

List of figures

Illustrations

II. 1.	Map: Location of Saqqara at the border of Lower Egypt (the Nile Delta) and Middle Egypt (the Nile Valley).	18
II. 2.	Plan: Saqqara around the pyramid of Djoser.	22
II. 3.	Area of Polish excavations on the western side of the pyramid.	103
II. 4.	Location of three initial trial pits in the area studied geophysically in 1987 on the western side of Djoser's pyramid.	104
II. 5.	Reconstruction of the façade of Merefnebef's mastaba.	140
II. 6.	E-W section of the excavation area: from Djoser's pyramid in the east to the 'Dry Moat' in the west.	174
II. 7.	Plan (a) and vertical section (b) through a collective tomb hewn into rock.	177
II. 8.	Sixth Dynasty burial shaft.	180
II. 9.	Burial shaft from the final phase of the Old Kingdom.	181
II. 10–11.	Joint underground structures (burial shafts and chambers) from the Sixth Dynasty.	184
II. 12.	Burial chamber with reed coffin.	187
II. 13.	Reed coffin in the undergrounds of a Sixth Dynasty mastaba.	188
II. 14.	Reed coffin: three phases of exploration.	188
II. 15.	Technique of joining reed sheaves forming the walls of the coffin.	189
II. 16.	Plan and vertical section through the corridor and crypt, i.e. the underground part of the sanctuary that was probably a cult place dedicated to Osiris.	198
II. 17.	Drawings of one of the wooden figurines found in the burial chamber of a nobleman named Ni-Pepi, cf. Figs. 76–78.	211
II. 18.	Plants burnt on the offering pile in the summer (a) and in the winter (b).	234
II. 19.	Different shapes of beer jars from the Old Kingdom necropolis in Saqqara.	235
II. 20.	Various shapes of the moulds for baking bread from the Old Kingdom necropolis in Saqqara.	236
II. 21.	The relief from the tomb of a nobleman named Debeheni (Fifth Dynasty) in Giza, depicting the funeral rituals by the mastaba.	238

II. 22.	Plan of the tombs belonging to Merefnebef and Nyankhnefertum.	257
II. 23–24.	Left and right epaulettes from the cartonnage of a mummy. Ptolemaic Period. Cf. Figs. 167–171.	355
II. 25.	Fragment of a cartonnage: necklace with a panel depicting two pharaohs.	361
II. 26.	A king giving offerings to Osiris: scene on a fragmentary cartonnage decorating the feet.	362
II. 27.	The main directions for further excavations have been marked in blue: the brick platform by the recessed wall encircling the pyramid (to the right) and the ‘Dry Moat’ (to the left).	399
II. 28.	Section through the underground structures within the ‘blind tomb,’ cf. Figs. 183–187.	403
II. 29.	Vertical section through the upper part of the shaft adjacent to the west wall of General Ichi-Meri’s cult chapel, cf. Fig. 191.	413
II. 30.	E-W section through the general’s tomb after uncovering the architrave above the entrance to the lower tomb.	422
II. 31:	Next step in the exploration of the double tomb. Upper and lower cult chapels.	424

Photographs

Fig. 1.	Western side of Djoser’s pyramid: area before Polish excavations.	19
Fig. 2.	Between Djoser’s pyramid and the ‘Dry Moat:’ the same area after Polish excavations (2010), cf. II. 6.	20
Fig. 3.	Quarry terraces left after exploitation during the construction of Djoser’s pyramid – photograph of the model.	20
Fig. 4.	Façade of Vizier Merefnebef’s funerary chapel (early Sixth Dynasty).	21
Fig. 5.	Corridor in a collective tomb from the final phase of the Old Kingdom, hewn into the eastern wall of the ‘Dry Moat.’	21
Fig. 6.	Polish-French excavations in Edfu (1937–1939). Professor Kazimierz Michałowski, director of the mission, with the French Egyptologist Jean Sainte Fare Garnot and Polish historian Jerzy Manteuffel next to Tell Edfu Hill.	53

Fig. 7.	Polish excavations in Faras (Sudan). Professor Kazimierz Michałowski supervising the removal of paintings from the cathedral walls.	56
Fig. 8.	<i>Saint Anna</i> . Painting from the Faras Cathedral, currently in the National Museum in Warsaw.	56
Fig. 9.	Rescue excavations at Tell Atrib (Nile Delta). Ruins of ancient Athribis from the Ptolemaic period.	65
Fig. 10.	Head of a marble Aphrodite figurine found in a sculptor's workshop from the early Ptolemaic period (the third century BC) in Athribis (modern-day Tell Atrib).	67
Fig. 11.	Golden earring from goldsmith's workshop in Ptolemaic Athribis (the third century BC).	67
Fig. 12.	Terracotta votive figurine from a coroplast's workshop in Ptolemaic Athribis (the second century BC).	68
Fig. 13.	Alexandria. Ruins of the 'theatre' in the centre of the city after it was discovered by the Polish archaeological mission. .	72
Fig. 14.	The same building currently.	73
Fig. 15.	The Late Antique university with the 'theatre' as an aula.	74
Fig. 16.	Anastylosis of the colonnade in the ancient public bath complex near the university (Fig. 15).	74
Fig. 17.	Underground and aboveground part of the late Antique baths.	75
Fig. 18.	Marina el-Alamein. Tombstones in the necropolis from the Hellenistic and Roman periods, discovered and reconstructed by the Polish archaeological mission.	76
Fig. 19.	Naqlun. Chest with Arabic inscription, made in Sicily, reworked in Egypt. Currently in the Museum of Islamic Art in Cairo. Twelfth century AD.	77
Fig. 20.	Gurna (Western Thebes). Coptic manuscript found in a tomb from pharaonic times, later inhabited by a Christian monk (the ninth to the tenth century AD).	78
Fig. 21.	Marea. The apse of the basilica constructed on the ruins of an earlier (the second or third century AD) pottery kiln. ...	79
Fig. 22.	Marea. An ostrakon with a text in Greek concerning the pay of labourers who worked on the construction of the basilica (probably the fifth to the sixth centuries AD), before and after conservation.	79
Fig. 23.	Polish excavations in Dongola (Sudanese Nubia).	80
Fig. 24.	Medieval church in Banganarti (Sudanese Nubia) discovered by the Polish archaeological mission.	81
Fig. 25.	Deir el-Bahari (Western Thebes). A complex of temples including the terraced temple of the female pharaoh	

	Hatshepsut (in the foreground) and the ruins of the Temple of Thothmes III (adjacent to the latter).	82
Fig. 26.	Deir el-Bahari. Fragment of the wall decoration from the temple of the pharaoh Thothmes III.	83
Fig. 27.	Statue of Thothmes III from his temple discovered by the Polish archaeological mission at Deir el-Bahari.	84
Fig. 28.	Deir el-Bahari. Façade of the temple of Hatshepsut; Osirian pillars.	85
Fig. 29.	Tell el-Farkha (Nile Delta). Excavations by the Polish archaeological mission in an important centre of power from the beginnings of Egyptian statehood.	89
Fig. 30.	Tell el-Farkha. Image of a local ruler, made from gold foil, which was the cladding of a figurine from the Late Predynastic period.	90
Fig. 31.	Gold foil modelled into the image of a ruler or his son, similarly as Fig. 30.	91
Fig. 32.	Tell el-Farkha. Clay vessel containing a deposit of miniature votive figurines, <i>in situ</i>	91
Fig. 33.	Representation of animals carved into the surface of the vessel (Fig. 32).	92
Fig. 34.	Assemblage of unique figurines made in majority from hippopotamus teeth, found in the vessel.	92
Fig. 35.	Burial from the Ptolemaic period in the courtyard of Merefnebef's tomb: a mummy shrouded in a cartonnage inside a clay coffin.	109
Fig. 36.	Torso of the mummy (Fig. 35) with a beard in the shape characteristic for Egyptian deities.	110
Fig. 37.	A pair of wooden coffins from the Ptolemaic period, deposited in a layer of sand on a rock surface.	111
Fig. 38.	Detail of Fig. 37.	112
Fig. 39.	Cartonnage from the beginnings of the Ptolemaic period found in an anthropoid-shaped rocky hollow in the courtyard of Merefnebef's tomb. A winged solar disc on the jaw of the mask.	113
Fig. 40.	Profile of the wall of the anthropoid-shaped hollow (Fig. 39) with multi-layered pugging containing the remains of offerings burnt in the courtyard of the tomb from the Old Kingdom.	113
Fig. 41.	Fragment of polychromed reliefs decorating the eastern wall of the façade in the cult chapel of Vizier Merefnebef. ..	121
Fig. 42.	Portrait of the vizier in sunken relief on the northern wall of the façade.	122

Fig. 43.	Interior of the vizier's cult chapel: west wall with two 'false doors.'	125
Fig. 44.	Decoration of the east wall in the vizier's cult chapel: wild bird fowling scene (original decoration) and fishery scene (added later after original relief had crumbled away).	126
Fig. 45.	Procession of offering bearers depicted on the western wall of Vizier Merefnebef's funerary chapel.	129
Fig. 46.	Tragedy of kingfisher chicks being raped out of their nest by a genet-fowling scene (Fig. 44) detail.	134
Fig. 47.	Naturalistic modelling of animals in the hunting scene; detail from Figs.44 and 46.	135
Fig. 48.	Butterfly (<i>Danaus chrysippus chrysippus</i>) in a papyrus thicket-fowling scene detail.	135
Fig. 49.	Egyptian goose; fowling scene detail.	136
Fig. 50.	Still life, a pile of offerings made during rituals. Polichrome relief in the vizier's funerary chapel.	136
Fig. 51.	Portrait of Merefnebef and one of his four wives in the banquet scene on the south wall of the cult chapel.	137
Fig. 52.	Performers in an acrobatic dance before the tomb owner: banquet scene detail.	138
Fig. 53.	Female harpist quartet in the banquet scene.	139
Fig. 54.	Dog and monkey – the vizier's favourite pets under his throne.	139
Fig. 55.	North wall of the doorway in the vizier's tomb chapel with the representations of his two sons. Fragment of inscription above Merefnebef's head that had been erased by iconoclasts.	154
Fig. 56.	South wall of the doorway with the erased representation and inscription of the eldest son and the unscathed figure of a young man bearing one of his father's names, Fefi.	155
Fig. 57.	Fragment of inscription in the doorway leading to the vizier's funerary chapel that was erased by iconoclasts. North wall.	156
Fig. 58.	Damaged and secondarily inscribed part of hieroglyphic text, identical as in Fig. 57, located on south wall (cf. Fig. 56).	157
Fig. 59.	Tomb owner in the company of one of his four wives and eldest son, whose representation has been hammered off the wall. West wall in the vizier's funerary chapel.	165
Fig. 60.	Architrave from Merefnebef's eastern cult chapel, erected at the east wall of his brick mastaba after the vizier's death.	167
Fig. 61.	Profile of the stone foundations below the recessed wall encircling the <i>temenos</i> of Djoser's pyramid, with	

	the remains of a monumental earlier building (Second Dynasty?), on top of which this wall was founded.	173
Fig. 62.	A conglomerate of Old Kingdom burial shafts hewn out into the rock and anthropoid-shaped hollows for mummies from the Ptolemaic period.	175
Fig. 63.	Unfinished limestone sarcophagus in the burial chamber of a nobleman from the final phase of the Old Kingdom.	183
Fig. 64.	Lid of unfinished sarcophagus (Fig. 63) inserted provisionally into a 'drawer' hewn out into rock.	183
Fig. 65.	Reed coffin in a Sixth Dynasty burial chamber. The remains of a burial left behind by looters.	189
Fig. 66.	Human skeleton in a reed coffin. Final phase of the Old Kingdom.	190
Fig. 67.	Texture of reed coffin walls.	190
Fig. 68.	A live architect inside a coffin: the only position enabling precise recording of a burial chamber. A mask covers Beata Błaszczuk's face.	191
Fig. 69.	East wall of the 'Dry Moat.' In the foreground of the entrance to a corridor ending in a crypt.	194
Fig. 70.	Exploration of the corridor leading to a crypt.	194
Fig. 71.	Wild animal skeleton deposit on the surface of the backfill in the crypt (Fig. 70).	195
Fig. 72.	Ritual harpoon underneath the animal bone deposit in the crypt (Fig. 71).	196
Fig. 73.	Front part of the harpoon and its sheath (Fig. 72).	197
Fig. 74.	Back part of the harpoon and its sheath.	197
Fig. 75.	Bas-relief depicting a snake poised to attack, on both lateral sides of the harpoon.	197
Fig. 76.	Wooden figurine of a man from the funerary outfit of a dignitary named Ni-Pepi (end of the Sixth Dynasty).	210
Fig. 77.	Figurine with naturalistic facial features found in Ni-Pepi's burial chamber.	212
Fig. 78.	Head of figurine (Fig. 76) with idealised facial features.	213
Fig. 79.	Set of miniature metal vessels from Ni-Pepi's burial chamber.	213
Fig. 80.	Miniature vessels (Fig. 79) after conservation.	214
Fig. 81.	Set of miniature tools from Ni-Pepi's burial chamber.	214
Fig. 82.	Miniature limestone models from Ni-Pepi's burial chamber.	215
Fig. 83.	Ritual pottery from Merefnebef's tomb in front of the 'false door' in his cult chapel.	220
Fig. 84.	Set of pottery vessels for the ritual washing of the hands, from the Old Kingdom necropolis in Saqqara.	247

Fig. 85.	Set of clay jugs and bread-baking moulds from Old Kingdom tombs in Saqqara, cf. Ils. 19–20.	247
Fig. 86.	Amphora imported from the Greek island of Samos, used secondarily for ritual purposes in one of the Ptolemaic period tombs in Saqqara.	249
Fig. 87.	Stamp on the amphora's handle (Fig. 86).	250
Fig. 88.	Remains of brick walls of Merefnebef and Nyankhnefertum's mastabas with traces of the wall linking their eastern faces.	254
Fig. 89.	Only the patience of an archaeologist and anthropologist can save the anonymous inhabitants of the necropolis from being forgotten.	256
Fig. 90.	Reaching into the depths of knowledge also requires one to be physically fit.	256
Fig. 91.	Courtyard linking the cult chapels in Nyankhnefertum's tomb complex, cf. Il. 22.	268
Fig. 92.	Façade of Nyankhnefertum's cult chapel; the tip of Djoser's pyramid visible in the background.	269
Fig. 93.	Interior of Nyankhnefertum's cult chapel at the moment of discovery. View of the collapsed north wall.	269
Fig. 94.	The same spot following archaeological exploration.	270
Fig. 95.	Nyankhnefertum's (= Temi's) funerary chapel. The central scene on the east wall.	270
Fig. 96.	Eightfold representation of the deceased on the chapel's east wall. Northern part.	271
Fig. 97.	Southern part of the scene.	271
Fig. 98.	Temi in the company of two of his sons. Southern segment of east wall.	272
Fig. 99.	The tomb owner with his eldest son. Relief ending the northern sequence of scenes on the east wall.	272
Fig. 100.	North-west corner of Nyankhnefertum's cult chapel. Polychrome 'false door' and offering table in front.	273
Fig. 101.	Polychrome reliefs decorating the northern part of the west wall. Scenes depicting offering table and slaughterhouse.	274
Figs. 102–103.	Polychrome reliefs decorating the northern part of the west wall. Frieze of ritual vessels.	275
Fig. 104.	Frieze of ritual vessels in offering table scene. Relief details (Fig. 101).	276
Fig. 105.	The eldest son of the deceased in front of the offering pile. Relief detail.	276
Fig. 106.	Taking out oxen entrails. Episode in slaughter scene.	277
Fig. 107.	Cutting off the haunch and its transport. Second episode of slaughter scene.	277

Fig. 108. Cartouche with the name of Pharaoh Unis on the ‘false door’ (Fig. 100).	279
Fig. 109. Another cartouche with the name of Pharaoh Unis on the ‘false door’ (Fig. 100).	280
Figs. 110–120. Various epigraphic versions of the hieroglyph <i>her</i> in the inscriptions on the walls of Nyankhnefertum’s cult chapel.	282
Figs. 121–131. The hieroglyph <i>m</i> , i.e. a representation of an owl, in various epigraphic versions of this tomb.	283
Figs. 132–134. The name of the god Osiris with an anthropomorphic determinative with yellow skin. Epigraphic rarity.	284
Fig. 135. Double ‘false door’ spanning the southern part of the west wall. Nyankhnefertum’s cult chapel.	287
Fig. 136. Northern part of double ‘false door’ sculpted on the west wall of Temi’s chapel.	288
Fig. 137. Temi with his eldest son. Relief in the southern part of the double ‘false doors.’	289
Fig. 138. Temi with his wife. Relief on one of the doorjambs in the southern part of the double ‘false door.’	290
Fig. 139. The same couple (Fig. 138) in a large-sized scene on the south wall of Temi’s chapel.	291
Fig. 140. A papyrus boat carrying birds as an offering for the deceased. The upper register of the scene in front of the couple seated on a throne (Fig. 139).	295
Fig. 141. Second boat with a similar load.	295
Fig. 142. Two daughters and probably one of his sons offering the deceased an armful of lotus flowers. Middle register of scene in front of couple seated on a throne (Fig. 139).	296
Fig. 143. Live pets of the tomb owner: a dog and a monkey. Fragment of the relief in the bottom register of the scene on the south wall (Fig. 139).	296
Figs. 144–145. Fragments of sketches in the decoration on the south wall in Nyankhnefertum’s cult chapel: a) a rower’s head; b) geese in a cage.	297
Fig. 146. Nyankhnefertum with his two youngest sons. One of the segments of the ‘family panorama’ in relief on the east wall.	304
Fig. 147. Fragment of scene (Fig. 95) with a re-carved representation of one of the sons.	309
Fig. 148–149. The bearers of holy oils and secondary inscriptions identifying them as the tomb owner’s sons. Relief adjacent to the ‘false door’ on the west wall.	310

Fig. 150.	Representations of the tomb owner and his names in the northern segment of the double ‘false door’ (Figs. 135–136).	318
Fig. 151.	Portrait of Nyankhnefertum sculpted in the northern segment of the ‘false door’ by a master sculptor (Fig. 150). .	319
Fig. 152.	‘Portrait’ of tomb owner done by apprentice stoneworker (Fig. 150).	320
Fig. 153.	Fragment of the procession of offering bearers in the bottom register of scenes on the north wall of Temi’s chapel (Figs. 93–94): individual labelled as Mereri, in the inscription added later using red paint.	321
Fig. 154.	Another person from this procession, an individual named Nefer. His name written using the bas relief technique contrasts with the palaeography of his companions’ names, hieroglyphs carved in sunken relief.	322
Fig. 155.	Obscene stylisation of a hieroglyph in the inscription carved onto the ‘false door’ by an apprentice stoneworker: the representation of a sled (the sign <i>tem</i>) shaped as a phallus (the sign <i>met</i>).	322
Fig. 156.	Evidence of the activities of the apprentices-jokesters in the façade of Nyankhnefertum’s cult chapel: re-carved hieroglyph <i>tem</i> (a sled) in the tomb owner’s name.	323
Fig. 157.	The junction of two inscribed architraves at the meeting point of two adjacent chapels: one belonging to Temi and the other to his eldest son (?) (Il. 22).	324
Fig. 158.	The façade of Temi’s chapel, northern part. Underneath the architrave, the anepigraphic part of the wall is visible, with the remains of plaster prepared for the unexecuted decoration.	325
Fig. 159.	Archaeologists unearthing the skeleton burials in the Upper Necropolis before recording them.	332
Fig. 160.	Mummy in a cartonnage (early Ptolemaic period) ‘sitting’ on the edge of a 2000-year earlier tomb.	337
Fig. 161.	Decoration of mummy cartonnage (Fig. 160).	338
Fig. 162.	Fragment of cartonnage (Fig. 160): segment decorating the legs.	339
Fig. 163.	Chest for the mummy’s feet.	340
Fig. 164.	Sandals seen from underneath (the soles): painting on the chest (Fig. 160).	340
Fig. 165.	Burial from Ptolemaic period with funerary equipment <i>in situ</i> : canopic chest and figurine of Ptah-Sokar-Osiris.	341
Figs. 166–167.	Two faces of the canopic chest (Fig. 165).	342
Fig. 168.	Figurine of Ptah-Sokar-Osiris (Fig. 165).	343

Fig. 169.	Cartonnage mummy epaulette <i>in situ</i>	356
Figs. 170–171.	Painting on the epaulettes, cf. Il. 23–24.	357
Fig. 172.	Fragment of mummy: plaques with representation of Anubis on the feet of the deceased.	358
Fig. 173.	Anubis (detail of Fig. 172).	359
Fig. 174.	Documentation work at a coffin from the Ptolemaic period in the field laboratory adjacent to the vizier’s cult chapel.	359
Fig. 175.	‘Offering list’ on the west wall of Merefnebef’s cult chapel. .	368
Fig. 176.	Plaque inserted by the decorators of the vizier’s tomb into the crumbled part of the façade.	371
Fig. 177.	Fragment of the destroyed inscription carved in deep relief in the northern part of the façade in the vizier’s cult chapel (Fig. 176).	372
Fig. 178.	Fragment of cartonnage from the Ptolemaic period at the moment of its discovery.	373
Fig. 179.	Conservators at work on the cartonnage (Fig. 178).	373
Fig. 180.	Cartonnage (Fig. 178) after conservation.	374
Fig. 181.	Underground workshop of the archaeologists and conservators.	375
Fig. 182.	“To be or not to be.” Zbigniew Godziejewski in the role of Hamlet.	375
Fig. 183.	Old Kingdom tombs overlaid with a brick platform during the New Kingdom. View from the south, cf. Il. 28. ...	394
Fig. 184.	Entrance into the Old Kingdom ‘false tomb.’ View from the north.	397
Fig. 185.	Frontal wall of the ‘false tomb’ (bottom level) and the northern edge of the brick platform (top level) on the E-W axis of Djoser’s pyramid (visible in the background). View from the west.	398
Fig. 186.	Structures from the Old Kingdom (bottom level) and the New Kingdom (top level) (Fig. 185) on the pyramid’s axis. View from the north-west.	401
Fig. 187.	‘Blind’ ending of the underground corridor: ceiling converging with the floor.	402
Fig. 188.	Field survey determining the location of future excavations.	402
Fig. 189.	Excavation by ‘Dry Moat’s’ western section.	408
Fig. 190.	View of the same spot after the excavation campaign: entrance to an Old Kingdom tomb in the façade of the ‘Dry Moat,’ in the foreground – burials in terracotta coffins from the Ptolemaic period (Upper Necropolis).	409

- Fig. 191. Extracting the ‘false door’ from inside General Ikhi-Meri’s burial shaft, cf. Il. 29. 414
- Fig. 192. Façade of Ikhi-Meri’s cult chapel with unfinished wall decoration. View from the east, cf. Il. 30. 418
- Fig. 193. Scene of offering table. Sketch on façade’s west wall. 419
- Fig. 194. Unfinished relief on the façade’s north wall (Fig. 192): procession of offering bearers (bottom register) and feet from the fragmentarily preserved image of the general. 420
- Fig. 195. Lower ‘floor’ of a unique sepulchral structure emerging from underneath the general’s funerary chapel, cf. Il. 30. 423
- Fig. 196. Old Kingdom burial shafts in front of ‘Dry Moat’s’ east façade. 425
- Fig. 197. Burial of a child at the bottom of a shaft in a collective tomb from the final phase of the Old Kingdom. 427
- Fig. 198. The child’s wooden coffin after exploration, reconstructed by conservators. 427
- Fig. 199. Plaster casing for a dead body from an Old Kingdom tomb. 429
- Fig. 200. Facial features of the plaster casing (Fig. 199). 429
- Figs. 201–203. Skull of a young woman with fragmentarily preserved plaster casing covering the hole left from trepanation. Old Kingdom. 430
- Fig. 204. Archaeologists of the world, unite! Karol Myśliwiec with Egyptian workers during exploration of burial shaft. 431
- Fig. 205. Last day of a two-month excavation campaign. All that was left to do was a commemorative picture with *Rais Said Kereti* (second from the left) and the best workers; we will meet again the following year (*insh Allah* = Allah willing). From the left: Egyptian guard of the excavation area and Fabian Welc, Beata Błaszczuk, Małgorzata Radomska, Teresa Żurkowska, Marek Woźniak, Iwona Ciszewska-Woźniak, Zbigniew Godziejewski, Magdalena Abramowska, Iwona Kozieradzka-Ogunmakin, Teodozja I. Rzeuska, Kamil O. Kuraszkiewicz, Agnieszka Kowalska, Egyptian workers, Wojciech Wojciechowski. In the middle of the group: Karol Myśliwiec and Egyptian Egyptologist, inspector and devoted friend of the mission, Ali El-Batal (in glasses). 431

