SGS** – silicites from glacial sediments; **BuS** – silicite rock, burnt; **non vidi** – rock not verified by the authors; **?** – without cultural context; **FPh UCh Praha** – Faculty of Philosophy of the Charles University in Prague; **Museum Znojmo** – South Moravian Museum in Znojmo; **Museum Poděbrady** – Labe Region Museum in Poděbrady.

Tabulka 3. Surovina štípané kamenné industrie z hradiska Starý Zámek u Jevišovic. Zkratky: **SWPS** – křemičité zvětraliny hadců; **ChKL1** – rohovec typu Krumlovský les, varieta I; **ChKL2** – rohovec typu Krumlovský les, varieta II; **ChKL1/2** – rohovec typu Krumlovský les, varieta I nebo II; **ChKL3** – rohovec typu Krumlovský les, varieta III; **ChOI** – rohovec typu Olomučany; **ChSS** – rohovec typu Stránská skála; **ChSS/ChKL** – rohovec typu Stránská skála nebo rohovec typu Krumlovský les; **ChSS/MJCh** – rohovec typu Stránská skála nebo moravský jurský rohovec; **MJCh** – moravský jurský rohovec; **RB** – rohovecová brekcie; **Q** – křemen; **Ra** – radiolarit; **SQ** – záhněda; **BSVR** – česká spilitová vulkanoplatická hornina; **SCCJ** – silicity krakovsko-čestochovské jury; **atSCCJ** – atypický silicit krakovsko-čestochovské jury; **ChSSŠ** – skvrnitý silicit typu Świeciechów; **NF/SGS** – severský pazourek nebo silicit z glacienních sedimentů; **BpTA** – bavorský deskovitý silicit (*Plattensilex*) typu Arnhofen; **BpTB** – bavorský deskovitý silicit (*Plattensilex*) typu Baidersdorf; **SGS** – silicity z glaciálních sedimentů; **BuS** – přepálený silicit; **non vidi** – surovina neverifikována autory; **?** – bez kulturního kontextu; **FPh UCh Praha** – Filozofická fakulta Karlovy univerzity v Praze (Ústav pro archeologii); **Museum Znojmo** – Regionální muzeum ve Znojmě; **Museum Poděbrady** – Polabské muzeum Poděbrady.

Technology	Pallardi's excavation	Pallardi's surface collections	FPh ChU Prague	Museum Poděbrady	Museum Znojmo	Total
raw materials	7	5	1	1	1	8
cores	8	13				21
blades	44	71	8	3	6	132
flakes	26	75	9	2	20	132
flakes with retouche	2	10	2		9	23
splinters	3	8	1		3	15
tools	129	33			16	178
non vidi	41					41
Total	260	215	21	6	55	557

Table 4. Technology spectrum of the chipped stone industry from the hillfort *Starý Zámek* near Jevišovice. Abbreviations: **FPh UCh Praha** – Faculty of Philosophy of the Charles University in Prague (Institute of Archaeology); **Museum Znojmo** – South Moravian Museum in Znojmo; **Museum Poděbrady** – Polabské museum in Poděbrady.

Tabulka 4. Technologické spektrum kamenné štípané industrie z hradiska *Starý Zámek* u Jevišovic. Zkratky: **FPh UCh Prague** – Filozofická fakulta Karlovy univerzity v Praze (Ústav pro archeologii); **Museum Znojmo** – Jihomoravské muzeum ve Znojmě; **Museum Poděbrady** – Polabské muzeum v Poděbradech.

9. Concluding remarks

Material from the *Starý Zámek* hillfort is a lithic assemblage from the Early to Late Eneolithic – representing the Funnel Beaker culture (layer C2), Baden culture (layer C1) and the Jevišovice culture (layer B). Raw material preferences reflect trends observable in southern Moravia since the Late Neolithic, namely phase Ic of the Moravian Painted Pottery. A common element in these industries is the preference for local raw materials, which in the case of *Starý Zámek* hillfort are siliceous weathering products of serpentinites and cherts of the Krumlovský les type.

Sources of the siliceous weathering products of serpentinites are present within 5 km of *Starý Zámek* and were easily obtained (Map 2). One of the potential sources that may have been exploited was examined by J. Kovárník in the late 1980s. The excavation confirmed the presence of four prehistoric structures with materials linked to an early stage of the Moravian Painted pottery culture, the Funnel Beaker culture and the Baden culture. Jevišovice culture ceramic fragments were also recorded (Kovárník 1993, 9, Abb. 3: 4–6, 9).

Cherts of the Krumlovský les type in the analyzed collection are represented by variety I which is a lower quality material than variety II, but is more easily available. Similar situation has been observed in structures of the Moravian Painted Pottery, phase IIb, in Maršovice-Jezeřany (Přichystal, Svoboda 1997, 17). Imported raw materials appear much less frequently in late Neolithic Moravian assemblages and they include silicites from glacial sediments, Jurassic silicites from the Cracow-Częstochowa Upland, spotted chert of the Świeciechów type and Bavarian *Plattensilex*.

Appearance of the Stránská skála chert in layer C2 can be explained by contacts with the Funnel Beaker people from *Starý Zámek* site with their counterparts in the Brno area (Svoboda, Šmíd 1994). Comparisons of raw material spectra of assemblages from individual layers indicate the increasing presence of siliceous weathering products of serpentinites, which peaks in the Jevišovice assemblage from layer B. They were being undoubtedly obtained in the close vicinity of the site, as Kovárník's research indicates.

Lithic chipped industry from layer C2 and higher is dominated by laminar forms of medium size (length up to 70 mm). In contrast to phase IIb of the Moravian Painted Pottery (Košťuřík et al. 1984) and the collection from Stránska skála (Svoboda, Šmíd 1994), we observe a predominance of endscrapers. High endscrapers are typical for phase C2 (Funnel Beakers), also confirmed at Stránska skála (Svoboda, Šmíd 1994, 100, Tab. 2). They also appear at Funnel Beaker sites in Upper Silesia, e.g. in Pietrowice Wielkie. A few pieces from layer B may indicate reuse, or finds from earlier periods.

Interpretations of finds generally associated with layer C are difficult. They contain massive endscrapers (as in C2), but also short *unguiformes* also known from a Jevišovice culture site in Brno-Maloměřice. In contrast, they have not been identified in layer B, linked with the late stage of the Jevišovice culture (as Brno-Maloměřice).

Analysis of lithic chipped material from *Starý Zámek* indicates that assemblages from the individual layers are not homogenous. A reassessment of both stratified and unstratified finds is necessary to enable more detailed interpretations of the specific industries and cultural affiliations.

Resumé

Hradisko *Starý Zámek* u Jevišovic reprezentuje produkci kamenné štípané industrie starého až mladého eneolitu, kterou lze spojit s kulturou nálevkovitých pohárů (vrstva C2), badenskou kulturou (C1) a jevišovickou kulturou (vrstva B). Použitá surovina navazuje na trendy, které se projevují na jihozápadní Moravě od konce neolitu. Je pro ně typické vysoké procento lokálních surovin, které jsou reprezentovány silicity křemičitých zvětralín hadců a rohovci typu Krumlovský les.

Zdroje křemičitých zvětralín hadců byly pro obyvatele jevišovického hradiska snadno dostupné, jak to dokazují bohaté zdroje této suroviny v okruhu 5 km kolem jmenovaného hradiska (mapa 2), z nichž jeden byl objeven a prozkoumán J. Kovárníkem koncem 80. let minulého století. Byly tu zjištěny čtyři objekty ze staršího stupně kultury s moravskou malovanou keramikou, materiál kultury nálevkovitých pohárů a kulturní vrstva badenské kultury. Objeveny byly rovněž zlomky keramiky jevišovické kultury (Kovárník 1993, 9, Abb. 3: 4–6, 9).

Rohovec typu Krumlovský les je zastoupen hlavně varietou I, která je snadněji dostupná a je méně kvalitní než varieta II. Podobné zastoupení krumlovského rohovce je i v objektech MMK fáze IIb v Maršovcích-Jezeřanech (Přichystal, Svoboda 1997, 17).

Výskyt importovaných surovin, které reprezentují silicity z glacienních sedimentů, silicity krakovsko-čensterochovské jury, bavorský plattensilex a kropenatý silicit typu Świeciechów, je nízké, což odpovídá jejich zastoupení v kolekcích kamenné štípané industrie na jihozápadní Moravě na konci neolitu. Výskyt rohovců typu Stránská skála, zjištěný ve fázi C2, je možno spojit s kontakty na dílnu kultury nálevkovitých pohárů na Stránské skále u Brna (Svoboda, Šmíd 1994). Srovnáním surovinových spekter kamenné štípané industrie (C2, C1 a C) je patrný nárůst křemičitých zvětralín hadců, které zaujímají dominantní postavení v jevišovické vrstvě B. Je vázán na exploatační oblast v okolí Jevišovic, kde také Jaromír Kovárník objevil dílenský areál s doklady jejich zpracování.

Štípanou industrii reprezentují čepele menších rozměrů (do 70 mm). Na rozdíl od fáze IIb MMK (Košťálek et al. 1984) a souboru ze Stránské skály (Svoboda, Šmíd 1994) dominují mezi nástroji různé tvarovaná škrabadla. S fází C2 (kultura nálevkovitých pohárů) spojujeme masivní vysoká škrabadla, která nacházíme i na Stránské skále, kde jejich výskyt byl zaznamenán (Svoboda, Šmíd 1994, 100, Tab. 2). Známe je i z hornoslezské větve kultury nálevkovitých pohárů; jako příklad můžeme uvést sídliště v Pietrowicach Wielkich. Jejich sporadický výskyt ve vrstvě B klasifikujeme jako reutilizaci.

Problematickým je klasifikace nálezů z vrstvy C, kde se objevují vedle masivních škrabadel typických pro vrstvu C2 i nehtovitá škrabadla, jejichž výskyt byl zaznamenán na sídlišti jevišovické kultury v Brně-Maloměřicích. Ve vrstvě B, která patří mladšímu úseku jevišovické kultury, stejně jako sídliště v Brně-Maloměřicích, jsme se s nimi nesetkali.

Provedený rozbor kamenné štípané industrie naznačuje, že materiál z jednotlivých sídlištních vrstev není patrně homogenní a že je nutné počítat s promícháním vrstev. Z tohoto důvodu by bylo vhodné provést nový komplexní rozbor celého nálezového fondu jevišovického hradiska, do kterého by byly zahrnuty i nestratifikované nálezy, se kterými se dosud neparovalo.

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