

Contextual Analysis of the Use of Space at Two Near Eastern Bronze Age Sites

Part5: Final report on the vertebrate remains from the Tell Brak bulk-sieve samples

Keith Dobney & Deborah Jaques

Contents

List of Tables

List of Figures

- 1 Introduction
- 2 Methodology
 - 2.1 Methods of data recovery
 - 2.2 Methods of data recording
 - 2.3 Methods of analysis
 - 2.3.1 Univariate methods
 - 2.3.2 Multivariate statistics (Correspondence analysis CA)
- 3 Practical Details
- 4 Discussion of Results
 - 4.1 Bone density
 - 4.1.1 Mean bone densities - by deposit class
 - 4.1.2 Mean bone densities - by horizontal context
 - 4.1.3 Mean bone densities - by vertical context
 - 4.2 Preservation indices
 - 4.2.1 Comparison of “preservation” for Tell Brak samples
 - 4.2.2 Mean frequency of bone “preservation”
 - 4.2.3 Comparison of “angularity” for the Tell Brak samples
 - 4.2.4 Mean frequency of bone “angularity” - by deposit class
 - 4.2.5 Mean frequency of bone “angularity” - by horizontal context
 - 4.2.6 Mean frequency of bone “angularity” classes - by vertical context
 - 4.3 Fragmentation indices
 - 4.3.1 Bone fragmentation (“Medium Mammal”) - by deposit class
 - 4.3.2 Bone fragmentation (“Medium Mammal”) - by horizontal and vertical context
 - 4.4 Comparison of burnt bone densities for the Tell Brak samples
 - 4.4.1 Mean frequency of burnt bone - by deposit class
 - 4.4.2 Mean frequency of burnt bone - by horizontal context
 - 4.4.3 Mean frequency of burnt bone - by vertical context
 - 4.5 Comparison of the taxonomic composition of the Tell Brak samples
 - 4.5.1 Mean taxa frequencies - by deposit class
 - 4.5.2 Mean taxa frequencies - by horizontal context
 - 4.5.3 Mean taxa frequencies - by vertical context
 - 4.6 Correspondence analysis
 - 4.6.1 Correspondence analysis using bone “angularity” - by deposit class
 - 4.6.2 Correspondence analysis using bone “angularity” - by horizontal context
 - 4.6.3 Correspondence analysis using mean taxa frequencies - by vertical and horizontal context
- 5 Discussion
- 6 Conclusions

List of Tables

- 1 Phase by deposit class
- 2 Phase by horizontal class

List of Figures

- 1 Bone density by deposit class
- 2 Bone density by horizontal class
- 3 Bone density by phase
- 4 Unidentified: preservation by deposit class (no/litre)
- 5 Unidentified: preservation by deposit class (%)
- 6 Unidentified: angularity by deposit class (no/litre)
- 7 Unidentified: angularity by deposit class (%)
- 8 Medium mammal: angularity by deposit class (no/litre)
- 9 Medium mammal: angularity by deposit class (%)
- 10 Unidentified: angularity by horizontal class (no/litre)
- 11 Unidentified: angularity by horizontal class (%)
- 12 Medium mammal: angularity by horizontal class (no/litre)
- 13 Medium mammal: angularity by horizontal class (%)
- 14 Unidentified: angularity by phase (no/litre)
- 15 Unidentified: angularity by phase (%)
- 16 Medium mammal: angularity by phase (no/litre)
- 17 Medium mammal: angularity by phase (%)
- 18 Unidentified: fragmentation by deposit class (no/litre)
- 19 Unidentified: fragmentation by deposit class (%)
- 20 Medium mammal: fragmentation by deposit class (no/litre)
- 21 Medium mammal: fragmentation by deposit class (%)
- 22 Burnt and unburnt unidentified fragments: by deposit class (no/litre)
- 23 Burnt and unburnt unidentified fragments: by deposit class (%)
- 24 Burnt and unburnt unidentified fragments: by horizontal class (no/litre)
- 25 Burnt and unburnt unidentified fragments: by horizontal class (%)
- 26 Burnt and unburnt unidentified fragments: by phase (no/litre)
- 27 Burnt and unburnt unidentified fragments: by phase (%)
- 28 Taxa by deposit class (medium mammal and unidentified only) (no/litre)
- 29 Taxa by deposit class (medium mammal and unidentified only) (%)
- 30 Taxa by deposit class (excluding medium mammal and unidentified) (no/litre)
- 31 Taxa by deposit class (excluding medium mammal and unidentified) (%)
- 32 Taxa by deposit class (medium mammal and unidentified only) (no/litre)
- 33 Taxa by deposit class (medium mammal and unidentified only) (%)
- 34 Taxa by horizontal class (excluding medium mammal and unidentified) (no/litre)
- 35 Taxa by horizontal class (excluding medium mammal and unidentified) (%)
- 36 Taxa by phase (medium mammal and unidentified only) (no/litre)
- 37 Taxa by phase (medium mammal and unidentified only) (%)
- 38 Taxa by phase (excluding unidentified and medium mammal) (no/litre)
- 39 Taxa by phase (excluding unidentified and medium mammal) (%)