Contents

Reports

Lithic Material from the Late Neolithic Site of es-Sour, Central Sudan
Azhari Mustafa Sadig

David N. Edwards and A. J. Mills

A Note on the Akasha Rock-Inscriptions [21-S-29]
Vivian Davies

Creating a Virtual Reconstruction of the Seti I Inscription at Jebel Dosha
Susie Green

Archaeobotanical Investigations at the Gala Abu Ahmed Fortress in Lower Wadi Howar, Northern Sudan

The Site and the Findings
Friederike Jesse

Phytoliths on Grinding Stones and Wood Charcoal Analysis
Barbara Eichhorn

The Fruit and Seed Remains
Stefanie Kahlebeber

New Excavations at El-Kurru: Beyond the Napatan Royal Cemetery

Introduction
Geoff Emberling and Rachael J. Dann

Investigating Settlement at El-Kurru
Geoff Emberling

Geophysical Prospection in the Archaeological Settlement of El-Kurru
Mohamed Abdelrahman Mohamed-Ali

Coring and Soundings in the El-Kurru Settlement
Tim Bosz Braun Skuldbol

Five-sided Corinthian Capitals in the Mortuary Temple at El-Kurru
Jack Cheng

Geophysical Survey at the El-Kurru cemetery
Ed Blinkhorn

Sedeinga 2012: A Season of Unexpected Discoveries
Claude Rilly and Vincent Francigny

The Latest Explorations at Usli, Northern Province
Miroslav Bártá, Lenka Suková and Vladimír Brůna

Dangeil 2012: Sacred Ram – Avatar of the God Amun
Julie Anderson and Salah Mohamed Ahmed

Dangeil, A Preliminary Report on the Petrography
Meredith Brand

A Third Season of Rescue Excavations in the Meroitic Cemetery at Berber, October 2012: Preliminary Report
Mahmoud Suliman Bashir

Jawgul – A Village Between Towers
Mariusz Drywiecki and Piotr Maliński

The Archaeology of the Medieval and Post-Medieval Fortress at Tinare in the Northern El-Mahas
Abdelrahman Ibrahim Saeed Ali

Upper Atbara Setiet Dam Archaeological Salvage Project (ASDASP), the Rescue Excavation Results on the Western Bank of the Atbara: Preliminary Report
Murtada Shurafa Mohamed, Mohammed Saad Abdalalah, Sami Elamien Mohammed and Zakki aildien Mahmoud

Archaeological, Ethnographical and Ecological Project of El-Ga’ab Basin in Western Dongola: A Report on the Second Season 2010
Yahia Fadl Tabir

Surveys at the Fifth Cataract and on the Sudan Military Railway and excavations at Kawa, 2012-13
Derek A. Welsby

Archaeological Survey in El-Metemma area
Nada Babiker Mohammed Ibrahim

Archaeological Survey of Aba Island:
Preliminary Report
Abdel Hussein Abdel Rahman Adam

From Nubia to Arizona – and back; or, Reisner comes Home
William Y. Adams

Miscellaneous

Obituary
Michel Azim
Brigitte Gratian

Review
William Y. Adams

Front cover: The descendary of Tomb IV T 1 near Sedeinga under excavation (© V. Francigny / SEDAU).

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Archaeological Survey in El-Metemma area

Nada Babiker Mohammed Ibrahim

Introduction
The town of Shendi lies to the north of Khartoum on the east bank of the Nile in northern Sudan, at 16° 40.964’ N / 33° 26.213’ E, and is 45km to the south west of the Royal City of Meroe (Begrawiya). It is considered to be the centre of the Jaalieen tribe and has a long history as a major trade centre with important commercial land routes passing through it. On the west bank of the Nile lies el-Metemma, a suburb of Shendi.

The Shendi area contains archaeological sites relating to different civilizations on the east bank of the Nile, of which the most famous is that of Kush, remains which have attracted the attention of foreign missions since the beginning of the 20th century and where they excavate annually. The west bank of the Nile has not been so well studied except for some activities by the French unit in el-Hobagi and by Khider Ahmed Abdel Kareem in Qoz Borrah. This article reports on recent archaeological research on the west bank of the Nile so as to integrate it into the archaeological research.

The Climate of the Shendi Region
The Shendi region lies in the south of the River Nile State extending alongside the Nile. The climate here is desert and semi-desert. The temperature reaches 45º C in the summer and the humidity becomes progressively lower in May and June which are the hottest months of the year. In winter, the temperature falls to 15º C in January (Abdelatif and Ahmed 2008, 58). Rainfall ranges from a few millimeters to 200mm a year. In 1999 the area from Shendi to Atbara witnessed heavy rains, something not repeated in the last decade (Abdelatif and Ahmed 2008, 60).

The natural environment of the Shendi Region
In the Shendi region, the granite basement complex emerges in the form of mountains (Whiteman 1971), with the largest outcrops extending on both sides of the Nile, producing the Sabaloka Cataract (Sixth Cataract). Downstream of the Sabaloka Cataract, the Nile flows in a wide channel through silt soil on both of its banks. Although the River Nile changes its course from side to side over the years, there are always areas to be irrigated, today by mechanized water pumps, in the past using the saqia wheels (Barbour 1961, 35). Because of its changing course the Nile has formed low lying areas which, when the river floods, are covered, allowing flood water irrigation to be carried out which augments the irrigated land.

The Archaeological Survey in el-Metemma Area
The el-Metemma region lies on the west bank of the Nile, a long strip of about 168km parallel to the river. To the north it is bounded by ed-Damer and to the south its boundary is the Karari locality in Khartoum State. To the ‘east’ is the Nile, to the ‘west’ is the Bayuda. El-Metemma is divided into two parts, an old and modern town, within which are several districts. Amongst the archaeological sites that were recorded are graves, a factory for producing pigments, qubba, battlefields and khalawy.

The Archaeological Sites in el-Metemma

Esh-Sheikh Wad Abbaro qubba
16.70696° N / 33.40782° E
This qubba is considered to be one of those which still retain their ancient form, as they are surrounded by a building of red bricks preserving their old features (Figure 1, Plate 1).

Plate 1. Qubba of Wad Abbaro surrounded by the modern building which has preserved it.

It is the only qubba in the vicinity of el-Metemma which was not rebuilt in the modern style. It lies to the east of Hillat Farah to the south east of the Wad Himmedah qubba and to the east of the el-Metemma - Shendi bridge about 300m from the Nile. The area is surrounded by cultivated land and

Plate 2. Wad Abbaro qubba. The remains of the cemetery to the east.
sand dunes. The qubba, built from mud bricks, is conical. The diameter is 5m and it is 10m high. To the east of the qubba are the remains of old graves (Plate 2), covering an area of 36 × 26m, that are scattered on the surface, which were disturbed by natural factors, in addition to the el-Metemma - Shendi bridge which was built before an archaeological survey was made in this area. In front of the qubba there is a circular area that is surrounded in part by black sandstones which according to a local man, Mohammed Suleiman Wad Filleil, is called ‘Hoor’ (Plate 3) and is a place for giving blessings to the people of this region.

The outline of the ‘Hoor’ seems to be an old grave, and some of the graves that are to the east indicate that there are graves from the Meroitic or maybe of the Post-Meroitic period in this area.

**Shengiti cemetery 16.70774° N / 33.3574° E**

This cemetery (Plate 4), the earliest grave in which is said to date to 1885, lies to the south of the Sanahir district in el-Metemma, 2km from the Nile. It takes its name from Sayid Mohamed, the son of Mukhatr esh-Shingiti, who established the Tigania in Sudan in the 12th century of the Hegira and settled in el-Metemma until his death. The cemetery covers 38 × 28m, with nine grave monuments remaining built of bricks covered with plaster. These are of rectangular shape, 3-4m long and 1.6-2m wide and 0.95-1m high.

**Abu Khorog and Abu Ramad Sites**

16.69021° N / 33.32813° E and 16.69154° N / 33.32943° E

The site lies about 2km to the west of el-Metemma and about 100m from the Nile. During the Funj period it was a place for memorizing the Quran. Nothing now remains from that time and it is occupied by modern cemeteries.

**Abu Toleih Site**

Abu Toleih is a watering point for caravans crossing the Bayuda Desert on the route between Merowe and el-Metemma. The battle at Abu Toleih (Abu Klea) between the Mahdiya army and the British army's Desert Column occurred in the valley here, about 32km north west of el-Metemma, on the 17th January 1885. The tombs of the British officers who were killed in the battle still remain and on a small monument is a plaque on which are the names of those officers (Plates 5 and 6).

**El-Metemma Slaughtering Sites (known as katla i.e. slaughtering)**

**Historical background of el-Metemma Slaughtering**

According to Abdullahi Wad Saad, the son of Abdullah Wad Saad:

> ‘When Slatin, the Austrian, escaped, Elkhalifah Abdullahi accused the Jaaliyin tribe; it was they who helped him to escape as they hated Mahadiyah in
the sake of his family, wealth or his religion'. Then they sent to the government in Egypt for salvation, but when Al-Khalifa had knowledge of this plan, he encourage Mahmood to hurry to Matamma to arrive there before this plan could take effect. Mahmood arrived there on Wednesday at night and on Thursday he attacked in the morning and when it was noon he finished this matter of Matamma defeating and killing Abdullah Wad Saad and the people fled and some of them were killed. And on the same day the Government relief force came, accompanied with groups of Jaliyin and Ababda tribes and some of other tribes lead by Ibrahim Bey. When the battle of Atbara at Nikhila took place the army of Mahmood was defeated and Mahmood was killed' (Mahmoud Mohamed Ali Namir and Mohamed Saaeed Maroof 1947, 30).

As a consequence of this slaughter, el-Metemma retains some of the remains of sites that witnessed this event.

Bir Alarais site i.e. (Brides’ Well)

16º 0.476’ N / 33º 35.176’ E

The well is now buried. It is in Hillat el-Gala’a in el-Metemma. According to the natives in the area, as recounted by one of them,

‘When the Khalifa Abdullahi asked Abdallah Wad Saad to give Mahmood Wad Ahmed, the leader, what he asked from their property, even if he asked to marry any woman, his request had to be accepted. Abdallah Wad Saad refused, and upon his refusal of this demand, i.e. the women refused to become wives of Mahmood and his soldiers, some of the women of Matemma committed suicide by jumping in this well, and so it is called the Brides’ well - ‘Bir Alarais’ [Alarais meaning brides in English]. The place is known to the people of the area.’

(pers. comm. Babiker Aljarmak).

The Hoor of el-Geili Jar Nadhif

16º 0.955’ N / 33º 35.813’ E

This lies near the Nile, south of the middle of el-Metemma (Plate 7). In a meeting with Babiker Aljarmak he mentioned...
that 'This site is the second place of the slaughtering and there are some of the tombs of those killed and it is surrounded by black stones as a sign so as to keep the site.'

**El-Medan el-Gadeem 16.70568º N / 33.35312º E**

This is an elevated place (Plate 8) that lies to the east of 'Hil-lat Wara' i.e. the back place of the city, and it is bordered by cultivated land to the south. It is the location of the graves of some of those who were killed in the slaughtering. The people of this area said that whenever they dug in this place, there appeared human bones and nails, proving the existence of graves there.

**Battlefield Sites**

There are two battlefield sites registered:

**Deim Mahmood Wad Ahmed**

16.72507º N / 33.3652º E

The site lies to the east of el-Metemma stadium and the Regional Government offices 320m from the Nile. It consists of the remains of Mahmood Wad Ahmed’s camp where the remains of trenches appear inside the camp. There is also a circular building made from red bricks, and according to Babiker el-Jarmak, we know that it was a watch post for observing Abdallah Wad Saad’s army. The site is covered with red sandstones.

**Khalawy**

One of el-Metemma’s inhabitants, El-Said Osman, said that ‘Matemma was a place where there were a lot of khalawy, some of which existed for a hundred years or more, and some of them are rehabilitated but they stay empty, and there also are only some parts of the old khalawy’.

**Khalwat Es-Sayed el-Hassan**

N16.77852º N / 33.5237º E

This khalwa lies to the west of el-Metemma’s market in Hil-lat Wast i.e. in the centre of the town. Its courtyard walls are rebuilt from the outside, and a new hall has been added, although a small room built of mud remains as it was, with an area of 2 × 2m and with a narrow entrance (Plate 9). It is said to be a tomb of one of the holy men. There is also a part of the yard remaining that was built from mud (Plate 10).

‘and of them is El-Rayih Mohamed the son of El-Mahboub en-Nafaabi, mercy be upon him, was one of those whom people benefitted from. He was more or less a humble man and tended not to be famous. There were many blessed deeds known about him. He died, mercy be upon him, in Matemma and was buried in it. As a matter of fact, Khalawy el-Metemma and the religious scholars who taught in them played an effective role in spreading the instructions of Islam, and participating in the education as well. The khalawy at that time represented an important institution of education but sadly, the old building has been removed and it is now rebuilt’

(Sheikh Noor Eldaim nd, 342).
The Colour Khana Pigments Site
16.71043° N / 33.36015° E
This is a factory for producing pigments, and it was estab-
lished during the Turkiya. The factory lies in Hillat Hosh 
el-Mek, i.e. ‘The royal courtyard’, in el-Metemma 1km from 
the Nile (Plate 11). The building consists of 5m-high walls 
built of red brick (Plate 12), within which are tanks and 
channels for draining the water to the outside. It is known, 
amongst the dwellers of the area, as the ‘Kira Khana’. During 
a meeting with Osman Hamid he mentioned that the Turks 
brought some Egyptians for cultivating the Nilah plant, from 
which the pigments were produced, to many areas such as 
el-Metemma, Sagadi, el-Gibalab and Berber. The selection 
of these areas may be because of the existence of the local 
weavers, women who used a ‘mitrar’ (spindle) to produce 
cotton fabric.

Conclusion
- The khalyay and the qubba reflect the religious importance 
of the area.
- Most of the archaeological sites which survive in el-
Metemma go back to the era of the Mahdiya.

The progress of the local weaving tradition with the 
establishment of factories during the Turkiya (The Colour 
Khana Factory).
- The disruptive influence of the agricultural projects, and 
the el-Metemma-Shendi Bridge on the archaeological sites 
that lie on the banks of the Nile is noted.
- There is an absence of monumental buildings on the 
west side of the Nile comparable to the palaces and temples 
found on the east bank of the river. Maybe, the west bank 
was the dwelling place for the labourers and for agricultural 
production, as it is still a highly productive agricultural region 
on which the dwellers of the east bank rely.

Bibliography
In Arabic
Mahmoud Mohamed Ali Namir and Mohamed Saeed Marcoof. Book 
of Modern Sudan. No. 4, Alja’aliyoon.

In English
Pollution of Ground Water in Shendi-Atbara Basin, River Nile State’, 
Sudan Journal of Applied Sciences, INSI net Publication 
http://www.edc.org/
London.

Interviews
Abas Mohammed Suleiman Wdfelal, farmer, 70 
years old, el-Metemma. June 2008
Babiker Elgrmak, teacher, 50 years old, el-
Metemma. June 2008
Kamal Nawh, farmer, 55 years old, el-Metemma. 
June 2008
Osman Hamed, teacher, 53 years old, el-
Please order these books from the Honorary Secretary at the Society’s address.
Khartoum. The Republican Palace, once the Governor General’s residence, in 1968 (photo SARS Hawkes Archive HAW P091.01).