

PCMA FIELD MISSIONS AND PROJECTS IN 2009

All the PCMA projects, which took place in 2009, 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*, including brief notices in the *PCMA Newsletter Online*, available at www.pcma.uw.edu.pl. Nonetheless, the below listing is intended as a convenient review of all the work by PCMA teams in a given year, rather than as a scientific chronicle of fieldwork.

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, also *PCMA Newsletter 2009*.

BERENIKE

The reactivated Berenike Project, co-run by the PCMA and the University of Delaware, commenced to explore the southwestern bay of Berenike, which is believed to have been the ancient Hellenistic and early Roman harbor. Trenches excavated on top of the partly manmade and partly natural crescent-shaped feature surrounding the bay, bringing to light an early Roman terrace(?) made of pebbles and tamarisk twigs poured with liquid resin to make it waterproof and durable. A substantial cedar post (bollard) stood in the middle of the terrace. A trench was also dug in the early Roman (1st century AD) rubbish dump, producing approximately 200 more or less complete ostraka containing notes regarding the distribution of personal water supplies within the city. See also *PCMA Newsletter 2009* and S.E. Sidebotham and I. Zych (eds), *Berenike 2008-2009. Report on the Excavations at Berenike, including a survey in the Eastern Desert* [=PCMA Excavation Series 1], Warsaw 2011

Dates of work: 25 January–17 February; 27 February–1 March 2009

Directors: Professor Steven E. Sidebotham, archaeologists, numismatist (University of Delaware) Iwona Zych, archaeologist (PCMA)

SCA representative: Hosam El Dein About Abd Elhamied

Archaeologists: Shinu Abraham (St. Lawrence University, Canton, NY), Joanna K. Rądkowska (PhD candidate, Research Center for Mediterranean Archaeology, Polish Academy of Sciences), Marek Woźniak (PhD candidate, Institute of Archaeology and Ethnology, Polish Academy of Sciences)

Volunteers: John and Valerie Seeger

Conservator: Katarzyna Lach (PhD candidate, Jagiellonian University, Kraków)

Papyrologist: Professor Roger S. Bagnall (Columbia University)

Pottery expert: Dr. Roberta S. Tomber (British Museum)

Pottery assistant, archaeologist: Urszula Wicenciak (PhD candidate, Antiquity of Southeastern Europe Research Centre, University of Warsaw)

Glass specialist: Renata Kucharczyk (PCMA)

Archeobotanist: Assoc. Prof. Jarosław Zieliński (Szczecin Agricultural Academy)

Historian: Paul Cherian (Director KCHR and Pattanam Excavations)

Geophysical team: Tomasz Herbich (Institute of Archaeology and Ethnology, Polish Academy of Sciences), Dawid Świąch (freelance)



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)

DAKHLEH OASIS, PETROGLYPH UNIT, see in this volume.

DEIR EL-BAHARI: TOTMES III, see in this volume.

DEIR EL-BAHARI: TEMPLE OF HATSHEPSUT

The main objective of the season was the conservation and setting up a lighting system in the Northern Chamber of Amun-Re, the continued work in the Complex of the Royal Mortuary Cult, and the restoration and documentation work in the Main Sanctuary of Amun-Re, all in the Upper Terrace of the Temple. The restoration of the Complex of the Sun Cult was completed at the end of last season; the Complex is ready for opening for the public. The two Complexes were documented with application of 3D Scanning Technology. The method and the results of documentation were presented during lectures in the Museum of Mummification in Luxor and in the PCMA in Cairo. Statues of Hatshepsut, and related sculptures, sandstone painted sphinxes – moved from the Hasan Ali Storage Museum to Deir el-Bahari – were also studied, as well as samples of different stones discovered in the precinct area.

See also: Z.E. Szafranski, A New Third Intermediate Period Necropolis at Deir el-Bahari, in: Z. Hawass, T. A. Bács and G. Schreiber (eds), Proceedings of the Colloquium on Theban Archaeology at the Supreme, Council of Antiquities, November 5, 2009, Cairo: Supreme Council of Antiquities Press, 2011, 141-148; E. Czyżewska, Temple of Hatshepsut: Pottery from excavations in the Royal Mortuary Cult Complex, PAM 20 (Research 2008), 2011, 212-223

Dates of work: 25 October, 2008–10 April, 2009

Director: Dr. Zbigniew E. Szafranski, archaeologist (PCMA)

Deputy director: Mirosław Barwik, egyptologist (Institute of Archaeology, University of Warsaw)

Archaeologists: Marta Ćwiek (freelance), Ewa Czyżewska (PCMA), Kamila Dolata (State Archaeological Museum in Poznań), Tomasz Górecki (National Museum in Warsaw), Agnieszka Niemirka (PCMA scholarship holder), Iwona Zych (PCMA)

Egyptologists: Olga Białostocka (Research Center for Mediterranean Archaeology scholarship holder), Andrzej Ćwiek (Adam Mickiewicz University, Poznań), Jadwiga Iwaszczuk (Research Center for Mediterranean Archaeology scholarship holder), Cynthia May-Sheikhalisami (American University in Cairo), Frédéric Payraudeau (IFAO), Marta Sankiewicz (PhD candidate, Adam Mickiewicz University, Poznań), Aliaksei Shukanau (IFAO scholarship holder), Anastazja Stupko (PCMA scholarship holder), Dawid F. Wiczorek (PhD candidate, Faculty of History, University of Warsaw)

Architects: Aleksandra Brzozowska (Wrocław University of Technology), Teresa Kaczor (Wrocław University of Technology), Andrzej Kwaśnica (freelance)

Architect, documentalist: Jacek Kościuch (Wrocław University of Technology)

Conservators: Rajmund Gazda (freelance), Krystyna Wadzyńska (freelance)

Painting restorer: Maria Lulkiewicz (freelance)

Sculptors, restorers: Wojciech Myjak (freelance), Andrzej Sośnierz (freelance)

Geologist: Michał Wasilewski (Jagiellonian University, Kraków)

Topographer: Waldemar Kubisz (GeoProjekt, Warsaw)

Engineering statics specialist: Mieczysław Michiewicz (freelance)

Technician: Mariusz Dybich (PCMA)

Photographer: Maciej Jawornicki (freelance)

Documentalist: Marek Puszkarski (PCMA)

Student trainees: Sarah Fortune (University of Manchester), Mariola Krasuska (PhD candidate, Maria Skłodowska-Curie University, Lublin), Przemysław Kulawiński (Faculty of History,

University “La Sapienza”, Rome), Maria Mathia (PCMA scholarship holder), Agata Smilgin (PCMA scholarship holder)

MAREA, see in this volume.

MARINA EL-ALAMEIN, see in this volume.

NAQLUN, see in this volume, also PCMA Newsletter 2009.

PELUSIUM

Third season of geophysical mapping of the area inside the northern limits of the town was a part of a broader study aimed at reconstructing the urban layout of sites in the Nile Delta based on the results of geophysical research. Close to 9 ha were mapped by the magnetic and some 4.5 ha by the resistivity method. The electrical resistivity survey has helped to clarify the plan of a number of structures mapped by the magnetic method. See also PCMA Newsletter 2009.

Dates of work: 3–9 May 2009

Project head: Tomasz Herbich (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

Team: Artur Buszek (Institute of Archaeology, Jagiellonian University, Kraków), Robert Ryndziewicz (Institute of Archaeology, Maria Skłodowska-Curie University, Lublin), Dawid Święch (freelance), Szymon Zdziebłowski (Institute of Archaeology, Jagiellonian University, Kraków)

SAQQARA, see in this volume.

SHEIKH ABD EL-GURNA

Excavations focused on the southern part of the courtyard in front of the hermitage, where a ramp of stone rubble with few artifacts was uncovered. Specialist conservation focused on several bronze objects found in 2003 and on a few iron objects from different seasons. Specialist studies were carried out in the SCA storerooms on material from the complex, including ostraka, textiles (more than 300 fragments) and pottery (several hundred sherds dating from the Middle Kingdom to the Hellenistic period). Anthropological, archaeozoological, dendro-chronological and botanical analyses were also carried out. A joint report on the 2009 and successive seasons will be published in *PAM* 22.

Dates of work: 1 November–16 December 2009

Director: Tomasz Górecki (National Museum in Warsaw)

SCA representative: Hussein Mohamed Hussein (fieldwork supervision), Magda Sadiy Ebid (Supervision of work in the Gurna storehouse)

Anthropologist: Beata Balukiewicz (freelance)

Pottery specialists: Dr. Teodozja Rzeuska (Research Center for Mediterranean Archaeology, Polish Academy of Sciences)

Plaitwork specialist: Christiane Hochstrasser-Petit (freelance)

Pottery specialist: Mariola Orzechowska (freelance)

Archaeobotanist: Assoc. Prof. Jarosław Zieliński (Szczecin Agricultural Academy)

Archaeozoologist: Urszula Iwaszczuk (freelance)

Textiles restorer: Barbara Czaja-Szewczak (Museum-Palace Wilanów)

Metal restorer: Władysław Weker (State Archaeological Museum, Warsaw)

Photographer: Dariusz Dąbkowski (freelance)

Student-trainee: Julia Górecka (Institute of Archaeology, University of Warsaw)

SHEIKH ABD EL-GURNA: THE MANUSCRIPTS CONSERVATION MISSION

The one-man mission works in the National Museum in Alexandria, where the manuscripts are held. A check of the manuscripts' state of preservation showed all three of them to be strongly infested with fungi. Preparations for microbiological analyses and disinfection were made. For previous reports, see: Daria Kordowska, Anna Thommée, *Koptyjskie manuskrypty z Gurna (Egipt). Historia znaleziska i metody konserwacji* [in:] J. Malinowski (ed.), *Sztuka Azji i Afryki. Studia o Sztuce Bliskiego i Środkowego Wschodu*, Warsaw 2009: Wydawnictwo Trio, Polskie Stowarzyszenie Sztuki Orientu, 9–20 [*Materiały IV Spotkania Historyków Sztuki i Konserwatorów Dziel Sztuki Orientu, Toruń 28–30.06.2006; część II / Papers presented at the Fourth Meeting of Art Historians and Restorers of Oriental Works of Art, Toruń 28–30.06.2006; part 2*], Warsaw 2009

Dates of work: April 2009

Acting director: Anna Thommée, conservator (The Ateliers for conservation of Cultural Property, S.A.)

SCA representative: Safinez Ali Mohammed (National Museum in Alexandria)

Inspector: Amira Abu-Bakr El-Khousht (General Director of Restoration in Alexandria and Marsa Matrouh)

TELL EL-FARKHA (GHAZALA), see in this volume.

TELL EL-RETABA, see in this volume.

SUDAN

DONGOLA, see in this volume, also PCMA Newsletter 2009.

FOURTH CATARACT, see in this volume.

EARLY MAKURIA RESEARCH PROJECT: EL-ZUMA

Third season of excavations at the el-Zuma cemetery field aimed at further verification of burial typology. Three tumuli: T.11, T.13, and T.17 were chosen for exploration. T.11 and 13 appeared to be a modified version of tumulus Type II (with flat top), although T.11 had an L-shaped plan of substructure, being a departure from the type. Also the shaft of T. 17, assigned to Type III, is trapezoid in plan, rather than rectangular as is standard for the type. However, T.13 had a typical U-shaped shaft, found also in previous seasons. See also: Mahmoud el-Tayeb, Ewa Czyżewska, Excavations at ez-Zuma. The Third Season, Jan.–Feb. 2009, *Sudan and Nubia* 15 (2011), 108–118; Katarzyna Juszczuk, Report on burial architecture of tumuli T.11 and T.13, *Sudan and Nubia* 15 (2011), 119–123; Mahmoud El-Tayeb, Funerary Traditions in Nubian Early Makuria [= *African Reports Monograph Series* 1; *GAMAR* 9], Gdańsk 2012, and the *PCMA Newsletter 2009*. See also in this volume.

Dates of work: 2 January–15 February 2009

Director: Dr. Mahmoud El-Tayeb, archaeologist (PCMA)

NCAM representative: Neamat Mohamed El-Hassan

Archaeologist: Katarzyna Juszczuk (Ph.D. candidate, Jagiellonian University, Kraków)

Archaeologist, documentalist: Ewa Czyżewska (PCMA)

Archaeologist, ceramologist: Edyta Klimaszewska-Drabot (Ph.D. candidate, Institute of Archaeology, University of Warsaw)

Archaeologist, photographer: Olga Białostocka (Research Center for Mediterranean Archaeology, Polish Academy of Sciences)

Student trainee: Gamal El-Din Abu-Baker (Department of Archaeology, Karima)
Volunteer: Miłosz Dorsz

CYPRUS

NEA PAPHOS, see in this volume.

LEBANON

JIIYEH (PORPHYREON) AND CHHĪM, see in this volume, also PCMA Newsletter 2009 (Jiyeh).

SYRIA

HAWARTE, see in this volume. Published this year: M. Wagner, D. Zielińska (eds), *Hawarte. Ostatnie arcydzieła mistrzów antyku/Last Masterpieces of Ancient Painters*, Warszawa 2012.

PALMYRA, see in this volume, also PCMA Newsletter 2009.

TELL ARBID, see in this volume, also PCMA Newsletter 2009.

TELL ARBID (Adam Mickiewicz University Project), see in this volume, also PCMA Newsletter 2009 and the project's website <http://archo.amu.edu.pl/tellarbid/>.

TELL QARAMEL, see in this volume.

KUWAIT

AS-SABBIYA

Four separate projects were undertaken concurrently, two of these being a continuation of previous work on excavating a desert well site SM 12 and of stone tumuli in the Mugheira and Muheita regions. The new projects involved a survey of the region and preliminary excavations of an Ubaid-period site SBH 38 (short for Sabbiya-Bahra, later re-named as Bahra 1). See also PCMA Newsletter 2009.

Dates of work: 26 October–4 December 2009

Directors: Assoc. Prof. Piotr Bieliński, archaeologist (Institute of Archaeology, University of Warsaw), Sultan Ad-Duweish (Department of Antiquities and Museums of the State of Kuwait)

Field director: Dr. Łukasz Rutkowski (PCMA)

Archaeologists: Anna Maria Kotarba-Morley (freelance), Maciej Makowski (PhD candidate, Polish Academy of Sciences), Dr. Franciszek Pawlicki (PCMA), Agnieszka Pieńkowska (PCMA), Agnieszka Szymczak (PCMA), Urszula Wicenciak (PhD candidate, Antiquity of Southeastern Europe Research Centre, University of Warsaw), Łukasz Wojnarowicz (freelance), Dr. Magdalena Żurek (Institute of History, Podlaska Academy)

Archaeologist and ceramologist: Dr. Anna Smogorzewska (Institute of Archaeology, University of Warsaw)

Archaeologist and photographer: Andrzej Reiche (National Museum of Warsaw)

Archaeologists and documentalists: Dorota Bielińska (Research Center for Mediterranean Archaeology, Polish Academy of Sciences), Marta Momot (PCMA)

Archaeologists and technical assistance: Mohammad Al-Azmi, Haled Issa El-Rifai, Talal Abdalla Shameri (all from the Department of Antiquities and Museums of the State of Kuwait)

Topographer: Roman Łopaciuk (Geomatic Company)

Restorer: Mustafa Al-Ansari (Department of Antiquities and Museums of the State of Kuwait)