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UNIVERSITY OF WARSAW

POLISH ARCHAEOLOGY
IN THE MEDITERRANEAN

XXIV/2

SPECIAL STUDIES

DEIR EL-BAHARI
STUDIES



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POLISH ARCHAEOLOGY IN THE MEDITERRANEAN (PAM)
Annual of the Polish Centre of Mediterranean Archaeology, University of Warsaw

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EDITOR

ZBIGNIEW E. SZAFRAŃSKI



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ABBREVIATIONS

<i>ÄA</i>	<i>Ägyptologische Abhandlungen</i> (Wiesbaden)
<i>ASAE</i>	<i>Annales du Service des Antiquités de l'Égypte</i> (Cairo)
<i>AV</i>	<i>Archäologische Veröffentlichungen</i> (Berlin–Mainz)
<i>BAR IS</i>	<i>British Archaeological Reports, International Series</i> (London)
<i>BD</i>	C. A. R. Andrews (Ed.), <i>The Ancient Egyptian Book of the Dead</i> , transl. by R. O. Faulkner, rev. ed., London: British Museum Publications, 1990
<i>BdE</i>	<i>Bibliothèque d'étude</i> (Cairo)
<i>BIFAO</i>	<i>Bulletin de l'Institut français d'archéologie orientale</i> (Cairo)
<i>BSFE</i>	<i>Bulletin de la Société française d'égyptologie</i> (Paris)
<i>CCE</i>	<i>Cahiers de la céramique égyptienne</i> (Cairo)
<i>CdE</i>	<i>Chronique d'Égypte</i> (Brussels)
<i>CT</i>	A. de Buck, <i>The Egyptian coffin texts I–VII</i> , Chicago: University of Chicago Press, 1935–1961
<i>EA</i>	<i>Egyptian Archaeology</i> (London)
<i>EtTrav</i>	<i>Études et travaux</i> (Warsaw)
<i>FIFAO</i>	<i>Fouilles de l'Institut français d'archéologie orientale</i> (Cairo)
<i>GM</i>	<i>Göttinger Miszellen</i> (Göttingen)
<i>HÄB</i>	<i>Hildesheimer ägyptologische Beiträge</i> (Hildesheim)
<i>JARCE</i>	<i>Journal of the American Research Center in Egypt</i> (Boston–New York)
<i>JEA</i>	<i>Journal of Egyptian Archaeology</i> (London)
<i>JNES</i>	<i>Journal of Near Eastern Studies</i> (Chicago)
<i>LÄ</i>	W. Helck, E. Otto (Eds.), <i>Lexikon der Ägyptologie I–VII</i> , Wiesbaden: Otto Harrassowitz, 1972–1992
<i>MÄS</i>	<i>Münchener ägyptologische Studien</i> (Mainz)
<i>MDAIK</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Abteilung Kairo</i> (Wiesbaden)
<i>MIFAO</i>	<i>Mémoires publiés par les membres de l'Institut français d'archéologie orientale</i> (Cairo)
<i>OLA</i>	<i>Orientalia lovaniensia analecta</i> (Leuven)
<i>PAM</i>	<i>Polish Archaeology in the Mediterranean</i> (Warsaw)
<i>PM</i>	B. Porter, R. L. B. Moss, <i>Topographical bibliography of ancient Egyptian hieroglyphic texts, reliefs, and paintings I–VII</i> , Oxford: Clarendon Press, 1927–1951

ABBREVIATIONS

<i>PT</i>	K. Sethe, <i>Die altägyptischen Pyramidentexte nach den Papierabdrücken und Photographien des Berliner Museums</i> I–IV, Leipzig: J. C. Hinrichs, 1908
<i>SAK</i>	<i>Studien zur altägyptischen Kultur</i> (Hamburg)
<i>SDAIK</i>	<i>Sonderschrift des Deutschen Archäologischen Instituts, Abteilung Kairo</i> (Wiesbaden)
<i>Wb</i>	A. Erman, H. Grapow, <i>Wörterbuch der ägyptischen Sprache</i> I–VII, Leipzig: J. C. Hinrichs, 1926–1963
<i>ZÄS</i>	<i>Zeitschrift für ägyptische Sprache und Altertumskunde</i> (Leipzig–Berlin)

PREFACE

The magnificent great bay of the cliffs at Deir el-Bahari was the site chosen by the pharaohs Nebhepetre Mentuhotep II, Amenhotep I, Hatshepsut and Tuthmosis III for their mortuary temples. Until 1893 it had been dominated by the remains of a Coptic monastery that had risen on top of the temple ruins, a tall brick tower being the salient feature of this complex. It was called the Monastery of the North, in Arabic “Deir el-Bahari”.

From the time of the Napoleonic expedition to Egypt at the end of the 18th century the site had been visited, examined, dug over, and superficially investigated by travellers as well as by serious scholars. John Gardner Wilkinson gave a name to the site, Richard Lepsius probed more carefully and identified Hatshepsut as the founder of the temple, Auguste Mariette turned his gangs of temple-clearers onto the site. In 1893, Edouard Naville embarked on a comprehensive clearance of the surviving structures of the Temple of Hatshepsut on behalf of the Egypt Exploration Fund (Howard Carter had been employed as a ‘tracer’ for the Fund). Herbert E. Winlock, who came to Deir el-Bahari at the head of the expedition of the New York Metropolitan Museum of Art, worked in and around the temples of Mentuhotep and Hatshepsut.

Then in 1961, Kazimierz Michałowski acquired the concession for the reconstruction of the third terrace of the temple of Hatshepsut. He ordered the clearance of a huge heap of rocky debris that obscured the ground outside the southwestern part of the temple. Thus the hitherto unknown temple of Tuthmosis III was discovered.

With our present knowledge there can be no doubt as to the great sanctity of the Deir el-Bahari area, which includes the Asasif Valley and Khokha Mountain, from at least the end of the Old Kingdom onwards. The prestigious Middle Kingdom and New Kingdom temples were built in a place already sanctified by Old Kingdom graffiti above the temple and the tomb of the Eleventh Dynasty Queen Neferu. Third Intermediate Period and late antique burials associated with the Coptic monastery followed in the ruins of the temple precinct.

The sacred landscape of Deir el-Bahari area is more than just the Temple of Hatshepsut which has been the focus of egyptologists and restorers from the Polish Centre of Mediterranean Archaeology, University of Warsaw for more than half a century now. Thus, the scope of research carried out within and beyond the Queen’s Temple far exceeds issues connected with the New Kingdom complex. With this first issue of the *Deir el-Bahari Studies*, published as a Special Studies fascicle of the PCMA

journal *Polish Archaeology in the Mediterranean*, we present articles covering manifold aspects of human cognitive behavior in the Deir el-Bahari and Asasif area. They range widely in space and time, being aimed at studies of particular periods or problems, rather than general theoretical statements. In future special issues of *Deir el-Bahari Studies* contributions from specialists in complementary fields, such as architecture, conservation or linguistics will also be encouraged. This broad scope of the presentation will hopefully be appreciated by all those concerned with the archaeology and restoration of West Theban monuments.

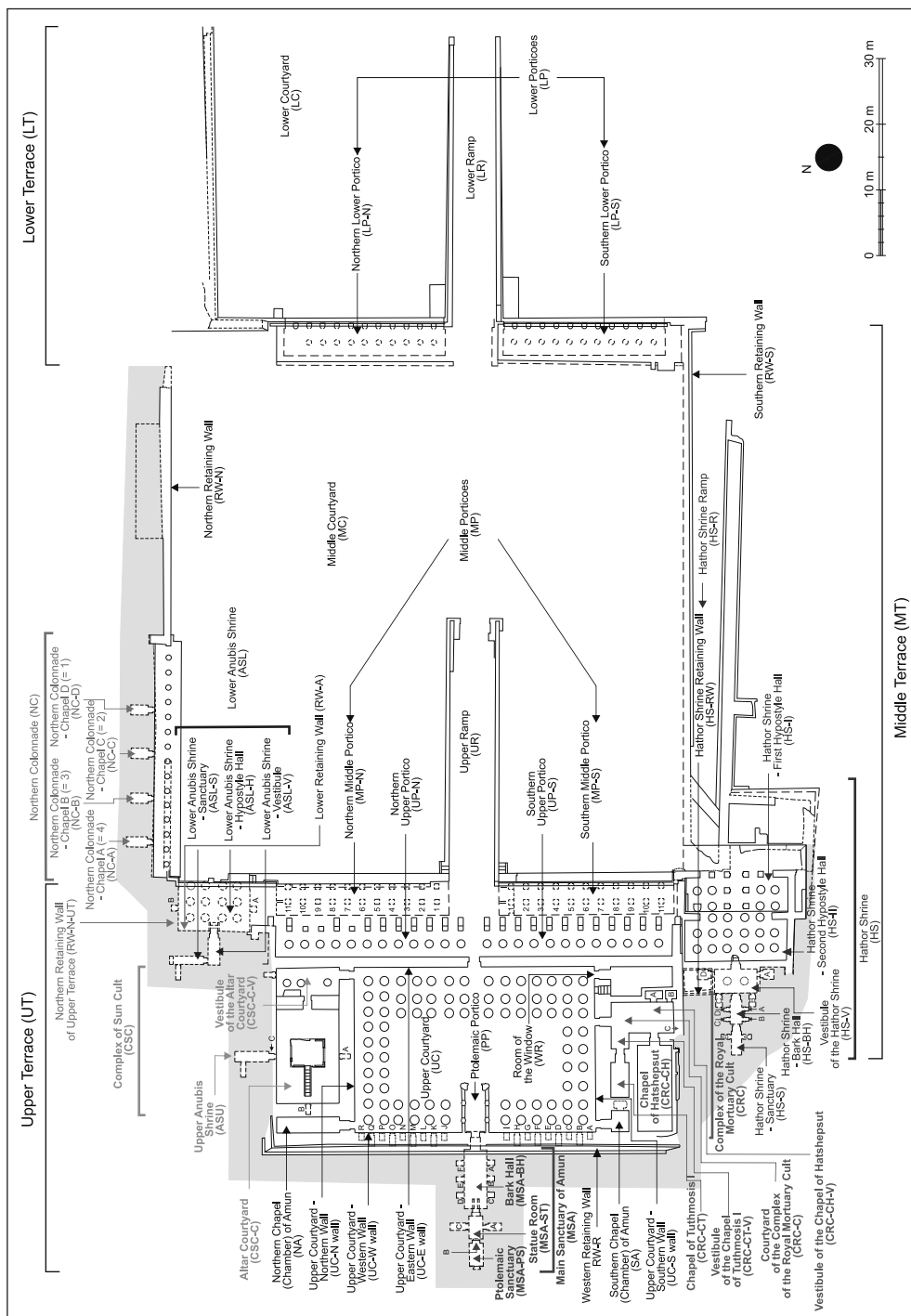
For the publication of the *Studies* thanks are due to the Polish Centre of Mediterranean Archaeology, University of Warsaw. I would like to express my particular thanks to Iwona Zych, who managed the edition of this volume, to Ewa Czyżewska-Zalewska for her professional preparation of illustrations and the overall layout, and to Katarzyna Kapiec for her assistance in the process of collecting materials for the volume.

Zbigniew E. Szafrński

December 2015

INDEX OF LOCATIONS IN THE TEMPLE OF HATSHEPSUT (WITH PLAN)

ASL	Lower Anubis Shrine
ASL-H	Lower Anubis Shrine – Hypostyle Hall
ASL-H.A	Lower Anubis Shrine – Hypostyle Hall – Niche A
ASL-H.B	Lower Anubis Shrine – Hypostyle Hall – Niche B
ASL-S	Lower Anubis Shrine – Sanctuary
ASL-V	Lower Anubis Shrine – Vestibule
ASU	Upper Anubis Shrine
CRC	Complex of the Royal Mortuary Cult
CRC-C	Complex of the Royal Mortuary Cult – Courtyard
CRC-CH	Complex of the Royal Mortuary Cult – Chapel of Hatshepsut
CRC-CH-V	Complex of the Royal Mortuary Cult – Chapel of Hatshepsut – Vestibule
CRC-CH-V. A	Complex of the Royal Mortuary Cult – Chapel of Hatshepsut – Vestibule – Niche A
CRC-CH-V. B	Complex of the Royal Mortuary Cult – Chapel of Hatshepsut – Vestibule – Niche B
CRC-CH-V.C	Complex of the Royal Mortuary Cult – Chapel of Hatshepsut – Vestibule – Niche C
CRC-CT	Complex of the Royal Mortuary Cult – Chapel of Tuthmosis I
CRC-CT-V	Complex of the Royal Mortuary Cult – Chapel of Tuthmosis I – Vestibule
CSC	Complex of the Sun Cult (formerly Solar Cult)
CSC-C	Complex of the Sun Cult – Altar Courtyard
CSC-C.A	Complex of the Sun Cult – Altar Courtyard – Niche A
CSC-C.B	Complex of the Sun Cult – Altar Courtyard – Niche B
CSC-C.C	Complex of the Sun Cult – Altar Courtyard – Niche C
CSC-C.V	Complex of the Sun Cult – Altar Courtyard – Vestibule
HS	Hathor Shrine
HS-BH	Hathor Shrine – Bark Hall
HS-BH.A	Hathor Shrine – Bark Hall – Niche A
HS-BH.B	Hathor Shrine – Bark Hall – Niche B
HS-BH.C	Hathor Shrine – Bark Hall – Niche C
HS-BH.D	Hathor Shrine – Bark Hall – Niche D
HS-I	Hathor Shrine – First Hypostyle Hall
HS-II	Hathor Shrine – Second Hypostyle Hall
HS-R	Hathor Shrine – Ramp
HS-RW	Hathor Shrine – Retaining Wall
HS-S	Hathor Shrine – Sanctuary
HS-S.A	Hathor Shrine – Sanctuary – Niche A
HS-S.B	Hathor Shrine – Sanctuary – Niche B
HS-V	Hathor Shrine – Vestibule
HS-V.A	Hathor Shrine – Vestibule – Niche A
HS-V.B	Hathor Shrine – Vestibule – Niche B
HS-V.C	Hathor Shrine – Vestibule – Niche C
HS-V.D	Hathor Shrine – Vestibule – Niche D
LC	Lower Courtyard
LP	Lower Portico
LP-N	Lower Portico – Northern part
LP-S	Lower Portico – Southern part



Plan of the Hatsheut Temple in Deir el-Bahari with marked locations discussed in the present volume
See overleaf for expanded abbreviations used on the plan (After T. Dziedziec)

LR	Lower Ramp
LT	Lower Terrace
MC	Middle Courtyard
MP	Middle Portico
MP-N	Middle Portico – Northern part
MP-S	Middle Portico – Southern part
MSA	Main Sanctuary of Amun
MSA-BH	Main Sanctuary of Amun – Bark Hall
MSA-BH.A	Main Sanctuary of Amun – Bark Hall – Niche A
MSA-BH.B	Main Sanctuary of Amun – Bark Hall – Niche B
MSA-BH.C	Main Sanctuary of Amun – Bark Hall – Niche C
MSA-BH.D	Main Sanctuary of Amun – Bark Hall – Niche D
MSA-BH.E	Main Sanctuary of Amun – Bark Hall – Niche E
MSA-BH.F	Main Sanctuary of Amun – Bark Hall – Niche F
MSA-PS	Main Sanctuary of Amun – Ptolemaic Sanctuary
MSA-ST	Main Sanctuary of Amun – Statue Room
MSA-ST.A	Main Sanctuary of Amun – Statue Room – Niche A
MSA-ST.B	Main Sanctuary of Amun – Statue Room – Niche B
MSA-ST.C	Main Sanctuary of Amun – Statue Room – Niche C
MT	Middle Terrace
NA	Northern Chapel (Chamber) of Amun
NC	Northern Colonnade
NC-A (4)	Northern Colonnade – Chapel A
NC-B (3)	Northern Colonnade – Chapel B
NC-C (2)	Northern Colonnade – Chapel C
NC-D (1)	Northern Colonnade – Chapel D
PP	Ptolemaic Portico
RW-A	Lower Retaining Wall
RW-N	North Retaining Wall
RW-S	South Retaining Wall
RW-W	West Retaining Wall
SA	Southern Chapel (Chamber) of Amun
UC	Upper Courtyard
UC.A	Upper Courtyard – Niche A
UC.B	Upper Courtyard – Niche B
UC.C	Upper Courtyard – Niche C
UC.D	Upper Courtyard – Niche D
UC.E	Upper Courtyard – Niche E
UC.F	Upper Courtyard – Niche F
UC.G	Upper Courtyard – Niche G
UC.H	Upper Courtyard – Niche H
UC.I	Upper Courtyard – Niche I
UC.J	Upper Courtyard – Niche J
UC.K	Upper Courtyard – Niche K
UC.L	Upper Courtyard – Niche L
UC.M	Upper Courtyard – Niche M
UC.N	Upper Courtyard – Niche N
UC.O	Upper Courtyard – Niche O
UC.P	Upper Courtyard – Niche P
UC.Q	Upper Courtyard – Niche Q
UC.R	Upper Courtyard – Niche R
UC-E wall	Upper Courtyard – East Wall

UC-N wall	Upper Courtyard – North Wall
UC-S wall	Upper Courtyard – South Wall
UC-W wall	Upper Courtyard – West Wall
UP	Upper Portico
UP-N	Upper Portico – Northern part
UP-S	Upper Portico – Southern part
UR	Upper Ramp
UT	Upper Terrace
WR	Room of the Window