

Monographs of the Sydney University Teleilat Ghassul Project 3

THE MYSTERIOUS WALL PAINTINGS OF TELEILAT GHASSUL, JORDAN

IN CONTEXT

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Contents

Acknowledgements

| | |
|--|-----------|
| List of Figures | iv |
| Chapter 1.1 Introduction..... | 1 |
| Chapter 1: Introduction | 2 |
| Chapter 2: Culture, Materials and Context: The Ghassulian Culture, the Discovery and Original stated Contexts of the Wall Paintings..... | 2 |
| Chapter 3: Analysis, Composition and Creation | 2 |
| Chapter 4: Technology of Ancient Painted Wall Plaster and Modern Replication Studies..... | 3 |
| Chapter 5: Discussion – Art and Society in the Ghassulian | 3 |
| Chapter 6: Conclusion | 3 |
| Chapter 1.2 History of Research | 4 |
| Discovery of the Wall Paintings at Teleilat Ghassul | 4 |
| Chapter 2.1 Geographical and Environmental Context | 8 |
| The Site of Teleilat Ghassul | 9 |
| Geo-Physical Environment | 9 |
| South Levantine Chalcolithic Settlement Patterns | 10 |
| Climate | 11 |
| Water Supply | 12 |
| Agricultural Economy | 12 |
| Trade and Inter-regional Contact | 15 |
| Summary | 16 |
| Chapter 2.2 Society, Culture and Ritual Context | 18 |
| Cultural Change and Social Forms | 18 |
| Ideology and Cult Practitioners in the Ghassulian Chalcolithic | 20 |
| Burials and Belief | 21 |
| Ilan and Rowan’s Hypothesis | 26 |
| de Miroschedji’s Hypothesis | 26 |
| ‘The Meeting’ | 27 |
| The Banquet and Sacred Sexual Act | 27 |
| The Festivities | 28 |
| Seaton’s Hypothesis | 28 |
| Levy’s Hypothesis | 29 |
| Gardner, Campion and Polcaro’s Hypotheses | 29 |
| Summary: Ritual and Cult Practice in the Ghassulian | 30 |
| Chapter 2.3 Prehistoric Artistic Context | 34 |
| Prehistoric Art A: Precursors | 34 |
| Prehistoric Art B: Contemporary Non-Ghassulian art | 40 |
| Prehistoric Art C: Art from South-Levantine Chalcolithic sites | 41 |
| Prehistoric Art D: Post-Ghassulian wall paintings..... | 46 |
| Painted structures in Predynastic Egypt..... | 48 |
| Summary | 49 |
| Chapter 2.4 The Ghassulian Wall Art: Discovery and Archaeological Context | 50 |
| A. ‘Les Personnages’, ‘The Notables Frieze’, ‘Procession fresco’ | 50 |
| B. Miscellaneous Painted Rooms of Tell 3 | 51 |
| C. ‘L ‘Oiseau’ - The Bird Painting | 52 |
| D. The Spook Masks | 53 |
| E. “L ‘Etoile’, ‘The Star of Ghassul’ | 54 |
| F. North’s Area A “Tiger” and Additional Spook Masks’ | 59 |
| G. North’s Area E Geometric Paintings | 60 |
| H. The ‘Zig-Zag’ painting | 63 |
| I. Hennessy’s ‘Processional’ fresco | 63 |
| J. The ‘Garlanded Sickle’ | 65 |

| | |
|--|------------|
| Chapter 3.1 Settlement, Structural and Ritual Context | 66 |
| 2. Settlement layout, architectural form and building location | 68 |
| Chapter 3.2 Subject Matter: New Observations | 104 |
| New Observations on the ‘Star’ Fresco | 104 |
| Observations on the ‘Tiger’ Fresco | 107 |
| Observations on the ‘Geometric’ fresco | 109 |
| Observations on the ‘Zig-Zag’ fragment | 111 |
| Observations on Hennessy’s ‘Processional’ fresco | 113 |
| A Widely Spaced Scene | 115 |
| A Metallic Ornament | 118 |
| Summary of key changes | 119 |
| Summary: Archaeological Context and Ritual Practice | 119 |
| Chapter 4.1 Ghassulian Technological Innovation | 121 |
| Ghassulian Metallurgy | 121 |
| Lime Plaster and Fresco Production | 123 |
| Manufacturing Process | 123 |
| Pigments and Painting | 124 |
| Summary | 125 |
| Chapter 4.2 Replication Studies | 126 |
| Original Materials And Procedures Employed | 126 |
| Methods | 129 |
| Research Questions | 130 |
| The Requirements of Re-creation | 130 |
| Materials, Tools and a Safe Working Environment | 130 |
| Experimental Design Strategy | 131 |
| Procedural Guidelines | 131 |
| Recreation and Documentation | 132 |
| Evaluation and Communication | 132 |
| Replication Experiment Results | 132 |
| 3. Geometric Fresco | 135 |
| 4. Personages Fresco | 136 |
| 5. Hennessy’s Processional Fresco | 137 |
| 6. Bird Fresco | 137 |
| 7. ‘Tiger’ Fresco | 138 |
| 8. Star Fresco | 140 |
| Evaluation and Discussion | 141 |
| Summary and Conclusions | 144 |
| Chapter 5.1. Subject Analysis, Symbolism and Significance | 145 |
| 1. The Notables or ‘Les Personnages’ | 145 |
| 2. The Bird | 148 |
| 3. The Spook Masks | 148 |
| 4. The Star of Ghassul procession | 150 |
| 5. The ‘Tiger’ Fresco | 155 |
| 6. The Geometric Fresco | 155 |
| 7. The Zig-Zag Fragment | 156 |
| 8. Hennessy’s ‘Processional’ fresco | 156 |
| 9. General Conclusions | 161 |
| Chapter 5.2. Art History And Cultural Significance | 163 |
| Symbolic Representation | 163 |
| Making Sense of the Ghassul Frescoes | 164 |
| The Teleilat Ghassul Frescoes in Art-Historical Context | 166 |
| Evidence of a compositional Ground-line 500 years before Writing | 168 |
| A Linear Narrative from the Preliterate period | 168 |
| Combining juxtaposed and superimposed icons and a visual narrative | 169 |
| The importance of Non-Aegean frescoes | 169 |
| Summary | 170 |
| Living with the Paintings | 170 |

| | |
|--|------------|
| The Materialisation of Culture, Ideology and History | 172 |
| Chapter 6. Summary and General Conclusions..... | 174 |
| 1. Who made the Images? | 174 |
| 2. How were the Frescoes made? | 175 |
| 3. Where were the Wall Paintings found? | 175 |
| 4. When were the murals made? | 176 |
| 5. What do the Scenes mean? | 177 |
| 6. Where do the frescoes belong within the history of art?..... | 178 |
| 7. Why are these stunning murals so little known?..... | 178 |
| 8. Placing the Ghassulian Murals within the ‘Bigger Picture’ | 178 |
| Appendices | 181 |
| Bibliography | 221 |

List of Figures

| | |
|--|-----|
| Plate 1: Re-arranged 'Star' procession | xiv |
| Plate 2: Re-adjusted 'Tiger'/Mount Nebo Landscape fresco..... | xiv |
| Plate 3: Re-arranged Hennessy 'Procession' fresco. Fragments, line art and interpretive sketch..... | xv |
| Figure 1. Les Personnages | 4 |
| Figure 2. L 'Oiseau | 4 |
| Figure 3. Masked figures | 5 |
| Figure 4. L 'Etoile or 'Star of Ghassul' | 5 |
| Figure 5. Artist's copy of the 'Tiger' fresco showing the spook masks on the far left and bottom right..... | 5 |
| Figure 6. 'Geometric' Painting | 6 |
| Figure 7. Painted fragment with 'Zig-Zag' design as published | 6 |
| Figure 8. The recently conserved 'Processional' fresco on display at The Jordan Museum, Amman | 6 |
| Figure 9. 'The Garlanded Sickie' | 7 |
| Figure 10. Map of the Chalcolithic sites in the Southern Levant..... | 8 |
| Figure 11. View towards Mount Nebo and the other Mountains of Moab taken from Ghassul | 10 |
| Figure 12. Illustration of wells on Tell III..... | 13 |
| Figure 13. Fragment uncovered in square B1, house 31. The painted image shows a caprid and bird combination | 15 |
| Figure 14. Plan of Tell 14 showing architectural clusters with child burials and wall paintings..... | 19 |
| Figure 15. Plan of the Sanctuary Complex in Area E..... | 19 |
| Figure 16. Infant jar burial from Teleilat Ghassul at The Jordan Museum, Amman | 21 |
| Figure 17. A series of small cist tombs found at Adeimah | 22 |
| Figure 18. Plan of the Adeimah tumuli | 23 |
| Figure 19. Diagram showing the proposed ideology and funerary processes of the Chalcolithic period..... | 24 |
| Figure 20. An EBA stela from Tel Arad showing a resurrection scene, with the head of the person/deity depicted as a head of grain..... | 25 |
| Figure 21. Palestinian EB III cylinder seal impressions showing 'The Meeting'..... | 27 |
| Figure 22. Syrian and Mesopotamian cylinder seal impressions showing the theme of 'The meeting' | 28 |
| Figure 23. Palestinian EB III figurine and Mesopotamian cylinder seal impressions showing banquet | 29 |
| Figure 24. Palestinian and Mesopotamian cylinder seal impressions illustrating the ritualised sexual act | 30 |
| Figure 25. Palestinian, Syrian and Mesopotamian cylinder seal impressions and graffiti showing dancers and musicians..... | 31 |
| Figure 26. Gilat 'Lady/Inanna' and 'Ram/Dumuzi' libation vessels | 33 |
| Figure 27. Carved Pillar from Gobekli Tepe | 35 |
| Figure 28. Engraved stone from the Natufian site of Wadi Hammeh 27, Jordan | 35 |
| Figure 29. Plaster statue with two heads from 'Ain Ghazal..... | 36 |
| Figure 30. Plastered statue from Jericho | 36 |
| Figure 31. Yarmoukian figurines..... | 37 |
| Figure 32. Floor painting from Tell Halula | 38 |
| Figure 33. Ostriches or cranes from Bouqras | 38 |
| Figure 34. Hunting scene from Catal Huyuk | 39 |
| Figure 35. Wall painting from Catal Huyuk Shrine VII..... | 39 |
| Figure 36. Painted fragments showing the 'Lion figures' from Arslantepe..... | 40 |
| Figure 37. Wall painting fragment from Abu Hamid..... | 41 |
| Figure 38. Copper 'crown' from Nahal Mishmar | 42 |
| Figure 39. Figurines from Bir es-Safedi..... | 43 |
| Figure 40. Figurine from Shiqmim | 44 |
| Figure 41. Ossuary from Peqi'in Cave..... | 44 |
| Figure 42. Basalt carving from the Golan | 45 |
| Figure 43. Wall painting from Tell Halawa | 45 |
| Figure 44. Munbaqa wall painting..... | 47 |
| Figure 45. Cow and calf fragment..... | 47 |
| Figure 46. Tomb 100 Painted Scene, Hierakonpolis/Nekhen..... | 48 |
| Figure 47. Les Personnages | 50 |
| Figure 48. L 'Oiseau | 52 |
| Figure 49. Mask No. 1 | 53 |
| Figure 50. Mask No. 2 | 53 |
| Figure 53. Painted Fragment No. 5..... | 53 |
| Figure 51. Mask No. 3 | 53 |
| Figure 54. L'Etoile | 55 |
| Figure 55. Star design | 57 |
| Figure 56. Masked figures | 57 |
| Figure 57. Animal figure | 58 |
| Figure 58. Large architectural feature | 58 |
| Figure 59. Small architectural feature | 58 |
| Figure 60. Red motifs..... | 58 |
| Figure 61. Copy of North's 'Tiger' painted by the excavation's resident artist Panayot Hanania | 59 |
| Figure 62. Portion of fresco traced by Cameron..... | 60 |
| Figure 63. Geometric Painting..... | 61 |
| Figure 64. Painted fragment with 'Zig-Zag' design as published | 63 |
| Figure 65. Hennessy's 'Processional' interpretive sketch done by D. A. McNicoll | 64 |

| | |
|--|-----|
| Figure 66. The 'Garlanded Sickle' | 64 |
| Figure 67. Plan of level IV, Tell 1 | 66 |
| Figure 68. Plan showing North's 1960 grid superimposed over earlier trenches..... | 67 |
| Figure 69. Plan of the University of Sydney excavation areas at Teleilat Ghassul under J. Basil Hennessy and Stephen Bourke | 67 |
| Figure 70. Combined Area E Trench Plan..... | 68 |
| Figure 72. North's lime plastered channel draining into a 1.5 m. deep cistern. Area E1, between Tell 1 & Tell 2. | 69 |
| Figure 71. Mallon's water channel and reservoir: Tell 3, C5 1932 excavations. | 69 |
| Figure 73. 'Les Personnages' – Plate showing artist's reconstruction at the top and original photograph below | 70 |
| Figure 75. C4, North. House 55 - on the left is the 1931 sondage; on the right wall was the 'Personnages' Painting | 71 |
| Figure 74. Plan of the house with the Personnages fresco | 71 |
| Figure 77. Illustration showing stratigraphy and position of wall painting..... | 72 |
| Figure 76. 'Maison de la peinture aux personnages' as mentioned by Mallon | 72 |
| Figure 78. Unpublished plan of Tell 3. Image used courtesy of the PBI Jerusalem annotated by the author | 73 |
| Figure 79. Unpublished plan of Tell 3. Image used courtesy of the PBI Jerusalem annotated by author..... | 73 |
| Figure 80. Buildings evident on Tell 3 at the start of excavations | 74 |
| Figure 81. Plan showing Building 78 at level IVB..... | 75 |
| Figure 82. Plan showing Building 78 at level IVA..... | 76 |
| Figure 83. L 'Oiseau | 77 |
| Figure 84. Plan of the house with L'Oiseau fresco | 77 |
| Figure 85. Unpublished PBI plan showing Building 78 according to the description in Koepfel's account | 78 |
| Figure 86. View looking from the southern end of Building 78 towards the antechamber | 79 |
| Figure 87. Original 'Bird' painting in situ. Feet, tail and head partly visible. | 79 |
| Figure 88. Small spouted bowl found in Building 78 as mentioned by Murphy | 80 |
| Figure 89. Mamelliforme vessel mentioned by Koepfel. Found near the south wall of Building 78, Level III | 81 |
| Figure 90. Cache of Cornets | 81 |
| Figure 92. Plan of Tell 3, Level IVB showing the fallen wall painting in room 10 and surrounding structures. | 83 |
| Figure 93. Plan of the house with 'Star' painting, Room 10..... | 83 |
| Figure 94. House containing the 'Star' painting. Tell 3, Level IV. | 84 |
| Figure 95. Preparing the smaller sections of the Star painting for lifting..... | 84 |
| Figure 96. Lifting the largest portion of the Star painting | 84 |
| Figure 97. North's trenches A2, A5, A6 & A7 showing the location of the 'Tiger' fresco. | 85 |
| Figure 98. Portion of the 'Tiger' fresco as photographed in the field..... | 87 |
| Figure 99. Copy of the 'Tiger' showing the Spook Masks on the far left and bottom right | 87 |
| Figure 100. Artist's painted reproduction located in the archives of the PBI, Jerusalem..... | 88 |
| Figure 101. A2 Room of 'Tiger' fresco showing the stone feature and the location of the painted wall. | 89 |
| Figure 102. Stratified finds from North's 1960 excavations. Dots indicate those found within Trench A2/A7 | 90 |
| Figure 103. Geometric Painting with dots showing the numbered pieces and position of Craters | 91 |
| Figure 104. (Mallon et al. 1934:15 Topographical Section of site) | 92 |
| Figure 105. Plan showing North's Area E trenches..... | 92 |
| Figure 106. Plan of Stratum 5 (Top layer IVB) of E2/E3 | 93 |
| Figure 107. Unpublished Plan from PBI archives showing Strata 5 (top level) of Trenches E2/3, E4 & E5 | 93 |
| Figure 108. Draft plan of Area E4 showing the unusual (semi-circular?) structure located at the end of Stone Wall 4 | 94 |
| Figure 109. Trench E1 as described above corresponding to the same level as the Locus 1 structure (North 1961:Fig. 10)..... | 95 |
| Figure 110. Composite plan of Trenches E2/3 and E1, Stratum III, showing the building complex containing the 'Geometric' fresco..... | 95 |
| Figure 111. Reconstructed southern wall of the E2/E3 room with fresco facing north according to North's diagram | 96 |
| Figure 112. North's Trench E2/3 published plans showing the five distinct levels excavated | 96 |
| Figure 113. Stratified finds from North's 1960 excavations..... | 98 |
| Figure 114. Stratified finds from North's 1960 excavations..... | 99 |
| Figure 115. Photograph of Jar Burial 2 from Trench E2/3, held in the Jordan Museum..... | 99 |
| Figure 116. 'Zig-Zag' fragment..... | 100 |
| Figure 117. Composite plan of excavations at Teleilat Ghassul showing Hennessy's Trench AIV | 100 |
| Figure 118. Composite plan showing Hennessy's Area A, North's Area E and Koepfel's Deep Sounding..... | 101 |
| Figure 119. Phase B Pottery from Hennessy's Area A | 101 |
| Figure 121. Hennessy's Area A, between Tell 1 and Tell 2 | 102 |
| Figure 122. Right-hand portion of the 'Star' fresco | 104 |
| Figure 123. Details of the inner circle area within the Star from fragments | 105 |
| Figure 124. Boxed fragments from the 'Star' fresco..... | 105 |
| Figure 125. Fragment No. 2 of 'Star' painting showing a striking yellow and black design..... | 105 |
| Figure 126. Fragment No. 41 to the left and Fragment Nos. 37 and 38 to the right..... | 106 |
| Figure 127. Image with some slight adjustments to the fragments showing three masked figures | 106 |
| Figure 128. Artist's painted reproduction located in the archives of the Pontifical Biblical Institute, Jerusalem..... | 107 |
| Figure 129. The A2 fresco with 'goggle-eyed horse face' digitally removed in Photoshop | 107 |
| Figure 130. View towards the mountains on the Eastern side of Teleilat Ghassul as taken from the Sanctuary A altar arc..... | 108 |
| Figure 131. View from interior of Sanctuary A looking east aligned along Altar Arc..... | 108 |
| Figure 133. Diagram taken from North's field journal showing the numbering system..... | 110 |
| Figure 134. 'Geometric' fresco as seen from inside the room with dots indicating the approximate position of the craters | 110 |
| Figure 135. Statistical Table | 111 |
| Figure 136. Original site photograph..... | 112 |
| Figure 137. Domiform Ossuary from Ben Shemen..... | 112 |
| Figure 138. Wall painting from Catal Huyuk from shrine VI.B..... | 112 |
| Figure 139. Reconstruction of reed structure in quadrant 10N5W, Nekhen, showing slit trenches in cross section..... | 113 |

| | |
|---|-----|
| Figure 140. Numbered field plan as produced by the University of Sydney team | 114 |
| Figure 141. Original slide on the left and interpretive sketch by McNicoll | 115 |
| Figure 142. The restored fresco on display at the Citadel Museum, Amman | 115 |
| Figure 143. Revised layout according to the author's digital re-arrangement | 116 |
| Figure 144. Interpretive sketch done by Dr. McNicoll | 116 |
| Figure 145. Individual and boxed fragments as place on the narrow tables | 116 |
| Figure 146. Revised digital re-arrangement of Hennessy's 'Procession' | 117 |
| Figure 147. Diagram showing the original field plan layout | 118 |
| Figure 148. Fragment D3 showing the position of the metallic object and close-up of the item | 119 |
| Figure 149. Plan of Tell 3, Teleilat Ghassul showing complex architectural clusters with child burials and wall paintings | 120 |
| Figure 150. One of the 'ash' pits located by the PBI, which might have been used as a slaking pit | 124 |
| Figure 151. Painted surface layers detaching from a thicker base layer of plaster | 127 |
| Figure 152. White background surface on a fragment of the 'Star' painting held at the PBI, Jerusalem | 129 |
| Figure 153. Fragment of the 'Star' painting held at the PBI Jerusalem, showing parallel lines | 129 |
| Figure 154. Evidence of a string-impressed line on a fragment from the 'Star' fresco | 130 |
| Figure 155. Lime Putty | 131 |
| Figure 156. Plastering tools | 131 |
| Figure 157. Completed Zig-Zag experimental fresco | 134 |
| Figure 158. Tracing the outline of the image | 134 |
| Figure 159. One of the completed experimental frescoes of the 'Spook Masks' | 134 |
| Figure 160. Wetting the second layer of keyed plaster with lime water before applying final coat | 135 |
| Figure 161. The experimental 'Geometric' fresco upon completion | 135 |
| Figure 162. Applying the second coat of plaster to the Personages fresco | 136 |
| Figure 163. Putting the finishing touches onto the Processional fresco | 137 |
| Figure 164. The completed 'Bird' fresco | 138 |
| Figure 165. Painting the white lines on the 'Tiger' fresco using a mahl stick | 139 |
| Figure 166. The completed 'Star' fresco whilst drying. | 141 |
| Figure 167. The Notables, Les Personages | 145 |
| Figure 168. Outline of the 'Personages' fresco | 146 |
| Figure 169. The 'Star' | 146 |
| Figure 170. Outline showing position of 'dark brown individual' | 146 |
| Figure 171. 'Dark brown individual' | 146 |
| Figure 172. Outline showing position of seated figures | 147 |
| Figure 173. Seated Figures | 147 |
| Figure 174. Outline showing position of standing figures | 147 |
| Figure 175. Standing Figures | 147 |
| Figure 176. L 'Oiseau | 148 |
| Figure 177. Outline of Bird | 148 |
| Figure 178. Spook Masks | 148 |
| Figure 179. Limestone mask from Horvat Duma, Judean Hills. Ca. 9000 years old. | 149 |
| Figure 180. Outline of Spook Masks | 149 |
| Figure 181. Possible arrangement of Bird and Spook Masks | 149 |
| Figure 182. Adjusted image of the Star fresco | 150 |
| Figure 183. Outline of 'Star' fresco showing position of figure in yellow and black | 150 |
| Figure 184. Figure in yellow and black | 150 |
| Figure 185. Outline of 'Star' fresco showing position of figure in red, black and white | 151 |
| Figure 187. Outline of Star showing position of smaller figure | 151 |
| Figure 188. Smaller figure | 151 |
| Figure 189. Outline of Star fresco showing animal-like element | 152 |
| Figure 190. Animal-like element | 152 |
| Figure 191. Outline of Star fresco showing stepped feature and architectural plan | 152 |
| Figure 192. Stepped feature and architectural plan | 152 |
| Figure 193. Outline of the Star fresco showing elements in lower right quadrant | 153 |
| Figure 194. Elements in lower right quadrant | 153 |
| Figure 195. Outline of Star fresco showing elements in upper right quadrant | 153 |
| Figure 196. Elements in upper right quadrant | 154 |
| Figure 197. Outline of fresco showing the position of the 'Star' | 154 |
| Figure 198. Star element | 154 |
| Figure 199. Adjusted Tiger - Mountainscape' fresco | 155 |
| Figure 200. Annotated Geometric fresco | 155 |
| Figure 201. Original photograph of 'Zig-Zag' fragment and outline | 155 |
| Figure 202. Re-arranged fragments of the 'Processional' fresco | 156 |
| Figure 203. Outline of Processional fresco showing architectural feature | 157 |
| Figure 204. Outline of Processional fresco showing architectural feature | 157 |
| Figure 205. Courtyard with wooden poles | 157 |
| Figure 206. Outline of Processional showing leading figure | 158 |
| Figure 207. The leading figure | 158 |
| Figure 208. Outline of Processional showing first group | 158 |
| Figure 209. First group | 158 |
| Figure 210. Mask with indented eye area | 159 |
| Figure 211. Outline of Processional showing second group | 159 |

| | |
|--|-----|
| Figure 212. Second group..... | 159 |
| Figure 213. Mask area showing metallic object | 159 |
| Figure 214. Interpretive drawing of Hennessy's Processional | 161 |
| Figure 215. Pillar from Gobekli Tepe with bas-relief (Drawing by author after Schmidt)..... | 165 |
| Figure 216. Bull hunting scene from Level V at Catal Huyuk | 165 |
| Figure 217. Image of painted Near Eastern ceramics | 166 |
| Figure 219. The Mount Nebo mountain range taken from the Sanctuary A altar arc at Ghassul..... | 168 |
| Figure 221. Interpretive painting of 'Processional' with annotations | 168 |
| Figure 220 The 'Notables' fresco | 168 |
| Figure 222. Adjusted image of the Star fresco | 169 |
| Figure 223. Map of the Chalcolithic Southern Levant | 181 |
| Figure 224. Map of the Ancient Near East..... | 181 |
| Figure 225. Unpublished report by Koepfel held in the archives of the Rockefeller Museum, Jerusalem | 182 |
| Figure 226. Fragment showing structural element | 183 |
| Figure 227. Fragment showing structural element | 183 |
| Figure 228. Fragments showing structural element | 184 |
| Figure 229. Fragment showing structural element..... | 184 |
| Figure 230. Fragment showing Leading Figure | 185 |
| Figure 231. Fragment showing hand of leading figure | 185 |
| Figure 232. Fragment of leading figure's robe..... | 186 |
| Figure 233. Fragment showing the striped masks and hooked implement..... | 186 |
| Figure 234. Fragment showing shoulder, arm and hand holding the handle of hooked implement | 187 |
| Figure 235. Fragment showing robe of leader (1st group) | 187 |
| Figure 236. Fragment showing body of second figure in 1st group | 188 |
| Figure 237. Fragments showing robe and third figure of 1st group | 188 |
| Figure 238. Fragment showing feet of first group | 189 |
| Figure 239. Fragment showing mask of leading figure in 2nd group with impressed object | 189 |
| Figure 240. Fragment showing robe of leading figure (2nd group) and winged attachment of following figure..... | 190 |
| Figure 241. Fragment showing winged attachment of follower..... | 190 |
| Figure 242. Fragment showing striped body of follower..... | 191 |
| Figure 243. Fragments showing various designs | 191 |
| Figure 244. Fragment showing feet of 2nd group | 191 |
| Figure 245. Small fragment showing part of robe | 192 |
| Figure 246. Fragment showing feet..... | 192 |
| Figure 247. Small fragments of robe | 192 |
| Figure 248. Assorted fragments laid out on the table in Amman | 193 |
| Figure 249. Comparative fragment plans | 194 |
| Figure 250. Newly arranged fragments format | 195 |
| Figure 251. Outline of fragment designs | 195 |
| Figure 252. Interpretive painting of procession | 196 |
| Figure 253. Interpretive sketch of procession | 196 |
| Figure 254. Fragments held in the basement of the Rockefeller Museum..... | 197 |
| Figure 255. Right hand portion of the fragmentary Star fresco in the basement of the Rockefeller Museum, Jerusalem | 197 |
| Figure 256. Remaining portions of the architectural element in the lower right register..... | 197 |
| Figure 257. Damaged area in the centre of the Star | 198 |
| Figure 258. Central portion of the Star..... | 198 |
| Figure 259. Fine details in the central portion | 198 |
| Figure 260. White over-painting on black rays | 199 |
| Figure 261. Central star design | 199 |
| Figure 262. Damaged area of black ray | 199 |
| Figure 263 Top layer of plaster | 200 |
| Figure 264. Rockefeller Museum catalogue number..... | 200 |
| Figure 265. Original PBI Identification number | 200 |
| Figure 267. Fragments of the 'Star' painting..... | 201 |
| Figure 268. Fragment showing black zig-zags with yellow overpainting | 201 |
| Figure 269. Joining fragments with black zig-zags and yellow over-painting | 202 |
| Figure 270. Fragment showing orangey-pink and black areas | 202 |
| Figure 271. Small fragment with black design on white background..... | 202 |
| Figure 272. Fragment with large black elements | 203 |
| Figure 273. Fragment with some red and black elements | 203 |
| Figure 274. Fragment with very distinctive multi-layered design..... | 203 |
| Figure 275. Small fragment with black pigment..... | 204 |
| Figure 276. Poorly preserved piece with some red pigment visible..... | 204 |
| Figure 277. Fragment with orangey-red pigment..... | 204 |
| Figure 278. Fragment with white plaster | 205 |
| Figure 279. Fragment with the lower portion of a red cone | 205 |
| Figure 280. Small fragment with red pigment..... | 205 |
| Figure 281. Fragments with black pigment | 206 |
| Figure 282. Fragments showing impressed areas and black and yellow pigment..... | 206 |
| Figure 283. Fragments with black bands and an overlaid layer of yellow pigment..... | 206 |
| Figure 284. Fragment with black and red pigment..... | 207 |

| | |
|--|-----|
| Figure 285. Fragment with small areas of black pigment | 207 |
| Figure 286. Fragment with black lower layer and yellow top layer | 207 |
| Figure 287. Collection of fragments held in Box Number 2..... | 208 |
| Figure 288. Fragment showing red 'prongs' with black tips | 208 |
| Figure 289. Fragments with red, black and white designs | 208 |
| Figure 290. Fragments with red and black with a white overlaid layer – possibly an eye..... | 209 |
| Figure 291. Fragment with black triangular design and white stripes..... | 209 |
| Figure 292. Fragments with black design with white overlaid stripes..... | 209 |
| Figure 293. Fragments showing the remaining portions of a 'Spook' mask and red 'fingers' | 210 |
| Figure 294. Large group of adjoining fragments showing spook mask, outstretched hand | 210 |
| Figure 295. Small fragment with orangey-red pigment..... | 210 |
| Figure 296. Small fragment with orangey-red pigment..... | 211 |
| Figure 297. Fragment with dark red and black design | 211 |
| Figure 298. Fragment with small areas of red and black pigments | 211 |
| Figure 299. Adjoining fragments with yellow and black pigments..... | 212 |
| Figure 300. Black area with white circular design – possibly an eye | 212 |
| Figure 301. Fragments with a distinctive red conical design (possibly a cornet?) with small black areas..... | 212 |
| Figure 302. Fragments with black and red pigments | 213 |
| Figure 303. Fragment with faint orangey-red pigment with black pronged design..... | 213 |
| Figure 304. The fragment shown above viewed from another angle..... | 213 |
| Figure 305. Assorted fragments from Box Number 3..... | 214 |
| Figure 306. Fragment with dis-coloured lacquer on surface | 214 |
| Figure 307. Smaller fragment with dis-coloured lacquer surface..... | 214 |
| Figure 308. Fragment with black and red pigments | 215 |
| Figure 309. Fragment with black linear design..... | 215 |
| Figure 310. Assorted small fragments | 215 |
| Figure 311. Small poorly-preserved fragments | 216 |
| Figure 312. Assorted fragments with red and black designs | 216 |
| Figure 313. Fragment with red and black pigments | 216 |
| Figure 314. Fragments showing multiple layers | 217 |
| Figure 315. Fragment with orangey-red pigment in a circular design..... | 217 |
| Figure 316. Adjoining fragments with black and white 'eye' design evident | 217 |
| Figure 317. Fragment with orangey-red portion and black and white striped design | 218 |
| Figure 318. Assorted fragments with multiple layers evident and a well-preserved black and white design | 218 |
| Figure 319. Fragments shown above viewed from a different angle showing multiple layers of painted designs | 218 |
| Figure 320. Fragment with black linear design | 219 |
| Figure 321. Fragment with circular black and white designs and a red linear design with wavy pattern | 219 |
| Figure 322. Box No. 4 with solid fragment showing a large area of black pigment and smaller area of orangey-red pigment | 219 |
| Figure 323. Box containing assorted fragments with yellow and black designs – most likely belonging to the 'Star' fresco | 220 |
| Figure 324. Box containing large fragments with plastered backing - some red pigments visible | 220 |



PLATE 1: RE-ARRANGED 'STAR' PROCESSION



PLATE 2: RE-ADJUSTED 'TIGER'/MOUNT NEBO LANDSCAPE FRESCO



PLATE 3: RE-ARRANGED HENNESSY 'PROCESSION' FRESCO. FRAGMENTS, LINE ART AND INTERPRETIVE SKETCH

Chapter 1.1 Introduction

'We don't need another Tutankhamen's tomb with all its treasures. We need context. We need understanding'
(W. Herzog, *Archaeology*, Vol. 64, No. 2, March/April 2011).

It is a regrettable fact that many ancient artefacts are unearthed by archaeologists, only to be briefly recorded and then put aside, to be covered once again with dust and obscurity. Due to a number of circumstances this was largely the case with the fragmentary wall paintings uncovered at the Chalcolithic site of Teleilat Ghassul in Jordan, which were excavated between 1930 and 1977. It is the goal of this research to brush the dust from the surface of these ancient murals once again and to bring them firmly back into the view of art historians, archaeologists and the wider public, in the hope that they might achieve the level of artistic appreciation and scholarly acclaim that they most richly deserve.

This study will begin by placing the paintings within a firm contextual framework constructed out of evidence collected from both published and unpublished material derived from the excavation archives of the various teams that worked at Teleilat Ghassul, the Pontifical Biblical Institute, Jerusalem (hereafter PBI), the British School of Archaeology, Jerusalem and the University of Sydney, Australia, in addition to other relevant source material. It is hoped that a detailed re-examination of the wall paintings will provide new insights into the Chalcolithic (ca. 4700-3700 cal. BC) culture of the Southern Levant illustrating the considerable amount of information that can still be obtained from the fragmentary frescoes, when examining them from artistic, technological and anthropological viewpoints.

The distinctive perspective brought to this research comes from my unusual academic background consisting of an undergraduate Bachelor of Arts degree in Ancient History and an Honours degree in Natural History Illustration, both undertaken at the University of Newcastle, Australia. The amalgamation of this unique training with my passion for Near Eastern archaeology provides the current study with a trans-disciplinary approach, combining the research skills and associated structure of the humanities with the practical component of a Natural History Illustration project.

The research strategy crosses many disciplinary boundaries, seeking to create a holistic approach, and focuses on problems that cross the borders of different research areas, such as archaeology, anthropology, art history, ancient history, experimental archaeology and natural history illustration. Naturally this brings with it some limitations and although a comprehensive study has been presented, the fact remains that I have trained as an ancient historian and artist, not as an archaeologist, anthropologist or art historian, and this study will therefore

differ to those more traditionally associated with these fields. However, to address the fact that much of this research is very closely connected to the archaeological evidence, I have been working in collaboration with the current director of excavations at Teleilat Ghassul, Dr. Stephen Bourke from the University of Sydney. Dr. Bourke has graciously provided much feedback and access to unpublished material held by The University of Sydney Teleilat Ghassul Excavation Project.

In addition to the frequent visits to the University of Sydney; research trips to Jerusalem, Rome, Amman and Teleilat Ghassul in the south Jordan Valley of the Hashemite Kingdom of Jordan were also undertaken in order to collect the primary data necessary for this undertaking.

These trips would not have been successful without the generous assistance of Father Nguyen, Director of the PBI in Jerusalem, who willingly opened up doors and gave me permission to freely use their material; Father Maurice Gilbert, also of the PBI, who spent many hours with me in the museum, library and attic locating forgotten records, artefacts and fresco fragments; Dr. Jaimie Lovell, then Director of the British School of Archaeology in Jerusalem, for assisting my research when resident in Jerusalem; Mr. Miki Sebbanne, Curator of the Rockefeller Museum, Jerusalem, for allowing me to view some of the remaining fragments of the 'Star' fresco; Ms. Silvia Krapiwko, Head of The Rockefeller Archives, who assisted me with locating unpublished excavation reports written by Koepfel; Friar Jean-Michel de Tarragon, historian of the Ecole Biblique of Jerusalem, for preserving the original glass photographic negatives from the PBI and graciously sharing these with me; Ms. Maram Naes, Conservator of Hennessy's 'ProceSSIONal' fresco at The Jordan Museum, Amman, whose personal kindness and willingness to discuss her work was most helpful; Mr Roger Quinn, for his generous assistance with the digital reconstructions; and Mr. Colin Whitehead, for translating the French excavation records.

The key objectives of this research project are:

1. Collect and record any unpublished material that relates to the wall paintings from Teleilat Ghassul.
2. Locate and photograph the surviving fresco fragments and examine these for clues relating to the technical processes used in their creation.
3. Collect and scan original slides of the fresco fragments and where possible digitally re-arrange these fragments using the excavators' sketches,

- plans, notes and visible surface designs to achieve the most plausible compositions.
4. Collect information from a variety of different sources to establish a comprehensive contextual framework for the murals, through a consideration of their geographical and environmental surrounds, their settlement and architectural contexts within the site of Ghassul, their artefactual associations, and their technical artistic aspects.
 5. Establish the position of the Ghassul murals within the corpus of prehistoric Near Eastern symbolic representations, and to assess these symbolic representations as comparative artefacts rather than stand-alone artworks.
 6. Explore the relationship between the murals and their creators, by consideration of the importance of the creative process and the potential significance of these images to the individuals living at Ghassul.
 7. Draw some meaning from the contextual associations of the murals to make better sense of the images, using a methodology based on subject analysis.
 8. Use the information from any such interpretations to achieve an enriched understanding of the Ghassulian society, in particular its level of socio-economic complexity, stratification, religious beliefs and ritual practices.
 9. Explore current art-history theories related to composition style and the birth of narrative art to assess whether the Ghassul murals challenge or support existing models.
 10. Perform experimental replication of the frescoes, at half original size, to explore aspects of the manufacturing process (time, technique and labour) and to document this process photographically.

To achieve these aims, the study will consist of the following components:

Chapter 1: Introduction

1.1 History of Research

This chapter provides a brief overview of the previous literature and sets the foundations for the current study.

Chapter 2: Culture, Materials and Context: The Ghassulian Culture, the Discovery and Original stated Contexts of the Wall Paintings

This chapter takes a deliberate context-based approach and presents evidence relating the background, original data and initial statements corresponding to the wall paintings. The sections of chapter two follow the sequence listed below:

2.1: Geographical and Environmental Context

The geographic and environmental data are presented in this chapter to aid our understanding of the factors influencing the Ghassulian culture, both natural and

human, and assist our understanding of what every day life was like for the inhabitants and creators of the murals.

2.2: Society, Culture and Ritual Context:

The cultural context of the Ghassulian period is established in this chapter, which provides an important groundwork for the following study. This is achieved by examining the different aspects that made up the distinctive Ghassulian culture, with particular focus on their social forms, burial customs, beliefs and religion.

2.3: Prehistoric Artistic Context

This section provides a brief overview of symbolic representations from the Ancient Near East in order to place the wall paintings from Ghassul within their artistic contextual setting. The comparative artworks were selected because they relate to the Ghassulian collection stylistically, symbolically or technically. The representations are presented in chronological order, starting with pre-Ghassulian artworks in the Southern Levant and in adjacent regions. Consideration of contemporaneous artworks and those of the later Early Bronze Age follow treatment of these.

2.4: The Wall Art of Teleilat Ghassul: Discovery and Archaeological Context

Information related to the wall paintings' original discoveries is introduced in chronological order. This section also provides translations from the PBI excavation reports, which were originally presented in German and French, extracts from the unpublished handwritten dig books and from other PBI sources, such as the Fernandez-Festschrift. Due to the fact that much of this material is either difficult to locate or was written in languages other than English, some of this information is presented verbatim for ease of reference by future researchers. Prior interpretations of the scenes, made by the excavators and other scholars, are also presented in this chapter.

Chapter 3: Analysis, Composition and Creation

This chapter presents the re-analysis of original contexts, associated artefacts, new composition suggestions, comparative analysis and technological and artisanal data.

3.1: Settlement, Structural and Ritual Context

Re-analysis of the contextual information is introduced here with particular attention paid to the location of the wall paintings and the artefacts and burials associated with these. To determine whether the painted structures could be classified as having a ritual-cultic use Verhoeven's 'Properties of Framing' methodology is employed.

3.2: Subject Matter – New Interpretations

This section presents all of the data that was unearthed during the early stages of renewed research and introduces new observations related to selected paintings. New

material in relation to the ‘Star’ fresco is offered, including photographs of fragments and some observations are presented. This is followed by new material relating to the ‘Tiger’ fresco, which consists of photographs of the original artist’s interpretive scene; comments made by the excavator relating to the various layers of the mural and the adjustments made to the scene digitally after these were taken into consideration. Presentation of new information related to the ‘Geometric’ fresco follows, with particular attention paid to the position of the craters and direction and placement of the fresco within the room according to North’s hand-drawn diagram and notes. The chapter concludes with some new material related to Hennessy’s ‘Zig-Zag’ fragment and the ‘Processional’ frieze, with information gathered from the ICCROM conservation report, site plans and the original coloured slides, which were digitally re-arranged into a more plausible format, as presented recently in *Antiquity*.

Chapter 4: Technology of Ancient Painted Wall Plaster and Modern Replication Studies

4.1: Ghassulian Technological Innovation

This section presents the innovative technological achievements made by the artisans belonging to the Ghassulian cultures, with particular focus on metallurgy and fresco production. It is suggested that these like-minded pyrotechnical specialists most likely guarded their knowledge carefully and were strongly linked to the ritual practitioners and cultic activities. In addition, data from the original scientific analyses conducted by the PBI and ICCROM teams is presented and the question as to whether the frescoes were created using the ‘*buon fresco*’ technique is explored.

4.2: Replication Studies

This portion presents the data from the original scientific analyses conducted by the PBI and ICCROM teams and explores the question as to whether the frescoes were created using the ‘*buon fresco*’ technique. This is followed by the data gathered whilst conducting experimental replications. These trials were conducted by the author under a ‘learn by doing’ mantle and attempted to answer three research questions relating to the difficulty of the fresco manufacturing process; the time required to make a fresco; and the effect of different fillers on the surface. An evaluation and discussion of the information gained through the experimental process is presented in conclusion.

Chapter 5: Discussion – Art and Society in the Ghassulian

Chapter five aims to assess the evidence from the preceding chapters in the light of current academic debate. The discussion is presented in the following two components:

5.1: Subject Analysis

This section explores the benefits and pitfalls of subject analysis before offering tentative interpretations of

the individual scenes in light of the revised contextual information outlined earlier. A discussion of the new insights obtained through the subject analysis is then presented.

5.2: Art and Society

This section discusses the significance of the murals and explores the way that they contribute to and complement our understanding of the Ghassulian culture. Current theories relating to the interpretation and evolution of representation and visual narrative are explored and challenged and a new model is proposed. The position of these early frescoes in relation to later Aegean murals and their role in the materialisation of culture, ideology and history is also considered.

Chapter 6: Conclusion

In this component previous arguments will be reviewed and summarised. Key points will be emphasised and closing thoughts outlined.

My Role

I became interested in the wall paintings of Teleilat Ghassul in 2009 when I was working on the University of Sydney excavations in Pella, Jordan. My reaction upon viewing the ‘Star of Ghassul’ for the first time was one of incredulity, as I found it difficult to comprehend how people 6000 years ago could have created a fresco that was so intricately designed and executed. My fascination with the paintings grew, as did my frustration that so little was known about them. When Dr. Bourke offered me the opportunity to carry out research on the paintings and provided me with the coloured slides of Hennessy’s ‘Processional’ fragments I knew that I had to accept the challenge.

While I am not an archaeologist, I am an ancient historian and artist, and if there were a job-description of ‘contextualist’ I would happily wear that label. I see myself as a student of material culture whose work is both empirical and interpretive. The main objective of this project was to apply a comprehensive contextual framework to the paintings, so that they could be established, studied, interpreted and appreciated in a way that reflects their socio-cultural setting. Anthropologist Randall White has stated, ‘Cultural understanding is the goal; representation is one of the means, neither less nor more important than technology, economic systems, language, or religion’ (2003:25), and I agree wholeheartedly. I hope that my review of these representations will lead to an enriched understanding of the Ghassulian culture and will be discussed and challenged by other scholars who share my fascination with this creative and mysterious culture.