

Table of Contents

Bibliography	ix
List of figures	xviii
List of tables	xxxi
List of charts	xxxii
List of plates	xxxiii
1. Introduction (M. Bártá – F. Coppens – H. Vymazalová)	1
2. The tomb of Hetepi (AS 20)	3
2.1 The name and titles of Hetepi (M. Bártá)	3
2.1.1 Name	3
2.1.2 Titles	3
2.1.3 Family members of Hetepi	5
2.1.4 Attendants	5
2.2 Architecture (M. Bártá)	6
2.2.1 Superstructure	6
2.2.2 Substructure	12
2.3 Decoration (M. Bártá)	18
2.3.1 Northern wing façade	18
2.3.2 Southern wing façade	21
2.3.3 Colour conventions	23
2.4 Finds (M. Bártá)	24
2.5 Pottery (K. Arias Kytnarová)	25
2.5.1 Archaeological context	26
2.5.2 The pottery assemblage	27
2.5.2.1 Jars	27
2.5.2.1.1 Beer jars	27
2.5.2.1.2 Other jars	32
2.5.2.2 Bowls	34
2.5.2.2.1 Bowls with inner ledge	34
2.5.2.2.2 Meidum bowls	36
2.5.2.2.3 Other bowls	39
2.5.2.3 Miniature vessels	41
2.5.2.4 Other pottery	46
2.5.3 Chronological implications of the pottery finds	46
2.5.4 Conclusions	47
2.6 Conservation treatment of decoration (M. Dvořák)	48
2.6.1 The Present State of Hetepi's Tomb	48
2.6.2 The Actual Conservation Treatment	49
2.7 Conclusions (M. Bártá)	52
2.7.1 Architecture	52
2.7.2 Decoration	55
2.7.3 Titles and personal names	56
2.7.4 Date of the tomb	56
3. Tomb AS 33	57
3.1 Architecture (M. Bártá)	57
3.1.1 Superstructure	57
3.1.2 Substructure	65
3.1.3 Later modifications to the tomb	77
3.2 Finds (M. Bártá)	81
3.3 Pottery (K. Arias Kytnarová)	82

3.3.1 Archaeological context	82
3.3.2 The pottery assemblage	84
3.3.2.1 Jars	84
3.3.2.1.1 Beer jars	85
3.3.2.1.2 Other jars	91
3.3.2.2 Bowls	95
3.3.2.2.1 Meidum bowls and bent-sided bowls	95
3.3.2.2.2 Other bowls	99
3.3.2.3 Stands	104
3.3.2.4 Bread forms	105
3.3.3 Conclusions	107
3.4 Stone vessels (P. Maříková Vlčková)	108
3.4.1 Archaeological context of the stone vessel assemblage	108
3.4.2 General description of the assemblage	109
3.4.3 Catalogue of the finds	109
3.4.3.1 Catalogue of completely or partly preserved stone vessels	111
3.4.3.2 Catalogue of non-attributable fragments of the stone vessels	135
3.4.4 Typology of the stone vessels assemblage	140
3.4.4.1 Closed forms	141
3.4.4.1.1 Storage jars	141
3.4.4.1.2 Miniature jars	143
3.4.4.2 Open forms	144
3.4.4.2.1 Beakers	144
3.4.4.2.2 Bowls / plates / trays	144
3.4.5 Chronological implication	148
3.5 Petrology of stone vessels – its provenance and significance (V. Čílek, M. Lang)	150
3.5.1 Introduction	150
3.5.2 Basic Rock Types	150
3.5.2.1 Egyptian Alabaster	152
3.5.2.2 Limestone, Marble and other Carbonates	153
3.5.2.3 Red Breccia	154
3.5.2.4 Anorthosite – Light Types	154
3.5.2.5 Anorthosite – Dark Types	155
3.5.2.6 Metadiorite	156
3.5.2.7 Gabbro	157
3.5.2.8 Garnet Quartzite	157
3.5.2.9 Metagreywacke	157
3.5.3 Conclusions	157
3.6 Animal bones (Z. Šůrová)	159
3.6.1 Animal Husbandry in Ancient Egypt	159
3.6.2 Methods	159
3.6.3 Features	160
3.6.4 Feature Comparison	169
3.6.5 Animal Size	170
3.6.6 Animal Age	174
3.6.7 Composition of the Anatomical Parts of Cattle	174
3.6.8 Pathology	178
3.6.9 Taphonomic Characteristics	178
3.6.10 Function of features	179
3.6.11 Conclusion	179
3.7 Conclusions (M. Bártá)	181
4. The eastern group of tombs (AS 34–35 and 50–53)	183
4.1 The tomb of Iymery (AS 34) (H. Vymazalová – F. Coppens)	184
4.1.1 The name and titles of the tomb owner (H. Vymazalová)	185
4.1.1.1 The name Iymery	185

4.1.1.2 <i>The titles of Iymery</i>	186
4.1.2 Architecture of the tomb of Iymery (F. Coppens – H. Vymazalová)	189
4.1.2.1 <i>Superstructure</i>	189
4.1.2.2 <i>Substructure</i>	198
4.1.3 Builders' inscriptions in the tomb of Iymery (H. Vymazalová)	201
4.2 The surrounding tombs of unknown owners: AS 35 and AS 50–53 (H. Vymazalová – F. Coppens – L. Varadzin)	205
4.2.1 Tomb AS 35	205
4.2.1.1 <i>Superstructure</i>	206
4.2.1.2 <i>Substructure</i>	213
4.2.2 Tomb AS 50	217
4.2.2.1 <i>The mud-brick wall to the east of AS 50</i>	219
4.2.3 Tomb AS 51	221
4.2.3.1 <i>Superstructure</i>	223
4.2.3.2 <i>Substructure</i>	232
4.2.4 Tomb AS 52	240
4.2.4.1 <i>Superstructure</i>	240
4.2.4.2 <i>Substructure</i>	243
4.2.5 The destroyed tomb AS 53	257
4.2.6 Secondary burials and deposits	267
4.3 Finds (H. Vymazalová – F. Coppens)	273
4.3.1 Stone objects	273
4.3.2 Wooden objects	276
4.3.3 Varia	277
4.4 Pottery from the eastern group of tombs (AS 34–35 and 50–53) (K. Arias Kytnarová)	278
4.4.1 Archaeological context of the pottery finds	278
4.4.1.1 <i>The tomb of Iymery (AS 34)</i>	278
4.4.1.2 Tomb AS 35	279
4.4.1.3 Tomb AS 50	280
4.4.1.4 Tomb AS 51	280
4.4.1.5 Tomb AS 52	292
4.4.1.6 Tomb AS 53	301
4.4.1.7 <i>Late Period burials and deposits</i>	302
4.4.2 Area trends	304
4.4.3 Spatial distribution of the pottery	305
4.4.3.1 <i>Burial shafts</i>	305
4.4.3.2 <i>Pottery from the corridors</i>	306
4.4.4 Conclusions	307
4.4.5 List of pottery finds from the eastern group of mastabas (AS 34–35 and AS 50–53)	308
4.5 Human skeletal remains (P. Malá)	318
4.5.1 Methods	318
4.5.2 Osteological description of Old Kingdom skeletons	319
4.5.2.1 <i>Mastaba AS 35</i>	319
4.5.2.2 <i>Mastaba AS 51</i>	319
4.5.2.3 <i>Mastaba AS 52</i>	322
4.5.2.4 <i>Mastaba AS 53</i>	327
4.5.3 Osteological description of the Late Period – Ptolemaic secondary burials	331
4.5.4 Conclusion	332
4.6 Animal bones (Z. Sůnová)	334
4.6.1 Animals and funeral areas in Ancient Egypt	334
4.6.2 Methods	334

- 4.6.3 Particular contexts from the Old Kingdom 335
 - 4.6.3.1 *Mastaba AS 34* 335
 - 4.6.3.2 *Mastaba AS 35* 335
 - 4.6.3.3 *Mastaba AS 53* 339
 - 4.6.4 Particular contexts from the Late Period – Ptolemaic era 339
 - 4.6.5 Particular context with date unknown 350
 - 4.6.6 Animal age 350
 - 4.6.7 Animal sex 351
 - 4.6.8 Animal size 351
 - 4.6.9 Osteopathology 351
 - 4.6.10 Taphonomy 351
 - 4.6.11 Types of contexts 352
 - 4.6.12 Conclusion 352
- 4.7 Organic materials (A. Pokorná – P. Pokorný – A. Bezděk – J. Háva – J. Novák – H. Březinová) 354
- 4.7.1 Plant remains from the eastern group of mastabas (A. Pokorná, P. Pokorný) 354
 - 4.7.1.1 *Plant remains from AS 53* 354
 - 4.7.1.2 *Plant remains from a Late Period (?) secondary burial* 354
 - 4.7.2 Pollen analysis of finds from the eastern group of mastabas (A. Pokorná, P. Pokorný) 355
 - 4.7.3 Determination of insect fragments from mastaba AS 53 (A. Bezděk, J. Háva) 356
 - 4.7.4 Xylotomical analysis of samples from the eastern group of mastabas (J. Novák) 356
 - 4.7.4.1 *Methodology* 357
 - 4.7.4.2 *Old Kingdom* 357
 - 4.7.4.3 *Late Period – Ptolemaic era* 357
 - 4.7.4.4 *Discussion and conclusion* 358
 - 4.7.5 Textile fragments from the eastern group of mastabas (H. Březinová) 358
 - 4.7.5.1 *Methodology* 358
 - 4.7.5.2 *Old Kingdom* 360
 - 4.7.5.3 *Late Period – Ptolemaic era* 360
- 4.8 The eastern group of lesser tombs: a middle class cemetery in South Abusir (H. Vymazalová – F. Coppens – L. Varadzin) 364
 - 4.8.1 The date and development of the eastern group of tombs 364
 - 4.8.2 Burial customs 368
 - 4.8.3 Conclusion 368
- Appendix. Several notes on the Abusir South pottery classification
(K. Arias Kytnarová) 370
- Indexes 419
- 1. Sites 419
 - 2. Kings and queens 419
 - 3. Gods 419
 - 4. Individuals 419
 - 5. Titles 420
 - 6. Egyptian terms 420
 - 7. Tombs 420
 - 8. Fauna 421
 - 9. Flora 422
 - 10. Stone materials 422
 - 11. Varia 422