

Title: **Nea Paphos. Season 2009**

Author(s): Henryk Meyza in cooperation with Wiktor Andrzej Daszewski, Aleksandra Brzozowska, Joanna Michalska, Joanna K. Rądkowska, and Monika Więch

Journal: *Polish Archaeology in the Mediterranean* 21 (Research 2009)

Year: 2012

Pages: 407-422

ISSN 1234-5415 (Print), ISSN 2083-537X (Online)

ISBN 978-83-235-1144-1

Publishers: Polish Centre of Mediterranean Archaeology, University of Warsaw (PCMA UW),
Wydawnictwa Uniwersytetu Warszawskiego (WUW)

www.pcma.uw.edu.pl – www.wuw.pl

**NEA PAPHOS
SEASON 2009**

Henryk Meyza

Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences, Warsaw
in cooperation with

**Wiktor Andrzej Daszewski,¹ Aleksandra Brzozowska,² Joanna Michalska,³
Joanna K. Rądkowska,⁴ and Monika Więch⁵**

¹ Institute of Archaeology, University of Warsaw, *emeritus*, ² Wrocław University of Technology,
Faculty of Architecture, ^{3,4,5} PCMA Associate

Abstract: Three seasons of excavations (winter, spring and autumn) were conducted by the Department of Antiquities and on behalf of the Department under Polish supervision, implementing a program of salvage testing under the planned shelter (the design of which underwent successive modifications in the course of the work). The only larger planned trench was excavated in the southeastern part of the House of Aion, uncovering rooms 40–43. A regular excavation campaign was held by the Polish Mission in September. It focused on clearing the western part of the so-called Hellenistic House, uncovering rooms 13, 28, 31–33, aiding in the preservation of the cistern and restitution the colonnade of the portico.

Keywords: Nea Paphos, Villa of Theseus, Hellenistic House (so-called), House of Aion, “Nabatean”

NEA PAPHOS SEASON 2009

Henryk Meyza

Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences, Warsaw

in cooperation with

Wiktor Andrzej Daszewski,¹ Aleksandra Brzozowska,² Joanna Michalska,³
Joanna K. Rądkowska,⁴ and Monika Więch⁵

¹ Institute of Archaeology, University of Warsaw, *emeritus*, ² Wrocław University of Technology,
Faculty of Architecture, ^{3,4,5} PCMA Associate

Abstract: Three seasons of excavations (winter, spring and autumn) were conducted by the Department of Antiquities and on behalf of the Department under Polish supervision, implementing a program of salvage testing under the planned shelter (the design of which underwent successive modifications in the course of the work). The only larger planned trench was excavated in the southeastern part of the House of Aion, uncovering rooms 40–43. A regular excavation campaign was held by the Polish Mission in September. It focused on clearing the western part of the so-called Hellenistic House, uncovering rooms 13, 28, 31–33, aiding in the preservation of the cistern and restitution the colonnade of the portico.

Keywords: Nea Paphos, Villa of Theseus, Hellenistic House (so-called), House of Aion, “Nabatean” column, spear butt (*sauroter*)

As in the previous year the Polish Mission conducted excavations in September, but also supervised salvage work carried out on behalf of the Department of Antiquities of Cyprus in March through April. The Department also ran salvage excavations in the winter. In principle, the salvage work addressed the needs of a modified shelter design, work on which had started in the previous season in 2008. Larger excavations were undertaken to consolidate the uncovered area in the southeastern part of the House of Aion (in winter) and the western courtyard of

the so-called Hellenistic House (in spring and autumn) [circled areas 1 and 2 in *Fig. 1*]. Regular excavations by the mission in September were also supported in part by the Department of Antiquities.

Of greatest scientific interest, apart from the two larger trenches mentioned above (1 and 2, see *Fig. 1*), were the following areas dug within the scope of the project:

– Trenches at the southern end of room 38 of the Villa of Theseus and in adjacent room 30 of the so-called Hellenistic House (3 in *Fig. 1*), uncovering earlier stages of

construction of the latter structure and aiding in tracing the relationship between this House and the Villa of Theseus;

- Testing under the bedding of the mosaic floors in Rooms 41–42 of the Villa of Theseus (4 in *Fig. 1*);

- Trial pits in the southern part of the eastern wing of the Villa of Theseus, in rooms bordering on the small courtyard 91 from the south, uncovering among others the partly filled cistern in room 89 (5 in *Fig. 1*);

Three main objectives other than excavations were pursued in the course of the regular fieldwork:

A) Conservation of the inside of a cistern under the western courtyard (no. 13) of the so-called Hellenistic House. The project, carried out by a specialist Polish company PROP, permitted the Department's conservation services to re-erect a "Nabatean" style column in that courtyard.

B) Review of the architectural record of the northern part of the insula of the House of Aion (B9), i.e., the area of the Late Roman North-Eastern House, connected with minor cleaning of remains of earlier structures. Similar work, on a basic level, was also carried out in the so-called Hellenistic House;

Team

Dates of work: (First season) December 16 – 19, 2008 and January 9 – February 4, 2009; (second season) 9 March – 17 April; (third season) 31 August – 3 October 2009

Director: Dr. Henryk Meyza (Research Center for Mediterranean Archaeology, Polish Academy of Sciences)

First season

Archaeologist: Dr. Angelos Papadopoulos (Department of Antiquities of Cyprus)

Second season

Archaeologist: Joanna Michalska, presently Michalska-Bartoszek (PhD candidate, Institute of Archaeology, University of Warsaw)

Architect: Małgorzata Czapińska, presently Słowińska (Aura sc)

Third season

Archaeologists: Prof. Wiktor A. Daszewski (Institute of Archaeology, University of Warsaw, *emeritus*), Dr. Meike Droste (Conti-Reisen GmbH, Palatina Kunst und Kultur), Agata Dobosz (PhD candidate, Institute of Archaeology, Jagiellonian University), Maciej Krzywka (PhD candidate, Wrocław University of Technology, Faculty of Architecture), Joanna K. Rądkowska (PhD candidate, Research Center for Mediterranean Archaeology, Polish Academy of Sciences), Olga Wasilewska (PhD candidate, Antiquity of Southeastern Europe Research Centre, University of Warsaw), Marek Woźniak (PhD candidate, Institute of Archaeology and Ethnology, Polish Academy of Sciences)

Architects: Aleksandra Brzozowska (PhD candidate, Wrocław University of Technology, Faculty of Architecture), Karolina Rosińska-Balik (freelance)

Mining expert: Dr. Zenon Duda (AGH University of Science and Technology, retired)

Conservation: miners of the Underground Objects Revitalising Company "PROP"

Student trainees from the University of Warsaw and Jagiellonian University in Kraków

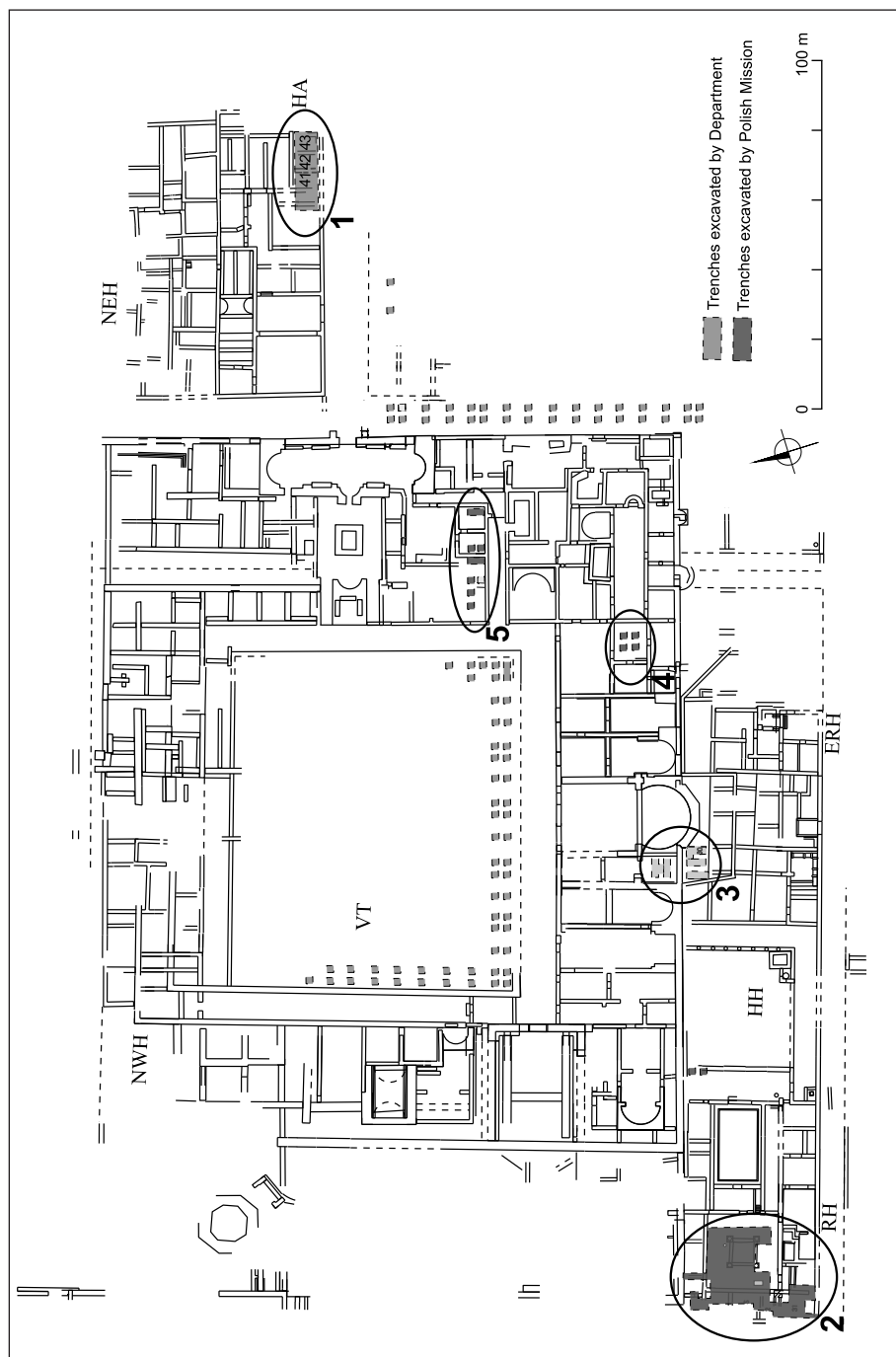


Fig. 1. General plan of the site with trenches excavated in 2009; numbered circles mark areas discussed in the report (S. Medeksza, A. Brzozowska, retracing H. Meyza)

C) Ordering and documenting elements of architectural decoration, both fragments removed from the site by the Department of Antiquities and those found during the 2009 campaign, in preparation for establishing a lapidary at the site and for the purposes of reconstruction works.

It was impossible in 2009 to study in any detail the material collected during

the salvage excavations. Assessment of chronology is therefore based for the most part on stratigraphic and architectural relationships. The study of the finds began in 2010 and by the publishing date of this report (2012) all the coins, some of the lamps and several contexts excavated in 2009 have been inspected.

HOUSE OF AION: SOUTHEASTERN PART (ROOMS 41–43)

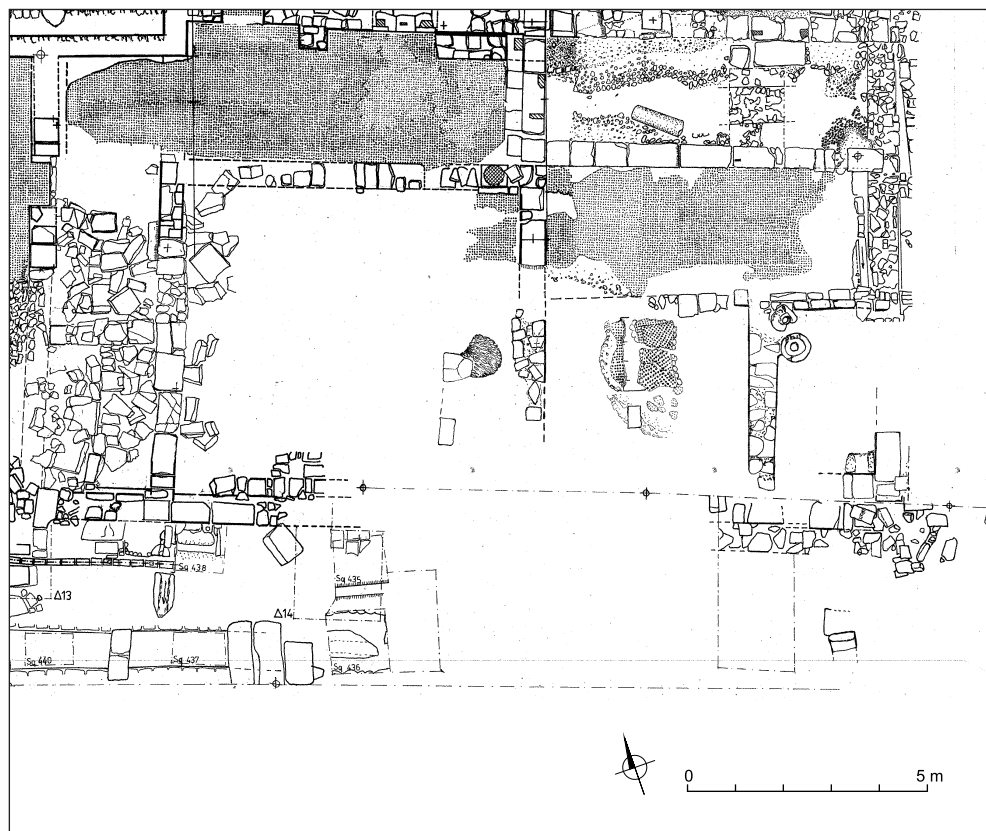


Fig. 2. Close-up plan of the southeastern part of the House of Aion
(Drawing and updating S. Medeksza, A. Brzozowska, M. Słowińska)

A baulk between the excavated areas of room 17 and the trench along street B south of the House of Aion was removed, uncovering three rooms: 41–43, as well as the southern remaining part of portico 40 in courtyard 16E, belonging to the Late Roman building phase dated to the 5th century [Fig. 2]. Remains, particularly in the western part, were much disturbed and plain white mosaic fragments in rooms 41–42 were found moved, it seems, by heavy building equipment together with part of a wall between these two rooms. Although certainly displaced and no longer horizontal, they were found still almost

in situ [Fig. 3]. After testing to verify whether they have not collapsed from the upper floor, a decision to conserve them as found was made and the Department of Antiquities secured the remains. Two irregular column plinths were found in portico 40, as well as a fragment of floor made of amphora body sherds densely set in mortar, evidently in replacement of a damaged mosaic floor, like the one preserved in this portico further to the north. The best preserved room is the easternmost, numbered 43, where remains of household activity were found in the form of column drums reused as mortars.



Fig. 3. Remnants of mosaic floors on both sides of a wall between rooms 41 and 42 of the House of Aion (Photo H. Meyza)

HELLENISTIC HOUSE: WESTERN COURTYARD AND SURROUNDINGS

The area was first tested in 1991–1992, when room 11 was uncovered and exploration of courtyard 13 to the west of it was begun (Daszewski 1992: 64–65, Fig. 3; Daszewski 1993: 88–89). Earlier trenches sunk partly to the south of the south wall of the Villa of Theseus in 1976

were made without full understanding of the character of the remains uncovered, hence their evidence is not fully compatible here (Daszewski *apud* Karageorghis 1977: 771; Daszewski 1979: 278). A large trench was excavated just north and east of the courtyard in 2007, in rooms 20 to 23 of the

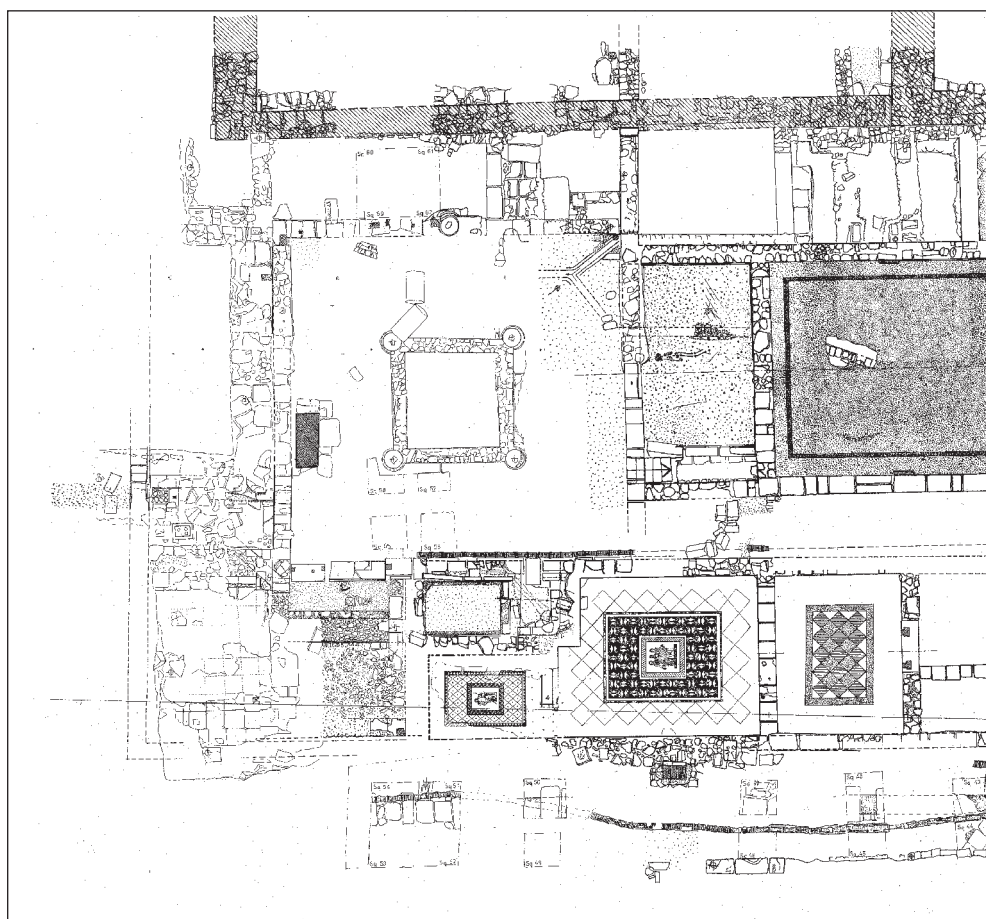


Fig. 4. Western part of the so-called Hellenistic House
(Drawing and updating S. Medeksza, A. Brzozowska, M. Słowińska)

so-called Hellenistic House (Daszewski, Meyza 2010: 509–512). The uncovering of an access corridor to a large cistern extending below the courtyard encouraged extending excavations to enclose all test trenches opened in earlier years in this area (Daszewski 1994: 108, Figs 1, 2; 1995: 72, Fig. 1). The work in this area has been supported by the Department of Antiquities in many ways, including procurement of hired labor.

Uncovering most of courtyard 13 has shown that its central part was occupied by an open tetrastyle with rough walls connecting the columns, standing on a single row of large masonry blocks [Figs 4, 5]. The walls seem to have been built in a late phase, apparently necessitating the

recutting of the corner columns (drum diameter at base 0.58 m, base itself 0.67 m). The good quality hydraulic plaster on the floor and a pipe outlet in the western side of the masonry socle indicate the presence of a shallow impluvium. All the column bases, monolithic with a low drum, were preserved in place, and the northwestern column also had two drums collapsed northward and a capital lying approximately 1 m to the west of them. One drum of this column appears to be missing. The capital is of the so-called Nabatean type in the pseudo-Ionian variant from Petra (McKenzie 1990: 117, Diagr.14k, Pl. 149a) [Fig. 6]. This form has no immediate relation to the pseudo-Ionian capitals of Marina el-Alamein (Czerner 2009: 22–26, Fig. 39).



Fig. 5. The tetrastyle with impluvium remodelled into a basin in courtyard 13 of the so-called Hellenistic House, seen from the east; note the pipe outlet in the western edge of the impluvium (Photo H. Meyza)

The *impluvium* and the surrounding courtyard were thickly covered with rubble, which included numerous decorated blocks belonging to the roof entablature: triglyph frieze (9 pieces), large cornice with modillions (11 pieces) [Fig. 6, top right] and the most numerous element, counting a total length of over 15 m, probably a parapet cornice (40 pieces) [Fig. 6, bottom right]. Most of the latter elements were found around the *impluvium*. No evidently architrave blocks were found. The frieze blocks as usual bear a triglyph motif without the lowest part, i.e., *taenia* and *guttae*. It seems improbable, therefore, that the architrave blocks, if such existed, have left no telltale evidence of their existence, even if the otherwise undecorated blocks may have escaped attention. The intercolumnia in the *impluvium* are exceedingly wide,

wider than any proportions classified by Vitruvius (ratio 1:5.5) of shaft width above base vs. intercolumnium or (ratio 1:4.2) base width vs. intercolumnium. These two features make it most probable that the architrave was made of perishable matter, wood, which could support the very heavy limestone frieze and cornice. The cornice follows the Alexandrian style of a Corinthianizing order with modillions. On top there is a plastered trough along the outer edge and at the internal corners bulges with channel(s?) leading onto the roof. It seems probable that this cornice formed the edge of a platform with balustrade. The small cornice of the balustrade is slightly longer than the length of tetrastyle portico and has a plastered top. Most probably it had crowned the open-standing wall, as in the case of the uninterrupted parapet.

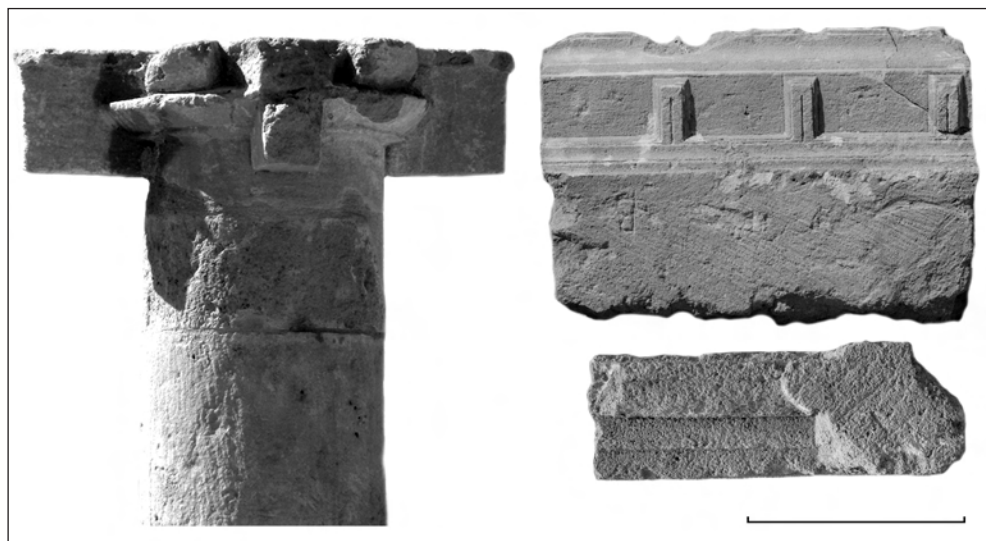


Fig. 6. Architectural elements from courtyard 13 of the so-called Hellenistic House: left, Nabatean capital of a tetrastyle column; top right, cornice with modillions from the lower entablature; bottom right, corner block from the upper entablature (Photo P. Srokowski; H. Meyza)

Conservation work in the cistern underlying the northern and central part of courtyard 13 [Fig. 7] was preceded by leveling of the strata filling the cistern. Stairs leading to it at the end of the access corridor were cleared at their lower end. The bronze butt of a spear was found there, differing from the standard *sauroter* by having a rounded knob instead of a spike at its end. The butt was decorated and retained inside remnants of a wooden shaft [Fig. 8]. The cistern roof was supported by filling its sides with openwork cribs made of wood and filled with local clay (*khonnos*) and slid rock fragments as well as lining the roof with planks. This

permitted safe restoration of the column at the northwestern corner of the tetrastyle.

Excavation west of the tetrastyle led to the uncovering of another cistern under the courtyard. It had a rectangular shaft and evidently collected water from the area. A channel led from the northern part of the courtyard and discharged into the upper northern side of the shaft. The shaft was cleared of large blocks fallen from nearby structures, but the chamber, hollowed under the canopy of *kafkalla* in the *khonnos*, was only partly excavated to enable a rough estimate of the space inside.

A set of blocks, parts of a stone siphon triple pipe, reused as a pillar, was found in



Fig. 7. Supported access corridor to the cistern under courtyard 13 (Photo H. Meyza)



Fig. 8. Bronze spear butt (*sauroter*) found in the cistern under courtyard 13 (Photo. H. Meyza)

place, collapsed northward on the eastern side of this cistern mouth, in the same direction as the only preserved column of the tetrastyle. The presumed purpose of this pillar was related to the rectangular shaft cistern. Between the siphon blocks there is one which suggests that they may have belonged to a *castellum aquae*, as its three pipes diverge in three directions [Fig. 9]. Between the rectangular head of the second cistern and the *impluvium* the courtyard floor was covered with a layer 5 cm thick in places, consisting of Plain Ware mugs/jugs crushed into small sherds. The anticipated use of these vessels was for pouring water over bathing persons in a bath.

Three rooms, previously tested in 1993–1994, were now almost completely uncovered to the west and south of

courtyard 13. The western end of Roman House room 4 was cleared and was found to be connected at the southern end, on the level of the floor of the hypocaust heating space, with the adjacent room to the west (No. 31), which had a large, 3.63 m by 4.90 m (EW–NS), hypocaust with only partly preserved terracotta tiles of the heating space floor [Fig. 10]. Its walls were mostly robbed out, down to the rubble fill foundation. A narrow space to the north, enclosed by two E–W walls, constituted a continuation of the channel, which cuts obliquely the pillar at the southwestern corner of the courtyard. This channel carried hot gases eastward to hypocaust spaces situated to the north and northeast (nos 31 and 27 respectively); the gasses originated from an oven either

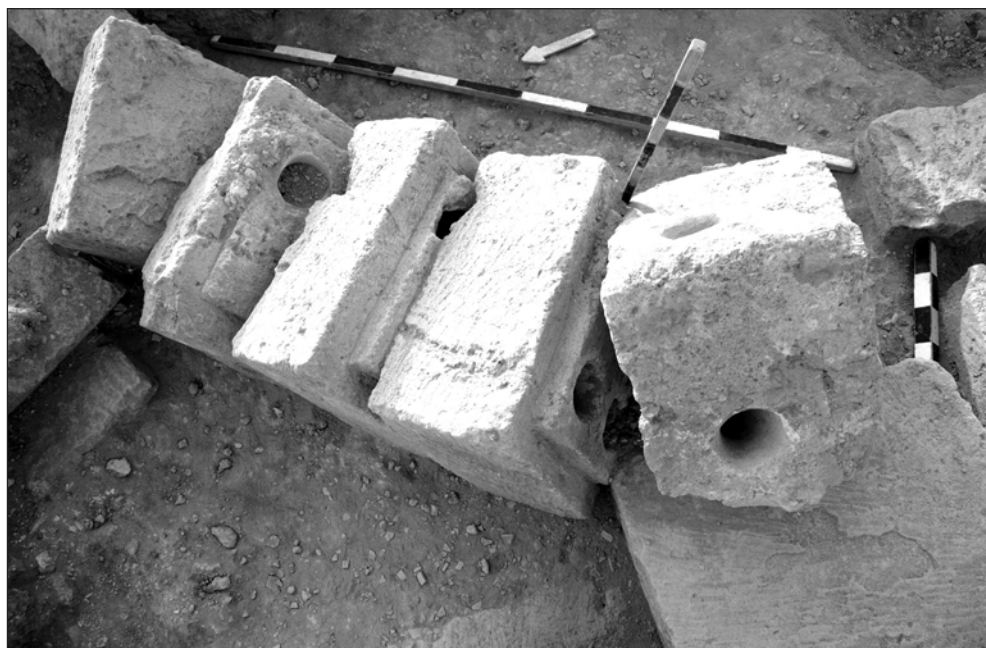


Fig. 9. Collapsed pillar with drilled triple pipes from the area west of the Hellenistic House tetrastyle (Photo H. Meyza)

standing further to the west (i.e., already in street 10) or submerged below the floors of surrounding rooms. The wall between room 31 on one side and room 27 and Roman House room 4 on the other, eastern, side is in its northern part entirely robbed out to the level of its fill-in foundation. It is therefore only a conjecture that the hot air circulated from room 27 to Roman House room 4 (there is an approximately 20 cm difference between the heating space floor level and the floor in room 4, which is higher up) (Daszewski 1995: 72). The poor state of preservation of the remains has prevented the tracing of continuity between the main part of the so-called Hellenistic House and the Roman House. It is not clear whether the main part of the Hellenistic House was in fact in use simultaneously with the Roman House or whether it belonged to an earlier phase

(see Daszewski 1994: 108–109). This issue needs to be addressed separately, perhaps through the excavation (once the walkway for tourists is removed) of more of corridor 29 between the great hall (No. 10) and the rooms attributed to the Roman House. Earlier excavation at the western end of that corridor in 1993 (not mentioned in the relevant report, Daszewski 1994) has shown only that the floor there is heavily deformed perhaps due to an earthquake; the relationship of the floor to the walls was not clarified and no section was made through that floor at the time. A study of local stratigraphy in the robbed-out foundation of the wall between rooms 31 and 27 (and Roman House room 4) should help to resolve this question.

Room 32 was cleared to the west of the courtyard, failing as yet to establish the original floor level. A row of blocks

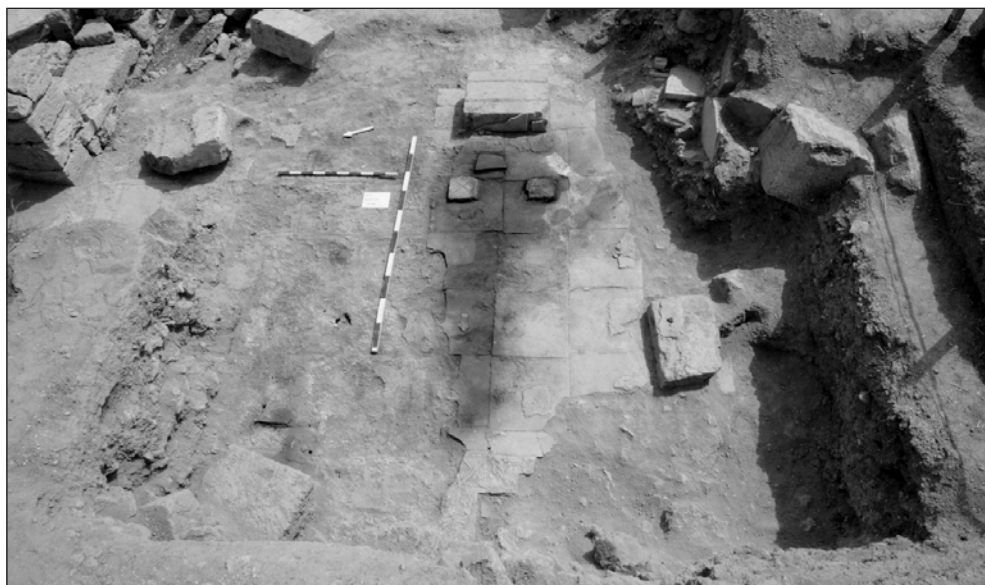


Fig. 10. Robbed out hypocaust floor inside Room 31 of the so-called Hellenistic House (Photo H. Meyza)

divided the unit into a higher-lying, narrow western part and a lower eastern one. The blocks formed a threshold with a cut for a door latch, but no jamb socket. In the southern part of the threshold there was another pillar built of reused blocks of the triple siphon pipe, still partly in place. The southern part had steps leading down at the eastern end of the room and was filled with thick layer of burnt matter and soot. A fragment of another block belonging to the siphon pipe was found. It merits note that there must have been two different sets of triple pipes. Apart from the present finds of blocks with three equidistant pipes, a test trench (dug in 1993, Daszewski 1994: 108) in the western part of room 32 produced a single block with pipes in the corners and stopped inspection holes.

The eastern part of two or possibly three other rooms, currently coded room 28, were traced further to the north and west of the courtyard. A section revealed remains of one E–W wall and traces of another E–W division in the floor. Fragments of a thick waterproof floor with bedding composed

of two layers of fist-sized stones fixed in mortar, lined with plaster and chamfered at the edges (very much like a basin north of Roman House room 2), were found in the rubble above courtyard 13 and room(s) marked as 28. This floor must have fallen from the first floor; if not, then it should have been situated at least as the basin just mentioned, both probably belonging to the bath in the southwestern corner of the insula.

Another room (33) was partly uncovered in the northwestern corner of the courtyard. It was furnished with a door leading to room 20W on its east. The south wall supported a compartment, constructed of narrow slabs in the upper part, set upright approximately 0.70 m away from the wall. The purpose of this installation is not clear (possibly a narrow staircase?). The northeastern corner of this room was damaged by the corner of the Villa of Theseus western enclosure perimeter wall. Large fragments of plaster were found on the daub floor of room 33.

VILLA OF THESEUS / HELLENISTIC HOUSE: SOUTHERN END OF ROOM 38 AND ADJACENT ROOM 30

Four partly interconnected pits were excavated at the southern end of room 38 after the heavy decorated blocks from the architectural decoration of the Villa of Theseus, which had been stored there, were removed. The corner of a N–S wall turning west was recorded; the wall was traced already in trenches from 2008, dug in the central part of room 38 (squares 193–196), south of longitudinal (E–W) street A (Meyza

et alii 2012: 289). The corner is partly superimposed over an earlier E–W wall, which shows that there existed at least three phases of building activity in insula 10A' before its border was transgressed during the construction of the southern wing of the Villa of Theseus. The last of these phases was connected with the so-called Hellenistic House. The earlier structures are little known, but such clear superposition permits an attempt



Fig. 11. Walls plastered below latest floors in room (courtyard?) 30 of the so-called Hellenistic House; Late Roman wall on top and south wall of the Villa of Theseus at right (Photo J. Michalska)



Fig. 12. Wall preceding the floor of Hellenistic House room 30 with superimposed southern elevation of the Villa of Theseus (Photo J. Michalska)

to attribute remains found in other pits when all the finds are studied.

Excavations on the southern side of the southern elevation of the Villa of Theseus, under the floor of courtyard 30 of the so-called Hellenistic House, have shown that the walls of that house were plastered below the level of that floor, but there is no clear floor corresponding to the lower edge of that plaster [Fig. 11]. Before that floor there existed also an earlier wall dividing courtyard 30, plastered deeper to approximately 1 m below the floor surface.

The southern elevation of the Villa of Theseus running against and superimposed over that wall had cut through the floor of courtyard 30 [Fig. 12]. All layers preceding the floor and its bedding contained solely Hellenistic material. Unfortunately, the early walls on both sides of the southern elevation of the Villa of Theseus do not run in the same line despite retaining a generally N–S orientation, as is the case of a wall found in the adjacent room 5 in trench Λ6 of 2003 (Daszewski *et alii* 2004: 290).

VILLA OF THESEUS: ROOMS 41–42

Excavation at points 303–306 in room 42 of the Villa of Theseus confirmed the extent of the earlier bathing establishment under the eastern part of the later Villa. The N–S wall running below the floor, which continues almost exactly in line with a similar wall under room 41, divides the area with strata full of numerous remains of heating/bathing devices found on its west from that with standard fill on its

east. Bathing vestiges include separators, wall and hypocaustic tiles, as well as Plain Ware vessels used in the bath (for a deposit of similar vessels, see above, courtyard 13 in the so-called Hellenistic House — here they are preserved in larger fragments). These trenches were shallow, approximately 50 cm deep. Excavation in 2008 in room 43 to the south indicated that the said division did not continue further south.

VILLA OF THESEUS: ROOMS SOUTH OF COURTYARD 91

A series of pits related to the projected shelter roof was excavated under Late Roman floors of rooms 81, 82, 88 and 89 of the Villa of Theseus. This area had been explored partly in 2002/2003, in trench I9 in room 81 (Meyza 2003: 259, Fig. 1) and trench I10 in room 89 (Daszewski *et alii* 2004: 285–286, Figs 1–2). Another trench was opened in 2008 (at point 416) and a bone ring with a bezel depicting a Ptolemaic queen was found under

room 82 (Meyza *et alii* 2011: 288, Fig. 4; Meyza forthcoming). The same trench was continued and connected with the pit to its north, uncovering more remains of street 9 and later structures (possibly belonging already to early phases of the Villa of Theseus). It was excavated down to bedrock at the request of the roof construction designers. More pits were dug to the west, where (in pit 316) remains of terracotta pipes were uncovered (probably

the same as those appearing in a trench west of room 98, excavated already in 1982) (Daszewski *apud* Karageorghis 1983: 939, Fig. 62), just east of the 2008 trench under room 83 (Meyza 2011: 288) to its west. Traces of a subsidiary drain from the built channel running down street 9 were also found in the same trench. More trenches were sunk to the east, beyond the eastern

curb of this street. A cistern with a round head was uncovered, dug into *khonnos*, in the easternmost room 89. Its mouth was covered by a slab and it proved not fully filled. The cistern was partly explored, but excavation was discontinued at a depth of 3.50 m, due to technical difficulties and a sterile clayey fill in the lower part of the cistern.

ARCHITECTURAL RECORDING

Preparing the North-Eastern House and the Hellenistic House for publication necessitated a systematic inventory of architectural structures, which was begun by reviewing existing documentation, both visual and descriptive, and comparing these with remains *in situ*. It has been noted that a consolidation of wall remnants with mortar as part of conservation procedures has obliterated in many cases the relationships between these structures; this

caused problems in the face of insufficient primary documentation, alleviated in some cases by minor cleaning.

Full integration of the archaeological stratigraphic record with a study of the architecture will require also a corresponding review of the stratigraphy of soil deposits and relevant artifactual finds. This will be the object of separate research programs developed for each of the buildings involved.

ARCHITECTURAL DECORATION PROGRAM

Preparing the site for a new presentation under the planned shelter the Department of Antiquities removed many decorated and undecorated blocks scattered all over the site and a number of new members of architectural decoration found in 2009 in courtyard 13 of the so-called Hellenistic House. A program for documenting elements previously not photographed,

drawn and described, started in 2008, will be continued. Verification of labeling and of provenance of these pieces is carried on concurrently. The ultimate objective is to create a display of the more important examples on one side and a lapidary of stone decoration elements for study and reference on the other. This will also permit final publication of these finds.

Dr. Henryk Meyza
Institute of Mediterranean and Oriental Cultures
Polish Academy of Sciences
00-330 Warsaw, Poland
ul. Nowy Świat 72
hmeyza@zaspan.waw.pl

REFERENCES

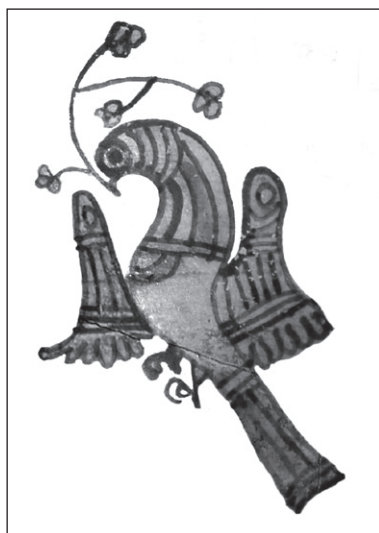
- Czerner, R.
 2009 *The Architectural Decoration of Marina el-Alamein* [=BAR International Series 1942], Oxford: Archaeopress
- Daszewski, W.A.
 1977 Fouilles de Nea Paphos (Mission polonaise) [in:] V. Karageorghis, Chronique des fouilles et découvertes archéologiques à Chypre en 1976, *BCH* 101/2, 769–773
 1979 Nea Paphos 1976, *EtTrav* 11, 275–281
 1983 Fouilles de Nea Paphos (Mission polonaise) [in:] V. Karageorghis, Chronique des fouilles et découvertes archéologiques à Chypre en 1982, *BCH* 107/2, 939–944
 1992 Nea Paphos 1991, *PAM* 3 (*Reports* 1991), 59–67
 1993 Nea Paphos 1992, *PAM* 4 (*Reports* 1992), 83–93
 1994 Nea Paphos 1993, *PAM* 5 (*Reports* 1993), 101–110
 1995 Nea Paphos 1994, *PAM* 6 (*Reports* 1994), 67–74
 1997 Nea Paphos. Excavations 1996, *PAM* 8 (*Reports* 1996), 113–121
 1998 Nea Paphos. Excavations 1997, *PAM* 9 (*Reports* 1997), 119–129
 1999 Nea Paphos. Excavations, 1998, *PAM* 10 (*Reports* 1998), 163–173
- Daszewski, W.A., Meyza, H.
 2010 (with W. Machowski, E. Papuci-Władyka, J.K. Rądkowska, O. Wasilewska) Nea Paphos. Season 2007, *PAM* 19 (*Reports* 2007), 503–514
- Daszewski, W.A., Meyza, H., Papuci-Władyka, E., Medeksza, S. [=Daszewski *et alii* 2004]
 2004 Nea Paphos. Season 2003, *PAM* 15 (*Reports* 2003), 279–300
- McKenzie, J.
 1990 *The Architecture of Petra* [=British Academy Monographs in Archaeology 1], Oxford: Oxford University Press
 2005 *The Architecture of Petra* [=British Academy Monographs in Archaeology 1] (reprint), Oxford: Oxbow Books
- Meyza, H.
 2003 Nea Paphos. Season 2002, *PAM* 14 (*Reports* 2002), 255–261
 2011 (with W.A. Daszewski, M. Markowska, J. Michalska, E. Papuci-Władyka, O. Wasilewska, M. Więch), Nea Paphos. Season 2008, *PAM* 20 (*Research* 2008), 283–293
 Forthcoming Another bone ring from Cyprus with a bezel bearing portrait of a Ptolemaic queen, *EtTrav*

POLISH CENTRE OF MEDITERRANEAN ARCHAEOLOGY
UNIVERSITY OF WARSAW

POLISH ARCHAEOLOGY IN THE MEDITERRANEAN

XXI

RESEARCH 2009



CONTENTS

CONTENTS

ACKNOWLEDGMENTS	11
OBITUARIES	
<i>Aleksandra Krzyżanowska</i>	13
ABBREVIATIONS AND STANDARD REFERENCES	15

PAM REPORTS

PCMA FIELD MISSIONS AND PROJECTS IN 2009 (WITH MAP)	19
---	----

EGYPT

ALEXANDRIA

ALEXANDRIA KOM EL-DIKKA: EXCAVATIONS AND PRESERVATION WORK.	
PRELIMINARY REPORT 2008/2009	
<i>Grzegorz Majcherek</i>	27
APPENDIX: AUDITORIUM E: EXPLORATION IN SEASON 2009	
<i>Karol Juchniewicz, Katarzyna Lach</i>	43
KOM EL-DIKKA 2005–2009: SELECTED ANTHROPOLOGICAL RESEARCH	
<i>Robert Mahler</i>	49

MAREA

MAREA. REPORT 2009	
<i>Hanna Szymańska, Krzysztof Babraj</i>	59
MAREA 2009: POTTERY FROM THE EXCAVATIONS	
<i>Anna Drzymuchowska</i>	72

MARINA EL-ALAMEIN

MARINA EL-ALAMEIN. CONSERVATION WORK IN THE 2009 SEASON	
<i>Stanisław Medeksza, Rafał Czerner, Grażyna Bąkowska with contributions by I. Fuks-Rembisz, W. Grzegorek, G. Majcherek, M. Mrozek-Wysocka, P. Zambrzycki</i>	79

CONTENTS

TELL EL-RETABA

TELL EL-RETABA: SEASON 2009

Stawomir Rzepka, Jozef Hudec 107

APPENDIX: TELL EL-RETABA: ARCHAEOBOTANICAL STUDIES

Claire Malleson 118

TELL EL-RETABA 2009: THE POTTERY

Anna Wodzińska 124

TELL EL-FARKHA

TELL EL-FARKHA (GHAZALA). SEASON 2009

Marek Chłodnicki, Krzysztof M. Ciałowicz 135

SAQQARA

SAQQARA 2008–2009

Karol Mysliwiec 157

APPENDIX: CONSERVATION WORK IN SAQQARA (2008–2009)

Zbigniew Godziejewski 167

SAQQARA 2008–2009: THE POTTERY

Teodozja I. Rzeuska 175

NAQLUN

NAQLUN (NEKLONI) EXCAVATIONS IN 2008–2009

Włodzimierz Godlewski 193

APPENDIX: NAQLUN 2008: ARCHAEOBOTANICAL STUDIES

Jarosław Zieliński 210

REFUSE DUMP IN SECTOR B IN NAQLUN: EXCAVATION REPORT 2008–2009

Tomasz Derda, Dorota Dzierzbicka 212

POTTERY FROM THE REFUSE DUMP UNDER UNIT B.26 IN NAQLUN

Katarzyna Danys-Lasek 222

TWO BURIALS FROM CEMETERY A IN NAQLUN: ARCHAEOLOGICAL AND ANTHROPOLOGICAL REMARKS

Dorota Dzierzbicka, Marzena Ożarek 233

ON THE COLLECTION OF WOODEN FINDS FROM NAQLUN AGAIN

Jarosław Zieliński, Iwona Zych 244

DEIR EL-BAHARI

CONSERVATION WORK IN THE HATSHEPSUT TEMPLE IN DEIR EL-BAHARI (2009)

Rajmund Gazda 251

SANDSTONE SPHINXES OF QUEEN HATSHEPSUT FROM DEIR EL-BAHARI: PRELIMINARY REMARKS

Agata Smilgin 255

CONTENTS

TEMPLE OF TUTHMOSIS III IN DEIR EL-BAHARI IN 2008 AND 2009: WORK IN THE STORES AND FIELD <i>Monika Dolńska</i>	261
THE TEMPLE OF TUTHMOSIS I REDISCOVERED <i>Jadwiga Iwaszczuk</i>	269
DAKHLEH OASIS	
DAKHLEH OASIS PROJECT. PETROGLYPH UNIT: ROCK ART RESEARCH, 2009 <i>Ewa Kuciewicz, Michał Kobusiewicz</i>	279
SUDAN	
OLD DONGOLA	
DONGOLA 2008–2009 <i>Włodzimierz Godlewski</i>	289
APPENDIX: CONSERVATION OF WALL PAINTINGS INSIDE THE FORMER THRONE HALL OF THE MAKURIAN KINGS IN DONGOLA (2009 SEASON) <i>Cristobal Calaforra-Rzepka</i>	312
DONGOLA 2009: POTTERY FROM BUILDING I (KOM A) <i>Katarzyna Danyś-Lasek</i>	315
WALL INSCRIPTIONS IN A BURIAL VAULT UNDER THE NORTHWEST ANNEX OF THE MONASTERY ON KOM H (DONGOLA 2009) <i>Adam Łajtar, Jacques van der Vliet</i>	330
CRYPTS 1 AND 2 IN THE NORTHWEST ANNEX OF THE MONASTERY ON KOM H IN DONGOLA: REPORT ON THE EXPLORATION IN 2009 <i>Włodzimierz Godlewski, Robert Mahler, Barbara Czaja-Szewczak</i>	338
EL-ZUMA	
THE POTTERY FROM FOUR TUMULI GRAVES IN EL-ZUMA (2009) <i>Edyta Klimaszewska-Drabot, Ewa Czyżewska</i>	361
FOURTH CATARACT	
RESEARCH IN THE PCMA UW CONCESSION ON THE FOURTH CATARACT (HAMDAB DAM RESCUE PROJECT). INTERIM REPORT 2009 <i>Marek Chłodziński</i>	377
ROCK ART RESEARCH IN THE FOURTH CATARACT REGION, SEASON 2009 <i>Ewa Kuciewicz, Andrzej Rozwadowski</i>	387
EXCAVATIONS IN 2009 IN THE ENVIRONS OF EL-AR VILLAGE (FOURTH CATARACT REGION, SUDAN) <i>Anna Longa</i>	393
EL-AR 31: EXCAVATIONS OF LATE/POST-MEROITIC TUMULI. PRELIMINARY REPORT <i>Artur Buszek, Michał Kurzyk</i>	399

CYPRUS

NEA PAPHOS

NEA PAPHOS. SEASON 2009

Henryk Meyza in cooperation with Wiktor Andrzej Daszewski, Aleksandra Brzozowska, Joanna Michalska, Joanna K. Rądkowska, and Monika Więch..... 407

LEBANON

JIYEH

PRELIMINARY REPORT ON THE 2008 AND 2009 EXCAVATION SEASONS AT JIYEH (PORPHYREON)

Tomasz Waliszewski, Karol Juchniewicz, Mariusz Gwiazda 423

APPENDIX 1. SUNKEN VESSELS IN LATE ROMAN AND BYZANTINE HOUSES IN AREA D

Mariusz Gwiazda 439

APPENDIX 2. PRELIMINARY REMARKS ON THRESHOLDS FROM PRIVATE HOUSES IN JIYEH (PORPHYREON)

Mariusz Gwiazda 441

LOCAL HELLENISTIC 'PHOENICIAN'-TYPE AMPHORA AND OTHER POTTERY VESSELS FROM EXCAVATIONS IN JIYEH (PORPHYREON) (SEASONS 2008–2009)

Urszula Wicenciak 446

GROUND AND AERIAL PHOTOGRAMMETRIC DOCUMENTATION IN JIYEH (PORPHYREON)

Miron Bogacki 454

SYRIA

PALMYRA

POLISH ARCHAEOLOGICAL MISSION TO PALMYRA. SEASONS 2008 AND 2009

Grzegorz Majcherek 459

HAWARTE

EXCAVATIONS IN HAWARTE 2008–2009

Michał Gawlikowski 481

GLASS FINDS FROM THE MITHRAEUM IN HAWARTE

Krzyszyna Gawlikowska 496

TELL ARBID

TELL ARBID 2008–2009. PRELIMINARY REPORT ON THE RESULTS OF THE THIRTEENTH AND FOURTEENTH SEASONS OF POLISH-SYRIAN EXCAVATIONS

Piotr Bieliński 511

CONTENTS

ADAM MICKIEWICZ UNIVERSITY EXCAVATIONS IN SECTOR P AT TELL ARBID
(SPRING 2009)

Rafał Koliński 537

TELL QARAMEL

TELL QARAMEL: EXCAVATIONS 2009

Ryszard F. Mazurowski 559

PAM STUDIES

ADULT BURIALS OF NINEVITE 5 DATE ON TELL ARBID (2007–2008)

Dariusz Szela 585

CHARIOT TERRACOTTA MODELS FROM TELL ARBID

Mattia Raccidi 605

NEW PROTODYNASTIC *SEREKHS* FROM THE NILE DELTA: THE CASE OF FINDS
FROM TELL EL-FARKHA

Mariusz A. Jucha 625

PITHOS-TYPE VESSELS FROM CHHÎM: PRELIMINARY ASSESSMENT OF FINDS
FROM 1996–2009

Zofia Kowarska, Szymon Lenarczyk 643

BUILDINGS ON SITE B AT NAQLUN (NEKLONI)

Szymon Maślak 653

ZOOARCHAEOLOGICAL ANALYSIS OF MATERIAL FROM CISTERN STR 1/96–97
AND HA/NEH 2.16.3 IN NEA PAPHOS

Ewelina Tepe 677

ANIMAL BONE REMAINS FROM SHEIKH ABD EL-GURNA:
ISSUES AND OPPORTUNITIES

Urszula Iwaszczuk 691

ANIMALS IN ROCK ART. RESULTS OF ARCHAEOZOOLOGICAL RESEARCH
AT THE SITE OF EL-GAMAMIYA 67 (FOURTH CATARACT, SUDAN)

Marta Osypińska 703

INDEX OF SITES 715

GUIDELINES FOR AUTHORS 716