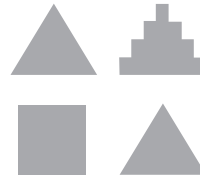


# P R A G U E EGYPTOLOGICAL S T U D I E S



X X I / 2 0 1 8

CZECH INSTITUTE OF EGYPTOLOGY



FACULTY OF ARTS  
Charles University

## Editorial board

Prof. Mgr. Miroslav Bárta, Dr.  
Ao. Univ.-Prof. Dr. Peter-Christian  
Jánosi  
Prof. Peter Der Manuelian  
Juniorprof. Dr. Joanne Rowland  
Mgr. Renata Landgráfová, Ph.D.  
Dr. Gabriele Pieke  
Dr. Teodozja Rzeuska

## Executive editor

Mgr. Marie Peterková Hlouchová

## Editors

Mgr. Katarína Arias Kytarová, Ph.D.  
Mgr. Alexandra Pastoreková

## Publisher

Charles University,  
Faculty of Arts, Czech Institute  
of Egyptology, Celetná 20,  
110 00 Praha 1,  
<http://egyptologie.ff.cuni.cz>

The study was compiled within  
the framework of the Charles  
University Progress project  
Q11 Complexity and resilience.  
Ancient Egyptian civilisation in  
multidisciplinary and multicultural  
perspective

## Photographs and illustrations

Archive of the Czech Institute  
of Egyptology FA CU, Merel  
Baeyens, Emanuele Brienza,  
Andrea D'Andrea, Maria  
Dobrovolskaya, Google Earth,  
Maksim Lebedev, Elisabeth  
Majerus, Svetlana Malych,  
Mohamed Osman, QuickBird,  
Geertrui Storms, Carla Swerts,  
Bart Vanthuyne, Sergey Vetokhov,  
Patrizia Zanfagna

## Language review

RNDr. Milan Rydvan

## Typography

PhDr. Oleg Man

## Typesetting and print

SERIFA, s. r. o., Jinonická 80,  
150 00 Praha 5

ISSN 1214-3189

## Copyright

Charles University

## Photograph on the front page

Fragment of the niche of the false  
door from the tomb of Ankhires  
(AS 98) (photo M. Frouz)

## Dear readers,

The Czech Institute of Egyptology (prior to 1993, the Czechoslovak Institute of Egyptology) celebrates its 60<sup>th</sup> anniversary this year. The beginnings of its activities in the field are closely tied to the UNESCO campaigns organised in the early 1960s in order to save monuments of ancient Nubia in connection with the construction of the Aswan High Dam. The archaeological works on the pyramid field of Abusir, which took place only a few years later, were originally focused on the Fifth Dynasty mastaba tomb of Vizier Ptahshepses. The concession at Abusir as well as the tomb itself had a significant impact on the evolution of the Old Kingdom studies centred in Prague. It is hoped that the new reports and studies presented in this issue of the *Prague Egyptological Studies* will further the knowledge of Third Millennium BC Egypt.

Published reports include one on the tomb of Ankhires, inspector of hairdressers of the Great House (AS 98) recently discovered in Abusir South and dated to the reign of Nyuserre. Another study dedicated to Djedkare's pyramid complex summarises major achievements of the 2017 season on the site. The history of Abu Ghurab's sun temples is covered by a report on the 2017 season documenting architectural vestiges preserved in the temple complex of Nyuserre. The penultimate paper deals with a new necropolis of specifically designed tombs discovered in Abusir South underlying the temple of Ramesse II. The concluding text in this part presents a preliminary survey summary on the Beni Hasan el-Shuruq region during the Old Kingdom.

The reports are followed by a study focusing on a specific case of decapitation attested from Old Kingdom Giza. The issue continues with reviews of two recent publications. The first one focuses on the complex of Ninetjer painstakingly excavated by the German Archaeological Institute in Saqqara while the second offers an impressive example of the use of 3D modelling and virtual reality techniques applied to the pyramid field in Giza. The final paper is dedicated to methodology of geodetic works carried out in Abusir.

The issue covers a broad range of topics dealing with exploration not only at the Memphite necropolis but also in the provinces, describing new methods and approaches to the research. As most studies provide a more general framework for the presented data, thus gaining on universal relevance and significance, they may be of interest not only to Egyptologists but also to laypeople and specialists from other fields of archaeological or historical studies.

Miroslav Bárta

## Contents

### REPORTS

Tomb at Abusir South from a time of change belonging to Ankhires, inspector of hairdressers of the Great House (AS 98) (Veronika Dulíková – Miroslav Bárta – Martin Odler – Marie Peterková Hlouchová – Zdeňka Sůvová) . . . . .	3
Djedkare's pyramid complex: Preliminary report of the 2017 season (Mohamed Megahed – Peter Jánosi – Hana Vymazalová) . . . . .	34
Sun temple of Nyuserre in Abu Ghurab: Report of the 2017 season (Massimiliano Nuzzolo – Rosanna Pirelli – Patrizia Zanfagna – Andrea D'Andrea – Angela Bosco – Mohamed Osman – Jaromír Krejčí – Emanuele Brienza) . . . . .	45
New Egyptian tomb type found at Abusir South? Report on the excavations of mud brick complex AS 103 (Martin Odler – Marie Peterková Hlouchová – Katarína Arias Kytarová – Petra Havelková) . . . . .	73
The Beni Hasan el-Shuruq region in the Old Kingdom: A preliminary survey report (Bart Vanthuyne) . . . . .	94

### STUDY

A case of decapitation from Giza (Maksim Lebedev – Maria Dobrovolskaya – Maria Mednikova) . . .	106
---	-----

### BOOK REVIEWS

Lacher-Raschdorff, Claudia M.: 2014 <i>Das Grab des Königs Ninetjer in Saqqara. Architektonische Entwicklung frühzeitlicher Grabanlagen in Ägypten</i> , Wiesbaden: Harrassowitz (review by Jaromír Krejčí) . . . . .	120
Manuelian, Peter Der: 2017 <i>Digital Giza: Visualizing the Pyramids</i> , Cambridge, Massachusetts: Harvard University Press (review by Martin Odler) . . . . .	123

### METHODOLOGY

New geodetic control network of Czech concession at Abusir (Vladimír Brůna – Martin Odler – Miroslav Bárta – Mohamed Megahed) . . . . .	125
---	-----