

PCMA FIELD MISSIONS AND PROJECTS IN 2010

All the PCMA projects, which took place in 2010, are listed in this section. Brief notes concerning prime objectives and results of the work of missions not reported on in this volume have been included with each mission in anticipation of more comprehensive and targeted reports in the future. Note has also been taken of publications related to individual missions from the period in question, if they have preceded the report in *PAM Research*; these include brief notices in the *PCMA Newsletter*, available online at www.pcma.uw.edu.pl. Nonetheless, the below listing is intended not as a scientific chronicle of fieldwork, but as a convenient review of all the work by PCMA teams in a given year.

The listing is presented by country, the sites under each heading proceeding in alphabetical order. The convention followed in the order of presentation is one used traditionally in the *PAM Journal* since the first volume, that is, Egypt first, followed by Sudan, Lebanon, Syria, Iran and Kuwait.

EGYPT

ALEXANDRIA, KOM EL-DIKKA, see in this volume.

BERENIKE

The Berenike Project continued explorations of the southwestern bay, which is believed to have been the main harbor of the Ptolemaic and Early Roman town, the Ptolemaic district west of the bay, the early Roman trash to the north of the bay and a rubbish dump of late Roman date inside the town proper to the east. In the Ptolemaic area a continuation of the so-called “elephant ditch” was traced in two trenches and a fragmentary elephant molar tooth was found on the surface. Extensions of trench BE09-54 uncovered a section of the shipyards with coiled mooring ropes and wooden planks from boats still in place between low walls of coral heads compartmenting the area. Evidence of heavy burning, which could be dated to the 2nd century AD at the latest, was found in this area. Trenches BE10-61 and BE10-70 at the entrance to the bay revealed architectural features, which appear to have formed a sanctuary. Finds from the latest phase of occupation indicated that the rectangular cella built of coral heads had been used as a small temple (see report in this volume). A reused inscribed altar dedicated to Trajan suggested continued religious function of the complex going back to at least the turn of the 1st century AD. Testing in the vicinity of the harbor to the west of the bay uncovered four dog burials(?) on an early Roman midden. More excavations were carried out on two other refuse dumps: the early Roman dump, which produced further ostraka and papyri documents among others, and late Roman trash of mainly 5th century date, located between houses in the town proper. In the latter case, the fairly homogeneous deposit was suggestive of a workshop in which leather and hides, wood and turtle shell were crafted into objects of ornamental value. The artisan seems to have worked with glass beads, but also with bracelets and pendants and other ornaments of a variety of materials including tortoise shell, ivory, bone, horn, glass, faience, clay, semi-precious stone and gold-in-glass beads. Other work included a topographical reassessment of the site and magnetic mapping of another 2.6 ha, adding to the already existing magnetic map of Berenike. Archaeozoological and archeobotanical studies of material from the 2009 and 2010 seasons were also carried out. Preliminary investigations of Wadi Khashab, a site discovered during limited surveying of the Eastern Desert by the Berenike Project team, demonstrated the presence of bones belonging to longhorn cattle. No pottery was recorded



Map A. Archaeological sites excavated by the PCMA (Cyprus, Egypt, Lebanon and Sudan)



Map B. Archaeological sites excavated by the PCMA (Syria, Iran, Iraq and Kuwait)

and dating at this point is controversial, although the site may represent a prehistoric cattle cemetery. Fieldwork was followed by a two-week study season in the SCA storeroom in Quft, where the Project's registered finds are stored.

See the *PCMA Newsletter* at www.pcma.uw.edu.pl; for a brief review of three seasons at Berenike (2008–2010), see an article by S.E. Sidebotham and I. Zych in *Sahara* 21 (2010).

Dates of work: 27 December 2009–15 February 2010 — excavations on the site;

16–28 February 2010 — study season in the SCA archaeological storeroom at Quft

Co-Directors: Prof. Steven E. Sidebotham, archaeologist, numismatist (University of Delaware, USA) and Iwona Zych, archaeologist, small-finds specialist (PCMA)

SCA inspector-archaeologist: Amer Gad el-Kareem

Archaeologists: Anna Maria Kotarba-Morley (independent), Piotr Osypiński (Patrimonium Foundation), Joanna Rądkowska (PhD candidate, Research Center for Mediterranean Archaeology, Polish Academy of Sciences), Katya Schorle (PhD candidate, University of Oxford), Marek Woźniak (PhD candidate, Institute of Archaeology and Ethnology, Polish Academy of Sciences), Mary A. Sidebotham, Agata Smilgin and Norman Shelly (archaeology students and volunteers)

Papyrologists: Prof. Roger S. Bagnall (Institute of Advanced Study, New York University), Dr. Rodney Ast (Columbia University, APIS Project head)

Ceramologists: Dr. Roberta Tomber, pottery team head (British Museum, London, Research Fellow), Dr. Tamas Bezeczky (Institute for Studies of Ancient Culture, Austrian Academy of Sciences, Vienna), Ross I. Thomas (independent), Urszula Wicenciak (PhD candidate, Center for Research on the Antiquity of Southeastern Europe, University of Warsaw)

Geophysicists-archaeologists: Tomasz Herbich (Institute of Archaeology and Ethnology PAN, Warsaw) and Dawid Świąch (independent)

Metal specialist, restorer and artist: Martin A. Hense (independent)

Glass specialist: Renata Kucharczyk (PCMA)

Archaeozoologist: Dr. Marta Osypińska (Institute of Archaeology and Ethnology PAN, Poznań)

Archaeobotanist: Assist. Prof. Jarosław Zieliński (Western Pomeranian University of Technology, Szczecin)

Conservator: Katarzyna Lach (PhD candidate, Jagiellonian University)

Registrar/photographer: Jacek Czuszkiewicz (independent)

Documentalist: Teresa Witkowska (independent)

Topographer: Łukasz Wojnarowicz (independent)

DEIR EL-BAHARI: TOTMES III

The season's work was devoted to documenting, both in drawing and in photographs, of further scenes for the ongoing project of virtual reconstruction of the walls. It resulted in virtual photomontages, a drawing reconstruction of the Hall's western wall and 3D models of three temples. Planned conservation of the remaining stone blocks from the sanctuary wall needed to be re-scheduled for the following year. Still, limited work with the material allowed for the identification of fragments of both the eastern and the western entrance into the Bark Hall, including fragments that had been cut off during the widening of the granite portal. Inventorying of small finds was also carried out.

Dates of work: 28 October–12 December 2012

Director: Dr. Monika Dolińska (National Museum in Warsaw)

SCA representative: Nafesa El Azab Mohamed Ahmed

Egyptologists: Piotr Czerkwiński (PhD candidate, Institute of Archaeology, University of Warsaw), Janina Wiercińska (National Museum in Warsaw)

Photographer: Zbigniew Doliński (National Museum in Warsaw)

Architect: Mariusz Caban (PhD candidate, Wrocław Technical University)

Documentalist: Marek Puszkarski (PCMA)

Student-trainee: Filip Taterka (Institute of Archaeology, Adam Mickiewicz University in Poznań)

DEIR EL-BAHARI: TEMPLE OF HATSHEPSUT, see in this volume.

VALLEY OF THE KINGS: TOMB OF RAMESSES VI, see in this volume.

MAREA, see in this volume.

MARINA EL-ALAMEIN, season cancelled.

NAQLUN

Work was continued on Kom A, inside Building J and Building AA.40, as well as on cemetery A. The original construction of Building J was found to have been erected on natural bedrock in the 6th century and next rebuilt in the 8th century. All of the architecture in the central part of Kom A was razed by fire sometime apparently in the mid-10th century. Altogether 43 burials of the medieval secular cemetery A were excavated, most probably dating from the 12th and 13th century. Work on the restoration of a bronze lamp and polykandelion was underway, as was a study of dinars uncovered in 2009. See also online resource: *PCMA Newsletter 2010*.

Dates of work: 17 September–5 November 2010

Director: Prof. Włodzimierz Godlewski, archaeologist (Institute of Archaeology, University of Warsaw)

SCA representatives: Amal Salah Mahmoud Sayed Ahmed Al Sharif (SCA Inspector in Fayum), Ibrahim el Ragab (SCA Inspector in charge of the Mission Storehouse in Fayum)

Archaeologist: Łukasz Krupski (freelance)

Archaeologist-documentalist: Szymon Maślak (PCMA)

Archaeologist, ancient worked wood specialist: Iwona Zych (PCMA)

Papyrologist: Assist. Prof. Tomasz Derda (Papyrology Department, Institute of Archaeology, University of Warsaw)

Ancient glass specialist: Dr. Maria Mossakowska-Gaubert (Institut français d'archéologie orientale, Cairo)

Ceramologist, registrar: Katarzyna Danys-Lasek (freelance)

Anthropologist: Marzena Ozarek (PhD candidate, Institute of Archaeology, University of Warsaw)

Arabists: Dr. Christian Gaubert (Institut français d'archéologie orientale, Cairo), Dr. Gisele Helmecke (Museum für Islamische Kunst, Berlin)

Textiles conservator: Barbara Czaja-Szewczak (Museum Palace in Wilanów)

Metal conservator: Władysław Weker (State Archaeological Museum in Warsaw)

Student-trainee: Larysa Gidzińska (Institute of Archaeology, University of Warsaw)

SAQQARA

The archaeological mission in Saqqara continued research on the necropolis extending west of the step pyramid, between the funerary complex of Netjerykhet and the Dry Moat. The aim of the excavations in 2010 was to finish exploration and recording of the section of the Old Kingdom necropolis adjacent to the eastern edge of the Dry Moat and those of the overlying Ptolemaic-period (=Upper) necropolis. Particularly interesting were the discoveries made in the Old Kingdom shaft 50, including a deposit of miniature copper objects. See also online resource: *PCMA Newsletter 2010*.

Dates of work: 15 September–21 October 2010

Director: Prof. Karol Myśliwiec (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

Egyptologist-archaeologists: Dr. Kamil O. Kuraszek (Institute of Archaeology, University of Warsaw), Dr. Fabian Welc (Cardinal Stefan Wyszyński University, Warsaw)

Archaeologists: Małgorzata Radomska (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences), Agnieszka Kowalska (freelance)

Egyptologist-ceramologist: Dr. Teodozja I. Rzeuska (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

Conservators: Dr. Zbigniew Godziejewski (National Museum in Warsaw), Magdalena Abramowska (freelance)

Architect: Beata Błaszczuk (freelance)

Osteoarchaeologists: Prof. Andrew Chamberlain, Iwona Kozieradzka-Ogunmakin (both Department of Archaeology, University of Sheffield)

Archaeozoologist: Prof. Salima Ikram (American University in Cairo)

Geomorphologist: Dr. Jerzy Trzciniński (Institute of Geology, University of Warsaw)

Photographer: Jarosław Dąbrowski (freelance)

SHEIKH ABD EL-GURNA, see in this volume.

SHEIKH ABD EL-GURNA THE MANUSCRIPTS CONSERVATION MISSION, see in this volume.

TELL EL-FARKHA (GHAZALA)

All three koms forming the site were examined. On the Western Kom work continued in an area opened in 2006 and revealed further layers of occupation connected with the Naqada IIIB period. It was confirmed that the complex of rooms surrounding an empty space, probably a courtyard, limited by massive walls discovered in 2007–2009, has earlier phases. In the northern part of this structure a complex of small rooms was still visible. On the Eastern Kom four new graves were excavated. Grave 109, without any equipment, was connected with Old Kingdom last phase of occupation at Tell el-Farkha. Grave 111, where the deceased was accompanied by pottery and miniature vessels of alabaster, is dated to the turn of the First Dynasty. Grave 112, with no dating elements, belonged to an infant. Grave 114 is preliminarily dated to Dynasty 0; it contained pottery, stone vessels, a rectangular schist palette and a necklace of stone beads. On the northern part of the Eastern Kom, a settlement dated to the Early Dynastic period was excavated and a road leading from the NE to the SW (to the eastern facade of the *mastaba* of grave 10) was discovered. On the Central Kom only a small test trench was dug on the eastern slope.

Dates of work: 13 March–29 April 2010

Co-Directors: Dr. Marek Chłodziński (Poznań Archeological Museum), Prof. Krzysztof M. Ciałowicz (Institute of Archaeology, Jagiellonian University)

SCA Representative: Mohamed Mustafa Shabana

Archaeologists: Katarzyna Błaszczuk, Artur Buszek, Dr. Joanna Dębowska-Ludwin, Katarzyna Juszczyk, Piotr Kołodziejczyk, Michał Kurzyk (all from the Institute of Archaeology, Jagiellonian University), Magdalena Nowak (freelance), Maciej Jórdeczka, Jacek Kabaciński (both Institute of Archaeology and Ethnology, Polish Academy of Science, Poznań)

Ceramologist: Dr. Mariusz Jucha, Magdalena Sobas (both Institute of Archaeology, Jagiellonian University), Michał Rozwadowski (Center for Archaeological Heritage Rescue Research, Poznań)

Anthropologists: Anna Kozłowska, Anna Kubica (both Institute of Zoology, Jagiellonian University), Izabela Maciuszczak (Institute of Anthropology, Adam Mickiewicz University)

Archaeozoologists: Dr. Renata Ablamowicz (Silesian Museum in Katowice), Daniel Makowiecki (Institute of Archaeology, Mikołaj Kopernik University in Toruń)

Architect: Karolina Rosińska-Balik (Institute of Archaeology, Jagiellonian University)

Geologists: Prof. Maciej Pawlikowski (Institute of Mineralogy, University of Science and Technology in Kraków), Dr. Małgorzata Mrozek-Wysocka (Institute of Geology, Adam Mickiewicz University in Poznań)

Conservators: Władysław Weker (State Archaeological Museum in Warsaw), Małgorzata Żukowska (Poznań Archeological Museum)

Photographer: Robert Słaboński (freelance)

Documentalists: Halina Źarska-Chłodnicka (ARCHmedia s.c., Poznań)

Student-trainees from the Jagiellonian University in Kraków, Adam Mickiewicz University in Poznań

TELL EL-GHABA, see in this volume and online resource: *PCMA Newsletter 2010*.

TELL EL-MURRA, see in this volume and online resource: *PCMA Newsletter 2010*.

TELL EL-RETABA, see in this volume and online resource: *PCMA Newsletter 2010*.

SUDAN

BANGANARTI and SELIB, see in this volume.

DONGOLA

The excavations covered the principal site on Kom A, that is the palace complex (SWN B.I) and church (SWN B.V) in the southwestern part of the Citadel and Building B.VI (granary?) on site C.I in the northwestern part of the Citadel. In the Monastery on Kom H, anthropological documentation was continued inside crypt 2 in the Northwest Annex, as well as the documentation of Building S (Sanctuary of Makurian saint Anna) in the southwestern corner of the monastic church. See also online resource: *PCMA Newsletter 2010*.

Dates of work: 4 January–7 February 2010

Director: Prof. Włodzimierz Godlewski, archaeologist (Institute of Archaeology, University of Warsaw)

NCAM representative: Amal Mohamed Ahmed

Epigraphist: Assist. Prof. Adam Łajtar (Institute of Archaeology, University of Warsaw)

Ceramologist, documentalist: Katarzyna Danyś-Lasek (freelance)

Anthropologist: Robert Mahler (PCMA)

Archaeologists: Szymon Maślak (freelance), Dr. Artur Obluski (freelance)

Archaeologist, topographer: Bartosz Wojciechowski (Institute of Archaeology, University of Warsaw)

Architect: Dr. Teresa Kaczor (Wrocław Technical University)

Archeozoologist: Dr. Marta Osypińska (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Poznań)

FOURTH CATARACT (HAGAR EL-BEIDA), see in this volume.

CYPRUS

NEA PAPHOS

The campaign of 2010 was, for the most part, a study season, devoted to the analysis of finds collected during three previous years of intensive salvage excavation, especially finds from the 2007 campaign. The only fieldwork undertaken was necessitated by the inundation of trenches during the very wet winter of 2009/2010. Cleaning was required in the Villa of Theseus (room 1SW) and in the so-called Hellenistic House (rooms 19, 25, 31, 32). See also: H. Meyza, A mask of ἡγεμῶν θεράπων with ὄγκος (?) from Paphos [in:] I. Zych, H. Meyza (eds), *Classica Orientalia. Essays Presented to Wiktor Andrzej Daszewski on his 75th birthday*, Warsaw: DiG, 2011, 379–386.

Dates of work: 16 August–3 October 2010

Director: Dr. Henryk Meyza, archaeologist (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

Archaeologists: Prof. Wiktor A. Daszewski (Institute of Archaeology, University of Warsaw, *emeritus*), Dr. Dobiesława Bagińska (Poznań Archaeological Museum), Dr. Meike Droste (Conti-Reisen GmbH, Palätina Kunst and Kultur), Agata Dobosz (PhD candidate, Institute of Archaeology, Jagiellonian University), Joanna Michalska [presently Michalska-Bartoszek] (PCMA), Olga Wasilewska (PhD candidate, Antiquity of Southeastern Europe Research Centre, University of Warsaw), Rozalia Tybulewicz (freelance volunteer), Monika Więch (freelance)

Archaeologists, ceramologists: Prof. Ewdoksia Papuci-Władyka (Institute of Archaeology, Jagiellonian University), Assist. Prof. Jolanta Młynarczyk (Institute of Archaeology, University of Warsaw; Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

Numismatist: Assist. Prof. Barbara Lichočka (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

Architect: Małgorzata Czapińska [presently Słowińska] (Aura sc)

Student-trainees from the University of Warsaw (6), Jagiellonian University in Kraków (4), Pultusk Academy of Humanities (1) and Wrocław Technical University (2).

LEBANON

JIYEH (PORPHYREON), see in this volume.

SYRIA

HAWARTE

The conservation team continued work in the Hama Museum on painted fragments of Mithreum decoration transferred there in previous seasons and mounted on a new support. Two new panels of different sizes, one showing a peacock and the other a fragment of floral ceiling decoration, joined the permanent exhibition in the Museum. Dobrochna Zielińska, the author of a virtual reconstruction of the painted decoration, completed documentation for a temporary exhibition proposal for the Museum: “Last Masterpieces of Ancient Painters”, to be shown in 2012 in Warsaw and Hama.

Dates of work: 5 October–1 November 2010

Director: Ewa Parandowska, conservator (National Museum in Warsaw)

Conservators: Elżbieta Bogdanowicz (freelance), Maria Niewiadomska (freelance)
Archaeologists: Dobrochna Zielińska (Institute of Archaeology, University of Warsaw), Piotr Parandowski (freelance)

PALMYRA, season cancelled.

PALMYRA TARIFF

A new project was started in 2010, in collaboration with the Palmyra Museum, aiming at locating the site of the celebrated Tariff, a monumental inscription discovered in 1881 by S. Abamelek Lazarev and transported to St Petersburg in 1901, where it is kept in the Hermitage Museum. The precise site was duly found. However, as the project continued in 2011, it shall be reported in the next issue of PAM.

Dates of work: 18 September–21 October 2010

Director: Prof. Michał Gawlikowski (Institute of Archaeology, University of Warsaw)

Archaeologists: Krystyna Gawlikowska (freelance), Dr. Krzysztof Jakubiak (Institute of Archaeology, University of Warsaw), Dr. Karol Juchniewicz (freelance)

TELL ARBID, see in this volume, also online resource: *PCMA Newsletter 2010* and the project's website: www.tellarbid.uw.eu.pl

TELL ARBID (Adam Mickiewicz University Project), see in this volume, also online resource: *PCMA Newsletter 2010* and the project's website <http://archo.amu.edu.pl/tellarbid/>

TELL QARAMEL

It was a study season, without excavations. The work included the preparation of a new scenario for the exhibition in Aleppo Museum showing the results of the Syrian–Polish excavations on the Protoneolithic and Pre-pottery Neolithic settlement in Tell Qaramel. Another task was processing of archaeological materials discovered in the previous seasons, including flint and obsidian finds, as well as Early Bronze Age pottery. Steps were also taken to develop a site preservation and management project.

Dates of work: 12 April–10 May 2010

Directors: Assist. Prof. Ryszard F. Mazurowski, archaeologist (Institute of Archaeology, University of Warsaw), Dr. Joussef Kanjou, anthropologist (DGAM Damascus; National Museum, Aleppo)

Archaeologists: Qaies About George (DGAM Damascus; National Museum, Aleppo), Abdalla Aref Nasser (DGAM Damascus; National Museum, Aleppo) Marcin Białowarczuk and Artur Grabarek (Institute of Archaeology, University of Warsaw), Dr. Joanna Gawrońska (independent)

Student-trainees: Natalia Bukowska, Aneta Czubińska, Sebastian Jarzab, Zuzanna Rożańska (all Institute of Archaeology, University of Warsaw)

KUWAIT

AS-SABBIYA: BAHRA 1

The autumn season of work of the Kuwaiti–Polish mission was focused on investigating an Ubaid-period settlement, first excavated in 2009. In the course of the current season, two previously recorded sites, SBH 35 and SBH 38, which are just 120 m apart, were found to be sectors of one, large settlement, which was thus renamed as Bahra 1. Excavations in SBH 38 concentrated in House 1, consisting of several rectilinear rooms with stone walls, and in some

cases also paved floors; it was found to have had at least two phases of development. Surface cleaning at SBH 35 uncovered a few rooms with curving, stone walls. A preliminary geological survey aimed at reconstructing the paleomorphology of the region was conducted. A large tumulus grave SMQ 49, the excavation of which had begun in 2009, was fully explored. See also in this volume and the online resource: *PCMA Newsletter 2010*.

Dates of work: 24 October–8 December 2010

Directors: Assist Prof. Piotr Bieliński, archaeologist (Institute of Archaeology, University of Warsaw), Sultan Ad-Duweish, archaeologist (National Council for Culture, Arts and Letters, State of Kuwait)

Ceramologist: Dr. Anna Smogorzewska (Institute of Archaeology, University of Warsaw)

Archaeologists: Maciej Makowski (PhD candidate, Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences), Marta Mierzejewska, Agnieszka Pieńkowska, Agnieszka Szymczak (all PCMA), Urszula Wicenciak (PhD candidate, Antiquity of Southeastern Europe Research Centre, University of Warsaw), Marek Woźniak (freelance), Dr. Magdalena Żurek (Institute of History, Podlaska Academy)

Archaeologists/documentalists: Dorota Bielińska (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences), Marta Momot (PCMA)

Archaeologist, photographer: Andrzej Reiche (National Museum in Warsaw)

Conservator: Ewa Parandowska (National Museum in Warsaw)

Geologist: Hubert Kiersnowski (Polish Geological Institute)

Kite photography: Thomas Sagory

AS-SABBIYA: Tumuli Graves Project, see in this volume and online resource: *PCMA Newsletter 2010*.

IRAN

BARZIN MIHR / Khone-ye Div see in this volume