

TABLE OF CONTENTS

PREFAZIONE (M. Frangipane).....	Pag.	11
FOREWORD (M. Frangipane).....	»	13
ACKNOWLEDGEMENTS	»	15
INTRODUCTION – SOME THEORETICAL AND HISTORICAL REMARKS - PROBLEMS, PURPOSES AND LIMITATIONS OF THE RESEARCH	»	19
CHAPTER I – ARSLANTEPE, THE SITE AND ITS ENVIRONMENT: THE SEQUENCE AND THE INVESTIGATIONS ON THE HISTORICAL LEVELS	»	25
CHAPTER II – THE LATE BRONZE AGE SEQUENCE: EXCAVATIONS AND REMAINS	»	37
1. Excavation procedures, collection of materials and methods of analysis	»	37
2. The archaeological sequence of the north-eastern sector	»	39
2.1. Description of the excavated levels	»	39
3. The south-western area: stratigraphy and contexts description	»	48
3.1. The excavated contexts	»	51
3.1.1. Dwellings	»	52
3.1.2. Pits.....	»	66
CHAPTER III – THE LATE BRONZE AGE POTTERY ASSEMBLAGES	»	73
1. Recording methodology and general characteristics of the production	»	73
1.1. Sampling, recording and study choices.....	»	73
1.2. Manufacturing techniques and general features of the Arslantepe LBA pottery	»	75
2. Ware classes description and macroscopic determination.....	»	82
3. Archaeometric analysis (G. Bozzetti, A. Buccolieri, A. Serra).....	»	89
3.1. Introduction	»	89
3.2. Materials and methods	»	90
3.3. Experimental results and discussions	»	91
3.4. Conclusions	»	95
4. Typological classification.....	»	96
4.1. Methodology and purposes of pottery typology	»	96
4.2. Criteria of classification	»	98
4.3. Typology: a summary	»	101
4.4. Typological description and frequencies	»	109

4.4.1. Plates (PL)	Pag. 109
4.4.2. Bowls (BO).....	» 118
4.4.3. Big Bowls (BB)	» 128
4.4.4. Kraters (KR).....	» 136
4.4.5. Cups (CU).....	» 141
4.4.6. Shoulder Beakers (SB).....	» 143
4.4.7. Mugs (MU).....	» 145
4.4.8. Cooking Pots (CP)	» 147
4.4.9. Jars (JA)	» 158
4.4.10. Bottles (BT).....	» 173
4.4.11. <i>Pithoi</i> (PI).....	» 180
4.4.12. Other functional groups	» 185
4.4.13. Functional features.....	» 193
4.4.14. Decorative patterns and other signs on pottery	» 203
5. The Arslantepe Late Bronze Age ceramic repertoire: a critical outline	» 212
CHAPTER IV – CRAFT ACTIVITIES	» 215
1. Introduction	» 215
2. Metalwork.....	» 215
2.1. Weapons and tools	» 216
2.2. Ornaments.....	» 222
3. Textile production: notes on spinning and weaving tools (R. Laurito)	» 224
3.1. Introduction	» 224
3.2. Spinning tools.....	» 225
3.3. Weaving tools	» 226
3.4. Other textile (?) tools.....	» 230
3.5. Final remarks.....	» 230
3.6. Catalogue of textile tools	» 231
4. Macro-lithic tools: technological and functional analysis (C. Lemorini)	» 234
4.1. Introduction	» 234
4.2. Methodology	» 235
4.3. Interpretation of the archaeological material	» 235
4.4. Discussion	» 239
5. Miscellaneous objects	» 242
5.1. Bone and antler	» 242
5.2. Clay	» 243
5.3. Stone.....	» 247
5.4. Beads.....	» 248
CHAPTER V – SEALS AND SEAL IMPRESSIONS (C. Mora)	» 251
1. Introduction	» 251
2. List of the seals.....	» 252

3. Dating problems and seal typologies.....	Pag. 256
4. The biconvex seals from Arslantepe (and elsewhere)	» 261
4.1. A special group of biconvex seals	» 264
5. Seals bearing hieroglyphic-Luwian inscriptions: some remarks	» 266
6. Continuity in Malatya: evidence of the seals	» 271
7. A carved slab/orthostat (Inv. 2038) with hieroglyphic-Luwian inscription.....	» 272
CHAPTER VI – ANIMAL HUSBANDRY (L. Bartosiewicz, S. Bökönyi, G. Siracusano)	» 275
1. Introduction	» 275
2. Material and sampling	» 275
3. Results.....	» 276
3.1. Diachronic changes at Arslantepe	» 276
3.2. Comparison between the NE-SW sectors during the LBA.....	» 277
3.3. Ageing information	» 280
3.4. Regional comparisons of LBA animal exploitation	» 281
4. Conclusions	» 284
CHAPTER VII – DISTRIBUTION AND QUANTIFICATION OF THE MATERIALS IN THEIR CONTEXTS: A FUNCTIONAL ANALYSIS	» 285
1. Introduction and methodology.....	» 285
2. Applying quantification methods to the Late Bronze Age pottery from Arslantepe	» 288
3. Results of the quantification process: function and distribution of the material	» 292
3.1. Dwellings content and use	» 293
3.2. Some notes on pits analysis.....	» 318
CHAPTER VIII – CHRONOLOGY	» 323
1. Introduction: ceramic sequences and chronological indicators	» 323
2. Stratigraphy, seriation and relative chronology.....	» 326
2.1. The south-western settlement: stratigraphy and seriation	» 326
2.2. The pottery sequence development in north-eastern sector	» 330
2.3. Data and stratigraphic comparison: the LBA relative chronology at Arslantepe.....	» 333
3. Absolute chronology: ¹⁴ C dating and discussion	» 347

CHAPTER IX – ARSLANTEPE AND THE ANATOLIAN WORLD	Pag. 355
1. Similarities and dissimilarities: geographical and temporal connections of the Arslantepe pottery repertoire	» 355
2. Spatial Analysis and reconstruction of the interaction degree	» 382
2.1. Arslantepe and the Hittite world.....	» 383
2.2. Relations with other areas.....	» 388
2.3. The Upper Euphrates region: local tradition and innovations	» 389
3. Some remarks on the Anatolian Late Bronze Age as seen from the perspective of the Arslantepe sequence	» 392
 CHAPTER X – HITTITE INFLUENCE AND LOCAL DEVELOPMENTS IN THE EUPHRATES VALLEY DURING THE LATE BRONZE AGE.....	 » 399
1. Hittite imperialism and periphery administration: an archaeological and historical assessment	» 399
2. Architectural development, domestic installations and settlement organization in the 2 nd millennium Upper Euphrates	» 404
3. Spheres of interaction along the Euphrates valley during the Late Bronze Age	» 409
4. Malatya in Hittite texts: historical background and comparison with archaeological data	» 413
5. The Upper Euphrates boundary and beyond: a final data evaluation. Toward an understanding of the eastern frontier of the Hittite Empire	» 418
 TURKISH SUMMARY / TÜRÇE ÖZET (H. Çalışkan Akgül).....	 » 425
 BIBLIOGRAPHY	 » 449