Abgadiyat

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Guidelines for Contributors

Initial Submission for Refereeing

The manuscript must be submitted in three copies for refereeing purposes. The Journal of *Abgadiyat* follows the *Chicago Manual of Style*, with some modifications as cited below.

Final Submission

- 1- The final text (following amendments recommended by the editor or referees) must be provided on disk preferably CD, using MS Word, composed in 14 point fort for Arabic and 12 point fort for other languages.
- 2- The text should be in hard copy, printed clearly on A4 or standard American paper, on one side only, double-spaced throughout and with ample margins. Please do not justify the right-hand margin.
- 3- Please do not employ multiple typeface styles or sizes.
- 4 The Journal of *Abgadiyat* does not use titles such as Dr, or Prof. in text or notes or for authors.
- 5- Brackets should be all round-shaped, e.g. (.....)
- 6- Use single quotation marks throughout. ' '
- 7- Avoid Arabic diacriticals. Only use in quotes.
- 8- The numbers of dynasties must be spelled out, e.g. 'Eighteenth Dynasty' and not '18th Dynasty' or 'Dynasty 18'. Similarly, numbers of centuries should be spelled out, e.g. 'fifth century BCE', 'second century CE'. BCE and CE should be in capitals.
- 9- The '_' dash between dates, page references, etc. (1901/02, 133–210) is an en-dash not a hyphen.

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Contributors must check with the editor, in advance, if the text employs any non-standard fonts (e.g. transliterations, Hieroglyphics, Greek, Coptic, etc.) and may be asked to supply these on a disk with the text.

TRANSCRIPTIONS OF ARABIC WORDS

- 1- The initial hamza (\$) is not transcribed: amāna, ka-sura.
- 2- The article (al) should be connected with the word it determines through a hyphen, avoiding what is known in Arabic as 'solar' *al*, i.e. it should be written whether pronounced or not: *al-šams, al-qamar*.
- 3- No capital letter is given to the article (al) but the word it determines, except at the beginning of a sentence where the article also must have a capital letter: *al-Gabarti*.
- 4- Arabic diacritics are not transcribed: *laylat al qadr, and not laylatu l-qadri*.
- 5- The (*tā*' marbuta) is written as a, but if followed by genitive it should be written as *al-madina*, *madinat al-Qahira*.
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- Arabic singular: waqf,
- Arabic plural: awqaf,
- Arabic singular followed by (s) in Roman letters: *waqf-s*.

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CITATIONS should take the form of:

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I. Mathieson, 'Magnetometer Surveys on Kiln Sites at Amarna', in B.J. Kemp (ed.), *Amarna Reports* VI, *EES Occasional Publications* 10 (London, 1995), 218-220.

• Cite subsequently as: Mathieson, in Kemp (ed.), *Amarna Reports* VI, 218-220.

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Monographs

E. Strouhal, *Life in Ancient Egypt* (Cambridge, 1992), 35-38.

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D.M. Bailey, *Excavations at el-Ashmunein*, V. *Pottery, Lamps and Glass of the Late Roman and Early Arab periods* (London, 1998), 140.

• Cite subsequently as: Bailey, *Excavations at el-Ashmunein*, V. 140.

Series publication

W.M.F. Petrie, *Hyksos and Israelite Cities*, *BSAE* 12 (London, 1906), 37, pl.38.A, no.26.

• Cite subsequently as: Petrie, *Hyksos and Israelite Cities*, 37, pl. 38.A, no. 26.

Dissertations

Josef W. Wegner, *The Mortuary Complex of Senwosret III: A Study of Middle Kingdom State Activity and the Cult of Osiris at Abydos* (PhD diss., University of Pennsylvania, 1996), 45-55.

• Cite subsequently as: Wegner, *The Mortuary Complex of Senwosret III*, 45-55.

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• Cite preferentially to a hard-copy edition of material posted on a website. If material is available solely in electronic form, provide sufficient information to enable users to correctly access the sources. However, a citation

such as www.mfa.org/artemis/fullrecord. asp?oid=36525&did=200. might be more elegantly, if less directly, expressed textually: See, for example, acc. 19.162, illustrated at www.mfa.org/artemis. The http:// protocol may be omitted in citations to sources posted on the World Wide Web (e.g., www.mfa.org/giza, rather than http://www.mfa.org/giza); it should be retained in other instances (e.g., http:// aaupnet.org; or http://w3.arizona.edu/~egypt/)

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- These should be scanned at 300 dpi for reproduction at the same size. The images should be saved as CMYK TIFF files (JPEGs are rarely adequate).
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- All image files must be submitted on a CD. Please do not e-mail images to the editors without prior consultation.

CAPTIONS

• For figures, appropriate credit should be provided, double-spaced, on a separate sheet, and in electronic form on the CD with the final version of the article.

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Introduction

During the past five years, the *Abgadiyat* journal has appeared in order to bridge the existing gap in the fields of writings and scripts studies. This gap was not on the local level only, but as well as on the regional level; wherein there was no practical or precise journal concerning the affairs of writings and scripts in the world across the ages. *Abgadiyat* carries the most important goals of the Center for Studies of Writings and Scripts, including the increase of the number of rare specialists among writings and inscriptions that need to be studied and to spreading the consciousness of writings and inscriptions on the level among the non-specialists. Perhaps, this is the main reason for considering the Delegation of Antiquities in the High Council for Universities for *Abgadiyat* as a regional journal.

This issue, specifically, is considered one of the most important issues why *Abgadiyat* is published, and we are greatly pleased — as a team working on the revision of the Journal — when a number of researchers competing in publishing their research within issues in the Journal; where the team revising the Journal came across a number of research from different countries and from all universities. As a result, we helped in upgrading the scientific level of *Abgadiyat*.

Also among the fundamentals that *Abgadiyat* emphasizes is the support of young researchers to publish their research in the Journal. It is known to all that one of the goals of the Bibliotheca Alexandrina is to encourage and support young researchers in all research and practical fields. Thus, the Journal has received research investigations from a number of young researchers, who are hoped to meet the criteria, after the Council of Practical Specialized Ruling has approved their research and recommend their research with the ability, quality and readiness for publishing.

Following the research of the Journal, he finds a great diversity in the research topics that the Journal displays. Despite everything, it carries one goal, the interest in inscriptions and writings; displayed is research dealing with different perspectives. These perspectives include research from the linguistic, historical, and artistic perspectives; leading to a balance to all the axes of practical research.

The sixth issue of *Abgadiyat* overflows with a group of valuable research concerning inscription of the ancient Egyptian language; whether they were found in the Sarabeet al-Khadem, Wadi al-Hammamat or Wadi al-Jawasis areas, or those that date to the second era of transition, or concern administrative nicknames in ancient Egypt, or what some papyri dealt with in writing about the afterlife according to Ancient Egypt, or the efforts of some researchers in the field of the ancient Egyptian language, such as Professor Ahmed Kamal Pasha and his linguistic dictionary concerning the writings from the Coptic age that were dealt with from the artistic perspective stating the shape of icons, from the historical perspective stating the first Copts who wrote in Arabic, and concerning the writings in the Islamic age which dealt with the writings on homes in Damascus during the

Ottoman Era, and inscriptions on rare Islamic coins and writing compositions, such as the royal monogram in the Modern Age, and inscriptions on some mosques.

From here, we can state that this issue might grant the opportunity for young researchers to publish their research, and present a serious, practical study to continue the path the Center of Writings and Scripts had begun nine years ago.

Ahmed Mansour Deputy Director of Calligraphy Center Bibliotheca Alexandrina

The Maritime Expeditions of Wadi Gawasis in the Twelfth Dynasty البعثات البحرية لوادي جواسيس خلال عصر الأسرة الثانية عشرة

El-Sayed Mahfouz

ملخص:

موقع وادي جواسيس يُعتبر واحدًا من أهم مواقع الآثار المصرية ذات الطبيعة الأثرية المختلفة نوعًا عن الشائع في مواقع الآثار في وادي النيل والتي يغلب عليها الطابع الديني أو الجنائزي؛ حيث إنه يمثل واحدًا من أقدم المراسي والموانئ البحرية في تاريخ الإنسانية؛ إذ استمر استغلاله على وجه متواصل طوال عصر الأسرة الثانية عشرة في الدولة الوسطى الفرعونية (تقريبًا طوال القرنين التاسع عشر والثامن عشر قبل الميلاد وهو العصر الذهبي للحضارة المصرية). فقد كان هذا الموقع يمثل خلال هذا العصر نقطة الصلة والاتصال بين حضارة وادي النيل وبين مناطق إنتاج وتجارة البخور (السلعة الإستراتيجية خلال العصور القديمة) في البحر الأحمر وقد عرفتها النصوص المصرية باسم "بلاد بونت"، تلك التسمية التي التي أثارت ومازالت تثير كثيرًا من الجدل والتي أترك الحديث فيها لمناسبة أخرى.

أتاحت حفائر البعثة الإيطالية – الأمريكية بإشراف "رودلفو فاتوفيتش" و"كاترين بارد" خلال العقد الأول من هذا القرن، الكشف عن مجموعة من الدلائل الأثرية، والنقوش المسجَّلة بالهيروغليفية، والهيراطيقية من بقايا ألواح خشب الأرز المستخدمة في بناء السفن المبحرة في البحر الأحمر، والمرساوات الحجرية الضخمة، والصناديق الخشبية التي كانت تُشحن فيها البضائع المتميزة لبلاد 'بونت'، والشقاف الفخارية، وقطع البردي التي تحمل نصوصًا هيراطيقية مقتضبة، ولكنها هامة، ولوحات نذرية تحمل في كثير منها معلومات تاريخية. والواقع أن هذه البعثة التي استمرت من ٢٠٠٢ حتى حفائر عامي ١٩٧٦ – ١٩٧٧.

ومن خلال الشواهد النصية التي كُشف عنها في الموقع أو على مقربة منه طوال القرون الثلاثة الماضية وخصوصًا التي كُشف عنها مؤخرًا خلال السنوات الماضية، وتولى كاتب المقال مسئولية در استها ونشرها في عديد من الدوريات العلمية المتخصصة، ومن خلال هذه الرسوم يمكن ترسُّم الخط التاريخي للميناء، واستنباط وجود عدد من البعثات البحرية التي تأكَّد وجودها عبر النصوص المكتشفة في الموقع. In this article, the author will try to trace the presence of the Egyptians in the site of Wadi Gawasis depending on the epigraphic evidences. Our results are the fruits of archaeologists' efforts along two centuries from Sir Wilkinson Gardiner and Ritchard Burton passing by Professor Abdel Monem Sayed to Rodolfo Fattovich and Kathryn Bard. So the objective of this article is to deal with all the epigraphic data discovered in the maritime site until now. Therefore, a form of consecutive expeditions, dated essentially from the Middle Kingdom is the better method to present the history of the site.

The Expedition of the Year 22 of the Reign of Senusert I

Evidences

1. An inscribed fragment of limestone

This limestone fragment was certainly a section of an ancient stela. We can see the remaining of three lines to be read from right to left where we can recognize the crown and birth names of King Senusert I followed by an attribute and three representations of boats. It is about basilophores names of vessels having navigated the Red Sea.¹

2. The Sanctuary of Ankhu²

The monument was discovered approximately 250 m off the west coast, and is exhibited in the Faculty of Arts Museum, University of Alexandria. Sanctuary in limestone constituted of three anchors from which the round top was removed. It exists on a podium composed of four anchors on two rows.

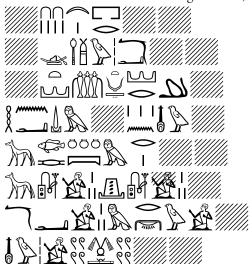
The hieroglyphic texts are freehand registered complicating the reading. While two columns of a text occupy the top, mentioning the Royal protocol, the lower part carried the titles of the dignitary Ankhu.

The much damaged south face carries a similar text in three lines:



- 1. rh nsw m3° mry.f hsy.f m hrt
- 2. hrw nt r^c-nb imy-r³^c-<u>h</u>nwty n pr-³
- 3. *`nhw m3' hrw [nb im3h]*
- 1. The veritable royal known, his beloved, his favorite during
- 2. the day of every day, director of the inner chamber of the palace
- 3. Ankhu, the justified, [owner of veneration]

The internal face of the bottom block: (14 lines of text were written from right to left)



- 1. [rnpt-sp] 24 3bd 1 prt...[imy-r3]
- 2. h^cw hrp ^cprw imy-r3 ^c-[hnwty...
- 3. *pw*] *nt hnt r ph* [...]
- 4. hn^c d3mw n nfrw [...]
- 5. s3b ^cd mr nwn imy-r3 [...]

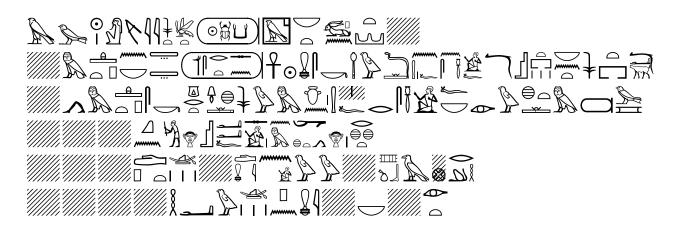
- 6. *s*3*b s*5*w šnwt s*5*w* [...]
- 7. *imy-r* '3*w imy-r nbwiw* [...]
- 8. nfrw 400 dmd 400 [+x...]
- 9. [...] 10. [...] 11. [...] 12. [...]

13. [...] 14. [...]

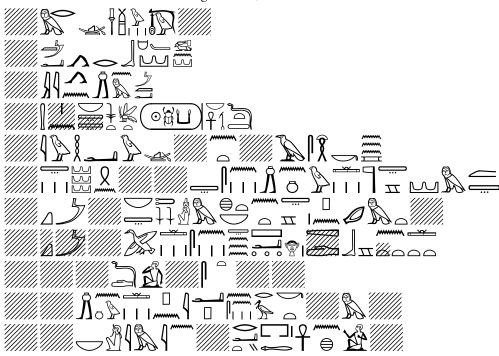
- [Year] 24, the first month of the Peret season
 [...the director of]
- 2. the fleet, controller of the crew, director of the inner [chamber] [...
- 3. Pw]nt ; sail southward to the borders of [...]
- 4. with the recruit regiments [...]
- territorial administrator of Noun for the director [...]²,
- 6. scribes of granaries of vizier (?) scribes [...]
- 7. general of auxiliaries, directors of the goldsmiths [...]
- 8. recruits : 400. Total 400[+x]
- 9. [...] 10. [...] 11. [...] 12. [...]
- 13. [...] 14. [...]

The internal face of the block contains ten columns of hieroglyphic text (the first line is inscribed from right to left, and nine others from left to right).

- 1. mry hr-wr-R^c nsw bity hpr-k3-R^c mry hntyhty s3 R^c s-ny-wsrt mry hwt-hr nbt Pwnt
- [...] m htp n nb t3wy s-ny-wsrt cnh mi Rc sk wd.n hm.f n smr.f imy-r3 st nbt nt pr-nsw imy-r3 c-hnwty
- 3. [...iy]t m htp sk grt mnh sw m ib n hm.f r smr.f nb irw ht m šn-wr [...]
- 4. [...] kn hr st wy.f s n m-ht hr rh ht
- 5. [...] dpwt [...]dmi n š3ww (?) sp3t Gbtyw r ph
- 6. [...] h^cw pn mi [...] nb [...] irt [...]
- Beloved of Haroeris, King of Upper and Lower Egypt Kheperkare, beloved of Khentykhety, the son of Re, Senusert, beloved of Hathor, lady of Pwnt.
- [...] in peace for the lord of the Double lands, Senusert, given life like Re. Therefore, his majesty commanded his companion, the director of all the places in the Royal palace, the director of the inner chamber
- 3. [...co]me in peace. Therefore, then, it was excellent in the heart of His Majesty more than any other companion who accomplished activities in the sea [...]
- [...] courage ones on the place of his arms (?) man of future who knows the things (?)
- [...] boats [...] the port of Saouou⁴ (?) (of?) name of Coptos to reach
- 6. [...] this fleet like (?) [...] make [...]



Face internal of the Western block (the text consists of eleven lines, run from right to left)



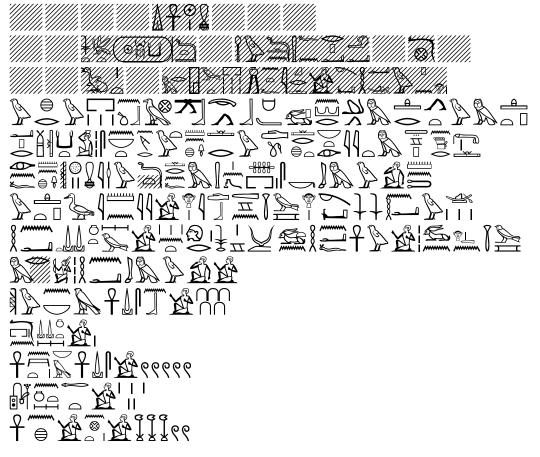
- 1. [...] imy-r3 h^cw hrp ^cprw imy-r3 nfrww
- 2. [...] m³^c r bi³-Pwnt
- 3. [...] *ii.n.*(*i*) *in.n.*(*i*) *m m*3^c(*t*)
- 4. [...]n hm n nb [t3wy] nsw bity hpr-k3-R^c nb ^cnh w3s dt
- 5. [...] *iw h*^cw[...] *nt* [...]3 *skw*
- 6. [...] *tBw hBswt šn* [...] *tB-sn inw tB-ntr m gs tBw*
- 7. [...] km3w [...]nb t3-tnn m ht nbt nt t3 pn sdmt
- 8. [...km3]w.sn t3 mw š^cy hr idbw ntt iwtt
- 9. [...] <u>d</u>d (?) st [...]
- 10. [...] *inw pn i*^c(*bw*)-*n.sn r b3kt* [...] *m* [...]
- 11. [...] nb im in [imy-r3 '-hnwty] n pr-'3 'nhw
- 1. [...] the director of the fleet, controller of the crews, general of recruits
- 2. [...] sent to Bia-Pwnt
- 3. [... I] went to bring [...] that I returned

- [...] the majesty of the lord [of the Double lands], King of Upper and Lower Egypt Kheperkarê, lord of life and power for ever.
- 5. [...] fleet [...] of [...] water Sekou(?)
- 6. [...] lands and foreign countries (?) their land, products of the land-of-god
- 7. [...] all the creation of Tatenen consisting of all kinds of products of this country (?), heard of
- 8. [...] their creation : the land of water, the sands on the rives, which exist and which do not exist
- 9. [...] speak (?) [...]
- 10. [...] this tribute which they reassembled to work (?) [...] lord (?) by [the director of the inner chamber] of the palace Ankhu.

3. The stela of Antefoker-Ameny⁵

A limestone stela discovered approximately 450 m off west of current coast, and in 200 m off west of the sanctuary of Ankhu, fixed on a base formed of an anchor and framed by two irregular blocks. This stela, which measured 45 cm high, and 1.50 cm large, is actually exhibited in the Museum of the Faculty of Arts, University of Alexandria. The top was destroyed due to erosion. Its surface was covered by a hieroglyphic text registered from right to left. It seems that the first line of the text was the legend for the god Min scene before the Royal image or his protocol. The text following the first line consists of nine lines and ends in four small columns.

- 5. ^cpr k3wt.sn nbwt n mrwt mn<u>h</u> rwd r <u>h</u>t nbt iryt m t3 pn <u>d</u>r b3<u>h</u>
- 6. *ir.n.f mnh sp 2 mi wdt n.f m hm n stp-s3 sk whmw s3 Mntw*
- 7. htp Imny hr idb n W3d-wr hr mdh nn n h^cww
- hn^c d3d3t wrt nt tp-rsy t3-wr wnwt hn^c f^cnhw wn(ww) hr idb n W3d-wr
- 9. imy-r3 mš^c hn^c whmw
- 10. šmsw n nb ^cnh w<u>d</u>³ snb 50
- 11. *imy-r3 pr n d3d3t 1*



- 1. [...] *di* ^c*n*<u>h</u> *mi R*^c [...]
- [...] nsw-bity hpr-k3-R^c nh dt [...] wd.n hm.f n iry-p^ct h3ty-^c [...] imy-r3 niwt
- 3. [...] <u>t</u>³ty [...] *imy-r*³ *hwt wrt* 6 *Ini-it.f-ikr mdh h*^c*w pn nw*⁶
- whrwt n Gbtyw sbt bi3-Pwnt r ph m htp r iwt m htp
- 12. ^cnh n <u>t</u>t n nb ^cnh w<u>d</u>3 snb 500
- 13. sš n <u>d</u>3<u>d</u>3t '3t 5
- 14. ^cnh n niwt 3200
- 1. [...] given life like Re [...]
- 2. [...] The King of Upper and Lower Egypt Kheperkarê, that he may live forever. His

Majesty commanded the hereditary prince, governor [...] director of the Town

- 3. [...] vizier [...] Director of six great domains, Antefoker, to build this fleet of
- 4. the arsenals of Coptos to be sent to Pia-Pwnt to reach (it) and return in peace,
- of power to all their works so as to be effective and better than all what had been realized in this country previously
- 6. and this is the perfection, according to what was ordered to him by the Majesty of the palace, that he made it. Therefore, the herald Ameny son of Montou-
- hotep was on the coast of the Red Sea to rebuild these ships
- with the great court of the name Thinite of "The head of the South", which was with him. The soldiers who were on the coast of the Red Sea
- 9. The general of the army was with the herald.

10. agents of the lords L.P.H.	50
11. director of the tribunal domain	1
12. soldiers of the Lord's Table, L.P.H	500
13. scribes of the great tribunal	5
14. citizens	3200

Conclusion

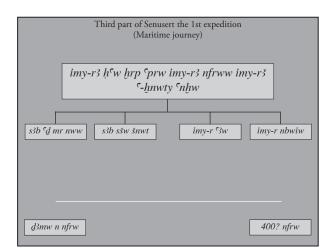
These evidences confirmed the existence of an expedition sent to the land of Punt in the Year 22 of the reign of Senusert I. We suggest that this one was divided into three stages. According to the stela of *Antefoker/Ameny* found in Wadi Gawasis (about 400 m from the Seashore), divided into two parts and was separated by the enclitic particle sk, the sovereign ordered his vizier Antefoker to build a fleet in the

arsenal of Coptos after a Royal Order to his vizier.

The second stage, indicated in the second part of the same stela, concerns the operation led on the shore of the Red Sea by the herald Ameny. The work was actually reassembling the ships after being dismantled and carried in sections from Coptos to the Port to facilitate their transport through the Eastern Desert.7 The composition of the herald Ameny's teamwork shows that there was a military section commanded by the General of the Army, and consisting of fifty Royal followers of the Master; apparently each one led ten soldiers and a civil section organized by the board steward of the Thinite name, 'The head of the South', who supervised, in their turn, 3200 citizens. Five scribes of the great board participated in the works to assure the recording, the accounting and probably the decoding of reassembling marks registered on the pieces of the detached ships.8

The third stage of the expedition, which was directed by the overseer of the cabinet *Ankhu*, was the maritime journey to the land of Punt. The shrine which he left at Wadi Gawasis (about 200 m from the Seashore) consisted of four anchors in limestone for the base, and four others⁹ for the shrine itself, commemorated this event. The dignitary Ankhu who carried the titles of *imy-r3* h^cw hrp ^cprw *imy-r3 nfrww imy-r3* ^c-hnwty Admiral of the fleet, controller of the crews, director of the recruits, overseer of the cabinet was accompanied by:

s3b ^cd mr nwn 'administrator major of Noun', *'nd s3b sšw šnwt* 'administrator of granaries scribes' *imy-r '3w* 'overseer of auxiliaries', *imy-r nbwiw* 'overseer of goldsmiths' *d3mw n nfrw* 'regiments of recruits' *nfrw 400* [+x...] 'recruits : 400' *dmd 400* [+x] 'total of 400[+x]'¹⁰



The expedition of Year 28 of Amenemhat II

Evidences

The stela of Khentykhetyur¹¹

Round-topstelaofbasaltmeasuring52×30 cm, was discovered by J. Burton in the Roman station of Wadi Gasus, 7 km off the Red Sea coast. First, it appeared in the catalog Sotheby of July 1836, then Alnwick Castle, residence of Duke of Northumberland preserved it. The stela actually exists in The Oriental Gulbenkian Museum of Art, University of Durham. In the upper register, King Amenemhat II offers jars *nw* to the god Min of Coptos, and a text of six vertical columns, and a representation of a dignitary in position of worship occupy the lower register.

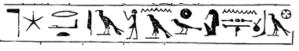


The scene legend¹²

nsw bity nb t3wy Nbw-k3w-R^c di ^cnh mi R^c 3w-ib.f hr st hr mry Mnw Gbtyw di ^cnh

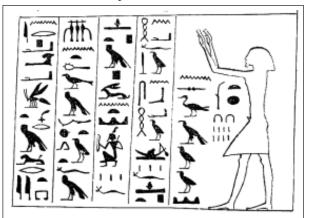
King of Upper and Lower Egypt, Lord of the Two Lands, Neboukaoure, may he live like Rê and rise to Horus Throne. The one who worships Min from Coptos, may he be given life.

The line separating the two registers:



dw3 ntr rdit i3w n hr-wr-R^c n Mnw Gbtyw

Pray God, make adoration to Haroërisrê and to Min from Coptos



- 1. in iry-p^ct h3ty-^c htmty-bity imy-r3 rwyt
- 2. hnty-hty-wr m-ht iwt.f m
- 3. htp m Pwnt mš^c.f
- 4. *hn^c*.*f* (*w*)*d*³ snbw *h^cww*
- 5. n š3ww rnpt-sp 28
- by the hereditary prince, governor, chancellor of King of Lower Egypt, director of the justice court.
- 2. Khentykhetyour after his return in
- 3. peace from Pwnt, the army who
- 4. was with him was safe and in good health, the fleet accosted
- 5. in Saww (in) the Year 28

Conclusion

This stela proves evidence of an expedition sent to Punt and anchored on its way back in the Port of Saww in the Year 28 of Amenmehat II. The leader of this operation was a high-ranking official from the central administration. In the text of the stela, his titles confirm his importance in the Royal palace, namely, iry-p^ct h3ty-^c htmty-bity imy-r3 rwyt 'hereditary prince, governor, chancellor of king of Lower Egypt, overseer of the justice court'. The text mentions the return of the mission safely from Punt. So, we have expedition's return date which is the Year 28 of Amenemhat II, its chief, the overseer of the justice court Khentykhetyur, its destination which is Punt, and finally the port in which the fleet landed on the way back, attested by the toponym š3ww 'Saw'. It seems worthy to notice that this indication is the only name of a maritime port in the Egyptian textual evidences.

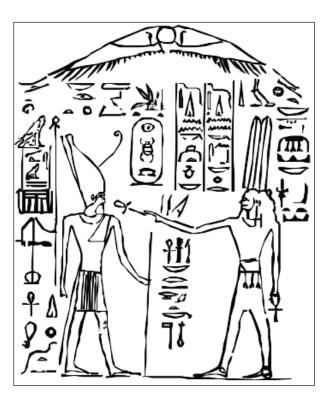
The monument of Senusert II, Year 1 in the god's land

Evidences

Stela Durham N 1935¹³

This stela was discovered by Sir John Gardner Wilkinson in the small sanctuary of Wadi Gasus (Gawasis), it was preserved in Alnwick Castle, but the Oriental Gulbenkian Museum of Art, University of Durham, actually conserves it. The round-top stela in basalt measures 66 × 35 cm.

The stela is divided into two registers. An official scene represents the king in front of the god Soped with legends occupying the upper register, a horizontal line separating the two registers and text of eight graded hieroglyphic columns beside a representation of A standing dignitary, with another cursive hieroglyphic column behind him inscribed in the lower register.¹⁴



King's legend

nsw-bity h^c-hpr-R^c tm^{3-c} nb irt ht hr ššmwt³wy di ^cnh mi R^c dt mry špdw nb t³-šsmt nb i³btt

King of Upper and Lower Egypt Khakheperre, with the strong arm, Lord of rites the Horus Sechemw-Tawy, may he be given life like Re

for ever, who loves Soped, Lord of Ta-Shesemet, Lord of the Orient.

God's legend

dd-mdw di.n.(i) n.k 3wt-ib nb <u>d</u>d-mdw di.n.(i) n.k snb nb hr.(.i) ^cnh <u>d</u>d w3s nb r šrt.k n<u>t</u>r nfr

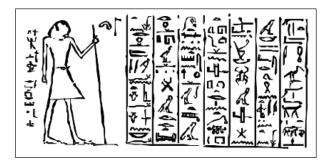
Speech said : '(I) gave you all joy'

Speech said : '(I) gave you all the health near me, all life, (every) stability and (every) owner for your sake, oh perfect god'.

The line separating the two registers:

rnprt-sp 1 smnḫ mnw.f m t3-nṯr Year 1, erect his monument in the Land-of-god

The text of the lower register:



- 1. *htmty-ntr*
- 2. rh-nsw m³^c mry.f n st-ib.f imy-ib n nb.f
- 3. rh hpw šs3w m irt mdd
- 4. w3t nt smnh sw tm
- 5. thiw tp-rd n ^ch tpt-r nt stp-s3
- 6. w^c n bity hpr m^ch sb3w n
- 7. hr nb-t3wy s^cr šnyt n nsw
- 8. mty mi dhwty imy-r3 ^c-hnwty hnmw-htp
- 1. Chancellor of the god,
- 2. The real Royal known, his beloved, the favorite of his lord,
- 3. The one who knows the laws, the effective expert who follows
- 4. The road of the excellent one who does not
- 5. break the instructions of the palace,
- the unique for the King of Upper and Lower Egypt, the one who grew on the palace, the pupil
- 7. of Horus, lord of the Two Lands, the one presents courtiers to the king
- 8. the precise like Thot, director of the inner chamber, Khnoumhotep.

The cursive line behind the dignitary: hry-pr Nfr-htp iry-^ct Nb-š3bt The domestic Néferhotep. The herdsman Nebchabet

Conclusion

The second stela discovered in the Roman station of Wadi Gasus attests that there was an expedition led in Year 1 of Senusert II by the overseer of the cabinet *Khnumhotep*. The text of the stela did not mention any expedition, except a monument erected in the ambiguous toponym *t3-ntr* 'God's Land' under the supervision of the high courtier *Khnumhotep*. This official was accompanied by two of his assistants, their names were engraved behind him: *hry-pr Nfr-h tp iry-*^c*t Nb-s3bt* 'the domestic *Neferhotep* and the herdsman *Nebchabet*'.

In a recent study on the career of *Khnumhotep*, D. Franke proved that he was not the famous nomarch of the XIVth nome of Upper Egypt (Beni Hassan), but one of his sons connected to the Royal Court and observed in the bas-relief of the nomarch Khnumhotep II, in his tomb at Beni Hassan, while presenting 37 Asiatics introduced to the nomarch by his scribe *Neferhotep*.

We cannot deny the possibilities of having a relation between this stela and Wadi Gawasis, we question if it had any relation with Punt!!!. Anyway, the information on this stela is different from the other stelae such as the stela of Khentykhetywr clearly mentioning an expedition to Punt and the arrival at Saww and also the stela of Nebsu, the texts of the shrine of Ankhu, the ostraca with the mention of Punt. Its differences between the other stelae from Wadi Gawasis is in contents and iconography, namely the mentioning of Soped, lord of Ta-sachemt allows us to propose that this stela commemorates an exceptional expedition sent to another destination which could be the mines of South Sinaï¹⁵.

The Expedition of Year 5 of the Reign of Senusert III

Evidences

1. The hieratic ostraca

In 1977, a set of sherds were discovered; it comprises storage jars registered. Forty one photos of sherds are studied: 23 sherds with hieratic texts, 15 jar marks, 2 photos of sherds show account signs only illegible. The hieratic texts are the most interesting material, containing between one and four lines including important information about Year 5, led by Count Neboukaoure who had been attested in the documentation of El-Lahoun. The expedition was financed by the administrative centre of El-Lahoun sim-s-nwsrt, the justification prepared in Wadi Gawasis, the departure point to the land of Pwnt. Texts mention numerous civil agents involved in this affair, the necessary supplies for the life in Wadi Gawasis and in the maritime journey as well as the mentioning of several place-names.¹⁶

2. The stela WG 14

A rectangular stela measuring $31.5 \times 23 \times 7.5$ cm, made of limestone, was found in the radim of WG 32 (SU 1). The rectangular form of this stela with a cornice and gorge at the top belong to the early style of Middle Kingdom stelae. The stela is broken into two pieces. The right one is about 31.5×7 cm, and the left one about 31.5×14 cm. The surface with inscription is severely damaged and a lot of its is actually lost specially in the lower-left part. Its bas-relief inscription is severely divided into an official scene on the upper part, and a private scene in the lower part.

In the upper part, the ithyphallic form of the god Min above his garden facing the royal protocol of Senusert III is represented. A column



of hieroglyphic signs show the royal epithet relating the king to Min: *Mry Mnw Gbtyw nb* ... 'Beloved Min of Coptos, Lord of ...'. Three of the names of Senusert III can hardly been seen [*hr*] *nţr hprw* 'Horus Neter-Kheprou', *nţr nfr* ... *h*^c-*k*3*w*-*R*^c 'Kind god ...Khakaoure' ...š-ny-wsrt 'Senusert'. The lower part comprises a dedicated text, of at least seven columns, with two standing officials face to face.

Conclusion

The hieratic ostraca confirm the administrative relation between the town of *Sekhem-Senusert* at El-Lahun and the port of Wadi Gawasis.

Several civil agents are attested in these documents, among them:

 a) <u>h</u>3ty-^c Nbw-k3w-R^c ' governor Nebukaurâ ' mentioned in the texts as responsible for importing food sent by *Sekhem-Senuseret*. It is very possible that he is the person in charge of the activities exercised in the port of Wadi Gawasis, as ships reassembling operation. His role could resemble that of Ameny of the mission of Senusert I. The other possibility, he was the director of the maritime expedition to Punt as *Ankhu* of Senusert I.

- b) Another whmw the first part of the name wæl. He could be w3h carrying the title of whmw indicated on a stela from Qaw el-Kebir and actually in the Berlin Museum under n° 21822, dated from the end of the Twelfth and the beginning of the Thirteenth Dynasty.¹⁷
- c) a *imy-r* ^c-<u>h</u>nwty n <u>d</u>d-b3w 'overseer of the cabinet of the firm-of power'¹⁸ anonymous, is attested.
- d) a *imy-r pr n hr sš n whmw* 'steward of the Horus temple, scribe of the herald' appeared in this documentation.
- e) a *wdpw* 'cupbearer *Hornakht*', a *imy-r* '-<u>hnwty</u> 'overseer of the cabinet' *Nub*-[...], and an anonymous 'fty 'brewer' also participated.

Furthermore, a stela discovered in 2007, is divided into two registers: the first one concerns the protocol of Senusert III consisting essentially of the five royal names before the representation of Min of Coptos and the lower register which is severely damaged shows a representation of two persons and an illegible text in columns above them. This stela confirms the existence of activities on the site during his reign¹⁹.

The expeditions of Amenemhat III²⁰

Evidences

1. Stela WG 16 [serial number 174 in Qift store]

A small circular-top stela of limestone, measuring 16 cm high, 14 cm in width and 5 cm in thickness. Its inscribed face is covered with a hieroglyphic text consisting of six horizontal lines separated by lines. The date is registered in big characters in the lunette.

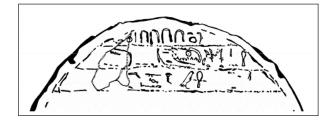


- 1. rnpt-sp 23
- 2. hr hm n nsw-bity Ny-m3^ct-r^c
- 3. htp di nsw (n) Mnw nb Gbtyw
- 4. di.f t hnkt ih 3pd šs mnht sntr
- 5. n k3 n iry-^ct (n) Pr-^c3 Imny ..lpr ...
- 6. ...

- 1. Year 23
- 2. Under the Majesty of King of Upper and Lower Egypt, Nymaatre.
- 3. The offrings that the king gives (to) Min, Lord of Coptos,
- 4. he gives bread, beer, cattle, birds, (vases) of alabster, (pieces of) cloth and incense
- 5. for the ka responsible for the storerooms of the Great House Ameny
- 6. ...under ...

2. Stela WG 23 [serial number 178 in Qift store]

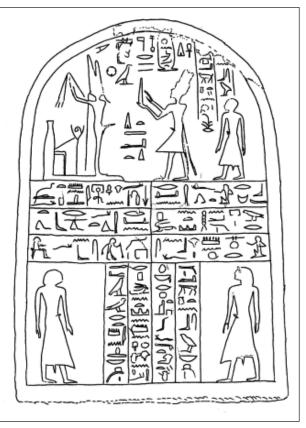
A circular-top stela in limestone measuring 35 cm high, 26.4 cm width and 9 cm in thickness. This one is severely damaged with the exception of the first three lines where signs are observed registered in light bas-relief.



- 1. rnpt-sp 41 [hr]
- 2. hm n nsw-bity Ny-m3^ct-r^c...
- 3. [hr] ^c3-[b3w] ...hr-nbw W3h-^cnh-iti-iw^ct-[t3wy] ...
- 1. Year 41 [under]
- 2. the Majesty of King of Upper and Lower Egypt Nymaatre ...
- 3. [Horus] Aa-[baw] ... the Golden Horus Ankhwah itiwa[tawy]...

3. Stela WG 05 (serial number 144 in Qift store)²¹

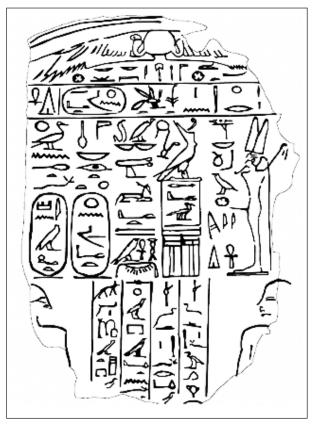
A circulal-top stela, in limestone measuring 38.0 cm high, 26.0 cm wide, and 10.5-11.0 cm thick. The stela is very well preserved. The decoration is divided into three sections: a) at the top, a carved offering scene to the god Min; b) a central section with two symmetrical horizontal texts, in three lines; c) a lower section with the final part of the two texts, each inscribed in two vertical columns, flanked by the figures of two men.



4. Stela WG 06 [serial number 155 in Qift store]

A rectangular stela in limestone measuring 36.5 cm high, 22.5 cm width and 5 cm in thickness. The stela, which is surmounted by the red color winged sun, is divided into two registers. A scene of the god Min above the

complete protocol of King Amenemhat III carved in the upper part, and a private scene where two dignitaries were represented with their legends.



Conclusion

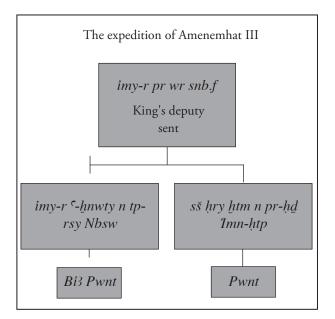
R. Fattovich and K. Bard discovered three stelae in the coral terrace above the galleries entrances dating to the reign of Amenemhat III. While the first one (WG 16) dated to Year 23 of Amenemhat III provides information about the responsible of the sealing halls in the Great House Ameny; the second stela (WG 23) which is severely damaged, conserve only the Year 41 with the protocol of Amenemhat III. The beginning of the dateline in a third stela (WG 06) is apart from two vertical strokes indicating a 2-year. It commemorates, without doubt, a third occasion of presence in the site during Amenemhat III's reign because the two other mentions of date are damaged years (Year 23 and Year 41).

The Italian-American archaeological mission discovered during 2004/2005 a stela (WG 05) dated

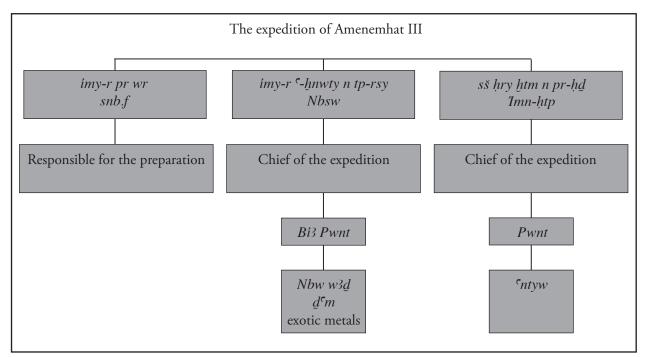
to Amenemhat III. This Abydian stela is divided into two parts: an official superior register representing King Amenemhat III offering to the god Min and behind him a certain overseer of the cabinet of the Head of the South *Nebsu*. The lower register is divided into two parts, each consisting of three horizontal lines at the top and the representation of a standing civil agent with a text in two opposite columns.

The organization of the expedition or the two expeditions quoted on the stela is not clear. Three civil officials are mentioned: the *imy-r pr wr šnb.f* 'the High steward *Senbef*' considered as the highest dignitary appeared in the text; the *imy-r* ^c-<u>hnwty n tprsy Nbsw</u> 'overseer of the cabinet of the Head of the South *Nebsu*' and his brother *sš hry <u>htm n pr-hd</u> Imn-<u>htp</u> 'the Scribe responsible for the seal of the Treasury, Amenhotep'. Two destinations are mentionned, namely, Punt and Bia-Punt.*

Several hypotheses could be detected in this case: two missions effectuated under the supervision of the High steward *Senbef*, the one supervised by *Nebsu* to Bia-Punt., and the other one to Punt led by his brother *Amenhotep*.



The other suggestion is a single mission sent under the auspice of the high steward towards the vast country Punt where two officials divided its responsibilities in two, The one towards the main destination Punt led by *Amenhotep*, and the other in the Desert near the mines region called Bia-Punt led by *Nebsu*; the third hypothesis is that we have only one expedition led by *Senbef* and at its arrival or its destination, this one diverts in two: one to Punt and the other to Bia-Punt. By comparing this text with the stela of *Antefoker-Ameny* and generally with the mission of Senusert I, we sense a single expedition divided into three episodes: first one happened in the Nile Valley to prepare the expedition and its logistics, where *Senbef* was the person in charge; the second one the journey to Punt led by Amenhotep and searched for Punt and its main products; the other one headed to the mines of Punt to bring these exotic metals as the green gold and electrum²².



Furthermore, I would like to join an ostracon mentioning the reception of ships, some of them carried the name of Amenemhat III.

The expedition of Year 8 of Amenemhat IV

Evidence

1. Boxes WG 02 and WG 21

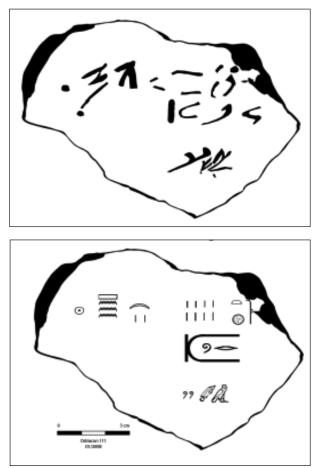
The similar text was written on the small side of two wooden boxes. Their actual state of conservation is critical. The damaged text consists of four horizontal lines occupying the center of the middle part.



- 1. rnpt-sp 8 hr hm n
- 2. [*nsw-bity*] *M*³*c*-*hrw*[*R*^c] *di cnh* <u>*d*[*t*]</u>
- 3. inw...Pwnt
- 4. ... shd nfrw sš nsw ddi
- 1. Year 8 under the Majesty of
- 2. [King Upper and Lower Egypt] Maa-Kheru-[Re], given life etern[ally]
- 3. The tribute ... Punt
- 4. ... controller of recruits, royal scribe Djed

2. Ostracon [WG O111]

A small ostracon of 11 cm long, 7 cm large and 1 cm thick, was discovered on the site. The yellow color sherd carries a hieratic text of three lines.



- 1. [rnpt]-sp 8 3pd 2 šmw
- 2. ...[*M3*^c*t*-*h*]*rw*-[*r*^c]
- 3. ...[*r*]*mw* 200
- 1. [Year] 8, second month of shemu
- 2. ...[Maatkhe]ru[re]
- 3. ...fish rem 200

Conclusion¹

The Italian-American mission in Wadi Gawasis realized an incredible discovery during the seasons of excavations 2005/2006 and 2006/2007²³. It is about wooden boxes, piled up in front of the entrance of the caves where the workers, craftsmen and sailors sheltered and stored their materials. Two among these carried hieroglyphic texts on its side. This text consists of four horizontal lines informing us about an expedition sent during the Year 8 of Amenemhat IV to bring the marvels of Punt (*bj3wt Pwnt*). The inspector of recruits, royal scribe Djedy led this expedition. Apparently, this operation was confirmed by other epigraphic evidences such as an ostracon mentioning the Year 8 (Ostracon WG 105) and another one with the name of Amenemhat IV (Ostracon WG 111).

In conclusion, the epigraphic data shed light on a series of expeditions starting from the port of Mersa Gawasis towards the land of Punt, from the reign of Senusert I till the end of the Twelfth Dynasty, with probably the last affair known for the reign of Amenemhat IV passing through the reign of Amenemhat II, Senusert II, Senusert III and Amenemhat III. We are looking forward to the Italo-American mission to find other epigraphic evidences attesting Amenemhat I, first king of the Dynasty, and Sobek-nofru the last queen, to have a series of expeditions without intervals, sent almost to the same destination, searching for the same product, during all the reigns of kings of the Twelfth Dynasty.

Notes

 I would like to acknowledge with gratitude the efforts of Professor Abdel Monem Sayed, discoverer of the Wadi Gawasis as a pioneer and founder of the Red Sea studies. Prof. Sayed passed away last year, May Allah forgive and have mercy on him

A.M. Sayed, 'Discovery of the Site of 12th Dynasty Port at Wadi Gawasis on the Red Sea Shore', *RdÉ* 29 (1977), 150, pl. 12 (b); C. Obsomer, *Sésostris I, Etude chronologique et historique du règne* (Bruxelles, 1995), doc. 174, p. 714; D. Farout, 'Des expéditions dans la mer Rouge au début de la XIIe dynastie', *Égypte Afrique & Orient* 41 (2006), 48.

- 2 G.H. Fischer, Ancient Egyptian Calligraphy: A Beginner's Guide to Hieroglyphic Writing Hieroglyphes, (New-York, 1997), p.25, n° 1267a, who translated the title ce-mr as 'official of the ocean'.
- 3 Le d derrière we semble une erreur de copie.
- 4 This toponym which apparently design Mersa Gawasis had already appeared on the text of Khentykhetyour's stela but with other orthography.
- 5 Sayed, RdÉ 29, pp.169-173, pl. 15 d-f et 16 a-b; Sayed, JEA 64, pp.70-71; J. Leclant, 'L'exploration des côtes de la mer Rouge. A la quête de Pount et des secrets de la mer Erythrée', Annales d'Ethiopie 11 (1978), 399; Nibbi, ASAE 64, pp.69-74; A. M. Sayed, 'New Light on the Recently Discovered Port on the Red Sea Shore', CdE 58 (1983), pp. 29-30; L. Bradbury, 'Reflections on Traveling to God's Land and Punt in the Middle Kingdom', JARCE 25 (1988), p. 134; D. Farout, 'La carrière du whmw Ameny et l'organisation des expéditions au Ouadi Hammamat au Moyen Empire', BIFAO 94 (Le Caire, 1994), pp.143-4, 151-5, pl. I, p. 169; Obsomer, Sésostris I, Etude chronologique et historique du règne, 380-82, doc.172, p. 711-712; C. Vandersleyen, Ouadj our, wæe wr, Un autre aspect de la vallée du Nil (Bruxelles, 1999), doc. 136, 51, 58, 132-5, 245; D. Fabre 2004/2005, 41, 82-84, 147; Farout, Égypte Afrique & Orient, 41, 43-45.
- 6 Obsomer, Sésostris I, Etude chronologique et historique du règne, 712 propose Ìr in the place of nw.
- 7 Sayed, CdE 58, pp. 29-30.
- 8 Sayed, *RdÉ* 29, 169-173, pl. 15 d-f et 16 a-b; Sayed, *JEA* 64, pp.70-71 (in Arabic); Nibbi, *ASAE* 64, 69-74; Sayed, *CdE* 58, 29-30; Bradbury, *JARCE* 25, 127-156, fig. 7-11; Farout, *BIFAO* 94, 143-4, 151-5, pl. I, p.169; Obsomer,

Sésostris I, Etude chronologique et historique du règne, 380-82, doc.172, 711-712; Vandersleyen, Ouadj our, w3d wr, Un autre aspect de la vallée du Nil, doc. 136, 51, 58, 132-5, 245; Fabre, Le destin maritime de l'Égypte ancienne, 41, 82-84, 147; Farout, Égypte Afrique and Orient, 41, 43-52, 43-45.

- 9 Professor Abdel Monem Sayed had showed, in several occasions, the nature of these anchors, their functions, and their reuse as a commemorative monument after the return of the expedition.
- Sayed, *RdÉ* 29, 1977, 150, 157-169, Fig. 2-6, pl. 13 (d-e) et 14; A. M. Sayed, *The Discovery, JEA* 64, 69-71, pl. XI; Sayed, *JEA* 66, pp.154-155; Nibbi, *ASAE* 64, 69-72; Aufrère, et al., L'Égypte restituée, 2, sites et temples des déserts, 202-203; Obsomer, *Sésostris I, Etude chronologique et historique du règne*, 380-85, doc.173, 713-715; Fabre, *Le destin maritime de l'Égypte ancienne*, 41, 194; Farout, Égypte Afrique & Orient, 41, 45-48.
- 11 Stèle Dunham N 1934: Discovered by J. Burton in the la Roman station of Wadi Gasus about 7 km of the Red Sea shore. It was published in catalogue Sotheby on July 1836, and then transported to Alnwick Castle, residence of Northumberland Duc. Now, it is conserved in Gulbenkian museum of Oriental Art, university of Durham. Anyway, it is an abydien stela in basalt of 52×30 cm. In the top, the king Amenemhat II presents nw vases to Min de Coptos. The line which showed the rite is graved in veritcal signs separated the upper official part of lower private one concerning the dignitary is inscribed in six vertical lines and a representation of a man in adoring position. J. Burton, Sotheby Catalogue, juillet 1836 (1836), pp.33-4; C. Leemans, Monumens Égyptiens portant des légendes royales (Paris, 1838), pl. V (n°46); S. Birch, Catalogue of the collection of Egyptian Antiquities at Alnwick Castle (London, 1970), 157, n. 1 (n°34); A. Nibbi, 'Remarks on the Two Stelae from the Wadi Gasus', JEA 62 (1976), 46 et 50; Sayed, RdÉ 29, p.141; Obsomer, Sésostris I, Etude chronologique et historique du règne, doc. 170, 709-710.
- 12 Burton, Sotheby Catalogue, 33-4; C. Leemans, Monumens Égyptiens portant des légendes royales, pl. V (n°46); Birch, Catalogue of the collection of Egyptian Antiquities at Alnwick Castle, 267, pl. 3; A. Erman, 'Stelen aus Wadi Gasus bei Qoser', ZÄS 20 (1882), 203-4; P. Vernus, 1970, p. 157, n. 1 (n°34); Nibbi, JEA 62, 46 et 50; Sayed, RdÉ 29, p.141; Obsomer, Sésostris I, Etude chronologique et historique du règne, doc. 170, 709-10.

- 13 J.G. Wilkinson, Journal and Proceedings of the Royal Geographic Society 29, (1830); Burton, Sotheby Catalogue, juillet 1836, 33-34; Birch, Catalogue of the collection of Egyptian Antiquities at Alnwick Castle, 267, pl. 4; Erman, ZÄS 20, 203-204; Nibbi, JEA 62, pp. 47, 50; Sayed, RdÉ 29, p. 141; D. Franke 'The Career of Khnoumhotep III of Beni Hasan and the so-called Decline of the nomarchs', in S. Quirke (ed.), Middle Kingdom Studies (Londres, 1991), 59-60; J.M.A.A. Janssen, 1946; Sayed, CdE 58, 31-32.
- 14 Stèle Durham N 1935: Discovered by Sir John Garndiner Wilkinson in a sanctuary (he called it the temple) of Wadi Gasus and it is conserved actually in Alnwick Castle. An abydien stela in basalt of 66 × 35 cm. A scene represented the king before the god Soped. A horizontal line and eight vertical lines run the lower register with a representation of a man and another veritcal line behind him. J.G. Wilkinson, Journal and Proceedings of the Royal Geographic Society 29 nov. (1830); Burton, Sotheby Catalogue, juillet 1836, pp. 33-34; Birch, Catalogue of the collection of Egyptian Antiquities at Alnwick Castle, 267, pl. 4; Erman, ZÄS 20, 203-204; Nibbi, JEA 62, pp. 47, 50; Sayed, RdÉ 29, 141; Franke, in Quirke (ed.), Middle Kingdom Studies, 59-60; J.M.A.A. Janssen, 1946; Sayed, CdE 58, 31-32; Obsomer, Sésostris I, Etude chronologique et historique du règne, doc. 171, 710-711.
- 15 We discussed the stela of Khnumhotep from Wadi Gasus in details in another paper presented in honor to Charles Bonnet on july 2008 and published in *Abgadiat* 3.

- 16 E. Mahfouz and R. Pirelli, 'Epigraphy', in R. Fattovich and K. Bard (eds.), *Mersa/Wadi Gawasis 2006-2007 Report* (2007), 31-34; Mahfouz, in Fattovich and Bard (eds.), *Mersa/Wadi Gawasis 2006-2007 Report*, 431-438; E. Mahfouz, 'Les ostraca hiératiques du Ouadi Gaouasis', *RdE* 59 (2008a), 275-322.
- 17 Franke, in Quirke (ed.), Middle Kingdom Studies, 151, dossier 202; voir aussi H. Steckeweh, Die Fürstengräber von Qaw (Leipzig, 1936), 9, n° 1, 53, pl. 18: he thought that Wæl-kæ is a short form for Wæl-kæ-snb.
- 18 Quirke, *RdE* 37, 111.
- Mahfouz, Pirelli, in Fattovich, Bard (eds.), *Mersa/Wadi Gawasis 2006-2007 Report*, www.archaeogate.
- E. Mahfouz, 'Amenemhat III au ouadi Gaouasis', *BIFAO* 108 (2008b), 253-279.
- 21 R. Pirelli, 'Stela 5', in K. Bard and R. Fattovich (eds.), Harbor of the Pharaons to the Land of Punt, Archaeological Investigations at Mersa/Wadi Gawasis – Egypt (Napoli, 2007), 219-224, fig. 90-91; Mahfouz, in Fattovich, Bard (eds.), Mersa/Wadi Gawasis 2006-2007 Report, 88-99.
- 22 The bas-relief of Hatshepsout: E. Naville, *The Temple of Deir el Bahari*, III (Londres, 1898), 74; *Urk* IV, 328-9, H.
- 23 E. Mahfouz, 'Inscribed Box', in K. Bard and R. Fattovich, Harbor of the Pharaons to the Land of Punt, Archaeological Investigations at Mersa/Wadi Gawasis – Egypt, 2001- 2005 (Napoli, 2007), 238, fig. 99-100.