Archive Tables from Roman sites in Caerwent

The tables contain data derived from the Romano-British animal bone assemblages from the excavations of the Basilica and Temple sites in Caerwent. These are supplementary to the analysis of the bones which can be found in the following publication:

Maltby, M. and Hambleton, E. (2027) *Humans and Animals in Roman Wales: the Zooarchaeology of Caerwent.* London: Bloomsbury Press.

Please consult this monograph for further information about the methodology, phasing and context details.

Data collection principles and approaches align with Baker & Worley (2019). Terminology and abbreviations used in these archive tables include: NISP – Number of Identified Specimens; MNE Minimum Number of Elements; MNI Minimum Number of Individuals. Tooth eruption and toothwear descriptions for cattle, sheep/goat and pig follow Grant (1982). Measurements and abbreviations follow von den Driesch (1976).

References

Baker, P. and F. Worley (2019), *Animal Bones and Archaeology: Recovery to Archive*, Swindon: Historic England.

Grant, A**.** (1982), 'The Use of Toothwear as a Guide to the Age of Domestic Ungulates', in B. Wilson, C. Grigson and S. Payne (eds), *Ageing and Sexing Animal Bones from Archaeological* Sites, 91-108, Oxford: British Archaeological Reports (British Series) 109.

Driesch, A. v. d. (1976). *A guide to the measurement of animal bones from archaeological sites : as developed by the Institut für Palaeoanatomie, Domestikationsforschung und Geschichte der Tiermedizin of the University of Munich.* Peabody Museum of Archaeology and Ethnology, Harvard University.

List of Archive Tables

Chapter 2. The Animal Bone Assemblages from the Basilica Site

Table 2.1: Basilica Site Group 618 (Phase 0) NISP counts

Table 2.2: Basilica Site Group 639 (Phase 0) NISP counts

Table 2.3: Basilica Site Context 1181 (Phase 1) NISP counts

Table 2.4: Basilica Site Group 4518 (Phase 1a) NISP counts

Table 2.5: Basilica Site Group 2330 (Phase 1a) NISP counts

Table 2.6: Basilica Site Group 1446 (Phase 1a) NISP counts

Table 2.7: Basilica Site Group 3982 (Phase 1a) NISP counts

Table 2.8: Basilica Site Group 5200 (Phase 1a) NISP counts

Table 2.9: Basilica Site Group 3343 (Phase 1b) NISP counts

Table 2.10: Basilica Site Group 4146 (Phase 1b) NISP counts

Table 2.11: Basilica Site Group 3430 (Phase 1b) NISP counts
Table 2.12: Basilica Site Group 3384 (Phase 1b) NISP counts
Table 2.13: Basilica Site Group 4096 (Phase 1b) NISP counts
Table 2.14: Basilica Site Group 494 (Phase 1b) NISP counts
Table 2.15: Basilica Site Group 3509 (Phase 1b) NISP counts
Table 2.16: Basilica Site Group 2260 (Phase 1c) NISP counts
Table 2.17: Basilica Site Group 1332 (Phase 1c) NISP counts
Table 2.18: Basilica Site Group 4066 (Phase 1c) NISP counts
Table 2.19: Basilica Site Group 493 (Phase 1c) NISP counts
Table 2.20: Basilica Site Group 5222 (Phase 1c) NISP counts
Table 2.21: Basilica Site Group 5211 (Phase 1c) NISP counts
Table 2.22: Basilica Site Group 5201 (Phase 1c) NISP counts
Table 2.23: Basilica Site Group 4728 (Phase 2) NISP counts
Table 2.24: Basilica Site Group 4851 (Phase 2) NISP counts
Table 2.25: Basilica Site Group 4848 (Phase 2) NISP counts
Table 2.26: Basilica Site Group 5192 (Phase 2) NISP counts
Table 2.27: Basilica Site Group 5196 (Phase 2) NISP counts
Table 2.28: Basilica Site Group 5149 (Phase 2) NISP counts
Table 2.29: Basilica Site Group 5098 (Phase 2) NISP counts
Table 2.30: Basilica Site Group 5146 (Phase 2) NISP counts
Table 2.31: Basilica Site Group 5113 (Phase 2) NISP counts
Table 2.32: Basilica Site Group 1428 (Phase 2) NISP counts
Table 2.33: Basilica Site Group 1333 (Phase 3a) NISP counts
Table 2.34: Basilica Site Group 2955 (Phase 3a) NISP counts
Table 2.35: Basilica Site Group 4067 (Phase 3a) NISP counts
Table 2.36: Basilica Site Group 2658 (Phase 3a) NISP counts
Table 2.37: Basilica Site Group 2560 (Phase 3a) NISP counts
Table 2.38: Basilica Site Group 2950 (Phase 3a) NISP counts
Table 2.39: Basilica Site Group 2931 (Phase 3a) NISP counts
Table 2.40: Basilica Site Group 2199 (Phase 3b) NISP counts
Table 2.41: Basilica Site Group 398 (Phase 3b) NISP counts
Table 2.42: Basilica Site Group 1073 (Phase 3b) NISP counts
Table 2.43: Basilica Site Group 1363 (Phase 3b) NISP counts
Table 2.44: Basilica Site Group 1481 (Phase 4) NISP counts

Table 2.45: Basilica Site Group 4817 (Phase 4) NISP counts
Table 2.46: Basilica Site Group 1500 (Phase 4) NISP counts
Table 2.47: Basilica Site Group 5094 (Phase 4) NISP counts
Table 2.48: Basilica Site Group 5075 (Phase 4) NISP counts
Table 2.49: Basilica Site Group 5085 (Phase 4) NISP counts
Table 2.50: Basilica Site Group 5077 (Phase 4) NISP counts
Table 2.51: Basilica Site Group 5062 (Phase 4) NISP counts
Table 2.52: Basilica Site Group 2854 (Phase 5) NISP counts
Table 2.53: Basilica Site Group 1303 (Phase 5) NISP counts
Table 2.54: Basilica Site Group 1257 (Phase 5) NISP counts
Table 2.55: Basilica Site Group 1242 (Phase 5) NISP counts
Table 2.56: Basilica Site Group 1170 (Phase 5) NISP counts
Table 2.57: Basilica Site Group 4743 (Phase 5) NISP counts
Table 2.58: Basilica Site Group 4811 (Phase 5) NISP counts
Table 2.59: Basilica Site Group 1191 (Phase 5) NISP counts
Table 2.60: Basilica Site Group 1189 (Phase 5) NISP counts
Table 2.61: Basilica Site Group 1364 (Phase 5) NISP counts
Table 2.62: Basilica Site Group 836 (Phase 6) NISP counts
Table 2.63: Basilica Site Group 580 (Phase 6) NISP counts
Table 2.64: Basilica Site Group 248 (Phase 6) NISP counts
Table 2.65: Basilica Site Group 418 (Phase 6) NISP counts
Table 2.66: Basilica Site Group 1165 (Phase 6) NISP counts
Table 2.67: Basilica Site Group 1174 (Phase 6) NISP counts
Table 2.68: Basilica Site Group 2769 (Phase 6) NISP counts
Table 2.69: Basilica Site Group 2755 (Phase 6) NISP counts
Table 2.70: Basilica Site small groups NISP counts

Chapter 3: The Animal Bone Assemblages from the Temple Site

Table 3.1: Temple Site Group 1 (Phase 1a construction) NISP counts
Table 3.2: Temple Site Group 3 (Phase 1a occupation) NISP counts
Table 3.3: Temple Site Group 4 (Phase 1a/b occupation) NISP counts
Table 3.4: Temple Site Group 5 (Phase 1b construction) NISP counts
Table 3.5: Temple Site Group 6 (Phase 1b construction/occupation) NISP counts
Table 3.6: Temple Site Group 7 (Phase 1b occupation) NISP counts
Table 3.7: Temple Site Group 8 (Phase 1b demolition) NISP counts

Table 3.8: Temple Site Group 9 (Phase 1-2 pits) NISP counts
Table 3.9: Temple Site Group 10 (Phase 1b demolition/2 occupation) NISP counts
Table 3.10: Temple Site Group 11 (Phase 2 occupation) NISP counts
Table 3.11: Temple Site Group 14 (Phase 3 construction/occupation) NISP counts
Table 3.12: Temple Site Group 15 (Phase 3 occupation) NISP counts
Table 3.13: Temple Site Group 16 (Phase 3-5 pit fills) NISP counts
Table 3.14: Temple Site Group 18 (Phase 4 occupation) NISP counts
Table 3.15: Temple Site Group 22 (Phase 5a occupation) NISP counts
Table 3.16: Temple Site Group 24 (Phase 5b occupation) NISP counts
Table 3.17: Temple Site Group 25 (Phase 5c occupation) NISP counts
Table 3.18: Temple Site Group 26 (Phase 5 demolition) NISP counts
Table 3.19: Temple Site Group 27 (Phase 5/6 hypocaust deposit) NISP counts
Table 3.20: CT91 Temple Site Group A (Pre-temple phase) NISP counts
Table 3.21: Temple Site Group 28 (Phase 6 construction (S)) NISP counts
Table 3.22: Temple Site Group 29 (Phase 6 occupation (S)) NISP counts
Table 3.23: Temple Site Group 30 (Phase 6a construction (T)) NISP counts
Table 3.24: Cattle NISP counts by context Temple Site Group 30 (Phase 6a construction (T))
Table 3.25: Sheep/Goat NISP counts by context Temple Site Group 30 (Phase 6a construction (T))
Table 3.26: Pig NISP counts by context Temple Site Group 30 (Phase 6a construction (T))
Table 3.27: Temple Site Group 31 (Phase 6b construction/occupation (T)) NISP counts
Table 3.28: CT90/91 Temple Site Group B (Phase 6a construction (T)) NISP counts

Chapter 4. Cattle in Roman Caerwent

Table 4.1: NISP counts of mammals by site and phase (excluding ABGs and small mammals)
Table 4.2: NISP counts of cattle, sheep/goat and pig from different areas of the Basilica site
Table 4.3: MNI counts of mammals by site and phase (excluding small mammals)
Table 4.4: MNI counts of mammals by site and phase excluding cattle scapulae
Table 4.5: Cattle NISP counts and percentages by site and phase
Table 4.6: Cattle NISP counts in Basilica by room (all phases combined)
Table 4.7: Cattle NISP counts Basilca site by area (all phases combined)
Table 4.8: Cattle MNE counts by phase
Table 4.9: Fragmentation of cattle bones by site and phase
Table 4.10: Observations of butchery marks on cattle bones by site and phase

Table 4.11: Cattle butchery classifications summary by site and phase
Table 4.12: Cattle butchery classifications by site and phase
Table 4.13: Cattle mandibles ageing data by site and phase
Table 4.14: Cattle epiphyseal fusion data Basilica site
Table 4.15: Cow epiphyseal fusion data Temple site
Table 4.16: Cattle metrical data summaries by site and phase
Table 4.17: Observations of pathological and genetic abnormalities on cattle elements

Chapter 5. Sheep and Goats in Roman Caerwent

Table 5.1: NISP counts of elements specifically identified as sheep or goat by phase and site
Table 5.2: Sheep/goat element NISP counts by site and phase
Table 5.3: Sheep/goat element NISP counts in Basilica by room (all phases combined)
Table 5.4 Sheep/goat element NISP counts of Basilica site by area (all phases combined)
Table 5.5: Sheep/goat MNE counts by site and phase
Table 5.6: Fragmentation of sheep/goat bones by site and phase
Table 5.7: Observations of butchery marks on sheep/goat bones by site and phase
Table 5.8: Sheep/goat butchery classifications summary by site and phase
Table 5.9: Sheep/goat butchery classifications by site and phase
Table 5.10: Sheep/goat mandibles ageing data
Table 5.11: Sheep/goat epiphyseal fusion data Basilica site
Table 5.12: Sheep/goat epiphyseal fusion data Temple site
Table 5.13: Sheep metrical data summaries by site and phase
Table 5.14: Sheep horned and hornless skulls by site and phase
Table 5.15: Observations of pathological and genetic abnormalities on sheep/goat elements

Chapter 6. Pigs in Roman Caerwent

Table 6.1: NISP counts of elements of sheep/goat and pig by phase and site
Table 6.2: Pig NISP counts by site and phase
Table 6.3: Pig NISP counts in Basilica by room (all phases combined)
Table 6.4: Pig NISP counts Basilica site by area (all phases combined)
Table 6.5: Pig MNE counts by phase
Table 6.6: Fragmentation of pig bones by site and phase
Table 6.7: Observations of butchery marks on pig bones by site and phase
Table 6.8: Pig butchery classifications summary by site and phase
Table 6.9: Pig butchery classifications by site and phase

Table 6.10: Pig mandibles ageing data
Table 6.11: Pig canine sexing data (all phases combined)
Table 6.12: Pig epiphyseal fusion data Basilica site
Table 6.13: Pig epiphyseal fusion data Temple site
Table 6.14: Pig metrical data summaries by site (all phases combined)
Table 6.15: Observations of pathological and genetic abnormalities on pig elements
Chapter 7. Other Domestic Mammals in Roman Caerwent
Table 7.1: NISP counts of cattle and horse by site and phase (excluding bones in ABGs and small mammals)
Table 7.2: Horse NISP counts by site and phase
Table 7.3: Horse NISP counts Basilca site by area (all phases combined)
Table 7.4: Fragmentation of horse major elements (both sites and all phases combined)
Table 7.5: Observations of butchery marks on horse bones
Table 7.6: Horse epiphyseal fusion data (both sites and all phases combined)
Table 7.7: Dog NISP counts by site and phase
Table 7.8: Dog NISP counts Basilica site by area (all phases combined)
Table 7.9: Dog associated bone groups
Table 7.10: Fragmentation of dog elements (both sites and all phases combined)
Table 7.11: Dog epiphyseal fusion data
Table 7.12: Shoulder height estimates (cm) for dog limb bones
Table 7.13: Most common dog measurements (mm) from both sites
Table 7.14: Cat NISP counts by site (all phases combined)
Chapter 8. Wild Mammals in Roman Caerwent
Table 8.1: NISP counts of wild mammals by site and phase excluding small mammals and possible wild boar
Table 8.2: Red deer NISP counts by site and phase
Table 8.3: Roe deer NISP counts by site phase
Table 8.4: Roe deer epiphyseal fusion data (both sites and all phases combined)
Table 8.5: Most common roe deer measurements (mm) from both sites
Table 8.6: Hare NISP counts by site and phase
Table 8.7: Hare epiphyseal fusion data (both sites and all phases combined)
Chapter 9. Birds and Fish in Roman Caerwent

Table 9.1: NISP counts and percentages of birds by phase from Basilica and Temple sites (fully recorded and scanned contexts)
Table 9.2: NISP counts and percentages of birds in different areas of the Basilica building (Phases 0-6 combined)
Table 9.3: NISP counts and percentages of birds by phase from Basilica and Temple sites (fully recorded and scanned contexts) excluding pigeons, raptors, corvids and passerines
Table 9.4: NISP counts and percentages of birds in other areas of Basilica excavations (all phases combined)
Table 9.5. NISP counts and percentages of general bird categories from Basilica and Temple sites by phase
Table 9.6: Element counts of chickens by site and phase
Table 9.7: Observations of butchery marks on chicken bones by site and phase
Table 9.8: Chicken fusion and sexing data by site and phase
Table 9.9: Chicken spurred tarsometatarsi measurements (mm)
Table 9.10: Chicken metrical data summaries from all phases of the Basilica and Temple sites
Table 9.11 Chicken tarsometatarsus measurements (mm)
Table 9.12. Chicken humerus measurements (mm)
Table 9.13. Chicken ulna measurements (mm)
Table 9.14: Element counts (NISP) of geese and ducks from Basilica and Temple sites (all phases combined)
Table 9.15. Goose measurements (mm)
Table 9.16. Duck measurements (mm)
Table 9.17: Element counts (NISP) of waders, rails and seabirds from Bssilca and Temple sites (all phases combined)
Table 9.18: Element counts (NISP) of pigeons from Basilica and Temple sites (all phases combined)
Table 9.19: Element counts (NISP) of corvids from Basilica and Temple sites (all phases combined)
Table 9.20: Element counts (NISP) of passerines from Basilica and Temple sites (all phases combined)
Table 9.21: NISP counts and percentages of fish by phase from Basilica and Temple sites
Table 9.22: Element counts (NISP) of identified fish bones from Basilica and Temple sites (all phases combined)

Chapter 10. Small Mammals and Amphibians

Table 10.1: NISP counts of small mammals and amphibians by site and phase
Table 10.2: NISP counts of small mammals and amphibians in Basilica by room (all phases combined)
Table 10.3: NISP counts of small mammals and amphibians from Basilica site by area (all phases combined)
Table 10.4: NISP counts of small mammals and amphibians in Feider's (2007) study of the Basilica site
Chapter 11. Human and Animals in Roman Wales
Table 11.1: Percentages of cattle, sheep/goat and pig from Roman sites in South Wales
Table 11.2: Percentages of cattle and horse from Roman sites in South Wales
Table 11.3: Wild mammals from Roman sites in South Wales
Table 11.4: Percentages of chicken and sheep/goat from Roman sites in South Wales
Table 11.5: Other birds identified from Roman sites in South Wales