



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل



Cairo University

Faculty of Archaeology
Egyptology Department

٢٢٤٩

The Determinatives in the Pyramid Texts Writing System

BY

Maha Mohamed Rashad Mahmoud Yehia

Assistant Lecturer – Guidance Department
Faculty of Tourism and Hotel Management
University of Menoufia

A Thesis

Submitted with the Requirements of Cairo University for Obtaining the
Degree of Ph.D. in Egyptology

Under Supervision of:

Prof. Dr. M. Abd El Halim

Nur El Din

Professor of ancient Egyptian Language
Faculty of Archaeology
Cairo University

Prof. Dr. J. Osing

Professor of Egyptology
Manager of Institute of Egyptology
Free University Berlin

2006

Summary

The Thesis is divided into 4 chapters, the topic of the Thesis is :

“Determinatives in the Pyramid Texts Writing System”

Introduction

The essence of Egyptology is the combination of a wide range of different kinds of evidence. Textual sources, written in an ancient language using hieroglyphs and their derivatives, not only sketch out Egyptian history but also provide a profound insight into the ancient mind and into the socio-economic affairs that are central to all complex societies.

The Pyramid Texts

The pyramid texts are the oldest collection of religious spells known to us from ancient Egypt. This collection forms the basis of much of the later religious theology and literature of ancient Egypt. The passages were eventually separated and categorized, as well as illustrated and eventually evolved into the Book of the Dead.

The determinatives

Determinatives, are signs needed in a specific word in specific text to give the word its general meaning, they are very important; with the absence of the vowels in the Egyptian writing they could have a role to secure the pronunciation of the words in which they appear, because they were originally prototypes signs had a specific pronunciations which were well-known to the people before writing, and then used after the invention of writing to help people for pronunciation the words. In such cases it might be more truly said that the phonogram determined the sound of the ideogram, than that the ideogram determines the sense of the phonograms.

I discussed the problems concerning the definition of ideograms, phonograms and logogram, etc. It is not in first place about terminology, it is about the hieroglyphic writing system. Once the elements or units of the system have been identified and the relations between these units have described the naming of the unit is of secondary importance. What is important is how the units are defined according to their function in the system.

Then I mentioned the importance of the determinative as a classifier of word in ancient Egypt

Chapter 2

In chapter 2, I collected all the determinatives from the nine pyramids typologically and classified them in tables according to the distribution of Gardiner. In addition to some other determinatives that were mentioned in the pyramid texts in detail and were found in different shapes (e.g. fire determinatives; meat determinatives; sceptre determinatives) which were written very accurately and in different shapes to show the normalisation in the writing system of the Pyramid Text.

Chapter 3

In chapter 3, the main body of my dissertation, I began with a full study of the above table analysis; the epigraphic evidences were made to each topic.

Chapter 4

In chapter 4, I focused on the normalisation and the dissimilation of the determinatives with full study of their contributions and role in defining the word they determined.

Conclusion

I presented all my results and discussions and tried to come out with the conclusion about the determinative in the writing system of the Pyramid Texts.

Key Words:

Determinatives.

Pyramid Texts.

Human determinatives.

Boats Determinatives.

Animal determinatives.

Birds determinatives

Trees and plants determinatives

Warfare determinatives.

Ropes determinatives.

Writing and games determinatives.

Loaves and Cakes determinatives.

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ"
صدق الله العظيم

[سورة: البقرة - الآية: 32]

اهداء

Dedication

الى روح ابي العزيز وامي الحبيبة

اهدي لهما ثمرة مجهودي

الى زوجي

To the Soul of my Mother and Father

I dedicate my work

To my husband

With the utmost love and affection.

Table of contents

“The Determinatives in the Pyramid Texts Writing System”

<i>Acknowledgements</i>	vii
<i>Preface</i>	viii
<i>List of abbreviations</i>	xii
Chapter 1 Introduction	
1-1. Writing	1
1-2. Egyptian Writings	1
1-2-1. The Predynastic Origin of Hieroglyphs	1
1-2-2. The Development of Writing in ancient Egypt.....	2
1-2-2-1. The archaic Period	3
1-2-2-2. The Old Kingdom	3
1-3. Egyptian Scripts	3
1-4. Characteristic of the Hieroglyphic Writing System.....	4
1-4-1. Ideograms and Phonograms.....	5
1-4-2. Determinatives	7
1-4-2-1. Types of Determinatives	9
1-4-2-1-1. The Semogram as Determinative	9
1-4-2-1-2. Double Determinatives	10
1-4-2-1-3. Special Determinatives	11
1-4-2-1-4. Generic Determinatives.....	11
1-5. The Pyramid Texts	11
1-5-1. The PT Writing and its nature	16
1-5-2. Characteristics of the Pyramid Texts Writing System	16

1-5-3. Diagram shows distribution of Utterances in the Pyramids.....	17
--	----














Chapter 2 Methodology




Tables of Determinatives

2-1. Human Determinatives (Man and his occupation, woman and her occupation).....	21
2-2. Divine Determinatives	55
2-3. Mammals and parts of Mammals Determinatives.....	73
2-4. Birds and parts of birds Determinatives.....	84
2-5. Amphibious, Reptiles Determinatives	89
2-6. Trees and plants Determinatives	96
2-7. Sky, Earth and Water Determinatives	104
2-8. Buildings, and parts of Buildings Determinatives.....	119
2-9. Boats and parts of boats Determinatives.....	137
2-10. Domestic and Funerary furniture Determinatives.....	142
2-11 Temple furniture and emblems Determinatives.....	144
2-12 Crowns dress and staves Determinatives	147
2-13. Warfare Determinatives.....	156
2-14. Agricultural, crafts and professions Determinatives	161
2-15 Ropes Determinatives.....	162
2-16 Vessels Determinatives.....	166
2-17 Bread and cakes Determinatives	174
2-18 Writing, games, Music Determinatives.....	178
2-19 Strokes and geometrical figures Determinatives.....	182
2-20. Unclassified Determinatives	185

Chapter 3 Examination

3-1. The Human Determinatives in the PT.....	190
--	-----

3-1-1. Suppression of the Human determinatives.....	191
3-1-2. The Replacement of the Human Determinatives	196
3-1-2-1. Replacement by a sign  ,  , 	196
3-1-2-2. Replacement by  and 	197
3-1-2-3. Replacement by	199
3-1-2-4. Replacement by a general Determinatives	200
3-1-2-5. Replacement by Homophone signs.....	201
3-1-3. The Mutilation of Human Determinatives	202
3-1-4. Plural Determinatives	207
3-1-5. Variations in Writing the Determinatives in the same Pyramid.....	209
3-1-6. The use of the Determinative  in the PT.....	210
3-2 The Divine Determinative in the PT.....	212
3-2-1 The Divine Determinative 	214
3-2-2 The Divine Determinative 	216
3-2-3 The Suppression of the Divine Determinative.....	217
3-2-4 Replacement of the Divine Determinative with the Stroke 	219
3-2-5 Plural Determinative.....	221
3-2-5-1 Plural Determinative with the Sign   	221
3-2-5-2 Plural Determinative by multiplying the Divine Determinative.....	221
3-2-6 Dual Determinative	222
3-2-6-1 The use of the Sign  Instead of the Dual Divine Determinatives.....	222
3-2-7 The representation of Horus in the PT.....	222

3-2-8 The Divine Determinative after the Suffix.....	224
3-2-9 Some Observation of Divine creatures appeared with the Divine Determinative ...	225
3-3 Mammals determinatives in the PT.....	228
3-3-1 Representation of Mammals in the PT.....	228
3-3-1-1  <i>rw</i>	228
3-3-1-2  <i>iw</i>	229
3-3-1-3  <i>wn</i>	229
3-3-2 Variation of the Animals Sign.....	232
3-4 The Stroke Determinative in the PT	235
3-4-1 Other Uses of the Stroke Determinative.....	237

Chapter 4

4-1. Normalisation of Determinatives in the PT	
4-1 Bread Determinatives in the PT.....	240
4-1-1 Bread in the Old Kingdom.....	240
4-1-2 The Normalisation in the Bread Determinative in the PT.....	240
4-2 The Normalisation of place Determinatives in PT.....	247
4-3 Normalisation of the Jars Determinative in the PT.....	257
4-3-1 Jars used for the libation	257
4-3-2 Jars used for the Measurements of the Grain and Fruit.....	258
4-3-3 The Measurement of Sacred Oil.....	259
4-3-4 Metal Weight	259
4-4 Normalisation in the Building Determinatives	261
4-5 Normalisations of the Boats Determinatives in the PT	268