

CONTENTS

1. GENERAL PART –

OVERALL CHARACTERISTICS OF THE BOHEMIAN KARST	1
1.1. Geographic, geomorphic, and climatic characteristics	1
1.2. Geology and its impact on karst evolution	4
1.3. Karsologic characteristics and evolution of the karst	7
1.4. Cave sediments and speleothems; paleontology and archaeology of the cave fills	13
1.5. Karst biology	17
1.6. History of cave research and protection of caves	18
1.7. Comparison of the Bohemian Karst with some other karst regions in Czech Republic and Europe	20

2. SPECIAL PART –

DESCRIPTIONS OF THE MOST IMPORTANT CAVES	21
2.1. Koněpruské jeskyně Cave and other caves in the W part of the Koněprusy Devonian	21
2.1.1. Koněpruské jeskyně Cave	22
2.1.2. The other caves of the Zlatý kůň Hill and in the adjacent VČS-West Quarry	28
2.1.3. Caves of the Kotýz Plateau	30
2.2. Caves of the SE part of the Koněprusy Devonian and of adjacent isolated karst enclaves	31
2.2.1. Kobyla Quarry	32
2.2.2. Červený Quarry	32
2.2.3. Plešivec Quarry	32
2.2.4. VČS-East Quarry	33
2.2.5. Archaeological cave localities – Bacín and Mramor hills	33
2.3. Caves of the Damil Hill, Koda plateau and Kodská and Císařská gorges	34
2.3.1. Martina Cave	35
2.3.2. Nová jeskyně na Damilu Cave	37
2.3.3. Archaeological cave localities of the Koda plateau and Kodská and Císařská gorges	38
2.4. Caves of the Berounka River canyon, right bank, area between the villages of Tetín and Srbsko	39
2.4.1. Tetínská propáštka II Cave	39
2.4.2. Turské maštale Cave	40

2.4.3. Terasová Cave	40
2.4.4. BUML Cave	40
2.4.5. Traťová-Kontrarevoluční-Elektrifikační II Cave System	41
2.5. Caves of the Berounka River canyon, right bank, section between Srbsko and Karlštejn	41
2.6. Caves hosted by Silurian (Wenlock) limestone, left bank of the Berounka River close to Beroun	43
2.7. Kačák (Loděnice) Valley and adjacent quarries	45
2.7.1. Nad Kačákem Cave	46
2.7.2. Other caves of the Kačák Valley	49
2.7.3. Mining museums near the northern rim of the Bohemian Karst	49
2.8. Chlum Hill near Srbsko	51
2.8.1. The Srbské jeskyně – Netopýří jeskyně Cave System	51
2.8.2. Other caves of Chlum Hill	55
2.9. Barrandova Cave and its surroundings	56
2.9.1. Barrandova Cave	56
2.9.2. Archaeologically important caves around Barrandova Cave	58
2.10. Caves of deep open-pit quarries between Bubovice and Mořina	58
2.10.1. Arnoldka Cave	59
2.10.2. Čeřínka Cave (Palachova propast Chasm)	62
2.10.3. Únorová propast Chasm	64
2.10.4. Amerika I and II Caves	64
2.11. Caves with recently active phreatic zone, left bank of the Berounka River between Srbsko and Karlštejn	64
2.11.1. Jezerní ementál Cave	65
2.11.2. Caves of Petzoldův Quarry	65
2.11.3. Caves of the Beranův Quarry	67
2.12. Na Javorce Cave	68
2.13. Caves of the NE part of the Bohemian Karst	70
2.14. Caves in the Holocene calcareous tufa accumulation at Svatý Jan pod Skalou	70
AUTHORS	73
REFERENCES	75