Contents

List of Illustrations vii
List of Tables and Appendices ix
Preface xi

CHAPTER 1  INTRODUCTION 1

CHAPTER 2  THE LATE BRONZE AGE CERAMICS AND STRATIGRAPHY IN FIELD XIII 11
   Rebuilding in Field XIII: Sub-Stratum XIV 11
   Stratum XIV Loci (Phase A) 15
   Stratum XIII Loci 33
   Stratum XII Loci 54
   Re-Evaluating the Late Bronze IA Gap Hypothesis 63
   Conclusions 67

CHAPTER 3  THE LATE BRONZE AGE CERAMIC TYPOMETRY 85
   Structure of the Ceramic Typology 85
   Fabric Groups 86
   Notes on Manufacturing Technologies 88
   Surface Treatments 91
   Shechem Typological System 91
   Bowls 93
   Cooking Pots 102
   Kraters 106
   Storage Jars 109
   Biconical Vessels 115
   Jugs 118
   Juglets 118
   Miscellaneous Vessels 120
      Chalices/Goblets 120
      Cup 120
      Flasks 120
      Pottery Stands 121
      Lamps 121
      Unknown Vessel 122
   Cypriot and Aegean Wares 122
      White Slip I 122
      White Slip II 123
      White Slip Variants 124
      Red on Black Ware 124
      Base Ring I and II 124

This volume was published by the American Schools of Oriental Research and is available on ISD at https://www.isdistribution.com/BookDetail.aspx?aId=67336.
Monochrome Ware 126
Bichrome Decorated Ware (Local) 127
Red Lustrous Wheel-Made Ware (Local Imitation) 128
Mycenaean Ware 128
Chocolate-on-White – Eggshell Ware (ES) 129
Marl D 130
Egypto-Canaanite Bowls 130
Conclusions 131

Chapter 4  Petrography of some Late Bronze Age Ceramics in Field XIII 143
Geology of the Shechem Region 144
Petrographic Analysis: Methodology 144
Petrographic Results: Strata XIV–XII 145
Petrographic Discussion 149
Continuity/Change in Petrofabric Groups 150
Macro Fabric and Petrographic Correlations 151
Aspects of Ceramic Production 152
Conclusions 154

Chapter 5  Cultural and Historical Conclusions 161

References 167
Pottery Plates and Descriptive Tables 179
Plates 1–32: Stratum XIV 180
Plates 33–68: Stratum XIII 246
Plates 69–110: Stratum XII 320
Basement Plates 1–58: Stratum XIII 406
List of Illustrations

Fig. 2.1  Shechem, Excavation Fields. 12
Fig. 2.2  Field XIII, Key plan of Sections. 13
Fig. 2.3  Field XIII, Section CC. 13
Fig. 2.4  Field XIII, Section AA. 14
Fig. 2.5  Field XIII, Stratum XVA Excavation plan. 15
Fig. 2.6  Field XIII: sub-Stratum XIV, Stratum XIV and initial rebuilding Phase C. 15
Fig. 2.7  Kiln L3396, south of Wall 3381. 15
Fig. 2.8  Field XIII, sub-Stratum XIV Phase B and kiln expansion. 16
Fig. 2.9  Pottery from Kiln, Locus 3396, expansion in Phase 3B, sub-Stratum XIV. 16
Fig. 2.10  Field XIII, Excavation Plan for Stratum XIV. 17
Fig. 2.11  Ceramics from Locus 3774, surface in Room D, Stratum XIV. 18
Fig. 2.12  Ceramics from Locus 3763, surface in Room D, Stratum XIV. 20
Fig. 2.13  Ceramics from Loci 3753, 3377, 3379, and 3392 (Rooms E, F, and G), Stratum XIV. 22
Fig. 2.14  Locus 3384 running against Wall 3381, east of Pit 3352. 23
Fig. 2.15  Ceramics from Locus 3538, surface in Yard B, Stratum XIV. 24
Fig. 2.16  Ceramics from Locus 3537, surface in western part of Yard B, Stratum XIV. 26
Fig. 2.17  Field XIII, Section BB. 28
Fig. 2.18  Ceramics from Loci 3122 and 3528 in Room C, Stratum XIV. 29
Fig. 2.19  Ceramics from Locus 3121, pebbled walkway, Stratum XIV. 30
Fig. 2.20  Field XIII, Section FF. 31
Fig. 2.21  Ceramics from Locus 3117, surface in southern part of Room C, Stratum XIV. 32
Fig. 2.22  Field XIII, Stratum XIII Excavation plan. 34
Fig. 2.23  Stratum XIII, Room G showing Silo 3734 and Locus 3739. 35
Fig. 2.24  Ceramics from Locus 3739, surface in Room G, Stratum XIII. 36
Fig. 2.25  Basement Chamber from the east. 37
Fig. 2.26  Basement Chamber with bowl on Locus 3771. 38
Fig. 2.27  Field XIII, Section RR. 38
Fig. 2.28  Locus 3771 with ring based bowls. 39
Fig. 2.29  Collapsed Locus 3745 with gazelle pitcher in situ. 39
Fig. 2.30  Ceramics from Locus 3350, surface in Room K, Stratum XIII. 40
Fig. 2.31  Ceramics from Locus 3356, surface in Room L, Stratum XIII. 42
Fig. 2.32  Ceramics from Locus 3361, a second surface in Room L, Stratum XIII. 44
Fig. 2.33  Ceramics from Locus 3346, a debris layer overlying Room L, Stratum XIII. 45
Fig. 2.34  Stratum XIII, Room M flooring. 46
Fig. 2.35  Ceramics from Locus 3348, debris layer overlying Room M, Stratum XIII. 46
Fig. 2.36  Yard B with Walls 3486, 3498, 3457, and 3462. 48
Fig. 2.37  Ceramics from Locus 3525, surface in Yard B, Stratum XIII. 49
Fig. 2.38  Ceramics from Locus 3522 (Room C) and Locus 3526 (Room D), Stratum XIII. 50
Fig. 2.39  Area 1, Iron I pits looking eastward. 51
Fig. 2.40  Ceramics from Locus 3114, cobbled surface in Room F, Stratum XIII. 52
Fig. 2.41 Field XIII, Excavation plan for Stratum XII. 54
Fig. 2.42 Ceramics from Locus 3734, Silo in Room F, Stratum XII. 55
Fig. 2.43 Silo 3734 with plaster surface Locus 3733-3736. 56
Fig. 2.44 Ceramics from Locus 3729, surface in Room G, Stratum XII. 57
Fig. 2.45 Ceramics from Locus 3333, surface in Room H, Stratum XII. 58
Fig. 2.46 Ceramics from Locus 3518, surface in Yard B, Stratum XII. 60
Fig. 2.47 Edge of Locus 3105 shown to the right of Pit 3106. 62
Fig. 2.48 View towards the north with Locus 3104 at bottom. 62
Fig. 2.49 Ceramics from Locus 3104, surface in Room D, Stratum XII. 64
Fig. 2.50 Ceramics from Locus 3105, second surface in Room D, Stratum XII. 66
Fig. 2.51 Ceramics from Locus 3758, surface in Room D, and Locus 3519, Stratum XII. 68
Fig. 2.52 View towards the east with plaster surface Locus 3519. 70

Fig. 3.1 Vessel classes in Field XIII. 86
Fig. 3.2 Imported wares in Field XIII. 86
Fig. 3.3 Bowl base with evidence of being string-cut. 89
Fig. 3.4 Smoothing or trimming as secondary shaping techniques. 89
Fig. 3.5 Rilling and spiral marks. 89
Fig. 3.6 Cooking pot rim with rilling on the rim. 90
Fig. 3.7 Smoothing. 90
Fig. 3.8 Interior ridging on jar indicating coil manufacture. 90
Fig. 3.9 Sagging rim. 90
Fig. 3.10 Proportion of vessels with exterior slip. 91
Fig. 3.11 Exterior burnishing by stratum in Field XIII. 91
Fig. 3.12 Decorated biconical vessels. 116
Fig. 3.13 Proportion of Base types in Field XIII in Strata XIV, XIII and XII. 121
Fig. 3.14 White Slip I bowls. 122
Fig. 3.15 White Slip II bowl in the hooked chain design. 123
Fig. 3.16 Red on Black Ware. 124
Fig. 3.17 A range of Base Ring Wares in Field XIII. 125
Fig. 3.18 Bowl with Base Ring Ware fabric and Monochrome Ware shape. 125
Fig. 3.19 Base Ring vessel with tree motif in Locus 3771. 126
Fig. 3.20 Cypriot Monochrome bowls and sections. 127
Fig. 3.21 Bichrome decorated jar sherds. 128
Fig. 3.22 Red Lustrous Wheel-made ware; local imitation. 128
Fig. 3.23 Mycenaean Ware in Locus 3534A in Stratum XIV. 128
Fig. 3.24 Mycenaean Ware in Locus 3739 in Stratum XIII. 129
Fig. 3.25 Eggshell Ware (COW) in Locus 3750. 130
Fig. 3.26 Marl D sherd in debris layer Locus 3536, Stratum XIV. 130

Fig. 4.1 Petrographic group F-L (Fossiliferous Limestone). 147
Fig. 4.2 Petrographic group F-L/1 (Fossiliferous Limestone with dolomite rhombs). 147
Fig. 4.3 Petrographic group F (Shale Group). 148
Fig. 4.4 Petrographic group M-L (Micritic Limestone). 149
Fig. 4.5 Petrographic group C/1 (Calcite tempered). 149
Fig. 4.6 Petrographic group C/2 (Fossiliferous Calcite). 150
Fig. 4.7 Macro fabric groups in strata XIV, XIII, and XII. 150
Fig. 4.8 Petrographic groups for bowls. 151
Fig. 4.9 Petrographic groups for cooking pots and holemouth vessels. 151
Fig. 4.10 Percentage of chaff inclusions per stratum. 153

List of Tables and Appendices

Table 1.1 Late Bronze Age sites in the Shechem Valley. 4
Table 1.2 Comparative assemblages in the southern Levant. 7
Table 1.3 Relative Chronology of the Levant, Egypt, and the eastern Mediterranean. 8

Table 2.1 List of loci in Field XIII in Strata sub-XIV, XIV, XIII, and XII. 72
Table 2.2 List of Walls in Field XIII in Strata sub-XIV, XIV, XIII, and XII. 82
Table 2.3 Revised Stratigraphy in Field XIII. 84

Table 3.1 Frequency of imported wares in strata XIV, XIII, and XII. 87
Table 3.2 Macro fabric classification in Field XIII. 87
Table 3.3 Fabric group frequency in Strata XIV, XIII, and XII. 88
Table 3.4 Rim typology. 92
Table 3.5 Neck shape and carination typology. 92
Table 3.6 Handle typology. 92
Table 3.7 Base typology. 93
Table 3.8 Proportion of Bowl Types in Field XIII in Strata XIV, XIII and XII. 95
Table 3.9 Proportion of Carinated Bowl types in Field XIII in Strata XIV, XIII and XII. 100
Table 3.10 Proportion of Cooking Pot types in Field XIII in Strata XIV, XIII and XII. 103
Table 3.11 Proportion of Krater types in Field XIII in Strata XIV, XIII and XII. 107
Table 3.12 Proportion of Jar types in Field XIII in Strata XIV, XIII and XII. 111
Table 3.13 Proportion of Holemouth vessel types in Field XIII in Strata XIV, XIII and XII. 115
Table 3.14 Proportion of Jug types in Field XIII in Strata XIV, XIII and XII. 119
Table 3.15 Proportion of Juglet types in Field XIII in Strata XIV, XIII and XII. 119

Appendix 3.1 Macro-fabric groups (FG) in Field XIII. 134
Appendix 3.2 Macro fabrics per vessel class in Stratum XIV. 138
Appendix 3.3 Macro fabrics per vessel class in Stratum XIII. 139
Appendix 3.4 Macro fabrics per vessel class in Stratum XII. 140
Appendix 3.5 Frequency of vessel classes in Field XIII. 141
Appendix 3.6 Base type by stratum in Field XIII. 141

Table 4.1 Bowls submitted for petrographic thin-sectioning. 145
Table 4.2 Cooking pots submitted for petrographic thin-sectioning. 146

Appendix 4.1 Petrographic descriptions for petrofabrics F-L, F-L/1, and F. 157
Appendix 4.2 Petrographic descriptions for petrofabrics C/1, C/2 and M-L. 159