

Supplementary Online Material

Table 7. Hurbanovo-Štrkovisko; taxonomic structure of hand-retrieved and flotation samples (quantified after NISP). CF – coarse fraction; FF – fine fraction.

| Taxa/Sample | Hand-retrieval | | | | Flotation | | | | | | | | | | | Total NISP | | | | | |
|-----------------------------|----------------|----|----|----|-----------|----------|----------|----------|----------|----------|----------|---------------|----------|----------|----------|------------|----------|----------|----------|----------|-----|
| | 42 | 52 | 54 | 79 | CF 19998 | FF 20006 | CF 20008 | CF 20009 | CF 20010 | CF 20012 | CF 19999 | CF + FF 20017 | CF 20019 | CF 20000 | CF 20001 | | CF 20002 | CF 20003 | CF 20004 | CF 20005 | |
| <i>Equus caballus</i> | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| <i>Bos taurus</i> | 14 | 9 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 27 |
| <i>Ovis/Capra</i> | 3 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 19 |
| <i>Sus domesticus</i> | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| <i>Canis familiaris</i> | - | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| <i>Cervus elaphus</i> | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| <i>Sus scrofa</i> | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| <i>Mustela</i> sp. | - | - | - | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 |
| unidentified small rodent | - | - | - | - | - | 2 | - | - | 2 | - | 5 | 1 | - | - | - | - | - | - | - | 6 | 16 |
| Amphibia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| Pisces | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 3 | - | 1 | - | - | 5 |
| <i>Bos/Bison</i> | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| <i>Bos</i> sp. | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| <i>Bos/Cervus</i> | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| <i>Bos/Equus</i> size group | 3 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 |
| <i>Sus</i> sp. | 1 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 |
| unidentified large mammal | 11 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | 12 |
| unidentified medium mammal | 13 | 15 | - | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | 1 | - | - | - | - | 33 |
| unidentified small mammal | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 |
| unidentified mammal | 3 | 5 | - | - | - | - | - | - | - | - | - | - | 12 | - | - | 1 | - | - | - | - | 21 |
| unidentified bone | - | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | 2 | - | - | 4 |
| coprolite | - | - | - | - | - | - | - | 3 | - | - | - | - | 4 | - | - | - | - | - | - | - | 7 |
| Total NISP | 53 | 68 | 3 | 4 | 15 | 2 | 2 | 1 | 5 | 1 | 5 | 2 | 1 | 16 | 1 | 3 | 2 | 4 | 6 | | 194 |

Table 8. Hurbanovo-Štrkovisko; anatomic structure of mammal, amphibian and fish bone collection (quantified after NISP).

| Skeletal element/ taxa | <i>Equus caballus</i> | <i>Bos taurus</i> | <i>Sus domesticus</i> | <i>Ovis/Capra</i> | <i>Canis familiaris</i> | <i>Cervus elaphus</i> | <i>Sus scrofa</i> | <i>Mustela</i> sp. | unidentified small rodent | Amphibia | Pisces | <i>Bos/Bison</i> | <i>Bos</i> sp. | <i>Bos/Cervus</i> | <i>Bos/Equus</i> size group | <i>Sus</i> sp. | unidentified large mammal | unidentified medium mammal | unidentified small mammal | unidentified mammal | unidentified bone | coprolite | Total |
|---------------------------|-----------------------|-------------------|-----------------------|-------------------|-------------------------|-----------------------|-------------------|--------------------|---------------------------|----------|----------|------------------|----------------|-------------------|-----------------------------|----------------|---------------------------|----------------------------|---------------------------|---------------------|-------------------|-----------|------------|
| <i>cornu</i> | 1 | | | | | 1 | | | | | | | | | | | | | | | | | 2 |
| cranium et dens | | | | | 1 | | | 1 | | | | | | | | | | | | | | | 2 |
| calvaria | | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| frontale | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| temporale | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| maxilla | | | | | | | | | | | | | | | 2 | | | | | | | | 2 |
| mandibula | 1 | 4 | 3 | | | 1 | | | | | 1 | | | | | 1 | 1 | | | | | | 12 |
| mandibula et dens | | 1 | 1 | 2 | 2 | | | 1 | | | | | | | | 1 | | | | | | | 8 |
| dens | | | | 4 | | | | | | | | | | | | 1 | | | | | | | 6 |
| scapula | | | | | | | 1 | | | | | | | | | | | | | | | | 1 |
| humerus | | 1 | | | | | | | 2 | | | | | | | 1 | 1 | 1 | | | | | 6 |
| radius | | 2 | 2 | | | | | | | | | | 1 | | | | | 1 | | | | | 6 |
| radius et ulna | | 1 | 1 | | | | | | | | | | | | | | | | | | | | 2 |
| ulna | | 1 | | | | | | | | | | | 2 | 1 | 1 | | | | | | | | 5 |
| vertebrae lumbares | | | | 2 | | | | | | | | | | | | | | | | | | | 2 |
| vertebra | | | | | | | 3 | 2 | | | | | | | | | 1 | | 3 | 1 | | | 10 |
| costae | | | | | | | 3 | | | | 3 | | | 1 | 1 | 7 | 2 | | | | | | 17 |
| pelvis | 1 | 4 | 1 | | | | | | | | | | | | | 1 | | | | | | | 7 |
| femur | | | | | | | | 1 | | | | | | 1 | | | 2 | | | | | | 4 |
| patella | | | | | | | | | | | | | | | | | | | 1 | | | | 1 |
| tibia | | | | 3 | | | 1 | 1 | | | | | | 1 | 1 | | | | | | | | 7 |
| fibula | | | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| calcaneus | | | | | | | | | | | | | 1 | | | | 1 | | | | | | 2 |
| talus | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| metacarpus | | 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| carpale distale | | | | | | | | | | | | | 1 | | | | | | | | | | 1 |
| metatarsus | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | | | 3 |
| metapodium | | | | | | | | | | | | | | | | | | | | 1 | | | 1 |
| phalanx I anterior | 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| vertebrae caudales | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| ? | | | | | | | | 10 | 1 | 5 | | | | | 2 | 8 | 20 | | 18 | 4 | 7 | | 75 |
| Total | 3 | 27 | 2 | 19 | 3 | 1 | 2 | 9 | 16 | 1 | 5 | 4 | 3 | 3 | 8 | 6 | 12 | 33 | 5 | 21 | 4 | 7 | 194 |

Table 9. Hurbanovo-Štrkovisko; metric data (in mm) of horse, cattle, auroch and caprine bone elements. Measurements and abbreviations after Driesch, 1976.

| Taxa | Element | Side | Greatest length (GL) | Lateral length (LI) | Medial length (Lm) | Proximal breadth (Bp) | Breadth of facies articularis proximalis (BFP) | Proximal depth (DP) | Smallest breadth (SD) | Length of acetabulum (LA) | Length of the acetabulum on the rim (LAR) | Breadth of M3 inferior | Length of M2 inferior | Breadth of M2 inferior | Length of M1 inferior | Breadth of M1 inferior | Length of the molar row inferior | (Greatest) breadth across the coronoid process (BPC) | Inner length of the foramen obturatum (Lfo) | Smallest depth of the olecranon (SDO) | Depth across the Processus anconaeus (DPA) | Smallest height (Hmin) | Lateral depth (DI) | (Greatest) breadth of the trochlea (BT) | |
|-----------------------|---------------|------|----------------------|---------------------|--------------------|-----------------------|--|---------------------|-----------------------|---------------------------|---|------------------------|-----------------------|------------------------|-----------------------|------------------------|----------------------------------|--|---|---------------------------------------|--|------------------------|--------------------|---|------|
| <i>Equus caballus</i> | pelvis | d | - | - | - | - | - | - | - | 64.8 | 57.9 | - | - | - | - | - | - | - | 58.9 | - | - | 39.4 | - | - | - |
| <i>Equus caballus</i> | phalanx I ant | d | 87.8 | - | - | - | 49.5 | 35.2 | 34.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos taurus</i> | mandible | s | - | - | - | - | - | - | - | - | - | 14.9 | 23.4 | 14.6 | 21.0 | 14.4 | 80.5 | - | - | - | - | - | - | - | 77.5 |
| <i>Bos taurus</i> | humerus | d | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos taurus</i> | radius | s | - | - | - | 78.4 | 72.3 | - | 39.7 | - | - | - | - | - | - | - | - | - | - | - | 50.4 | 59.6 | - | - | - |
| <i>Bos taurus</i> | ulna | s | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos taurus</i> | metacarpus | s | - | - | - | - | - | - | 32.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos taurus</i> | pelvis | s | - | - | - | - | - | - | - | 60.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos taurus</i> | pelvis | s | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 33.7 | - | - | - |
| <i>Bos taurus</i> | talus | d | - | 60.6 | 55.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 33.9 | - | - |
| <i>Bos taurus?</i> | ulna | d | - | - | - | - | 68.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos sp.</i> | radius | s | - | - | - | 88.0 | 79.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Bos sp.</i> | ulna | s | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51.6 | 70.1 | - | - | - |
| <i>Bos sp.</i> | ulna | d | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 49.7 | - | - | - | - | - | - | - |
| <i>Ovis/Capra</i> | ulna | d | - | - | - | 30.7 | 20.8 | - | 15.4 | - | - | - | - | - | - | - | - | 50.9 | - | - | - | - | - | - | - |
| <i>Ovis/Capra</i> | pelvis | s | - | - | - | - | - | - | - | 32.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 10. Hurbanovo-Štrkovisko; metric data (in mm) on dog skull. Measurements and numbering after Driesch, 1976.

| Hurbanovo-Štrkovisko; <i>Canis familiaris</i> | | |
|--|--|-----------|
| Driesch 1976 | Cranium | |
| 1 | Total length | – |
| 2 | Condylobasal length | 180.6 |
| 3 | Basal length | 171.7 |
| 4 | Basicranial axis | 49.6 |
| 5 | Basifacial axis | 122.6 |
| 6 | Neurocranial length | 99.9 |
| 7 | Upper neurocranium length | – |
| 8 | Viscerocranium length | – |
| 9 | Facial length | 118.1 |
| 10 | Greatest length of the nasals | 68.1 |
| 11 | Length of braincase | – |
| 12 | „Snout“ length | 81.7 |
| 13 | Median palatal length | 100.4 |
| 13a | Palatal length | 98.7 |
| 14 | Length of the horizontal part of the palatine | 33.7 |
| 14a | Length of the horizontal part of the palatine corresponding to M13a | 31.9 |
| 15 | Length of cheektooth row | 64.7 |
| 16 | Length of the molar row | 16.8 |
| 17 | Length of the premolar row | 51.3 |
| 18 | Length of the carnassial (at cingulum) | 18.7 |
| 18a | Greatest breadth of the carnassial | 9.1 |
| 19 | Length of the carnassial alveolus | 17.4 |
| 20 | Length and breadth of M1 | 11.4/13.6 |
| 21 | Length and breadth of M2 | 7.1/9.2 |
| 22 | Greatest breadt of the auditory bula | 24.3 |
| 23 | Greatest mastoid breadth | 62.9 |
| 24 | Breadth dorsal to the external auditory meatus | 62.3 |
| 25 | Greatest breadth of the occipital condyles | 33.2 |
| 26 | Greatest breadth of the bases of the paraoccipital processes | 62.9 |
| 27 | Greatest breadth of the foramen magnum | 17.1 |
| 28 | Height of the foramen magnum | 14 |
| 29 | Greatest neurocranium breadth | – |
| 30 | Zygomatic breadth | 101.2 |
| 31 | Least breadth of skull | – |
| 32 | Frontal breadth | – |
| 33 | Least breadth between the orbits | (40.4) |
| 34 | Greatest palatal breadth | 61.7 |
| 35 | Least palatal breadth | 33.9 |
| 36 | Breadth at the canine alveoli | 36.2 |
| 41 | Height (length) of the canine | 40.6 |
| Mandible | | |
| 1 | Total length | 141.4 |
| 2 | Length: the angular process – Infradentale | 140.9 |
| 3 | Length from the indentation between the condyle process and the angular process – Infradentale | 134.8 |

| | | |
|----|--|---------|
| 4 | Length: the condyle process – aboral border of the canine alveolus | 124.6 |
| 5 | Length from the indentation between the condyle process and the angular process – aboral border of the canine alveolus | 118.5 |
| 6 | Length: the angular process – aboral border of the canine alveolus | 124.5 |
| 7 | Length: the aboral border of the alveolus of M3 – aboral border of the canine alveolus | 82.2 |
| 8 | Length of the cheektooth row, M3-P1 | 74.6 |
| 9 | Length of the cheektooth row, M3-P2 | 69.3 |
| 10 | Length of the molar row | 34.7 |
| 11 | Length of the premolar row, P1-P4 | 40.6 |
| 12 | Length of the premolar row, P2-P4 | 35.2 |
| 13 | Length and breadth of the carnassial | 20.8 |
| 14 | Length of the carnassial alveolus | 19.5 |
| 15 | Length and breadth of M2 | 8.5/6.5 |
| 17 | Greatest thickness of the body of jaw (below M1) | 10.3 |
| 18 | Height of the vertical ramus | 55 |
| 19 | Height of the mandible behind M1 | 23.4 |
| 20 | Height of the mandible between P2 and P3 | 18 |
| 21 | Height (length) of the canine | 38.1 |
