

COPYRIGHT STATEMENT PART III

After reasonable investigation, this material has been reproduced in reliance on PART III of the Australian Copyright Act 1968.

THE ROYAL TOMB AT EL- 'AMARNA

ARCHAEOLOGICAL SURVEY OF EGYPT

EDITED BY T. G. H. JAMES

THIRTY-FIFTH MEMOIR

THE ROYAL TOMB AT EL-'AMARNA

The Rock Tombs of El- 'Amarna, Part VII

BY

GEOFFREY THORNDIKE MARTIN

Lecturer in Egyptology, University College London

I THE OBJECTS

EGYPT EXPLORATION SOCIETY

3 DOUGHTY MEWS, LONDON WCIN 2PG

1974

LONDON

SOLD AT

THE OFFICES OF THE EGYPT EXPLORATION SOCIETY

3 Doughty Mews, London WCIN 2PG

ALSO BY
BERNARD QUARITCH, 5/8 Lower John Street
Golden Square, London WIV 6AB

© Egypt Exploration Society 1974

Printed in Great Britain at the University Press, Oxford by Vivian Ridler Printer to the University

TO THE MEMORY OF JOHN AND HILDA PENDLEBURY

	,	

CONTENTS

PREFACE	page ix
TEXT FIGURES	xi
LIST OF PLATES	xiii
ACKNOWLEDGEMENTS	xvii
ABBREVIATIONS AND JOURNALS CITED	xix
INTRODUCTION	I
PREVIOUS WORK AT THE ROYAL TOMB. SOURCES	3
THE INTERIOR OF THE ROYAL TOMB	11
THE CATALOGUE	13
A. The Reconstructed Sarcophagus	13
B. Sarcophagi Fragments	16
C. The Canopic Chest	30
D. Alabaster Fragments, probably originally from the Canopic Chest	32
E. Fragments of other Alabaster Boxes or Chests	34
F. Human Remains	36
G. Shabtis of Akhenaten	37
H. Shabti of Nefertiti	72
I. Unfinished Shabtis	72
J. Ostraca, Jar inscriptions, and Sealings	74
K. Jewellery and Scarabs	75
L. Objects in Faience	81
M. Objects in Glass	87
N. Objects in Alabaster, other than Boxes or Chests	88
O. Objects in Limestone	91
P. Other Stones	95
Q. Metal, other than Gold	96
R. Pottery	97
S. Wood and other Organic Materials	97
T. Gypsum Plaster	98
U. Gypsum Plaster Reliefs	99
V. Miscellaneous Fragments	103

CONTENTS

SUMMARY AND CONCLUSIONS	104
CONCORDANCE OF MUSEUM AND CATALOGUE NUMBERS	107
CONCORDANCE TO NEWBERRY, FUNERARY STATUETTES AND MODEL SARCOPHAGI (CCG)	111
CONCORDANCE OF ROYAL WÂDI (RW) NUMBERS AND CATA- LOGUE NUMBERS	112
BIBLIOGRAPHY	114
GENERAL INDEX	110

PREFACE

A WORD of explanation is necessary to account for the appearance of this volume, devoted to objects from the 'Amarna Royal Tomb, in the series Archaeological Survey of Egypt, which hitherto has been exclusively concerned with epigraphic work. Originally it had been the author's intention to prepare first a volume of facsimiles of the remaining scenes and inscriptions in the tomb, with appropriate commentary. A second volume was to have dealt with the objects. Political events, however, prevented the work from being carried out as intended at the site in the winter of 1969–70. The objects are therefore published first, partly as an earnest of good intentions, but more especially in the hope that they will stimulate discussion and bring to light other fragments—objects or reliefs—from the Royal Tomb, which can then be studied in the second volume. The epigraphic work will be carried out at the earliest opportunity.

The 'Amarna Age is fraught with problems for the student, not least because much of the evidence is still unpublished or imperfectly known. So much depends on the cumulative evidence of seemingly mundane inscriptions and objects, which individually may not be of particular significance. The objects from the Royal Tomb, now scattered in various museums and collections, are a case in point. Many of them would not ordinarily have merited individual treatment in an archaeological report. Indeed, if such fragments had been excavated in the town-site at El-'Amarna many would perhaps have been discarded as useless or devoid of much importance. Brought together here, it is hoped that information of some historical interest may be wrested from them.

Hitherto there has been no connected account of the archaeological activity which has taken place in the Royal Tomb and Royal Wâdi. The present work is based on a number of disparate sources of unequal value. Some of the written records are sketchy in the extreme, some have not survived at all. For instance, there is no list of the objects found during J. D. S. Pendlebury's work in the Royal Wâdi in 1935.¹ Much of the surviving material has been traced in museums and private collections and catalogued by the present writer. For fragments which cannot be located we are reliant on the brief records of the excavators.

Measurements throughout are in centimetres, unless otherwise stated, fragmentary objects being orientated in their correct plane for the purposes of measurement. Where details of *breaks* are given the measurement is made from a point mid-way across each break, unless otherwise noted. In the case of shabtis, etc., descriptions are made from the point of view of the object and not of the onlooker.

¹ Some objects are mentioned in Pendlebury's *Notes*, and further information is supplied from the Journal d'entrée of the Cairo Museum.

	,	

TEXT FIGURES

	page
1. Sketch plan of the Royal Wâdi at El-'Amarna in January 1932	7
2. Plan and longitudinal section of the reconstructed sarcophagus of Akhenaten	14
3. Crown of Nefertiti, shown on the corners of the sarcophagus of Akhenaten	15
4. Inscription on the Berlin sarcophagus fragment, Cat. 2	16
5. Sections through the sarcophagi of Akhenaten and Meketaten	30
6. Plan of the canopic chest of Akhenaten	30
7. Inscription on an alabaster bowl of Amenophis III, Cat. 368	88
8. Sections through the Brooklyn fragment of the bowl of Amenophis III, Cat. 369	89

LIST OF PLATES AND SOURCES OF PHOTOGRAPHIC ILLUSTRATIONS

- 1. Map of El-'Amarna from the Survey of Egypt. 2nd ed., 1914, repr. with corrections, 1919
- 2. Sketch-plan of the Wâdi Abû Ḥasâḥ el-Baḥri, 1931
- 3. Sketch-plan of the Wâdi Abû Ḥasâḥ el-Baḥri and the Royal Wâdi, 1931
- 4. Sketch-plan and sections of the Royal Tomb and part of the Royal Wâdi, 1931
- 5. Sketch-plan and sections of various tombs in the vicinity of the Royal Tomb, 1931
- 6. Sarcophagus of Akhenaten, Cat. 1, side A
- 7. The same, side B
- 8. The same, side C
- 9. The same, side D
- 10. Fragments of sarcophagi and lids, Cat. 3-8
- 11. The same
- 12. The same
- 13. The same
- 14. The same
- 15. The same. Sarcophagi fragments, nos. 300, 172 (Photos: CM)
- 16. Shabti inscriptions of Akhenaten
- 17. The same
- 18. The same. Shabtis of Akhenaten, Cat. 137a, 195a (Photos: P. A. Clayton), 254, 255 (Photos: CdE 45 (1965), 22-3, 26-7, figs. 5, 16)
- 19. Sarcophagus of Akhenaten, Cat. 1 (Photos: CM)
- 20. The same, detail of corner c, Cat. 2 (Photos: Staatliche Museen zu Berlin). Sarcophagi fragments, nos. 173, 299, 716 (Photos: CM)
- 21. Sarcophagus fragment, no. 218. Canopic chest, Cat. 9 (Photos: CM)
- 22. Canopic chest in course of reconstruction, Cat. 9 (Photos: EES). Lid of canopic cavity, Cat. 10 (Photos: CM)
- 23. Canopic chest fragments, Cat. 11, 13-15, 17-20 (Photos: EES), 16 (Photos: CM)
- 24. Canopic chest and alabaster fragments, Cat. 21-2, 30-2 (Photos: EES), 23-6 (Photos: CM), 27-9 (Photos: MMA)
- 25. Alabaster fragments, Cat. 33-8 (Photos: EES), 43 (Photo: CM). Shabti of Akhenaten, Cat. 53 (Photos: CM)
- 26. Shabtis of Akhenaten, Cat. 54-5 (Photos: EES), 56, 58, 61 (Photos: CM), 57, 60 (Photos: Brooklyn Mus.), 59 (Photos: MMA)
- 27. The same, Cat. 62 (Photos: MMA), 63, 65, 70 (Photos: CM), 64 (Photo: EES), 66-9, 71 (Photos: Brooklyn Mus.)
- 28. The same, Cat. 72, 76, 78-9, 82-4 (Photos: CM), 73-5, 77 (Photos: Brooklyn Mus.), 80-1 (Photos: EES)
- 29. Shabti of Akhenaten, Cat. 87 (Photos: C. D. Kelekian)

LIST OF PLATES AND SOURCES OF PHOTOGRAPHIC ILLUSTRATIONS

- 30. Shabtis of Akhenaten, Cat. 88-9 (Photos: Brooklyn Mus.)
- 31. The same, Cat. 90 (Photos: Musée du Louvre), 91-2 (Photos: Brooklyn Mus.)
- 32. The same, Cat. 93 (Photos: CM), 94 (Photos: CM and EES), 95 (Photos: RSM)
- 33. The same, Cat. 96, 98 (Photos: Brooklyn Mus.), 97, 99 (Photos: UC), 100 (Photo: BM)
- 34. The same, Cat. 101-2, 114, 121 (Photos: Brooklyn Mus.), 103 (Photo: P. A. Clayton), 104-6, 115-17 (Photos: EES), 107-8 (Photos: Ashmolean Mus.), 109-13, 118-20 (Photos: CM)
- 35. The same, Cat. 122, 134 (Photos: Brooklyn Mus.), 123, 127-9 (Photos: EES), 124-5, 130-3, 135 (Photos: CM), 126 (Photo: BM)
- 36. The same, Cat. 136, 138 (Photos: Brooklyn Mus.), 137 (Photos: Boston Mus.)
- 37. The same, Cat. 139 (Photos: Fitzwilliam Mus.), 140-2 (Photos: Brooklyn Mus.)
- 38. The same, Cat. 143, 146 (Photos: Musées Royaux d'Art et d'Histoire, Brussels), 144-5, 154 (Photos: Brooklyn Mus.), 147-52 (Photos: EES), 153 (Photo: Fitzwilliam Mus.)
- 39. The same, Cat. 155, 158, 163-4, 170-2, 174 (Photos: Brooklyn Mus.), 156-7, 159-60, 169 (Photos: CM), 161, 166 (Photos: Fitzwilliam Mus.), 162 (Photo: Ashmolean Mus.), 165 (Photo: MMA), 173 (Photo: EES)
- 40. The same, Cat. 175, 178, 189 (Photos: Brooklyn Mus.), 176, 186 (Photos: Ashmolean Mus.), 177 (Photo: EES), 179-83, 187-8 (Photos: CM), 184-5 (Photos: Fitzwilliam Mus.), 190 (Photos: MMA)
- 41. The same, Cat. 191 (Photos: MMA), 192-3 (Photos: Brooklyn Mus.)
- 42. The same, Cat. 193a (Photos: RSM), 194-5, 197-8 (Photos: Brooklyn Mus.), 196 (Photos: CM)
- 43. The same, Cat. 199-205, 207, 209 (Photos: Brooklyn Mus.), 206 (Photo: Fitzwilliam Mus.), 208 (Photo: Ashmolean Mus.), 210 (Photos: CM)
- 44. The same, Cat. 211 (Photos: UC), 212 (Photos: MMA), 213 (Photos: Sotheby & Co.)
- 45. The same, Cat. 214-16, 218 (Photos: CM), 217 (Photos: MMA)
- 46. The same, Cat. 219, 224, 231 (Photos: Fitzwilliam Mus.), 220 (Photo: Dr. M. Atzler), 221, 228, 230 (Photos: Brooklyn Mus.), 222-3, 225, 227, 232-3 (Photos: EES), 226, 229 (Photos: CM)
- 47. The same, Cat. 234 (Photo: Fitzwilliam Mus.), 235, 248-9, 251-2 (Photos: CM), 236, 238-40, 242-7, 250, 253 (Photos: EES), 237 (Photo: BM). Shabti of Nefertiti, Cat. 256 (Photo: Brooklyn Mus.)
- 48. Unfinished shabtis, Cat. 257, 259, 261-7 (Photos: Ashmolean Mus.), 258 (Photos: UC), 260 (Photos: Brooklyn Mus.)
- 49. Seal-impression, Cat. 271. Ostraca, Cat. 272 (Photo: EES), 273
- 50. Jewellery, Cat. 274-5, 279-89 (Photos: RSM), 277-8 (Photos: City of Liverpool Museums)
- 51. Jewellery, Cat. 290-1, 298-300 (Photos: RSM), 295 (Photos: CM). Scarabs, Cat. 294 (Photos: UC), 296 (Photo: EES). Faience objects, Cat. 301 (Photos: BM), 302-5 (Photos: EES)
- 52. Faience objects, Cat. 308-11, 313-14, 328-31, 338, 343-8 (Photos: EES), 332 (Photo: Dr. C. Lilyquist)
- 53. Alabaster bowl of Amenophis III, Cat. 368 (Photos: EES and CM), 369 (Photo: Brooklyn Mus.). Statue, Cat. 370 (Photos: Brooklyn Mus.). Other alabaster objects, Cat. 372-3 (Photos: EES), 374 (Photo: CM)
- 54. Stelae, Cat. 395 (Photo: EES), 397 (Photo: CM). Other limestone objects, Cat. 398 (Photo: EES), 399 (Photos: CM)
- 55. Limestone objects, Cat. 400 (Photos: EES and CM), 402 (Photo: EES). Diorite bowl of Tuthmosis III, Cat. 413 (Photo: EES)
- 56. Diorite bowl of Tuthmosis III, Cat. 413 (Photos: EES)

LIST OF PLATES AND SOURCES OF PHOTOGRAPHIC ILLUSTRATIONS

- 57. Fragments of diorite bowl of Khafre, Cat. 414 (Photos: EES). Stone objects, Cat. 415–17 (Photos: EES). Objects of wood, Cat. 440, 445 (Photos: Dr. C. Lilyquist), 441 (Photo: RSM). Gypsum object, Cat. 451 (Photo: EES)
- 58. Gypsum relief fragments, Cat. 454-5, 457-8 (Photos: Brooklyn Mus.)
- 59. The same, Cat. 456 (Photo: Brooklyn Mus.), 459 (Photo: Sir Robert Sainsbury), 460 (Photo: EES), 461 (Photo: Private Collection)
- 60. The same, Cat. 462-3, 465, 467-8 (Photos: EES), 464, 466 (Photos: Brooklyn Mus.)
- 61. The same, Cat. 469 (Photo: Sir Robert Sainsbury), 470-4 (Photos: EES)
- 62. The same, Cat. 475-6, 478 (Photos: EES), 477 (Photo: Brooklyn Mus.), 479 (Photo: CM)
- 63. Miscellaneous unidentified fragments, Cat. 483 (Photos: EES)

		,

ACKNOWLEDGEMENTS

IT is a pleasure to thank the undermentioned curators and other scholars and private collectors who have given permission to publish material in this volume or who have provided information: the Visitors of the Ashmolean Museum, Oxford, Dr. M. Atzler, Dr. J.-F. Aubert, the Trustees of the British Museum, Mr. P. A. Clayton, Mr. J. D. Cooney, Dr. I. E. S. Edwards, the Syndics of the Fitzwilliam Museum, Cambridge, Mr. C. D. Kelekian, Dr. J. Málek, Mrs. D. Maudslay, Dr. A. Mekhitarian, Dr. P. R. S. Moorey, Dr. habil. W. Müller, Mr. R. V. Nicholls, Mme C. Desroches-Noblecourt, Sir Robert and Lady Sainsbury, Miss N. C. Scott, the late Mr. S. R. Sherman, Prof. W. K. Simpson, Dr. D. M. Slow, Prof. H. S. Smith, Dr. E. L. B. Terrace, Dr. K. R. Weeks, Dr. C. de Wit. Dr. C. Lilyquist kindly photographed certain objects in the Cairo Museum.

The warmest thanks are due to Mr. Cyril Aldred and Mr. Bernard V. Bothmer, both of whom have gone to a great deal of trouble to provide information and photographs. In connection with photographs generously taken by Mr. Bothmer and given through the courtesy of The Brooklyn Museum, the author would like to mention the work of Miss Biri Fay. Professor H. W. Fairman has provided some valuable clues to the work carried out by the Egypt Exploration Society's two expeditions to the Royal Wâdi, of which he and Mr. Hilary Waddington are the two surviving members. By great good fortune Mr. Waddington had preserved the only known copies of his preliminary sketch-plans of the Main Wâdi, Royal Wâdi, and Royal Tomb, and of certain other tombs in the vicinity, made in 1931. With Mr. Waddington's permission these are all reproduced in this volume in their original form, with only very minor additions, pending further work in the area. Mr. T. G. H. James and Mr. A. F. Shore gave valued support when the plan for this publication was originally mooted. Mr. James has given the author much sound advice and unstinted practical help on the editorial side. Gratitude is expressed to Prof. J. R. Harris too for the encouragement he has given this work on the Royal Tomb, for generously reading the proofs, and for suggesting some improvements. Nothing would have been achieved in Cairo without the co-operation of H.E. Dr. Gamal Mukhtar, Dr. Henry Riad, Dr. Abd el-Qader Selim, and Mr. Alv el-Khouli.

A special debt of gratitude for generous financial help is owed to the Allocators of Sir Alan Gardiner's Settlement for Egyptological Purposes, the British Academy, the Master and Fellows of Christ's College, Cambridge (from the Budge Fund), and Mr. George L. Brown. Mr. Brown's enthusiasm for the 'Amarna Period has been a source of great encouragement to the author, who is also indebted to him for scouring the museums of North America for objects from the 'Amarna Royal Tomb.

Miss Joan Pendlebury has kindly allowed this volume to be dedicated to the memory of her father, whose work did so much to illuminate a baffling if intriguing period of Egyptian history, and of her mother, whose kindness and hospitality in Cambridge in the initial stages of the work will long be remembered by the author.

The inking of the drawings of the reconstructed sarcophagus and sarcophagi fragments was carried out by Miss A. Tuckwell and Mr. G. A. Denning.

Finally, a tribute must be paid to the skill and care of the printers and readers of the Oxford University Press in the production of this volume.

ABBREVIATIONS AND JOURNALS CITED

Am. Res. Center in Egypt. Newsletter American Research Center in Egypt. Newsletter. Cairo, 1951– ASAE Annales du Service des Antiquités de l'Égypte. Cairo, 1900–

BM British Museum

BMFA Bulletin of the Museum of Fine Arts. Boston, 1903-

BMMA Bulletin of the Metropolitan Museum of Art. New York, 1905-

Bouriant, Atonou Bouriant-Legrain-Jéquier, Monuments pour servir à l'étude du culte d'Atonou en

Égypte

Brooklyn Mus. Bull. Brooklyn Museum Bulletin. Brooklyn, 1939–1960
Bull. Hist. Med. Bulletin of the History of Medicine. Baltimore, 1939–

Bull. des Musées Royaux Bulletin des Musées Royaux. Brussels, 1902-

CAH Cambridge Ancient History

Cat. Catalogue

CCG Catalogue général des antiquités égyptiennes du Musée du Caire

CdE Chronique d'Égypte. Brussels, 1925-

Christ's College Magazine. Cambridge, 1886-

CM Cairo Museum

COA Peet-Woolley-Frankfort-Pendlebury, City of Akhenaten

EEF Egypt Exploration Fund EES Egypt Exploration Society

fr. fragment ht. height

JdE Journal d'entrée: accessions register of the Egyptian Museum, Cairo

JEA Journal of Egyptian Archaeology. London, 1914– JNES Journal of Near Eastern Studies. Chicago, 1942–

Medelhavsmuseet Bull. Bulletin of the Museum of Mediterranean and Near Eastern Antiquities—Medelhavs-

museet. Stockholm, 1961-

MIFAO Mémoires publiés par les membres de l'Institut français d'archéologie orientale du Caire

MMA Metropolitan Museum of Art, New York

n. note

PM Porter-Moss, Topographical bibliography of Ancient Egyptian hieroglyphic texts,

reliefs and paintings

PSBA Proceedings of the Society of Biblical Archaeology. London, 1878–1918

RdE Revue d'Égyptologie. Paris, 1933-

Rend. della Reale Accad. dei Lincei Rendiconti della Reale Accademia dei Lincei. Classe di Scienze Morali, Storiche e

Filologiche. Rome, 1892-1940

RSM Royal Scottish Museum, Edinburgh

RT Recueil de Travaux. Paris, 1870–1923

RTA Davies, The rock tombs of El Amarna

RW Royal Wâdi

Spec. Reg. Special Register of the Egyptian Museum, Cairo Temp. Temporary Register of the Egyptian Museum, Cairo

UC University College London

Wb. Erman-Grapow, Wörterbuch der aegyptischen Sprache
ZÄS Zeitschrift für Ägyptische Sprache. Leipzig-Berlin, 1863-