Roman fine pottery from a cellar under Oil-press E.I at Chhim (Lebanon)

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The aim of the paper¹ is to present a small assemblage of fine pottery vessels discovered recently above and, especially, under the floor of a vaulted cellar in Oil-press E.I at Chhim-Marjiyat. The site [Fig. 1] was a Roman and Late Antique settlement situated

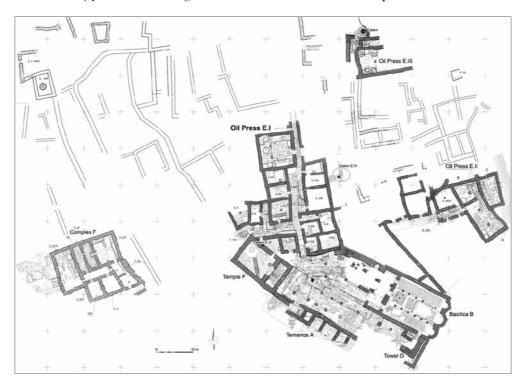


Fig. 1. Roman and Late Antique settlement at Chhim-Marjiyat: structures surveyed, cleared and excavated in 1996–2010 (Plan M. Puszkarski, PCMA)

¹ It is a great honor to be able to offer this short contribution to Professor W.A. Daszewski, my first tutor of archaeological excavations in the Mediterranean, who introduced me to the fascinating world of Hellenistic and Roman ceramics in the course of several field campaigns in the late 1980s in Nea Paphos on Cyprus.

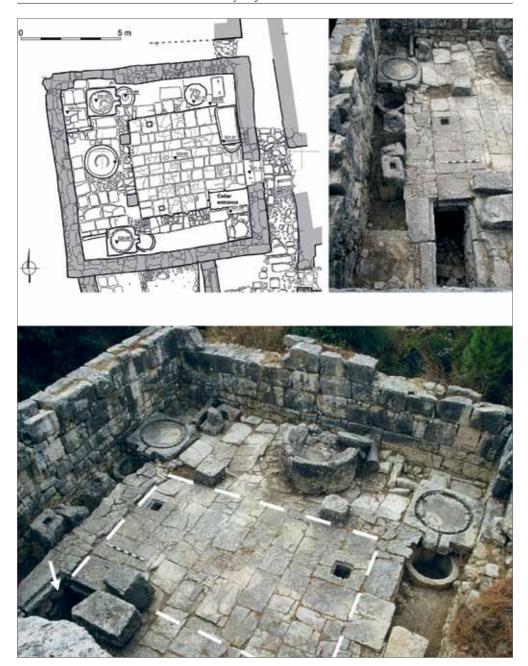


Fig. 2. Plan of Oil-press E.I. (top left); entrance to cellar filled with stone rubble seen in the foreground in a view from the east (top right); view of oil-press from the northeast after clearing in 1996, arrow and dashed line (bottom) mark the entrance and extent of the cellar (Plan M. Puszkarski, photo T. Szmagier, PCMA)

in a hilly area, some 550 m above sea level, just 10 km east of the Mediterranean coast, between Berytus (Beirut) and Sidon (Saida). All the vessels found under the floor, three near-complete plates and one jug, together with four small fragments of other plates and bowls represent the Early Roman Eastern Sigillata A "service", a basic tableware traded along the Levantine coast and its hinterland. This discovery of well preserved and chronologically homogeneous vessels provides an important indication for dating the construction of the said oil-press and confirms the nature of the fine pottery supply to the settlement in the Early Roman period. Two further fineware fragments, found above the floor,



Fig. 3. Eastern Sigillata A plate form 37B and broken coarse ware vessels found in situ in a trial-pit dug in the cellar, near its entrance, in 1999 (Photo K. Kotlewski, PCMA archives)



Fig. 4. Exploration of the cellar floor in 2009 (Photo M. Bogacki, PCMA archives)

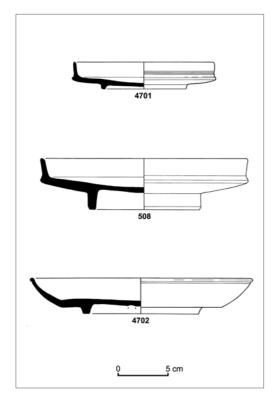


Fig. 5. Eastern Sigillata A plates: form 35 (CHM 4701), form 37B (CHM 508), form 53 (CHM 4702) (Drawing K. Domžalski, PCMA archives)



Fig. 6. Eastern Sigillata A plate form 37B (Photo K. Kotlewski, PCMA archives)

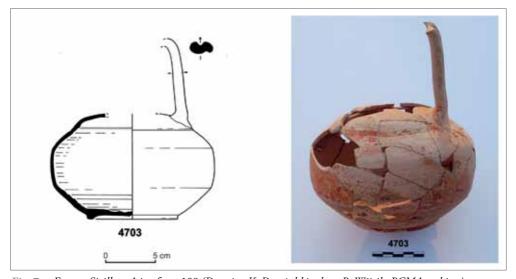
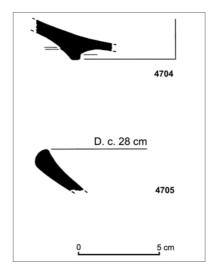


Fig. 7. Eastern Sigillata A jug form 108 (Drawing K. Domżalski, photo B. Wójcik, PCMA archives)

Fig. 8. Late Roman C/Phocean Red Slip Ware dish form form 1(?) base fragment (CHM 4704) and Late Roman D/"Cypriot" Red Slip Ware plate form 1 rim fragment (CHM 4705) (Drawing K. Domżalski, PCMA archives)



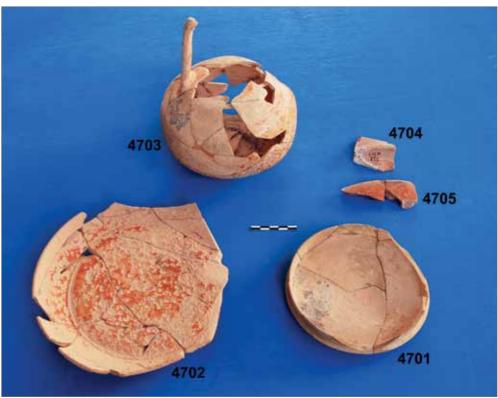


Fig. 9. Early Roman vessels found under the cellar floor: Eastern Sigillata A plates form 35 (CHM 4701) and 53 (CHM 4702), jug form 108 (CHM 4703) and Late Roman vessels found above the cellar floor: Late Roman C/Phocean Red Slip Ware dish form 1(?) base fragment (CHM 4704) and Late Roman D/"Cypriot" Red Slip Ware plate form 1 rim fragment (CHM 4705) (Photo B. Wójcik, PCMA archives)

represent Late Roman red slip wares (LRC/Phocean Red Slip and LRD/"Cypriot" Red Slip wares)² and were deposited during the use of the examined facility.

Oil-press E.I at Chhim [Fig. 2], one of the most impressive installations of this type preserved in the Near East, was cleared during restoration works by H. Kalayan, conducted on behalf of the Direction Générale des Antiquités (DGA) in Beirut, in the late 1960s and the beginning of the 1970s. The structure in question consisted of a large (approximately 9.00 x 9.00 m) room equipped with all the necessary fittings for producing olive oil, as well as a smaller (approximately 5.00 x 3.50 m, maximum height about 2.20 m) vaulted cellar beneath it, entered through a shaft near the southeastern corner of the main room. The clearing work removed some of the rubble from the entrance to the cellar allowing entry [Fig. 2, top right]. The cellar, which may have been used as a storage-room, was emptied when the settlement was abandoned and blocked with stone rubble gradually as the ruination of the oil-press building progressed. Its interior seems not to have been excavated, but only briefly examined by Kalayan's workers, the DGA being focused on architectural rather than archaeological issues. No records exist of any finds, whether pottery or other, but had there been any, they would have comprised objects from the last phase in the use of the storage room, before its abandonment, which would have corresponded to the ultimate decline of the settlement as a whole in the late 7th century AD or slightly later.

The settlement at Chhim-Marjiyat was excavated by a joint Polish-French-Lebanese expedition from 1996. Oil-press E.I was cleaned again with greater care at the beginning of these regular excavations, bringing to light few finds, but important ones. These included small pottery fragments and a completely preserved bronze balance, proving that the olive-oil producing workshop had operated in Late Antiquity, at least until the early 7th century AD (Waliszewski, Kowalski 1997: 155; Waliszewski, Ortali-Tarazi et alii 2002a: 53-56, Figs 70-73; 2002b: 23, Figs 19, 27; Kisielewicz 2002a; 2002b). In 1999, a trial pit approximately 1.50 x 1.00 m was dug in the cellar next to the entrance to determine the structure of the lower part of the cellar, the level of the tamped floor and its relation to bedrock. It was by accident that the trial-pit was located over a depression in bedrock, in which several vessels and pottery fragments had accumulated [Fig. 3]. These included an almost intact Eastern Sigillata A (ESA) plate form 37B (Waliszewski 2000: 243–244, Fig. 6 left; Waliszewski, Ortali-Tarazi et alii 2002a: 45, Fig. 57 left, 122 no. 18; Domżalski 2002: 77–78, Fig. 66, Pl. 14:508) [Figs 5:508,3] 6], together with four very small ESA fragments coming from: plates forms 30 and 53, as well as bowls forms 50 and 51 (not illustrated; inv. nos CHM 529, 519, 521, 518, respectively). The assemblage comprised also two almost completely preserved coarse (brittle) ware closed vessels: a pinched-mouthed jug and a table amphora, as well as

² For the typology and dating of respective finewares in this paper, see: ESA after Hayes 1985: 9–48, Pls 1–11; LRC/PhRS ware after Hayes 1972: 323–370; Hayes 1980: 525–527; LRD/"CRS" ware according to Hayes 1972: 371–386; Hayes 1980: 528–529; cf. also Meyza 2007: esp. 46–48.

³ The numbers identifying individual items in the figures refer to the general register of fineware finds from Chhim (1996–2010).

the upper part of another jug, all representing a locally isolated fabric, called "Chhim Ware" (Waliszewski 2000: 243–244, Fig. 6 center/right; Waliszewski, Ortali-Tarazi *et alii* 2002a: 45 Fig. 57 center/right, 122 nos 19–20; Wicenciak 2002: 68–71, Fig. 62, Pl. 8:339, 410, 472). This assemblage of chronologically homogenous vessels, along with some contemporary small oil lamp fragments, was dated by the excavators to the middle of the 1st century AD and linked to the earliest phase of settlement occupation (Waliszewski 2000: 243–244).

Excavation of the vaulted cellar under Oil-press E.I was completed in 2009 when a layer 20–40 cm thick, comprising earth and small stone rubble, was removed from the tamped floor of the cellar [Fig. 4]. It produced a moderate amount of pottery fragments, mainly from different coarse vessels, as well as two small fine-ware sherds: a base fragment of Late Roman C/Phocean Red Slip (LRC/PhRS) ware early dish, possibly of form 1 [Figs 8–9:4704] and a rim fragment of Late Roman D/"Cypriot" Red Slip (LRD/"CRS") ware plate form 1 [Figs 8–9:4705]. Both can be dated to the late 4th–early 5th centuries AD. Their presence indicates that the layer on the floor of the cellar accumulated when the oil-press was in use.

The tamped floor of the cellar proved to be undisturbed, except for the said trial-pit dug next to the cellar entrance in 1999. Examination of the substructure of this walking level revealed a layer of compact clayey soil, deliberately mixed with rubble comprising small irregular stones and lumps of mortar, resting directly on bedrock. The thickness of this layer ranged from 20 to 50 cm, leveling the irregular rock surface. The contents of this layer included an insignificant number of stray coarse pottery fragments, as well as many small sherds belonging to three Eastern Sigillata A vessels: two plates and a jug [Figs 5:4701–4702, 7, 9:4701–4703]. Judging from the close concentration of these sherds, larger sections of broken vessels had been pressed into the floor priming. The surfaces of the collected fragments were badly worn, bearing traces of apparent long-term use. Enough was recovered to restore almost complete profiles and identify shapes. The plates represented forms 35 and 53, generally dated to the second half of the 1st–early 2nd century AD, the jug was a version of form 108, the principal date for which is tentatively the 1st–early 2nd century AD.

The dating of the vessels spans production, long-distance trade and average primary use until the forms they represent were replaced with other products of different shape. Based on a morphological analysis, all the fineware open vessels discovered below the cellar floor can be assigned to popular Eastern Sigillata A forms in their very developed, somewhat simplified variants, bearing no potters' stamps or rouletted decoration encountered on the earlier versions.⁴ This may also concern the jug, but since few ESA closed vessels have been found, it is more difficult to trace how they changed over time. One could assume that the vessels, all characterized by the ware's typical, pale orangeish/pinkish, soft fabric (see Hayes 1985: 9), reached the Early Roman settlement at Chhim

⁴ The only exception is a single residual fragment of a much earlier plate form 30, dated to AD 10–50.

around the late 1st-early 2nd century AD. The worn surfaces of most of these vessels, however, suggest long use.

The stratigraphy leaves no doubt that the vessels were deposited in a leveling layer under the beaten earth floor of the cellar when the Oil-press E.I complex was built. Their incompleteness clearly indicates secondary deposition. One theory is that they were reused as a kind of temper, together with stones and mortar, for making a more stable substructure for the floor.

The whole and fragmentary fineware vessels give a basic *terminus post quem* for the construction of the cellar, but the actual date should certainly be moved forward, taking into account the wear evidenced on the vessel surfaces and the secondary character of the deposition. Assuming that the vessels were dumped more or less simultaneously or just slightly earlier than the construction, the establishment of Oil-press E.I could be dated tentatively to around the middle of the 2nd century AD. This would be confirmed by the absence from the assemblage of final-phase Eastern Sigillata A forms, dated exclusively to the 2nd century, especially to its later part, and noted in abundance at Chhim (Domžalski 2002: 77–78). The other possibility, less probable but still to be considered, is that the discussed ceramics had come from a much earlier rubbish dump that the workers discovered digging the pit for the cellar; this would place the construction of Oil-press E.I somewhat later in time. As for the occupation of the oil-press complex, the definite evidence for this is provided by the two fragments of Late Roman red slip wares dated to the late 4th–early 5th centuries, found in the layer accumulated above the cellar floor.

The presented pottery assemblage is also important in terms of studies of the fine pottery supply to the investigated settlement. To date, after several seasons of more or less regular excavations at Chhim after 1996, the red slip wares from the late 4th–early 7th centuries make up almost 80% of the studied fine pottery material. Most of the finds come from the best exposed contexts dated to Late Roman times, such as the final occupation layers of dwelling houses, oil-presses, the Christian basilica, streets and particularly the big water cisterns reused for dumping rubbish. Pottery sherds and other materials from the Early Roman period, usually very fragmented, were found mainly in stratigraphical tests under the best preserved structures.

Eastern Sigillata A constitutes approximately 95% of the finds of Early Roman (1st–2nd century AD) finewares at Chhim. This share corresponds to results obtained for other sites located in this part of the Levantine coast, including Berytus, which is understandable considering the close vicinity of the ESA production centre. It is not certain if the ware in question, recently identified tentatively as the *Rhosica vasa* known from the written sources, was actually manufactured in Rhosos, because no kilns or wasters have been found there so far. Nonetheless, the area between Antioch-on-the-Orontes and Tarsus is the most probable location for these workshops, as suggested by distribution patterns and archaeometrical analyses of clay composition (Hayes 2001: 146–147 note 11; Lund 2005: 237–238; Lund, Malfitana, Poblome 2006: 492–500; 2008; with further literature. See also Greene 2008).

A widespread distribution of Eastern Sigillata A products in the Levant and beyond spanned the period from approximately the late 2nd century BC to the late 2nd century AD. The vessels from the cellar under Oil-press E.I represent a highly developed, but not the final part of this period. Excavations at Chhim have also yielded later ESA forms, dated to the late 2nd century (Domžalski 2002: 77–78). The open vessels represent the most popular forms in their developed, undecorated variants, but the jug on the other hand may contribute importantly to further studies. ESA closed vessels were less commonly produced and when found broken and incomplete they are much more difficult to restore than the open forms, hence their formal development has not been studied satisfactorily. The apparent chronological homogeneity of the under-floor assemblage could be considered as a date for this variant of the jug form characterized by a softer profile and the absence of any stamped, grooved or rouletted ornaments.

To sum up, the interesting set of surprisingly well preserved Eastern Sigillata A vessels from the late 1st–early 2nd centuries AD, found recently in a secondary deposit included in the substructure of a cellar floor, has demonstrated the Early Roman date of Oil-press E.I, indicating at the same time that the inhabitants of the settlement at Chhim, presumably because of their involvement in large-scale olive oil production, had the means to buy the best tablewares available on the Levantine coastal market.

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ABBREVIATIONS

AA Archäologischer Anzeiger, Berlin

AAAS Annales archéologiques arabes de Syrie, Damas
ABSA Annual of the British School of Athens, London
AJA American Journal of Archaeology, New York

APF Archiv für Papyrusforschung und verwandte Gebiete, Leipzig, Stuttgart

ASAE Annales du Service des Antiquités de l'Égypte, Le Caire BAAL Bulletin d'Archéologie et d'Architecture Libanaises, Beirut

BABesch Bulletin antieke Beschaving, Louvain BCH Bulletin de correspondance hellénique, Paris

BdÉ Bibliothèque d'étude, Le Caire

BEFAR Bibliothèque des Écoles françaises d'Athènes et de Rome, Rome, Paris BIFAO Bulletin de l'Institut français d'archéologie orientale, Le Caire

BSFE Bulletin de la Société française d'égyptologie, Paris CCE Cahiers de la céramique égyptienne, Le Caire CCEC Cahiers du Centre d'études chypriotes, Nanterre

CdÉ Chronique d'Égypte, Bruxelles

CRAI Comptes rendus de l'Académie des inscriptions et belles-lettres, Paris

CSEL Corpus Scriptorum Ecclesiasticorum Latinorum, Vienna

EtTrav Études et travaux, Varsovie
GM Göttinger Miszellen, Göttingen

GRBS Greek, Roman and Byzantine Studies, Durham, NC

IEJ Israel Exploration Journal, Jerusalem
JbAC Jahrbuch für Antike und Christentum
JEA Journal of Egyptian Archaeology, London
JGS Journal of Glass Studies, New York
JHS Journal of Hellenic Studies, London
JJP Journal of Juristic Papyrology, Warsaw

JRA Journal of Roman Archaeology, Ann Arbor, MI

JRS Journal of Roman Studies, London

KHKM Kwartalnik Historii Kultury Materialnej, Warszawa LIMC Lexicon iconographicum mythologiae classicae, Zurich

MDAIA Mitteilungen des deutschen archäologischen Instituts, Athenische Abteilung, Berlin
MDAIK Mitteilungen des deutschen archäologischen Instituts, Abeilung Kairo, Wiesbaden
MEFRA Mélanges d'archéologie et d'histoire de l'École française de Rome. Antiquité, Paris
MIFAO Mémoires publiés par les membres de l'Institut français d'archéologie orientale, Le Caire

NC Numismatic Chronicie, London

NumAntCl Numismatica e antichità classiche, Logano OLA Orientalia Lovaniensia analecta, Louvain

PAM Polish Archaeology in the Mediterranean, Warsaw RACrist Rivista di archeologia cristiana, Cité du Vatican RBK Reallexikon zur byzantinischen Kunst, Stuttgart

Abbreviations

RDAC Report of the Department of Antiquities, Cyprus, Nicosia

RdÉ Revue d'égyptologie, Paris, Louvain

REPPAL Revue du centre d'études de la civilisation phénicienne-punique et des antiquités

libyques

RMNW Rocznik Muzeum Narodowego w Warszawie, Warszawa

RSO Rivista degli studi orientali, Roma

RTAM Recherches de théologie ancienne et médiévale, Gembloux

RTAM Recherches de théologie ancienne et médiévale, Gembloux, Louvain

SAAC Studies in Ancient Art and Civilization, Kraków

VetChr Vetera christianorum, Bari

ZPE Zeitschrift für Papyrologie und Epigraphik, Bonn

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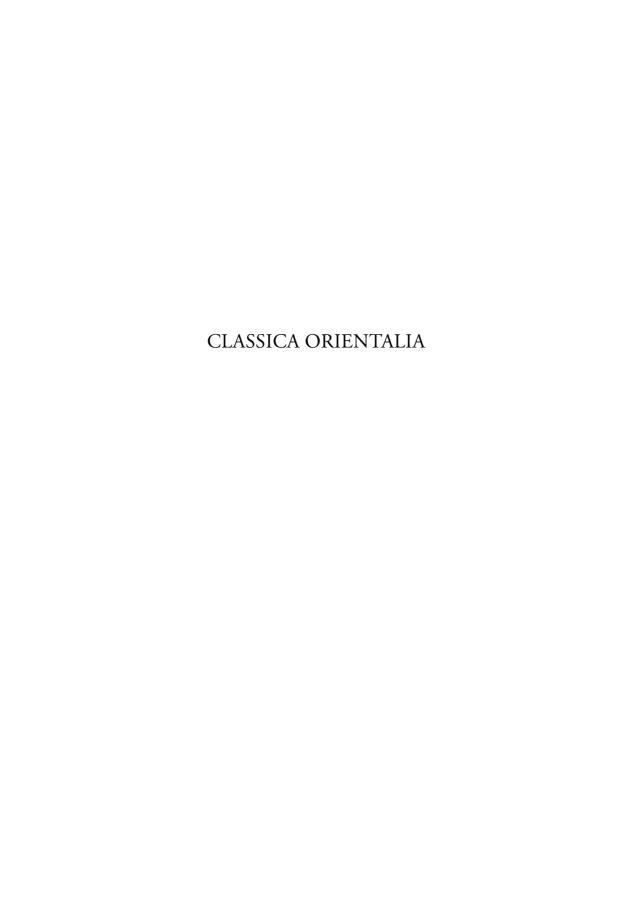
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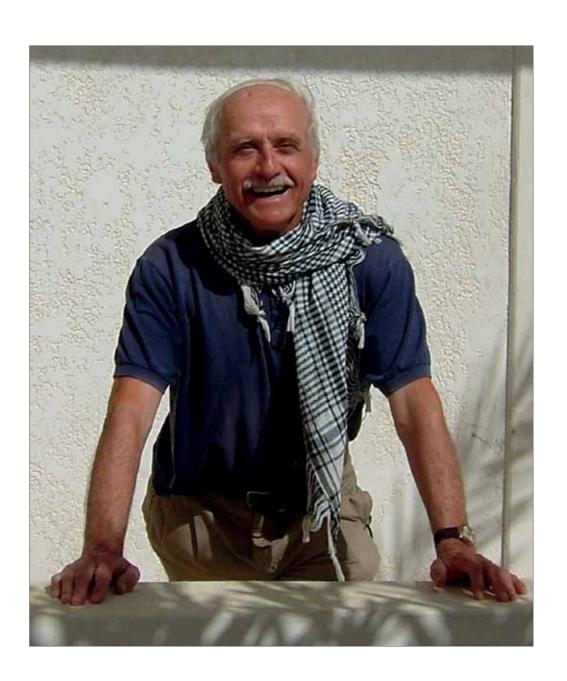
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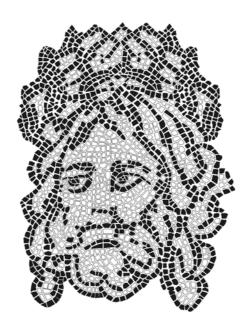
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