SHORT EGYPTIAN GRAMMAR

BY

PROFESSOR DR. GÜNTHER ROEDER
DIRECTOR OF THE PELIZANUS-MUSEUM, HILDESHEIM,
FORMERLY READER IN EGYPTOLOGY IN THE UNIVERSITY OF BRESLAU

TRANSLATED FROM THE GERMAN

BY THE

REV. SAMUEL A. B. MERCER PH. D. (MUNICH), D. D.
PROFESSOR OF HEBREW AND OLD TESTAMENT IN THE
WESTERN THEOLOGICAL SEMINARY CHICAGO

NEW HAVEN: YALE UNIVERSITY PRESS
LONDON: HUMPHREY MILFORD
OXFORD UNIVERSITY PRESS
MDCCCCXX
TO

MR. JOHN L. MAGEE

THIS ENGLISH EDITION
IS AFFECTIONATELY DEDICATED

BY THE TRANSLATOR
TRANSLATOR'S PREFATORY NOTE.

The ever-growing interest taken in Egyptology has encouraged the hope that an English edition of Dr. Roeder's compact little handbook may prove useful to English-speaking students of the present time. For the beginner in the ancient language of the Egyptians, there is nothing in any language which compares in any way with Dr. Roeder's little book.

As translator, I have followed the original as closely as the English idiom would permit. I have, however, inserted additional references in the bibliographical section, and have here and there tacitly corrected misprints and other minor errors. Because of a difference between the English and the German pronunciation of the letter j, I have used y as the transliteration of the Egyptian ง.

It is with great pleasure that I avail myself of the opportunity of expressing my personal thanks to my wife and Miss Walther for assistance in translation, and likewise to the Rev. J. A. Maynard for a number of corrections and helpful suggestions. I wish also to thank the author for his kindness in reading the proof, the printers for the satisfactory accomplishment of their task, and the Yale University Press for their work of publication.

Chicago, July 17th. 1915.

Samuel A. B. Mercer.
PREFACE OF THE AUTHOR.

When Erman wrote his Egyptian Grammar in 1894, he was confronted with the task of handling for the first time in a scientific manner the hieroglyphics and the Egyptian language. He presented his subject in such a manner, however, that even a beginner could study it. In the later editions, with each of which there is associated an advance in the knowledge and dissemination of more correct conceptions of the Egyptian, Erman's work became broader and deeper, so that it now contains not only the foundations but also practically all the essential details of our grammatical knowledge. Hence, it has naturally become harder for the beginner to understand. Furthermore, since the reading exercises have in part been omitted, the beginner is obliged, even during the first year, to procure in addition to the Grammar a Chrestomathy and a Glossary as well. These cost all together Mk. 43.80.

This state of affairs has induced me to compile this little book for all those who wish to occupy themselves with Egyptian for a few semesters only; or who wish to overcome the first difficulties quickly and begin as soon as possible the reading of the easier texts. Such introductions are found in abundance in other sciences, and have proved of great benefit. It is meant not only to convey the rudiments in a practical manner, in the cheapest possible form, for the benefit of those inter-
ested, at the university or in wider circles, but also to place at their disposal for the first year material of the easiest kind, with all the necessary apparatus for reading, writing, and translating. It is hoped that my work will be judged in the light of these circumstances, especially in view of its inexpensiveness.

My presentation of the grammar is based upon Erman's "Grammar", Sethe's "Verbum", and the articles of various authors appearing in the technical journals. In the composition of the individual sections, I have been guided by my own experience in teaching. For the arrangement of other parts of my book, I have had no suitable model. The practical grammars in foreign languages, published in England (Budge, Murray) and in Italy (Farina), have their own peculiarities, to which I am indebted for occasional suggestions. In accordance with the modern method of teaching, employed in all languages, I have considered it my task to bring before the pupil from the very first hieroglyphic examples of the rules. He should thus be able, even after the first lesson, to translate simple sentences independently.

I shall be thankful for any suggested improvements, which are the result of practice; for even the smallest suggestion arising from experience can become of value to the future student. Only do not ask for scientific perfection; that would be impossible under the existing conditions. I am perfectly conscious of the fact that occasionally I have where unavoidable somewhat simplified complicated points of grammar, the double forms of the tense śd mf for example, or entirely omitted them. But this book is written for beginners. The
PREFACE OF THE AUTHOR.

When Erman wrote his Egyptian Grammar in 1894, he was confronted with the task of handling for the first time in a scientific manner the hieroglyphics and the Egyptian language. He presented his subject in such a manner, however, that even a beginner could study it. In the later editions, with each of which there is associated an advance in the knowledge and dissemination of more correct conceptions of the Egyptian, Erman's work became broader and deeper, so that it now contains not only the foundations but also practically all the essential details of our grammatical knowledge. Hence, it has naturally become harder for the beginner to understand. Furthermore, since the reading exercises have in part been omitted, the beginner is obliged, even during the first year, to procure in addition to the Grammar a Chrestomathy and a Glossary as well. These cost all together Mk. 43.80.

This state of affairs has induced me to compile this little book for all those who wish to occupy themselves with Egyptian for a few semesters only; or who wish to overcome the first difficulties quickly and begin as soon as possible the reading of the easier texts. Such introductions are found in abundance in other sciences, and have proved of great benefit. It is meant not only to convey the rudiments in a practical manner, in the cheapest possible form, for the benefit of those inter-
ested, at the university or in wider circles, but also to
place at their disposal for the first year material of the
easiest kind, with all the necessary apparatus for reading,
writing, and translating. It is hoped that my work
will be judged in the light of these circumstances, es-
pecially in view of its inexpensiveness.

My presentation of the grammar is based upon
Erman’s „Grammar“, Sethe’s „Verbum“, and the articles
of various authors appearing in the technical journals.
In the composition of the individual sections, I have
been guided by my own experience in teaching. For
the arrangement of other parts of my book, I have had
no suitable model. The practical grammars in foreign
languages, published in England (Budge, Murray) and
in Italy (Farina), have their own peculiarities, to which I
am indebted for occasional suggestions. In accordance
with the modern method of teaching, employed in all
languages, I have considered it my task to bring before
the pupil from the very first hieroglyphic examples of
the rules. He should thus be able, even after the first
lesson, to translate simple sentences independently.

I shall be thankful for any suggested improvements,
which are the result of practice; for even the smallest
suggestion arising from experience can become of value
to the future student. Only do not ask for scientific
perfection; that would be impossible under the existing
conditions. I am perfectly conscious of the fact that
occasionally I have where unavoidable somewhat sim-
plified complicated points of grammar, the double forms
of the tense ñdm.ñf for example, or entirely omitted
them. But this book is written for beginners. The
omission of references in the reading exercises is intentional, for the beginner does not need to see the complete texts from which the extracts were taken, and the Egyptologist knows them anyway.

Breslau, Christmas 1912.  

Günther Roeder.
AUTHOR'S NOTE ON THE ENGLISH EDITION

The state of affairs in connection with English textbooks of the Egyptian language is not more satisfactory than that of the German. Professor Breasted's translation of the first edition of Erman's grammar is long since exhausted and outgrown; and Budge's and Murray's introductory books, however useful they may have been, cannot be considered a substitute. Therefore, I have gladly accepted Professor Mercer's kind offer to translate my little Introduction; and students, as well as I, will be thankful for his labour of love.

May Professor Mercer be permitted to see his work crowned with success! America and England have many first rate Egyptian archaeologists, but comparatively few Egyptian philologists; and accordingly the attention of wider circles has been directed more toward excavations and antiquities than toward Egyptian literature. It would be a real delight for German Egyptology, if it could see its philological results made serviceable to the same wider circles, and if thereby the general presentation of the intellectual life of Egypt could be disseminated in a desirable manner.

Hildesheim, Christmas 1915.

Güntner Roeder.

The work of printing could not be finished before Christmas 1919. Miss Latona Williams has kindly helped much in reading the proofs and in correcting errors.
CONTENTS.

Literature ..................................................... VII
Chronological Table §§1-8 .................................... 1
Nature of the Language and of its Script §§7-9 .............. 2
Script §§10-19 .................................................. 4
Preliminary Survey §§20-28 .................................... 9
Phonology §§29-34 ............................................. 12
Noun §§35-48 .................................................. 15
Pronoun §§49-59 ............................................... 21
Particles §§60-70 ............................................... 25
Preposition and Conjunctions §§60-64. Adverbs and Parti-
ticles §§65-70.
Verb §§71-130 .................................................. 30
Stem §§71-79. Conditional forms §§80-82. Suffix con-
jugation §§83-96. Predicate §§97-98. Imperative
Relative forms §§118-120. Auxiliary Verb §§121-130.
Syntax (The Sentence) §§131-141 .............................. 48
Order of Words and Emphasis in Principal Sentences
§§131-133. Special Kinds of Sentences §§134-141.
List of Hieroglyphs ............................................ 54
Vocabulary ..................................................... 68
Notes on the Reading Exercises ............................... 80
Index .......................................................... 86
Reading Exercises ............................................. *1-*56
Literature for Beginners.

**Introduction.** AD. ERMAN, *Die Hieroglyphen*, Göschens Series, 1912, 80 Pf., containing a concise sketch of the decipherment and grammar as well as a few texts.

**Texts.** When the present Grammar and Reading Exercises are finished, the student should attempt texts which are almost or quite complete and which are printed in the form of sentences. Such will be found in AD. ERMAN, *Ägyptische Chrestomathie*, Berlin, 1904, 12,50 M.; E. A. WALLIS BUDGE, *An Egyptian Reading Book*, London, 1896, 18 shillings (a series of historical, funeral, moral, religious, and mythological texts printed in hieroglyphic characters together with a transliteration and a complete vocabulary); K. SETHE, *Urkunden des Ägyptischen Altertums: IV. Urkunden der 18. Dynastie, 16 Hefte*, Leipzig, 1905 ff., each 5 M. The student should not allow the occurrence of occasional words, forms, and constructions which are not clear to hinder his progress, and difficulties will increase when he tackles inscriptions in their original arrangement. For such, see: Staatliche Museen zu Berlin, *Ägyptische Inschriften* (since 1901, 7 Hefte, Berlin, 1901 ff., each 7,50 M.); *Hieroglyphic Texts from Egyptian Stelae, etc.*, in the British Museum (since 1910, 5 parts, London, 1910 ff., each 7s. 6d.). Then he should copy inscriptions in Museums, Institutes, or Libraries which have originals, plaster casts, or photographs. Then and only then will he learn to understand the peculiarity of the hieroglyphic script and the nature of ancient monuments.


zur Religion des alten Ägypten, Jena 1915, 7,50 M. (Translations of texts with introduction and explanations).


XIV

LITERATURE


Chronological Table.

EARLY PERIOD: Predynastic period and Dyn. 1—2. § 1. 4000—2000 B. C.

Primitive culture; beginning of the script.

OLD KINGDOM: Dyn. 3—6 2900—2400 B. C. § 2.
Kings were buried in pyramids (in which are the “Pyramid texts”); rich private persons in Mastabas.

MIDDLE KINGDOM: Dyn. 11—13 2200—1800 B. C. § 3.
Dynasty 12 is the period of classic literature and religion. Secular and religious texts were written on papyrus in hieratic, or engraved and painted in hieroglyphics on the walls of temples and private tombs and coffins.

The classic literature of the Middle Kingdom is further continued; gradually more and more elements from the vernacular penetrate into the classic language, and from the hieratic script pass into the hieroglyphics.

After the language and orthography had completely degenerated, there was a conscious return to antique words, forms, and writing; the “renaissance” was carried out by the kings of Sais (“Saitic Period”).

While in daily life a very slurred vernacular was used—written in the “demotic” script—the priests, studying the religious literature of all past epochs, placed their texts on the walls of the temples in mysterious reinterpreted hieroglyphics which none of the common people could read. The knowledge of the hieroglyphics died out with the last priests of the Egyptian gods, who in remote places served them until the fifth century A. D. The Greek language, which was spoken in Egypt since the last few centuries B. C., entirely replaced the native idiom in the first century A. D.
Nature of the Language and Script.

7. The Egyptian language is related to Semitic languages as well as to the Berber and East African Hamitic languages, and has connections, which are easily traceable, with each individual language of both these groups. The theory of the grafting of a Semitic on to an African language has lately been given up again. If this introduction associates itself closely with the Semitic languages, especially Hebrew, it does so only on superficial grounds: on the one hand, because the history of Semitic languages is better known to us than that of the African; and on the other, because the greater number of those who will use this book will be Semitic and theological students.

8. The most important epochs in the development of the Egyptian language—only one of which is really taken into consideration by this introduction, namely, the classical language—are the following:

a. THE ANCIENT LANGUAGE: in the "Pyramid texts" (religious inscriptions of the Old Kingdom). Preserved almost entirely in the hieroglyphics.

b. THE CLASSICAL LANGUAGE: in the inscriptions and papyri of the Middle Kingdom; imitated in the official and religious inscriptions of all the following epochs; but became more and more intermingled with vernacular forms and words. They are written in hieroglyphics and hieratic.

c. THE VERNACULAR: in the earlier epochs only faintly traceable; generally used in daily intercourse and secular writings of the New Kingdom; written almost
entirely in hieratic on papyrus. From this idiom the language of the Late Period was developed, which was written in demotic and used in official documents down to the Roman period.

COPTIC: spoken in Christian times, and also used for the translation of the Bible, etc. It is a development of the vernacular of earlier times, and is written with the Greek alphabet and native supplementary letters, and hence is known to us in vocalization also.

The Egyptian language is written in three different § 9 styles of script, which in this introduction are always transposed into hieroglyphics, facing towards the left. All scripts render only the consonants, without considering the vowels.

HIEROGLYPHICS: used in temples and tombs a carved in stone and wood or painted in colours; facing usually towards the right, but sometimes, for decorative reasons, towards the left. The knowledge of them was confined to priests and scholars.

HIERATIC: written on papyrus with a dried rush b stem and black or red ink. The individual signs are written in more or less abbreviated form according to the hand-writing. They stand for hieroglyphs, and are always rendered in this introduction by hieroglyphs. They are written from right to left; but as hieroglyphics they are reversed in this introduction.

DEMOTIC: an abbreviated script (brachygraph) c of the Graeco-Roman period developed from the Hieratic; facing towards the right.
The Script.

10. The hieroglyphic script originated in pictures of visible objects; a picture was drawn and the name of the represented object, or the act indicated thereby, was pronounced. For example ꜁ was written for ḫor “face”, or ḫ for yar(t) “eye” and for words of “seeing”. Later on, these pictures were also used for words which happened to be composed of the same consonants as those which made up their own name; thus ꜁ was written also for ḫir “upon” and for ḫray “the upper”, likewise ⲟ was used for all forms of the verb “to make”, yir, yer, yor, etc. In all these cases no account was taken of the vowels, so that gradually the original pictures of objects became signs for groups of consonants. Some of these groups of consonants were very short, and appeared in other words as syllables. Herein lies an important step in the evolution of hieroglyphics towards a phonetic script. Finally, some of the characters depreciated so much, that they represented only one consonant. It thereby became possible to write any desired word as well as to denote the grammatical endings of words.

11. The hieroglyphic script of historical times contains elements of every epoch of its development; it has, in the first place, pictures for whole words (“word—signs”), or for small groups of consonants (wrongly called “syllabic-signs”); and secondly, alphabetic phonetic signs for individual consonants (§ 12). A very practical habit of the Egyptians helps us to obtain quickly and almost accurately the meaning of words written phonetically:
they placed at the end of almost every word a picture ("determinative" or "explanatory-sign"), by which they indicated the group to which the word in question belonged. The determinatives and word-signs are closely connected in origin and use. Thus, after names and designations of men is placed a §, of women a ¶, of gods a , of birds a , of snakes a ; after substantives and verbs which are associated with the idea of running a a, with that of eating and speaking a a, with that of seeing a a, with that of sun, light, or time a 0, with that of a range of desert mountains a a, with that of fire a a; after abstracts a parchment-roll a; after energetic activities a a or a etc.

The number of determinatives is very large, and for individual words they can be used and multiplied to almost any extent; yet in general, there are certain definite ways of writing the words; and, in fact, as time passed, more and more determinatives were placed after a word (§ 12 on page 6; cf. p. *1).

Some characters were taken later on into the alphabet, § 13. and, occasionally in the Middle Kingdom, but often in the New Kingdom, they occur instead of the older characters. They are for m, for n, \ for y, e for w. Further, quite early they wrote r instead of \ for y and or \ for m.
<table>
<thead>
<tr>
<th>Hieroglyph</th>
<th>Transliteration</th>
<th>English Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>𓊕</td>
<td>l</td>
<td>water</td>
</tr>
<tr>
<td>𓊖</td>
<td>i</td>
<td>owl</td>
</tr>
<tr>
<td>𓊗</td>
<td>s</td>
<td>small box</td>
</tr>
<tr>
<td>𓊘</td>
<td>n</td>
<td>leg</td>
</tr>
<tr>
<td>𓊙</td>
<td>m</td>
<td>chicken</td>
</tr>
<tr>
<td>𓊚</td>
<td>c</td>
<td>arm</td>
</tr>
<tr>
<td>𓊛</td>
<td>k</td>
<td>reed-leaf</td>
</tr>
<tr>
<td>𓊜</td>
<td>e</td>
<td>eagle</td>
</tr>
<tr>
<td>𓊝</td>
<td>s</td>
<td>hen</td>
</tr>
<tr>
<td>𓊟</td>
<td>y</td>
<td>bolt</td>
</tr>
<tr>
<td>𓊠</td>
<td>i</td>
<td>club</td>
</tr>
<tr>
<td>𓊡</td>
<td>s</td>
<td>disk</td>
</tr>
<tr>
<td>𓊢</td>
<td>q</td>
<td>coil</td>
</tr>
<tr>
<td>𓊣</td>
<td>j</td>
<td>wall-top</td>
</tr>
<tr>
<td>𓊤</td>
<td>f</td>
<td>stand</td>
</tr>
<tr>
<td>𓊥</td>
<td>𓊯</td>
<td>basket with handles</td>
</tr>
<tr>
<td>𓊦</td>
<td>n</td>
<td>triangle</td>
</tr>
<tr>
<td>𓊧</td>
<td>t</td>
<td>pond</td>
</tr>
<tr>
<td>𓊨</td>
<td>p</td>
<td>hand</td>
</tr>
<tr>
<td>𓊩</td>
<td>𓊯</td>
<td>bend</td>
</tr>
</tbody>
</table>

The phonetic signs are traditional and partly quite arbitrary. They may not all mean what the picture represents, for the phonetic equivalents are in reality more complex than can be represented in this table.

The descriptions are traditional and partly quite arbitrary. They may not all mean what the picture represents, for the phonetic equivalents are in reality more complex than can be represented in this table.

**LIST OF PHONETIC SIGNS (ALPHABET)**

<table>
<thead>
<tr>
<th>Name of the Sign</th>
<th>Sign</th>
<th>Phonetic</th>
<th>Name of the Sign</th>
<th>Sign</th>
<th>Phonetic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snake</td>
<td>𓊕</td>
<td>l</td>
<td>Water</td>
<td>𓊖</td>
<td>i</td>
</tr>
<tr>
<td>Hand</td>
<td>𓊗</td>
<td>s</td>
<td>Owl</td>
<td>𓊘</td>
<td>n</td>
</tr>
<tr>
<td>Wall-top</td>
<td>𓊙</td>
<td>m</td>
<td>Small box</td>
<td>𓊚</td>
<td>c</td>
</tr>
<tr>
<td>Stand</td>
<td>𓊛</td>
<td>k</td>
<td>Leg</td>
<td>𓊜</td>
<td>e</td>
</tr>
<tr>
<td>Basket with handles</td>
<td>𓊝</td>
<td>s</td>
<td>Chicken</td>
<td>𓊝</td>
<td>c</td>
</tr>
<tr>
<td>Triangle</td>
<td>𓊟</td>
<td>t</td>
<td>Arm</td>
<td>𓊟</td>
<td>t</td>
</tr>
<tr>
<td>Pond</td>
<td>𓊠</td>
<td>j</td>
<td>Reed-leaf</td>
<td>𓊠</td>
<td>j</td>
</tr>
<tr>
<td>Hen</td>
<td>𓊡</td>
<td>q</td>
<td>Eagle</td>
<td>𓊡</td>
<td>q</td>
</tr>
<tr>
<td>Bolt</td>
<td>𓊢</td>
<td>f</td>
<td>Triangle</td>
<td>𓊢</td>
<td>f</td>
</tr>
<tr>
<td>Club</td>
<td>𓊣</td>
<td>𓊯</td>
<td>Pond</td>
<td>𓊣</td>
<td>𓊯</td>
</tr>
<tr>
<td>Disk</td>
<td>𓊤</td>
<td>n</td>
<td>Water</td>
<td>𓊤</td>
<td>n</td>
</tr>
<tr>
<td>Coil</td>
<td>𓊥</td>
<td>c</td>
<td>Owl</td>
<td>𓊥</td>
<td>c</td>
</tr>
</tbody>
</table>

The phonetic signs are traditional and partly quite arbitrary. They may not all mean what the picture represents, for the phonetic equivalents are in reality more complex than can be represented in this table.

The descriptions are traditional and partly quite arbitrary. They may not all mean what the picture represents, for the phonetic equivalents are in reality more complex than can be represented in this table.
The Egyptians laid more stress on the calligraphy § 14. than on the correct writing of a word. The characters belonging together were always placed in a square; thus and not \( \text{šr.t} \). In order to get the desired square, consonants were occasionally omitted, e. g. \( \text{rm} \) instead of \( \text{rm} \) "man"; or characters were placed one inside the other, e. g. \( \text{wt} \) instead of \( \text{wt} \), \( \text{t} \) instead of \( \text{t} \); some characters, also, were placed horizontally or vertically as desired.

In the use and writing of "word-signs” and "syllabic- § 15. signs” (for words of more than one consonant) they proceeded quite differently, sometimes according to rule, sometimes at will and variably. Namely:

a) All consonants of syllabic-signs were, in addition, a written out singly; e. g. \( \text{sbk} \) "crocodile", \( \text{ymḥ} \) “respectable”, \( \text{mḥ} \) “just”.

b) Only the first consonant was written separately: \( \text{ud} \) "to command".

c) Only the last consonant was written separately: \( \text{ḥtp} \) "to rest", \( \text{ḥnḥ} \) “to live”; syllables: \( \text{mn} \), \( \text{mr} \).

d) The word-sign, with or without a stroke under or after it, stands alone, without the addition of a consonant: \( \text{hrp} \) "guide", \( \text{pr} \) "house", \( \text{mr} \) "director", \( \text{ḥry} \) "chief".
16. As in Semitic grammar, \( y \) and \( w \) are called "weak consonants". They are often not written even when they are spoken; perhaps because they had occasionally, as is certainly the case in Coptic as well as in Semitic languages, the value of a vowel ("half-vowel").

17. The determinatives are added or omitted, often at will. The number of added determinatives, also, is not the same in different kinds of orthography; in general, papyri oftener than inscriptions have a determinative, and, indeed, since the New Kingdom, prefer several determinatives after a word. Examples: \( \begin{array}{c}
\text{š}n, \\
\text{ū} \text{š} \text{n}
\end{array} \) or \( \begin{array}{c}
\text{š} \text{n}, \\
\text{ū} \text{š} \text{n}
\end{array} \) “brother”, \( \begin{array}{c}
\text{g} \text{š} \text{t}, \\
\text{š} \text{g} \text{š}
\end{array} \) “great”, \( \begin{array}{c}
\text{k} \text{š} \text{t}, \\
\text{š} \text{k} \text{š}
\end{array} \) “work”, \( \begin{array}{c}
\text{w} \text{š} \text{y} \text{r}, \\
\text{š} \text{w} \text{š} \text{y}
\end{array} \) or \( \begin{array}{c}
\text{w} \text{š} \text{y} \text{r}, \\
\text{š} \text{w} \text{š} \text{y}
\end{array} \) “Osiris”, \( \begin{array}{c}
\text{w} \text{n}, \\
\text{š} \text{w} \text{n}
\end{array} \) “to open”, \( \begin{array}{c}
\text{w} \text{š} \text{t} \text{n}, \\
\text{š} \text{w} \text{š} \text{t}
\end{array} \) “to step”.

18. Special script-play arose, due to the fact that signs for holy or revered persons or things were placed before those signs which they should immediately have followed. Examples: \( \begin{array}{c}
\text{hm} \text{n} \text{tr}, \\
\text{h} \text{m} \text{n} \text{t} \text{r}
\end{array} \) “servant of the god, prophet”, \( \begin{array}{c}
\text{h} \text{t} \text{n} \text{tr}, \\
\text{h} \text{t} \text{n} \text{t} \text{r}
\end{array} \) “house of the god, temple”, \( \begin{array}{c}
\text{m} \text{r} \text{y} \text{m} \text{n}, \\
\text{m} \text{r} \text{y} \text{m} \text{n}
\end{array} \) “beloved of Amon” (\( \text{M} \text{a} \text{ρ} \text{ω} \text{ο} \text{ν} \)).

\( b \) Names of kings were enclosed in an oblong, (“king’s ring, cartouche”) (hieroglyph for \( \text{r} \text{n} \) “name”). Examples: \( \begin{array}{c}
\text{ym} \text{n} \text{h} \text{t} \text{p}, \\
\text{y} \text{m} \text{n} \text{h} \text{t} \text{p}
\end{array} \) \( \text{Amenhotep} \), \( \begin{array}{c}
\text{d} \text{s} \text{r} \text{k} \text{s} \text{t} \text{r} \text{c}, \\
\text{d} \text{s} \text{r} \text{k} \text{s} \text{t} \text{r} \text{c}
\end{array} \) (first name of Amenhotep I).

\( c \) Stereotyped formulas and frequently recurring titles were repeated only in recognized abbreviations. Examples: \( \begin{array}{c}
\text{š} \text{t} \text{n} \text{b} \text{t} \text{y}, \\
\text{š} \text{t} \text{n} \text{b} \text{t} \text{y}
\end{array} \) “king of Upper Egypt, king of Lower
Egypt”; ḫr ḯ jḥ ḣ “the strong ox” (king’s title), ḫmh-ḥey ṣt “first prophet, chief priest”; ḫmj ḣ, ḫwd ḣ, str “may he live, be happy and well” after the names of kings (*56, 1).

Our transcription in Latin letters is not meant to render every hieroglyphic character, but only the consonantal value (without repetition) which is represented; thus, we transcribe ḫmr not by ṣn-ḥmr but by ṣn. Furthermore, the omitted weak consonants ẓ and ṣ are also to be inserted in the transcription: ḫmr ṣr “cool water”. Finally, the old consonantal values which were altered because of the change of sound are to be replaced (§ 33). In each word, the root is separated by a point from the preceding and succeeding parts (ḥmr “to give life”, ṣḥmr “rouge”, ṣḥmr “his house”); compound words are connected by a hyphen (ḥmr-ḥmr “servant of the god”).

Preliminary Survey.

The Egyptian has two genders: masculine and feminine. § 20. Masculine substantives and adjectives have no ending which is invariably present; feminines add ṣ to the stem: ḫmr sḥ “son”, ḫmr sḥ t “daughter”; ḫmr sḥ ṣmr “a good son”, ḫmr sḥ ṣmr ṣmr “a good daughter”.

Substantives and adjectives can stand in:
Singular; ending: mas. —, fem. ṣmr.
§§ 21, 22. Preliminary Survey.

b Plural; ending: mas. w, fem. wt; always with the addition of three strokes ||| or | . Examples: ḫw "the arms", ḫm.wt "the workshops". (Continued in § 36a.)

The definite article is p  "the" (mascul.), t "the" (femin.), cf. examples in § 41.

21. a The nominative and accusative are not differentiated in hieroglyphics; thus  štn "the king" (nom. and acc.);  św "he" and "him".

b The addition of the preposition n corresponds to the English dative with "to"; thus  n štn "to the king."—Cf. § 61c.

c The genitive relation is rendered either by direct proximity of the two words ("status constructus" or "construct state"); or by means of the connecting word n, fem. n.t, plural or n.w, which agrees in gender and number with the preceding substantive. Examples: mr mšc "commander of the army" (*2, 6); pr n ymn "house of Amon" (*2, 9); šm.c.y.t n.t ymn "dancing-girl of Amon" (*2, 10); ḫm.w.t n.w h.t-ntr "workshops of the temple" (*2, 11). (The hieroglyphs of these examples should always be copied from the reading exercises.)

22. As in Semitic languages, the pronoun can be affixed ("pronominal suffix") to the substantive with which it is intrinsically connected:  s3.y "my son", pr.k
"thy house", \( h.t.f \) "his body", \( s.t.s \) "her daughter".

The same pronominal suffixes are attached to the root § 23. of the verb in order to indicate the subject. E. g. from \( sdm \) "to hear" we have the present: \( sdm.y \) "I hear", \( sdm.k \) "thou hearest", \( sdm.f \) "he hears", \( sdm.sn \) "they hear". In like manner the perfect, which attaches \( n \) as a sign of time to the stem of the verb: \( sdm.n.y \) "I have heard", \( sdm.n.k \) "thou hast heard", \( sdm.n.f \) "he has heard".

As a preliminary to the subject of prepositions, note § 24. the following: \( m \) "in", "with"; \( n \) "for", \( r \) "to", \( hr \) "upon".

The order of words in the Egyptian sentence is § 25. essentially the same as in the Semitic, this order being:
1) verb, 2) subject, 3) object, 4) further modifications.


With a transitive verb: \( rdy h.ty-c t.t n \) "the a count gives bread to the hungry" (*3,5): \( rdy.y n.k s.fy.t.k \) \( m \) \( yb.w \) \( n.w \) \( rm \) "I give (place) thee thy reputation in the hearts of men" (*3,6).

With an intransitive verb: \( htp ytm m \) \( yb.t \) \( ymn.ty.t \) b "Atum sets in the western horizon" (*3,7).

With the verb "to be": \( yw d.b \) \( ym.f \) "figs are in it" (*7,2).
27. The verb "to be" can be omitted; in which case the sentence consists merely in a "noun" (substantive) and adjective, and is called a "nominal sentence". C3 by.t.f, C83 b3k.w.f "its honey (is) enormous, its olive-trees (are) innumerable" (*7,4).

28. With regard to the attaching of subordinate sentences the following is important:
   a Relative sentences are either not introduced at all, or are introduced by the connective nty "which, fem. nty.t, plu. nty.w. Examples: "the singer, nty m t3 (m.)ttc.t who is in the grave" (*49,2).
   b The negative nn "not" is used before negative nominal and verbal sentences; e.g. nn drw "there is no limit" (*7,7); "a bark, nn hm.s whose rudder was not there" (*43,4); nn snw b3.y my soul was not guarded (*23,7).

Phonology.

The following should be added to the table (§ 12) of alphabetic signs and their meaning:

29. To the "weak" consonants: ζ is so closely related to the weak consonants that it is often not written; e.g. dζ "food". It sometimes changes to y, e.g. in η pζ "to fly"; in which case the word is often written with η, as in the old orthography, still another y being added to the η: η | py.
§§ 30. 31. PHONOLOGY.

y has a double nature; it corresponds in Coptic, \( \textit{\textbf{\textcircled{b}}} \) as well as in the Semitic languages, sometimes to \( y \), sometimes to \( \textit{\textbf{\textcircled{3}}} \). As a weak consonant it is often not written (§ 16). It changes with \( \textit{\textbf{\textcircled{c}}} \) \( w \) (cf. \( d \)).

\( c \) is, in contradistinction to \( \textit{\textbf{\textcircled{3}}} \), \( y \), and \( w \) a strong \( c \) and unchangeable consonant, which, until the fifth century B. C., was still spoken, and its influence appears in the Coptic etymology.

\( w \), as a weak consonant, is often not written (§ 16). \( d \)

In some words old \( w \) becomes \( y \), in others old \( y \) becomes \( w \).

As to \( n \), \( r \), \( l \): the Egyptian script knows no \( l \); where \( n \) in the Coptic has an \( l \), or where the corresponding Semitic \( a \) indicates it, \( n \) \( \textit{\textbf{\textcircled{\textendash}}} \) or \( \textit{\textbf{\textcircled{\textendash}}} \) \( r \) or the vulgar combination \( \textit{\textbf{\textcircled{\textendash}}} \) or \( \textit{\textbf{\textcircled{\textendash}}} \) \( n r \) is found.

Final \( \textit{\textbf{\textcircled{\textendash}}} \) \( r \) sometimes appears in the script slurred \( b \) to \( \textit{\textbf{\textcircled{\textendash}}} \) \( y \) (i.e. \( \textit{\textbf{\textcircled{3}}} \)?), and then in Coptic disappears. In reality it disappeared in early times. Such an \( r \) is written \( \textit{\textbf{\textcircled{\textendash}}} \), which can only be transcribed in an historical way by \( r \), or by \( y \) according to the effected vowel-change. Cf. \( \textit{\textbf{\textcircled{\textendash}}} \textit{\textbf{\textcircled{\textendash}}} 24,1; \( \textit{\textbf{\textcircled{\textendash}}} \textit{\textbf{\textcircled{\textendash}}} *13,5.

The aspirates. They were sharply distinguished from § 31 each other in the older language. \( \textit{\textbf{\textcircled{\textendash}}} \) \( h \) somewhat as in our “have”, \( \textit{\textbf{\textcircled{\textendash}}} \) \( h \) as in the energetic shout “ha!”, \( \textit{\textbf{\textcircled{\textendash}}} \) \( h \) as in the Scotch “loch”; \( \textit{\textbf{\textcircled{\textendash}}} \) \( h \) somewhat similar to the last, and was in part changed to \( \textit{\textbf{\textcircled{\textendash}}} \) \( h \).
§§ 32. 33. Phonology.

a. The s and t sounds:
   a In the Middle Kingdom the s sounds, —— s and
   Є s were interchangeable.
   b Of the dentals, in the Middle Kingdom —— t became
   Є t and Є d became —— d. The Semitic equivalents
   are here especially complicated, and our traditional
   transcription certainly does not reproduce the spoken
   sound.

33. The most frequent cases of sound-change are
   ($§$ 29—32):
   a Є z and Є r to Є y.
   b Є y to Є w and the reverse.
   c Є h to Є h.
   d —— s to Є s and the reverse.
   e —— t to Є t and Є d to —— d.
   f All these transitions, in the designation of which the
   hieroglyphics are not consistent, had been made as early
   as the Middle Kingdom; hence, from this time on, for
   —— can be given an old —— s or Є s, and for Є an
   old Є t or —— t etc. From the beginning a habit
   should be formed of using the old signs Є, s, Є, t, and
   Є d in transcription, to impress upon the mind the original
   phonetic value, even when they are written with the
   hieroglyphics for more recent sounds.
   g —— and Є are wrongly written where t and d respectively
   (not at all derived from т and Є) are meant; e. g. Є ndm.t instead
of $\text{tn}d\text{m.t}$ *50,4; $\text{yn}$ instead of $\text{yn}$ *23,5 *24,5. Likewise (which as a grammatical ending depreciated to $t$, § 81) for $t$.

Where in the course of centuries there arose transpositions in consonantal values, first of all there was written the original phonetic value with its peculiar word or syllable sign—just as in the case of the reproduction of a consonant, changed on account of a change in sound (§ 29a, 30b)—and then the transposed consonants were again added in their new position. Hence from the old $\text{km}^2$ “to create”, arose the later $\text{kzm}$; in like manner, out of $\text{ym}^2$ “goodness”, arose the later $\text{ymm}$.

**Nouns.**

The noun (substantive and adjective) has essentially the following root forms:

With two, three or more consonants: among which a may be “weak” ones, which are not always written.

Formations with an $\text{m}$ prefixed to the root (just $b$ as in Semitic). Examples: $\text{m.sdm.t}$ “paint” from $\text{sdm}$ “to paint”.

Compounds with prefixed $\text{nt}$ or $\text{bw}$ (really, $c$ “place”) express abstracts, or with suffixed $\text{yr.f}$ (“he does”) express the names of professions and of attributes. Example: $\text{bw-nfr}$ “the good”.

d. Some substantives, especially names of gods, have a singular ending in \( \textit{w} \), which is often not written; e.g. \( \textit{Mntw}, \textit{Jtmw} \).

e. Compounds often have a special determinative for the whole group; e.g. \( \textit{r3-pr} \) "temple"; \( \textit{nty.w-ym} \) "the dead" (*32,4).

36. The plural endings are: masc. \( \textit{w} \), fem. \( \textit{wt} \). They are written:

a. Either by writing the word sign three times, according to ancient custom: \( \textit{ntr.w} \) "gods".

b. Or by a word sign with the "plural-strokes" (§20b): \( \textit{i} \).

c. Or by the "plural-strokes" after the determinative: \( \textit{i} \).

d. In all these cases the \( \textit{w} \) of the ending in both genders is seldom written, e.g. \( \textit{yrp} \) (ancient).

37. The "plural-strokes" often do not denote a real plural, but a singular word with a plural meaning. Examples:

a. Collectives: \( \textit{yrp} \) "wine" (*7,3);

abstracts: \( \textit{hcw} \) "splendour" (*4,7).

b. Such words, even when they are written without the plural-strokes, are often constructed like a plural, having their verb in the plural; the same is true of compounds with \( \textit{nb} \) "each". Example *5,7–8: "my milk (streams), \( \textit{csh.n} \) they enter thee".

38. In compound words only the first part takes the plural ending; e.g. \( \textit{h3.tyw-C} \) "counts" from

h3.ty-c; ymy.w-bch “forefathers” from ymy-bch, r3.w-pr “temples” *31,10.

In addition to the plural, the old language had a § 39. dual, which in some cases lasted into the time of the Coptic. Ending: masc. wy fem. ty. The dual was written:

a) by means of a repetition of the word sign: a c.wy “both arms”; cf. thn.wy *16,6.

b) by means of a repetition of the determinative: b rd.wy “both feet”, cf. *40,2. 43,5.

c) by means of the addition of the “dual-strokes” c which are then taken as a sign for the ending y: sn.ty “both sisters”. In like manner, the suffix of a dual noun can take the “dual-strokes”: ynh.wy.f *46,9.

For extant Egyptian nouns with both genders (masculine and feminine) cf. § 20. Names of foreign lands a are feminine, e.g. k3š hsy.t “the wretched Cush (Nubia)” *30,8.

The neuter is represented: in antiquity by the feminine b (cf. § 120), in more recent times by the masculine: cf. yry.w “that which is done (masc.)” *25,7.

For the connection of two substantives with or without § 40. the connective n cf. § 21c. To indicate an attribute a substantive is joined to an adjective; e.g. w3h stny.t “fortunate in royalty” (*4,7).

The classical language has no article. In the vernacular, the definite article “the” was developed from the demonstrative pronoun “this” p2, t3, t4.
n3 (§57d), and lasted into the classical period (§8b). Likewise, the indefinite article “a” was developed from the numeral \[ w^1 \text{ “one” (§46). Examples: p3 t3 “the land” (*50,8); t3 (m)chc.t “the grave” (*49,2); n3 hr.w “the wretched ones” (*52,9); wct ssm.t “a mare” (*40,11). –For declension cf. § 21.]

Adjective

1. In writing, adjectives are usually not distinguishable from substantives and participles. For adverbs cf. § 66.

b An especially frequent nominal formation in adjectives is the “gentilic”, which is formed by the addition of \[ y \] or \[ y \] to a substantive; it is also derived from prepositions: § 63. The ending \[ y \] is often not written, especially in the feminine. Gentilic forms derived from feminine substantives end, in the singular: mas. \[ ty, \\
\text{fem.} \\
\text{fem.} \)

Examples \[ hm.ty “artist” (*2,2) from \[ hm.t “art”; nw.ty “municipal” from \[ nw.t “town”, plural nw.tyw *21,11; mh.ty “northern” (*17,11) from \[ mh.t “north”.)

3. The adjective follows the substantive which it qualifies, and agrees with it in number and gender; the writing of the ending, however, is very irregular and careless. The adjective \[ ky “the other”, fem. \[ kty, is exceptional in that it precedes its substan-
§§ 44. 45. Adjective. § 46. Numerals.

tive; examples: ky rm’t “another man”; kty phr.t “another remedy”.

The adjective ḏš “self” with suffixes is used in a § 44. special way. Examples: štn ḏš.f “the king himself”; ḫpš.y ḏš.y “my own crescent sword” (in a speech by the king).

Two compound expressions for “all”, “the whole”, are b used with suffixes: ḏḏ r ḏr “up to the border” and my ḫd “commensurable with the circumference”. Examples: tšr ḏr.f “the whole land” (*11,1); rš.w-pr my ḫd.sin “the temple in its completeness”.

Egyptian apparently has no special forms of comparison. § 45. The comparative is expressed by means of the preposition ḏr “more than” (§61 b). Examples: ur n.f yrp r mw “great to him wine than water — he has more wine than water” (*7,3); cšš st r šc n wdb “they are more numerous than the sand of the sea-shore” (*37,3).

Numerals

The numerals may be used as substantives or adjectives; § 46. the feminine and plural endings, however, are very seldom written.

The numeral signs are almost always used; only with the lowest units occasionally the phonetic sign is 2*
also used. The phonetic values, which are partly conjectured only by means of combination, are:

<p>| | | | | | | | | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>wc</td>
<td>6</td>
<td>św</td>
<td>10</td>
<td>n</td>
<td>md</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>snwy</td>
<td>7</td>
<td>sfh</td>
<td>20</td>
<td>nn</td>
<td>dwt (?)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>hmt</td>
<td>8</td>
<td>hmn</td>
<td>30</td>
<td>nnn</td>
<td>mcb3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>fdw</td>
<td>9</td>
<td>psd</td>
<td>40</td>
<td>nn</td>
<td>hmw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>dw3</td>
<td></td>
<td></td>
<td>50</td>
<td>nnn</td>
<td>dw3 (?)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

60 nnn nnn św (?) 100 e s3.t 100000 ≈ hfn
70 nnn nnn hsf (?) 200 e e s3.ty 1000000 ˘ h˘
80 nnn nnn hmnw 1000 ˘ h˘
90 nnn nnn nnn psd.tw (?) 10000 ˘ db˘

The ordinal numerals are derived from the cardinals by affixing nw. Example: hm-ntר śn.mw “the second prophet” (*5,3). But י or ד tpy “the first” (*5,3) is an exception. Fractions are indicated by prefixing י: י r-fdw “a quarter”; but י gs “a half” is an exception.

Dates usually have the form: “year (h3.t-sp) 1, month a (ybd?) 1, —season, day (śsw) 1 during (ḥr) the sovereignty of king N”. We are accustomed to number the months or to give them the names which they bore among the people, the names being derived from the feasts celebrated in them. They are:
§ 49. Pronouns.

After the twelve months the five intercalary days are inserted (𓊂𓊌𓊉𓊍 hry.w rnp.t "those above [beyond] the year"). The sign 𓊇, "month 1" is often replaced by 𓊌 tpy "first"; and the day-number 𓊇 can be omitted from the first day of the month.


Pronouns

The independent pronoun is found in two different § 49 forms: an older one which is still in use in the classical language, and a more recent one which appeared as early as the Old Kingdom. The suffixed pronoun (§ 52) has an unmistakable relationship with the older pronoun. The more recent seems to be composed of the older pronoun and a stem 𓊊 nt. Both forms are known to Semitic languages also, where, in the singular persons, now one and now the other form is used (§§ 50—51 also reflexive).
§§ 50—53. Pronouns.

### § 50. Older forms

<table>
<thead>
<tr>
<th></th>
<th>Sing.</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td><img src="wy" alt="Image" /></td>
<td><img src="wnk" alt="Image" /></td>
</tr>
<tr>
<td>thou</td>
<td><img src="tw" alt="Image" /></td>
<td><img src="ntk" alt="Image" /></td>
</tr>
<tr>
<td>fem.</td>
<td><img src="tn" alt="Image" /></td>
<td><img src="ntt" alt="Image" /></td>
</tr>
<tr>
<td>he</td>
<td><img src="sw" alt="Image" /></td>
<td><img src="ntf" alt="Image" /></td>
</tr>
<tr>
<td>she</td>
<td><img src="sy" alt="Image" /></td>
<td><img src="nts" alt="Image" /></td>
</tr>
<tr>
<td>it</td>
<td><img src="st" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>

### § 51. Younger forms

<table>
<thead>
<tr>
<th></th>
<th>Sing.</th>
<th>Plural</th>
</tr>
</thead>
<tbody>
<tr>
<td>we</td>
<td><img src="n" alt="Image" /></td>
<td><img src="ynn" alt="Image" /></td>
</tr>
<tr>
<td>you</td>
<td><img src="tn" alt="Image" /></td>
<td><img src="nttn" alt="Image" /></td>
</tr>
<tr>
<td>they</td>
<td><img src="sn" alt="Image" /></td>
<td><img src="nts" alt="Image" /></td>
</tr>
</tbody>
</table>

### § 52. Suffixes

The regular sound-change (§ 33) brought it about that from the Middle Kingdom on the sound /t/ in every case could be written instead of the symbol for /t/. In like manner the suffix /y/ “my” was often not written; it was also possible to substitute for it the symbols /g/, /h/, /h/, or /y/, if a god, king, man, or woman was the speaker. Likewise, /wy/ “I” was also written or only (*39,6). Examples: /ynk byk y3h/ “I am a useful servant” (*9,11); /s'3'y n h.t.y/ “my son of my body” (*5,4).
The above forms of the independent pronoun (pronomens § 54. absolutum) are used both for the nominative ("I") and for the accusative ("me"); the dative ("to me") is represented by the preposition n (§ 61c) with suffixes. The neuter "it" as suffix is usually expressed by means of ʃ ʃ (cf. § 39 Ab). Examples: ʃ nhjyn y tw "I bring thee up" (*5,5); ḫsy wy hm.f hr.ʃ "his majesty praises me on account of it" (*54,11); ʃ sỹyyn y wy "I satiated myself (*45,11).

Contrary to the usual order of words (§ 25), the pronoun and also the preposition n with suffix stand immediately after the verb, and hence before the subject and object. If the sentence has two pronouns dependent upon the verb, the dative precedes the accusative: d.yn.y n.k rnp.wt "I gave thee the years" (*5,9); ḫsy.n wy nb.y "my lord praised me" (*42,2); wsb.n.y. n.f ʃ.t "I answered to him it (I answered him concerning it)" (*47,8).

For the demonstrative pronoun there are many different forms, which may be used as substantives or adjectives. In general the initial consonant is characteristic: p for the masculine, t for the feminine, and n for the plural. § 57a-c contains the older forms. When used as adjectives they are all placed after the substantive. On the other hand, the more recent pronoun pə "this" (§ 57d), and the later article "the" (§ 41), are placed before the substantive.: in like manner also the more recent plural forms — connected for the most part with n — i.e. nn and nw (§ 57e). Examples: □ pr pn "this house", □ h.t tn "this castle", □ pə sṭn "this king" nn n ḫs.tsyw "these barbarians" (*31,1. 37,7).
§ 57. | a) this | b) the...here | c) that | d) the
Sing. | mas. | pn | pw | \( pf^3 \) | \( p^3 \)
fem. | tn | tw | \( tf^3 \) | \( t^3 \)

Plural
mas. | \( ypn \) | \( ypw \) | \( nf^3 \) | \( n^3 \)
fem. | \( yptn \) | \( yptw \)

e) More recent plurals (originally the neuter "this"): \( nn, \) \( nw \) “these”.

§ 58. In short sentences, \( pw \) “this” is added for emphasis, where we are unable to reproduce it as a demonstrative pronoun. In verbal sentences it has hardly any significance, in nominal sentences it is used as a predicate or an assertion (§131b). Examples: \( ynw k \) \( pw \) “I am it”, \( r n . y \) \( pw \) \( h n t \) \( n t r w \) “my name (is) at the head of the gods” (*39,2), \( t^3 \) \( pw \) \( nfr \) “it is a beautiful land” (*7,1).

§ 59. The possessive pronouns of the Indo-Germanic languages (“my” etc.) were represented originally in classic Egyptian as in the older Semitic languages by suffixes (§ 52). The Egyptian vernacular, like the later Semitic dialects, devised later on a new form of possessive article. This is composed of the article (§ 57d) and suffixes (§ 52), and became more and more usual as time went on. The irregular writing is explained in §29a. Examples: \( prf \) or \( pyf \) (originated out of \( p.f^3 \) \( pr \) “his house”.

§§ 60. 61. Particles.

Particles
Prepositions and Conjunctions

Prepositions are divided into simple and compound, § 60, according to their formation. They are sometimes combined with suffixes (§ 52), and used as conjunctions (§ 64a). Before suffixes they have occasionally a fuller writing, due to change of vocalization.

Simple prepositions (others are in the vocabulary): § 61.

\( m \), with suffix \( ym.f \) “in him”: in or a out of a place; with persons or things; as an attribute (with “to be” § 131b). With infinitive “with” § 106.

\( r \), with suffix \( yr.f \) “to him”: towards some- b thing or somebody; hostile to anyone; free from, hidden from something; more than something else (comparative § 45). With infinitive: in order to (§106).

\( n \), with suffixes \( nf “to him”\): for anyone c (cf. dative §21b); to anyone; on account of a matter. With infinitive: on account of, because.

\( hr \); upon an object; on account of a matter. With d infinitive: with, during (contemporaneous; §§ 106, 124b 125b, 132b).

\( hr \); under an object, i.e. carrying it.

\( hr \); with a person; during the reign of (§ 48).

\( yn \); on the part of a person, through someone; g used with the passive (§95—96) and to emphasize the subject (§131a), also with the infinitive (§ 107).

\( hnt \) before, at the head of.
§ 62. Compound prepositions (to be found in the vocabulary under their chief constituent parts) consist mostly of a simple preposition and a substantive. The meaning of these phrases has gradually worn away. For example, compounds are made:

a  With m "in":  
("on the phallus of") "before" (*23,10. *29,9. *14,6);  
m-h₂₃.t ("at the head of") "before";  
§3-c-m "since" *18,3;  
m-c "by" *54,5.

b  With n "for":  
"out of love for") "on account of": n mrw.t.k "on account of thee" *12,7 (as conjunction: §64a).

c  With r "to":  
"at the side of") "near";

hrw-r ("distant from") "outside"; nfr.y-t-r "until"; "to" *18,4.

§ 63. Gentilic forms (cf. § 42b), the meaning of which often developed independently, were derived from the simple as well as the compound prepositions by using the suffix y. Examples:  
ym.y "he who is in or on something" from m;  
yr.y "he who belongs to someone, the companion" from r;  
hr.y "he who is upon something, the chief" from hr;  
hry-yb "dwelling in" from  
hry-yb "in the midst of".

b  Gentilics are treated like adjectives or substantives, and take suffixes. Examples:  
ym.y-yb n mfr nfr "darling (he who is in the heart) of the king" (*7,10);  
hr.y-yb
§ 64. PARTICLES.

ṣbdw, hnty ymn-tyw “inhabitant of Abydos and director of the westerners” (*8,6-7); ymy.t ybk “she dwells in thy heart” (*50,3); ymy.w yw.w “inhabitant of the island” (*13,8).

As conjunctions, use is made of either prepositions § 64. (a) and other particles, which stand at the beginning of the sentence (b); or particles which are inserted as the second word in a sentence, and called enclitic conjunctions, because they were perhaps occasionally unaccented (c). In some sentences (§ 135, 138), there is, after the conjunctions, a verbal form corresponding to our “conjunctive” (§ 93). Among conjunctions, the following are especially frequent (others are in the vocabulary):

I yr “if”; ™ m-ḥt “after”; ℳ n-mrwt “so that”. Examples: n-mrwt mn rny “that my name may endure” (*10,5), n-c3.t-n mrr.y ṣw “because I love him” (*10,4), m-ḥt ḥḏm.f ṣ.t “after he had heard it” (*30,10), rnty t k3š wṣty “so that Nubia was inclined” (*30,8).

— — — yṣṭ “since”, “when”; ™ hr b “since”, “now”, “but”. Examples: ṣt gmn hm.y “when my majesty had found him” (*25,5), ḫt ptr yr.n.y ᵇḏm “but then I heard” (*51,9).

 назначен свт “but”; סג yṣ “how”, “yes”, “surely”; ℳ c grt “but”, “however”, “further”; ☷ gr “also”, “likewise”, “but”. Example: yr grt ṟḥ rḥ ṣn “but whoever knows this charm” (*56,9).
§ 65. For adverbs, use is made either of invariable derivatives of substantives and adjectives (§ 66); or of particles which are connected with prepositions (§ 67). The particles usually stand at the beginning; in interrogative sentences (§ 137) also at the end of the sentence. Some are combined with suffixes (§ 69).

§ 66. The adverb derived from a noun is:

a  apparently similar to it (the noun); occasionally with the ending w or t:  

well”, 

Examples: *w yb.k my Rc d.t “thy heart is glad as (that of) Re eternally” (*5,11), *w3š.y wr.t “quite decayed” (*25,6; cf. *16,8), *hc.y.k nfr “thou shinest beautifully” (*55,1).

b  is connected with a preposition, especially r:

is “in excellent manner”;  

r yh.t nb.t “above all” (*54,11), r-my ty.t “in like manner” (*26,6).

§ 67. To the adverbs, which are derived from prepositions, belong:

a  ym “there”, “yonder”;  

“earlier”. Example:  

byk ym “the servant here=I”.  

b  m-b3h and  

hr-h3.t “before”, “formerly”.

§ 68. Some adverbial particles stand in the second place in a sentence, e. g. *wy “how”, “pray”. Examples:
§§ 69. 70. PARTICLES.

ndm wy ym3.t.k "how beautiful is thy goodness" (*12,10), 
yy wy "come! welcome!" (*39,9).

Some particles which can only be rendered by an § 69.
adverb are combined with suffixes; their adaptability to
different persons, however, has almost entirely disappeared,
so that the particles were soon used unchangeably with
one definite suffix. Some noteworthy ones are:

\[ m \] "behold", later unchangeable \[ m.k a \]
"behold (thou)", at the beginning of the sentence, often
immediately before the subject.

\[ yr \] "but", "now", "namely", later unchan-
geable \[ yr.f \] as second word in a sentence:

\[ hd.n yr.f t3 w3 \] "when the earth became bright in the
morning" (*18,8).—\[ yr, yr.f \] are used for emphasis after
the imperative (§102), and in Interrogative sentences
(§ 137).

The most frequently used interjections are:

\[ y \] and \[ h3 \] "O!", "Ha!". They often stand \[ a \]
before a proper noun, which is then preferably followed
by \[ pn \] "this": \[ y cnkh.w \] "O ye living!" (*21,5), \[ h3 Ppy pn \] "O thou king Pepi!".

In the Nominative of address, substantives often have \[ b \]
the article: \[ p3 y.t-ntr \] "O thou father of god" (*49,11),
\[ p3 ytn \] "O thou Aton!" (*55,2).

Some interjections have suffixes, e.g. \[ ynd-hr.k \] "Hail, c
thou!" (*27,10. *31,8).
§ 71. Verbs may be divided into the following groups according to the number and kind of the consonants of their root:

a) *Regular verbs.* These have two, three, four, or five “strong” consonants; the most frequent are those of three consonants. Examples: ṃn “to remain”, šdm “to hear”, wsṭṭ “to invade”, nhmḥm “to roar”.

§ 72. b) *Weak verbs.* These have three, four, or five consonants, of which the last is a weak one (y or w cf. § 16). Although the weak consonant was usually not written, it nevertheless influenced the formation of individual forms. It manifests itself especially in the feminine infinitive (§ 104), as well as in the possibility of doubling in the tense šdām.f (§ 91) and in the participles (§ 113). Examples: ṁḥy “to give birth to”, ḫnty “to sail up stream”.

§ 73. c) *Duplicating verbs.* These have three, four, or five consonants, of which the last two are alike. Often only one of these two consonants is written, from which it may be concluded that a double consonant was pronounced. Both consonants were written (evidently because a vowel was pronounced between them), not only as in the case of weak verbs in the accented form of tense šdām.f (§ 91), and in the participles (§ 113), but also in other forms of the suffix conjugation, as well as in
the qualitative (§ 80), in the infinitive (§ 104), in the imperative (§ 100), etc. The infinitive, contrary to the weak verbs, is always masculine (§ 104). Examples: m33 "to see", spdd "to prepare".

d) Irregular verbs. Some verbs appear written irregularly and occasionally differ from the forms of other verbs. Note:

1) Two verbs for "to give": rdy and § 74.

\[ \Delta, \quad \Delta, \quad \Delta dy; \] both are weak verbs with feminine infinitive. The old language preserves almost all forms of both verbs; gradually rdy died out and was replaced by dy. The duplicating forms (§91) of dy were written • • or • •, and read dyy.

2) Two verbs for "to come": yy(y?y?) and § 75.

\[ \Delta \Delta, \quad \Delta \Delta \] yw(t); both are weak verbs and have a feminine infinitive. The older verb yw(t), which is used especially in dependent clauses, was gradually replaced by yy.

Among the numerous changes ("modifications, conjugations") of the root in Semitic languages, the following are frequent in Egyptian: the causative (§ 78) is formed by prefixing \( \Delta \) s (Semitic s or \( \Delta \)). The Picel formations with doubled middle consonant, which in Coptic have still to a certain extent an unusual vocalization, are not to be discerned in hieroglyphics; but yet, on account of the diversity of meaning in some verbs, they are to be
conjectured (e. g. \( \overline{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{
THE CONDITIONAL

(Called qualitative or pseudo-participle)

The endings (§ 81) are attached to the root; the y § 80. and w occurring in them are often not written. In weak verbs (§ 72) the final weak root consonant y or w is usually not written. In duplicating verbs (§ 73) in earlier times the last consonant was occasionally doubled; later, however, this was hardly ever the case.

The endings of the conditional form (in parenthesis § 81. are the later ones—that is, the forms developed by phonetic changes): the dual and the third plural died out early; they were replaced by the third masculine singular.

Sing.

1  kwy (later k)  
2 m.  
   f.  ty (later t)  
3 f.  
3 m.  y or w (later disappeared)  

Plural

1  wyn (later n)  
2  tywny (later t)  
3 m.  w  
   f.  ty  

Dual

3 m.  wy  
   f.  tyw
§ 82. Condition. § 83. Suffix Conjugation.

22. A transitive-active kind of conditional form, which was already rare in the older language, is found later, though only with $r$ "to understand", "to know", "to be able"; otherwise it always had an intransitive-passive meaning and indicated a conditional ("qualitative"). If it stands independently, as it also did (though rarely) in ancient times, it usually introduces the fulfilled condition of a previously mentioned action (apodosis). Usually it introduces a conditional sentence, which is subordinate to another sentence. Then it is often dependent on a verb which is in the tense of the suffix conjugation (§ 83), and thus resembles a participle ("pseudo-participle"). Cf. §§ 124a, 125a, 132a.

Examples: $yy.ty n.y hcty$ "thou comest to me while thou rejoicest" (*12,5), $ywç.kwy m nb$ "I was rewarded with the gold" (*26,4), $wɔh.f wy wδɔkwy$ "he laid me down when I was healed" (*47,5).

THE SUFFIX CONJUGATION

23. The most frequent tenses (tempora) are formed by the addition of the suffixes (§ 52), either directly to the stem (šdm.f tense) or after the insertion of syllables ($n$, $yn$, $hr$, $k$), which are derived from particles (§ 84). From all these forms a passive (§ 95) can be built by the further insertion of the syllable $tw$; another form is the more comprehensive passive šdm.wf (§ 96). Further, from the tenses šdm.f and šdm.n.f substantial forms introducing relative sentences (§ 118) are built.
The tenses of the regular verb: The translations merely § 84. define in a practical way, and by no means exhaust the meaning of individual forms.

<table>
<thead>
<tr>
<th>Active</th>
<th>Passive</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\text{sd}m.f$ he hears</td>
<td>$\text{sd}m.tw.f$ he is heard</td>
</tr>
<tr>
<td>$\text{sd}m.n.f$ he has heard</td>
<td>$\text{sd}m.n.tw.f$ he has been heard</td>
</tr>
<tr>
<td>$\text{sd}m.yn.f$ then he heard</td>
<td>$\text{sd}m.yn.tw.f$ then he has been heard</td>
</tr>
<tr>
<td>$\text{sd}m.hr.f$ he shall hear</td>
<td>$\text{sd}m.hr.tw.f$ he shall be heard</td>
</tr>
<tr>
<td>$\text{sd}m.k3.f$ thus he hears</td>
<td>$\text{sd}m.k3.tw.f$ thus he is heard</td>
</tr>
</tbody>
</table>

Passive $\text{sd}m.w.f$ (of $\text{sd}m.f$ and $\text{sd}m.n.f$): “he is heard” and “he has been heard” (§ 96).

The inflection of tenses: If the subject is a noun, § 85. it comes immediately after the root of the verb; e.g. $mn\ rd.y$ “my name prospers” (*10,5), $\text{sw}\ ybl$ “may thy heart be glad” (*5,11). $\text{yr.n}\ hm.y\ nn$ “my majesty did these things” (*10,3).

If the subject is a pronoun, it is added in the form § 86. of a suffix (§ 52) to the root of the verb; the tense $\text{sd}m.f$ “he hears” is perhaps built on the form of a noun.
§§ 87—91. Suffix Conjugation.

("his hearing"). According to the Coptic the pronunciation was something like \textit{śēdmōf}.

§ 87. Almost all tenses can also be impersonally used in the active and passive. Their appearance is then the same as before the nominal subject: \textit{yy.tw} “one came” (*30,7), \textit{yr.n.tw} “it shall be done” (*36,2), \textit{rdy.tw m-hr-n tšty} “it was imposed upon the vizier (*52,4).

§ 88. The tense \textit{śdm.f} occurs in both independent and dependent sentences, for the past as well as for the present. It is used in assertions, questions, and direct and indirect speech, as well as in requests, and especially after verbs of causing, seeing, finding, etc., to express a condition, purpose, or result. Examples: \textit{wn n.k p.t} “the heaven is open for thee” (*6,1), \textit{nhr.n y r bw hr hm.f} “I grew up at the residence of the king” (*10,2), \textit{dy.y mš.sn hm.k} “I charge that they see thy majesty” (*13,6), \textit{dy.sn pr.t-r-hrw} “may they (the gods) give a funerary offering” (*8,8; 22,4).

§ 89. The tense \textit{śdm.n.f} indicates the past, and is used in a manner similar to \textit{śdm.f}. It often appears independently in historical narrative, besides like a pluperfect dependent upon \textit{m-ht} “after (he had heard)”. Example: \textit{śmš.n.y ntr nfr} “I have served the king (*9,10).

§ 90. In the same way the tense \textit{śdm.yn.f} often appears in the historical narrative; while \textit{śdm.kš.f} usually appears in the conclusion of conditional sentences. Both \textit{śdm.yn.f} and \textit{śdm.kš.f} as well as \textit{śdm.hr.f} often express also a command. Example: \textit{ḥc.yn hm.f} “his majesty appeared” (*30,9).

§ 91. The weak and duplicating verbs (§ 72,73) show in the tense \textit{śdm.f} two different moods (manner of speech),
which in the strong verbs we cannot satisfactorily ascertain, probably owing to our ignorance of vocalization.

The two moods are

<table>
<thead>
<tr>
<th>Usual Form</th>
<th>Emphatic Form</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>šdm.f</em> he</td>
<td><em>šdm.f</em> may he</td>
</tr>
<tr>
<td>hears</td>
<td>hear</td>
</tr>
<tr>
<td><em>w.n.f</em> he is</td>
<td><em>unn.f</em> may</td>
</tr>
<tr>
<td>he be</td>
<td>he be</td>
</tr>
<tr>
<td><em>mry.f</em> he loves</td>
<td><em>mrr.f</em> may</td>
</tr>
<tr>
<td>he love</td>
<td></td>
</tr>
<tr>
<td><em>mšd.f</em> he hates</td>
<td><em>mšdd.f</em> if he hates</td>
</tr>
</tbody>
</table>

The emphatic form is often used independently, and § 93 dependently (but not regularly) where special stress is laid on the verb; thus in sentences of wish, condition, question, precept, threat, consequence, etc., whether they are introduced by a conjunction or not. It is also used in sentences of temporal subordination and in emphatic phrases. The emphatic is to be translated sometimes like a conjunctive; but usually, however, not differently from the simple form of the verb.

The emphatic (doubled) form is frequent only in the § 94 active *šdm.f*. It is also found, however, in the passive, *šdm.tw.f*. In the other tenses of the suffix conjugation it is not found at all. Examples: *n-C3.t-n mrr.y św* “because I certainly love him” (*10,4), *mrr.tn* “if you
wish" (*21,9), "I hid myself for fear, m33 wršy.t the guard should see (me)" (*43,6), "he who desires hss šw lnty ymn.tyw that the First of the Westerners praise him" (*21,1).

§ 95. In the passive of the suffix conjugation, the following differences occur:

a) The passives, which according to the table in § 84 form almost every tense by means of -tw, are closely related, even in meaning, to the active, from which they are derived; ġš.tw wr.w m-bšh "the great ones were called before (his majesty)" (51,5), drp.twf "may he be presented with offerings" (23,8), ymn.tw ḫr "Horus was found" (*33,11).

§ 96. b) The passive šdm.wf (Table § 84 end) has the ending w in the singular, and y in the plural; neither of them are ordinarily written. The duplicating verbs show the doubling; the weak verbs often do not have the last weak consonant and the ending w written. Examples: n sp yry.w myty.t "never was the like done" (*16,10), rdy.w nʃ y3w.t "the office was given to him" (*34,1 between šdm.nf forms).

PREDICATIVE

§ 97. An old form, whose use is confined to a few definite cases, is still seen in the so-called predicative. It has the ending w which is often not written; before this the duplicating verbs show the doubling, and the weak verbs usually do not write the last weak consonant y. The predicative is unchangeable, without regard to the gender, number, and person of its subject; and it does

not take a suffix. It is, therefore, followed either by a substantive or an independent pronoun.

The predicative is used only in negative sentences after § 98. The verbs \( \overline{\text{tm}} \) and \( \overline{\text{ymy}} \) "not to be", and usually has an active meaning: \( \overline{\text{rt}} \overline{\text{n tm wnm N}} \) "charm for the not-to-be-eaten of N=charm that N be not eaten" (*56,8), \( \overline{\text{tm rdy hr gs}} \) "who does not bend (the right) to the side" (*11,3). Cf. the prohibition § 103.

**IMPERATIVE**

The imperative has a singular and a plural; a difference § 99. in gender is not distinguishable in hieroglyphics, but according to the Coptic it is assumed in vocalization. The singular shows the simple root of the verb; in the duplicating verbs it has the doubling. The plural has the ending \( \overline{\text{y}} \) (later also \( \overline{\text{w}} \)), which is often not written out, and which in the weak verbs merges in the last weak consonant. Usually the plural-strokes are added to the determinative.

<table>
<thead>
<tr>
<th>Singular</th>
<th>Plural</th>
<th>§ 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \overline{\text{sm}} ) hear!</td>
<td>( \overline{\text{sdmy}} ) hear!</td>
<td></td>
</tr>
<tr>
<td>( \overline{\text{m33}} ) see!</td>
<td>( \overline{\text{d3y-y}} ) cross over!</td>
<td></td>
</tr>
</tbody>
</table>

Examples: \( \overline{\text{ts tw}} \) "lift up thyself" (*29,4), \( \overline{\text{yry hrw nfr}} \) "make (celebrate) a beautiful day!" (*49,11. 50,9).

The following verbs have an irregular imperative: § 101.

Verbs of giving (§74): \( \overline{\text{ymy kef s fd.k}} \) "place ointment on thy nose!" (*50,1),
b Verbs of coming (§ 75): mywy “come!”;

mywy “come ye!”.

§ 102. To strengthen the imperative, an independent pronoun is often added: also the particle yr (§ 69b), or the preposition n (§ 61b), both with suffixes: chc yr.k “stand up, thou!” (*38,4), ssp n.k ltp-nfr “take to thyself the divine offering!”

§ 103. The negative of the imperative (the prohibition) is expressed by the imperative ymy “be not” with a following predicate (§ 98): ymy snd “fear not!” (*48,7).

INFINITIVE

§ 104. The infinitive is sometimes treated as a verb, sometimes as a substantive. In strong verbs, its form is that of the simple root; in the duplicating verbs, it doubles the last consonant; the weak verbs and the causative of two consonant verbs (§ 78) take the feminine ending t as suffix. Table for the formation of the infinitive:

<table>
<thead>
<tr>
<th>Verb</th>
<th>Infinitive</th>
</tr>
</thead>
<tbody>
<tr>
<td>mn</td>
<td>smn.t to establish</td>
</tr>
<tr>
<td>m33</td>
<td>to see</td>
</tr>
<tr>
<td>sdm</td>
<td>to hear</td>
</tr>
<tr>
<td>shsh</td>
<td>to hasten</td>
</tr>
<tr>
<td>to</td>
<td>birth to</td>
</tr>
<tr>
<td>hnty.t</td>
<td>to sail up</td>
</tr>
<tr>
<td>t</td>
<td>the river</td>
</tr>
</tbody>
</table>
The infinitive stands like a substantive, and is often §105. not distinguishable from a real substantive (in *12,8 it is even written as a plural):

a) In independent sentences as subject, object, predicate, in the genitive, etc. Examples: "O ye living ones, mrr.yw cnh mšdd.w hpt.t who love life and hate death" (*36,4), sp n hḥdḥd "the time (example) of attack" (*37,6), dy.y n.k kny.t "I give to thee to be strong (strength)" (*13,1). "thy heart will be glad n m3j on account of the sight" (*56,4).

b) In sentences dependent upon verbs (especially §106. commands, cause etc.) and prepositions such as ☞ r "in order to", m and hr "with", "during" (simultaneousness, cf. §61). Examples: Osiris dy.f "may he give" —yr.t—škm—pr.t "to do, to be powerful, to go out" (*23,2—4). "I have brought thee up, r ḫk3 pd.t psd to rule the nine bow-people" (*16,2). "Darling of the king m š.mnh mnw.f through the beautifying of his monuments" (*27,2), ḥwt hr sby.t "bodies pass away" (49,6).

The logical subject follows the infinitive either in the §107. genitive with n (§ 21c) or is introduced by the preposition ↓ yn "on the part of" (§ 61g). Example: dw3 wšyr yn N. "worship of Osiris by N." (*27,1. *31,6).

If the object is a substantive it follows immediately §108. after the infinitive, if it is a pronoun it is added to the infinitive as a suffix. Examples: "thou rejoicest m3j nfrw.y to see my beauty—the sight of my beauty (*12,5), dw3.f "to adore him" (*32,3).

An infinitive, independent and without the statement §109. of a subject, often occurs in successive sentences, where
we should expect a verb. Example: yr.t n.f šb3 “and he made a door for him” (*11,10. *12,3; likewise šchc *16,6).

§110. The infinitive can be added to a verb of the same root as itself, as a complementary infinitive, for the purpose of strengthening. In such a case it has in general the usual form, although in three-consonant verbs it is feminine. Examples: šdm šdm.t wc “who alone may listen” (*11,2), hnn.sn hn.t “if they row zealously” (*56,4).

§111. Closely related to the infinitive is a circumstantial form šdm.t.f which looks like a feminine infinitive. In it the root of the duplicating verbs shows no doubling, and the weak consonants of the weak verbs are often not written. To express the subject it is combined either with a substantive which immediately follows the circumstantial form like a genitive, or with the pronominal suffix. The object, if it is a pronoun, follows the circumstantial form in the independent forms; in this it differs from the infinitive, which takes the suffix. At the beginning of a sentence or paragraph, the circumstantial form occasionally stands independently like a verb; often it comes after prepositions; often it indicates a temporal subordination. Example: rdy.t.y wš.t n rdy.w.y “I gave my feet the way = ran on” (*43,5), dr hpr.t mny “since the death” (*39,10).

PARTICIPLES

§112. Participles are divided on the one hand into active and passive, on the other hand into complete (perfect) and incomplete (imperfect) action. In all participles,
the root of the duplicating verbs can show the doubling; the root of the weak verbs shows it only in the imperfect participles. Table:

<table>
<thead>
<tr>
<th>Active</th>
<th>Passive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perf.</td>
<td>b) Passive</td>
</tr>
<tr>
<td>śdm he who has</td>
<td>śdm.y heard</td>
</tr>
<tr>
<td>heard</td>
<td></td>
</tr>
<tr>
<td>wnn he who has</td>
<td></td>
</tr>
<tr>
<td>been</td>
<td></td>
</tr>
<tr>
<td>pry having</td>
<td>hsy.y praised</td>
</tr>
<tr>
<td>come out</td>
<td></td>
</tr>
<tr>
<td>dd.w saying</td>
<td>ġh3.w who is</td>
</tr>
<tr>
<td>m33.w seeing</td>
<td>remembered</td>
</tr>
<tr>
<td>mrr.w loving</td>
<td>dyy.w who is</td>
</tr>
<tr>
<td></td>
<td>given</td>
</tr>
</tbody>
</table>

The endings of the participles, as shown in the table, §114. are, in the perfect: active —, passive y; in the imperfect: active w, passive w. In number and gender, the participles are like the noun; they take, therefore, in the feminine singular the ending t, in the plural, the plural-strokes and the ending w, feminine wt, although the w is not generally written.

Examples: mk km.t, wcf ġh3.s.wt "who protects Egypt and subdues the foreigners" (*14,1, cf. *6,5), mrr.w "he who desires, that—" (*21,1), "his father rnn šw who brought him up" (*25,9), mḥ-yb "he who fills the heart = darling" (*10,1), hsy.y "the praised" (*14,9), ġ3w.w "he who is honoured" (*32,1).
§ 115. The logical subject of passive participles is introduced either directly, or by n: mry Rc, mś n Dwty “beloved of Re, created by Thot” (*15,7). In genealogies: yry n “begotten by (chiefly of the father)” and mśy n “born of (mother)” (*21,4. *24,3).

§ 116. A rare participle with future meaning is found in the so-called verbal adjective: šdm.tyfy “he who will hear”; in such a case the root of a duplicating verb shows the doubling, and the weak consonant of a weak verb is seldom written. Endings:

Sing. m. tyfy fem. týsy
Plur. m. tywön fem. tywšt

Examples: šnb.tyfy “he who will be well” (as proper noun: *15,3), “he who desires, dd.tyfy shall say” (*21,2), “each living one, swz.tyfy who will pass by” (*21,8).

§ 117. Another rare participle (şdm.n “audible” indicates possibility. It occurs in only one form, which can take both the feminine and the plural ending (as § 114).

THE RELATIVE FORMS

§ 118. From the tenses šdm.f and šdm.n.f of the suffix conjugation, substantival relative forms are derived, which take the masculine ending w (usually not written) or the feminine t, according as they refer to a masculine or feminine substantive. The verb root has in the form šdm.w.f the same appearance as in the accented form of the šdm.f (§ 92); hence the weak and the dupli-
cating verbs have the doubling of the last strong con-
sonants. Table of the relative forms:

<table>
<thead>
<tr>
<th>Masculine:</th>
<th>Feminine:</th>
</tr>
</thead>
<tbody>
<tr>
<td>śdm.w.f</td>
<td>śdm.t.f she whom</td>
</tr>
<tr>
<td>he whom he</td>
<td>he hears, (that</td>
</tr>
<tr>
<td>hears</td>
<td>which he hears)</td>
</tr>
<tr>
<td>śdm.w.n.f</td>
<td>śdm.t.n.f she</td>
</tr>
<tr>
<td>he whom he</td>
<td>he has heard, (that</td>
</tr>
<tr>
<td>has heard</td>
<td>which he has heard)</td>
</tr>
</tbody>
</table>

The relative forms, which in use are with difficulty § 120. differen-
tiated from participles, are often used substantively. They can then be used with an adjective, espe-
cially "nb "all". They usually introduce a relative sentence, e.g. in the enumeration of epithets. Examples: 
dyy.t p.t, km3.t t3, ymn.t ḫḥpy "that which heaven gives, the earth creates, and the Nile brings" (*22,6), nn 
yry.w.n.k n.y "this which thou hast done to me" (*24,10), 
šnn.t ytn "that around which the sun revolves" (*24,5).

PERIPHRASTIC TENSES

The verb-forms are strengthened by many combinations § 121. with auxiliary verbs; in the vernacular (§ 8c) these combinations, mostly with "to be" and "to make", gra-
dually supplanted the simple verbforms of the older classical language.

The auxiliary verb "to be".

Some of the most frequent verb forms are strengthened § 122.
§ 115. The logical subject of passive participles is introduced either directly, or by n: mry Rc, ms n Dhwty “beloved of Re, created by Thot” (*15,7). In genealogies: yr y n “begotten by (chiefly of the father)” and ms y n “born of (mother)” (*21,4. *24,3).

§ 116. A rare participle with future meaning is found in the so-called verbal adjective: šdm.tyfy “he who will hear”; in such a case the root of a duplicating verb shows the doubling, and the weak consonant of a weak verb is seldom written. Endings:

Sing. m.  tyfy
fem.  tyšy

Plur. m.  tywšn
fem.  tywšt

Examples: šnb.tyfy “he who will be well” (as proper noun: *15,3), “he who desires, dd.tyfy shall say” (*21,2), “each living one, šwšt.tyfy who will pass by” (*21,8).

§ 117. Another rare participle (šešš šdm.n “audible” indicates possibility. It occurs in only one form, which can take both the feminine and the plural ending (as § 114).

THE RELATIVE FORMS

§ 118. From the tenses šdm.f and šdm.n.f of the suffix conjugation, substantival relative forms are derived, which take the masculine ending w (usually not written) or the feminine t, according as they refer to a masculine or feminine substantive. The verb root has in the form šdm.w.f the same appearance as in the accented form of the šdm.f (§ 92); hence the weak and the dupli-
cating verbs have the doubling of the last strong con-
sonants. Table of the relative forms:

**Masculine:**

- $\text{šdm.w.f}$
  - he whom he hears

- $\text{šdm.w.n.f}$
  - he whom he has heard

**Feminine:**

- $\text{šdm.t.f}$ she whom he hears, (that which he hears)

- $\text{šdm.t.n.f}$ she whom he has heard, (that which he has heard)

The relative forms, which in use are with difficulty § 120.
differentiated from participles, are often used substan-
tively. They can then be used with an adjective, espe-
cially $\mu b$ "all". They usually introduce a relative
sentence, e. g. in the enumeration of epithets. Examples:
$\text{dyy.t p.t, km3.t t3, ynn.t hepy}$ "that which heaven gives,
the earth creates, and the Nile brings" (*22,6), $\text{nn}
\text{yry.w.n.k n.y}$ "this which thou hast done to me" (*24,10),
$\text{šnn.t ytn}$ "that around which the sun revolves" (*24,5).

**PERIPHRASTIC TENSES**

The verb-forms are strengthened by many combinations § 121.
with auxiliary verbs; in the vernacular (§ 8c) these
combinations, mostly with "to be" and "to make", gra-
dually supplanted the simple verbforms of the older
classical language.

**The auxiliary verb "to be".**

Some of the most frequent verb forms are strengthened § 122.
or paraphrased by prefixing the auxiliary 𓊶 yw and 𓊲 wn “to be”. For the forms of the suffix conjugation (§ 83) two possibilities present themselves:

a  When the subject occurs once:

\[
\begin{align*}
yw 𓊶 sdm.f & \quad \text{he hears} \\
wn 𓊶 sdm.f & \quad \text{he hears} \\
yw 𓊶 sdm.n.f & \quad \text{he has heard} \\
wn 𓊶 sdm.n.f & \quad \text{he has heard} \\
\text{sdm.f then he heard}\n\end{align*}
\]

b  When the subject occurs twice:

\[
\begin{align*}
yw.f 𓊶 sdm.f & \quad \text{he hears} \\
wn.f & \quad \text{he hears} \\
\text{sdm.f then he heard}\n\end{align*}
\]

§ 123. The verbs yw and wn “to be” can also be used before a genuine nominal sentence (§ 27). yw 𓊶 b.wy.s m 𓊱 d3d3.k “her horns are on thy head” (*38,8).

§ 124. In like manner those sentences which are not genuine nominal sentences (§ 132) can be introduced by yw or wn:

a  With the qualitative (§ 80): yw 𓊶 t5 mdw “the chicken is speaking — chirps” (*55,7).
With hr and the infinitive (§ 106): yw bw-nb hr dw,j b nfrwj "everyone praised his beauty" (*35,2; cf. *30,11-*31,1).

If the subject of these unreal nominal sentences is a § 125. pronoun, the following combinations present themselves, which are used very often in the vernacular of the New Kingdom (§ 8c) and which still continue in the Coptic:

With the qualitative: ḫm ywjr šdm.w a "he is hearing", yw.k ubn.ty "thou risest" (*55,3).

With hr and the infinitive: ḫm ywjr hr b šdm "he is hearing", wn.yn.sn hr bh,j "then were they by fleeing — then they fled headlong" (*37,9).

The future tense and the future command are ren- § 126. dered by the preposition ← r with the infinitive (§ 106); a this occurs after the auxiliary verb ḫm yw "to be":

ywtn r drp n.y "ye shall sacrifice to me" (*36,7), yw dp.t r yy.t "a ship will come" (*48,8).

In an unreal nominal sentence (§ 132): yb n hm.k r b kbb "the heart of thy majesty will be glad" (*56,3).

The auxiliary verb ḫm chc "to stand" is placed § 127. before a verb in order to reproduce the accentuation in historical narration. It appears usually as the tense šdm.nf ḫm chc.n, more seldom as šdm.f: ḫm chc.

With forms of the suffix conjugation: chc.n thn.n hm.f a hnc.sn "then his majesty came into conflict with them" (*37,5).
§ 128. The auxiliary verb ε yry “to do” is used, in forms of the suffix conjugation, to paraphrase the respective forms of other verbs:

a. First of all with compound verbs: yry.έ δυ-chnh “may she be presented with life” (*12,4. *11,11).

b. Then also with others: yry.y sm.t “I did the going = I went” (*43,8), yry.ny sdm “I learned” (*51,9); yr.k chn.ty “mayest thou live” (*39,4).

§ 129. For historical narrative, especially with verbs of going, the combination of an infinitive with pw “this” and yry.n.f “he did” is used: ἔ γα τοί μὴ τὸ νῦν ἐγνώκα ye γα τοί ἐστὶν ἄρα ἐγνώκα sm.t pw yry.n.f “to go was that which he did = he went”.

§ 130. The auxiliary verb ἐ τὸ p3 “to have been”, “to have had”, in different verb forms is constructed, especially in negative sentences, with the infinitive of a verb, in order to denote a condition or an action which occurred in the past: n ἐ p3.tw yr.t myty.t “never was the like done” (*54,7).

Syntax

ORDER OF WORDS AND EMPHASIS IN PRINCIPAL SENTENCES

§ 131. The regular word-order in verbal and nominal sentences has already been discussed (§ 25-27). The word-order becomes irregular by emphasizing a word. The emphasized word is usually found at the beginning of a sentence and is introduced by the preposition ἐ τὸ ym
or \( \text{yn hmf rd} \text{yf} \) "his majesty it was who gave"

"but whoever knows this charm" (*56,9).

In nominal sentences, which as a rule begin with the \( b \) subject, the verb "to be" is to be understood (§ 27) between the subject and the predicate. Often the pronoun \( pw \) "this" (§ 57b, § 58) is inserted there. The predicate may be introduced by \( m \) "as": \( \text{yb.y m snw.y} \) "my heart (was) my companion" (*45,5); \( t\text{3 nb m ksj.w} \) "Every land was bowed" (*19,2).

The word-order, subject—predicate, of the nominal § 182. sentence (§ 27) is also transferred to sentences with verb-forms (unreal nominal sentences). In such the verb stands:

In the qualitative, especially with transitive verbs, to \( a \) indicate a condition: \( \text{yb.w ndm} \) "hearts were glad" (*34,11), \( \text{d3d3.t hr.ty} \) "the council (of gods) was satisfied" (*35,11), \( \text{st ChC.w h3 ldš} \) "they are stationed behind Kadesh" (52,3).

In the infinitive with \( hr \), especially with transitive \( b \) verbs, to indicate the beginning of a condition. Examples: \( \text{rhy.t hr hy hnw} \) "mankind began to rejoice and shout" (*31,2), \( \text{psd.t hr dw3f} \) "the nine-fold (gods) praised him", (*32,3).

These sentences can be introduced by an auxiliary \( c \) verb "to be" (§ 124).

The omission of words is frequent in all kinds of § 183. sentences, especially in comparisons. Often the subject or object is omitted, especially when it is a pronoun; and likewise when the discourse is about the king. Cf.
also the impersonal use of the verbal forms (§ 87) and of the infinitive (§ 109). Examples: 3w yb.k my RC “thy heart be glad like (that of) Re” (*5,11), yry.n.f m mnw.f “he made (it) as his monument” (*6,8. *11,9. *12,2), yry n.f N “N makes (it) for him” (*6,11. *16,11). Cš.tw ur.w m-b3h “the princes were called into the presence of (his majesty)” (*51,5); mnš.f hr yb “he was pleasant to the heart (of the king)” (*27,7).

SPECIAL KINDS OF SENTENCES

Temporal sentences.

§ 184. The dependent temporal sentences are sometimes placed before, sometimes after the principal sentence. Usually they have no conjunction, so that the condition of dependence is shown only by the context and verb-forms. Occasionally they are introduced by m-hṯ “afterwards” (*30,10), tp-c “before” (*44,10), dr “since” (39,10) &c.

Examples: yw wp.n.f—, yw.y hr h.t.y “he opened—, (while) I was on my belly” (*46,10-11), dc pr, yw.n m w3d-wr “a storm arose, (as) we were on the sea” (*44,9. (*48,3), ḫn t3, ph.n.y “when the earth had become light I arrived” (*43,9), hš sFr hm.f r nhrn “when his majesty came to Naharin (Mesopotamia)” (*40,4).

Conditional sentences.

§ 185. The conditional sentences can be introduced by yr “if”; often, however, there is no conjunction. The verb is usually found in a form of the suffix conjugation;
with the tense śdm.f often in the accented form (§ 91): htp.k “when thou settest, the earth (is) in darkness” (*55,5—6), mrr.tn———, my śd.tn “if ye desire———, then read!” (*21,9—22,1).

Final sentences &c.

Our conjunctions “that”, “in order to”, “so that”, § 106. “until” are for the most part not reproduced; the verb usually stands in the śdm.f tense. Occasionally ○ r (also r-ādd *51,4; r-nty.t *30,8) introduces such sentences, Indirect interrogative sentences are introduced without a conjunction; the nuance of purpose and final sentences is often not perceptible. Cf. r with the infinitive “in order to” (§ 106); tense śdm.f (§ 88).

Examples: “Remember joy, r yy.t hrw pf3 n mny till that day of death cometh” (*50,6), dy.y m3 sn “I cause that they see” (*13,6. 10), “he said, chs.f hnc.y that he (would) fight (with me)” (*42,7), “he wished, ywy m yry rd.wy.f that I would be his guide (companion of his feet)” (*40,2).

Interrogative sentences.

In interrogative sentences are found the forms of the § 107. suffix conjugation; they are usually introduced by a particle which the enclitic 𓊌 𓊌 (y)rf (§ 69b) often follows. Such interrogative words, coming at the beginning or end of the sentence, are: 𓊌 m, accented: 𓊌 ym-m, (to ym: § 131) “who?”, “what?”, 𓊌 yḥ “what?”. General particles used to introduce
§ 138—141. Special kinds of sentences.

questions are:  yn yw as first word;  trw, try as second word. Example  yn-m yn tw “Who brought thee?” (*47,2.7).

Negative sentences (§ 28b).

§ 188. Principal sentences are negated by the older particle n or the younger nn “not”, which always stands first in the sentence. The verb is found in the forms of the suffix conjugation; and with the tense ñdm.f after nn in the accented form (§ 91). n rh km.f “his majesty knew not” (*51,4), nn sp wC “not one remained” (*45,1). Likewise in the relative sentence (§ 141c).

§ 189. Dependent sentences are negated by means of the auxiliary verbs tm and ymy “not to be”, “not to have”; the verb of which follows in the predicate (§ 98).

§ 140. Relative sentences (§ 141c) are negated by the adjective nyw.ty “who is not”, “who has not”, which agrees in gender and number with the substantive, which it follows. It can also be used as a substantive. nyw.ty.t “that which does not exist” (*9,5).

Relative sentences.

§ 141. Relative sentences (cf. § 28a) are usually introduced by the relative pronoun nty, nty.t “who”, plural nty.w, which can also be used substantively. Examples: s3 nty tp t3 “a man who is on earth”
§ 141. Special kinds of sentences.

("56,11), p³ nty ḫmj f ym "the place on which his majesty is — the palace" (*52,8), nty.w ym.s "those who are in it" (*44,11), nty.w-ym "those who are there — the dead" (*32,4), nty.t "that which is (exists)" (*9,5).

The introductory "who" is often omitted in relative b sentences; in which case, if the subject is the same, the verb takes the form of a participle; but if the subject is different, it prefers the relative form (§ 118): prr.t m-b3h ntr-c³ "that which comes out before the great god (i.e. delivered as an offering)" (*19,8), "the prince, rdy.w.n štn whom the king has dispatched" (*27,3), "Osiris, nrr.w n.f ntr.w to whom the gods bow" (*28,9), škd.w ym.s rh.w.n.k "rowers are in it (the boat) whom thou knowest (known to thee)" (*48,9).

The relative sentence is negated either by the negative relative nyw.ty (§ 140); or, in nominal sentences, by the introductory negative n, nn "not" (§ 138); nn ḏrw "there is no boundary" (*7,7), ṭšḥ.t nn ḫm.s "a ship which has no rudder" (*43,4), "a hero, nn šn.nw.f who has not his like (his second)" (*42,6).
List of Hieroglyphs.

The following list of hieroglyphics is a selection from the complete list, which Lepsius arranged according to classes for the type-foundry of Ferd. Theinhardt of Berlin. Today we know the real meaning of many signs which at that time were wrongly defined; the meaning, however, of many others is yet unknown.

After each hieroglyph there is given (in italics) the Egyptian word with which it is connected; and also how the sign is to be read, if its phonetic value is not written. Further, the classes are given (in bold-face type) in which the hieroglyphs as determinatives are placed. The list, as well as the data, is incomplete. In addition to those necessary for the reading exercises, only the most frequent hieroglyphs, phonetic values, and phrases are given.

Abbreviation: g. = god.

| A. MEN | 2  | to call,  | 29  | chief, officer, | 84 | prisoner |
|        | 5  | dw3, yw3, | 30  | old man,  | 85  | enemy,   |
|        | to worship |  |  | y3w | 89  | foreigner |
|        | 8  | k3, h3 | 31  | to smite,  | 91  | to speak, |
|        | to turn around, cny |  |  | hw | 92  | sitting, |
|        | 16 | to dance, to rejoice, k3y | 51  | kd, to build | 98  | to drink, |
|        | 19 | to bow | 71  | child, hrd |  |  |
|        | 27 | death, mummy, figure, twt | 80  | death, enemy |  |  |
|        |  | 82  | soldier, m3c |  |  |
|        |  | 84  | prisoner |  |  |
|        |  | 89  | man, suffix | § 53 |  |  |
|        |  | 91  | to speak, to eat |  |  |
|        |  | 92  | sitting, weariness |  |  |
|        |  | 98  | to drink, swr |  |  |
|        |  |  |  |  |  |  |  |
|        |  |  |  |  |  |  |  |
|        |  |  |  |  |  |  |  |
|        |  |  |  |  |  |  |  |
### List of Hieroglyphs: A—D.

<table>
<thead>
<tr>
<th>No.</th>
<th>Glyph</th>
<th>Meaning</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>[Glyph]</td>
<td>wcb, to clean</td>
<td>to carry, to work</td>
</tr>
<tr>
<td>105</td>
<td>[Glyph]</td>
<td>hh (n rnp.wt)</td>
<td>the dead</td>
</tr>
<tr>
<td>110</td>
<td>[Glyph]</td>
<td>king, suffix § 53</td>
<td>king, Osiris</td>
</tr>
<tr>
<td>117</td>
<td>[Glyph]</td>
<td>foreigner, Bedouin honourable person, śps</td>
<td>honourable person, suffix § 53</td>
</tr>
<tr>
<td>120</td>
<td>[Glyph]</td>
<td>king, Osiris</td>
<td></td>
</tr>
<tr>
<td>121</td>
<td>[Glyph]</td>
<td>mynw, s3w</td>
<td></td>
</tr>
<tr>
<td>128</td>
<td>[Glyph]</td>
<td>nwyr, g. Osiris</td>
<td>pth, g. Ptah</td>
</tr>
<tr>
<td>131</td>
<td>[Glyph]</td>
<td>g. Onuris</td>
<td></td>
</tr>
<tr>
<td>139</td>
<td>[Glyph]</td>
<td>nmr, g. Min</td>
<td></td>
</tr>
<tr>
<td>143</td>
<td>[Glyph]</td>
<td>ymn, g. Amon</td>
<td></td>
</tr>
<tr>
<td>158</td>
<td>[Glyph]</td>
<td>šw, g. Show</td>
<td></td>
</tr>
<tr>
<td>199</td>
<td>[Glyph]</td>
<td>rc, g. Re</td>
<td></td>
</tr>
<tr>
<td>203</td>
<td>[Glyph]</td>
<td>štš, bcrw</td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>[Glyph]</td>
<td>g. Set, Baal</td>
<td></td>
</tr>
<tr>
<td>216</td>
<td>[Glyph]</td>
<td>ynpw, g. Anubis</td>
<td></td>
</tr>
<tr>
<td>225</td>
<td>[Glyph]</td>
<td>dhuty, g. Thot</td>
<td></td>
</tr>
<tr>
<td>232</td>
<td>[Glyph]</td>
<td>hnmw, g. Khnum</td>
<td></td>
</tr>
<tr>
<td>246</td>
<td>[Glyph]</td>
<td>kš</td>
<td></td>
</tr>
<tr>
<td>251</td>
<td>[Glyph]</td>
<td>ln</td>
<td></td>
</tr>
<tr>
<td>252</td>
<td>[Glyph]</td>
<td>chš</td>
<td></td>
</tr>
<tr>
<td>256</td>
<td>[Glyph]</td>
<td>ôsr</td>
<td></td>
</tr>
<tr>
<td>281</td>
<td>[Glyph]</td>
<td>hw</td>
<td></td>
</tr>
<tr>
<td>288</td>
<td>[Glyph]</td>
<td>nc, for 63</td>
<td></td>
</tr>
<tr>
<td>295</td>
<td>[Glyph]</td>
<td>mh, rmm</td>
<td></td>
</tr>
</tbody>
</table>

### D. Parts of Man

<table>
<thead>
<tr>
<th>No.</th>
<th>Glyph</th>
<th>Meaning</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>[Glyph]</td>
<td>dbd3, tp</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>[Glyph]</td>
<td>hr</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>[Glyph]</td>
<td>hair</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>[Glyph]</td>
<td>yr, to see (cf. wšyr)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>[Glyph]</td>
<td>to see</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>[Glyph]</td>
<td>cyn</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>[Glyph]</td>
<td>wö3.t</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>[Glyph]</td>
<td>r</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>[Glyph]</td>
<td>to spit, to flow out</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>[Glyph]</td>
<td>mdw</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>[Glyph]</td>
<td>back</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>[Glyph]</td>
<td>šc</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>[Glyph]</td>
<td>to suckle</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>[Glyph]</td>
<td>to embrace, hpt</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>[Glyph]</td>
<td>kš</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>[Glyph]</td>
<td>n, nyw, negative</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>[Glyph]</td>
<td>ln</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>[Glyph]</td>
<td>chš</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>[Glyph]</td>
<td>ôsr</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>[Glyph]</td>
<td>hw</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>[Glyph]</td>
<td>nc, for 63</td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>[Glyph]</td>
<td>mh, rmm</td>
<td></td>
</tr>
</tbody>
</table>
F. PARTS OF MAMMALS

3 " yh instead of E 3
5 □ nose, to breathe, fend, srt, rs

G. BIROS

1 □ 3, also for G 5
5 □ tyw
6 □ nh
<table>
<thead>
<tr>
<th><strong>List of Hieroglyphs: G—M.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
</tr>
<tr>
<td>13</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td>16</td>
</tr>
<tr>
<td>28</td>
</tr>
<tr>
<td>30</td>
</tr>
<tr>
<td>33</td>
</tr>
<tr>
<td>38</td>
</tr>
<tr>
<td>46</td>
</tr>
<tr>
<td>48</td>
</tr>
<tr>
<td>53</td>
</tr>
<tr>
<td>54</td>
</tr>
<tr>
<td>58</td>
</tr>
<tr>
<td>60</td>
</tr>
<tr>
<td>66</td>
</tr>
<tr>
<td>67</td>
</tr>
<tr>
<td>71</td>
</tr>
<tr>
<td>73</td>
</tr>
<tr>
<td>75</td>
</tr>
<tr>
<td>78</td>
</tr>
<tr>
<td>79</td>
</tr>
<tr>
<td>80</td>
</tr>
<tr>
<td>81</td>
</tr>
<tr>
<td>82</td>
</tr>
<tr>
<td>87</td>
</tr>
<tr>
<td>90</td>
</tr>
<tr>
<td>91</td>
</tr>
<tr>
<td>92</td>
</tr>
</tbody>
</table>

**K. Fish**

| 1 | yn |
| 2 | fish |
| 10 | h3 |

**L. Insects**

| 1 | byt |
| 3 | hpr |

**M. Plants**

<p>| 1 | tree, ym3 |
| 9 | ht |
| 13 | rnp, h3t-sp |
| 15 | mry, try |
| 17 | rnp |
| 22 | nn, nhb |</p>
<table>
<thead>
<tr>
<th>Number</th>
<th>Hieroglyphs</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>$sw, stny, (ny-$swt?)$</td>
<td>$ms$</td>
</tr>
<tr>
<td>26</td>
<td>$smc$</td>
<td>$bd.t$</td>
</tr>
<tr>
<td>30</td>
<td>$rs$</td>
<td>$snw.t$</td>
</tr>
<tr>
<td>33</td>
<td>$y, § 13$</td>
<td>$vinh, bower$</td>
</tr>
<tr>
<td>33</td>
<td>$yy (y3y?)$</td>
<td>$fig, d3b$</td>
</tr>
<tr>
<td>35</td>
<td>$sh.t$</td>
<td>$bnr$</td>
</tr>
<tr>
<td>36</td>
<td>$c3b.t$</td>
<td>$n3m$</td>
</tr>
<tr>
<td>37</td>
<td>$3$</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>$sh.t$</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>plants, $hn, y8y$</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>$h3$</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>$mh$</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>$w3d$</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>lotos</td>
<td></td>
</tr>
<tr>
<td>67</td>
<td>$wn$</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>$h3$</td>
<td></td>
</tr>
<tr>
<td>73</td>
<td>(late) $wd$</td>
<td></td>
</tr>
<tr>
<td>74</td>
<td>$hd$</td>
<td></td>
</tr>
<tr>
<td>77</td>
<td>(old) $wd$</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>$spr$</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>$dh3, dw3$</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>$t3$</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>$desert, foreign country, h3h.t$</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>$dw$</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>$y3h.t$</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>$district, sp.t, h3p$</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>$land, earth, t3, ydb$ (see X 20)</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>$x$</td>
<td>$earth, land$</td>
</tr>
<tr>
<td>49</td>
<td>$way, border, w3.t, h3(y)$</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>$ym$ (later m § 13)</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>$g3$</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>$stone$</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>$or · grains$</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>$n$</td>
<td>$mw$</td>
</tr>
<tr>
<td>58</td>
<td>$mr$</td>
<td></td>
</tr>
<tr>
<td>Number</td>
<td>Image</td>
<td>Translation</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>59</td>
<td>pond</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>s</td>
<td></td>
</tr>
<tr>
<td>61</td>
<td>šm</td>
<td></td>
</tr>
<tr>
<td>66</td>
<td>yw</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>by3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>O. BUILDINGS AND THEIR PARTS</strong></td>
</tr>
<tr>
<td>1</td>
<td>city, house, nw.t</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>house, pr</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>pr.t-r-lyw</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>h</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>mr, nm</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>h.t</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>nb.t-h.t</td>
<td><strong>(Nephtys)</strong></td>
</tr>
<tr>
<td>19</td>
<td>Hi-hr, goddess Hathor</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>chC</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>wall</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td>gate, šb3</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>knb</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>h3p</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>pyramid</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>thn</td>
<td>obelisk</td>
</tr>
<tr>
<td>54</td>
<td>stela</td>
<td></td>
</tr>
<tr>
<td>61</td>
<td>lkr</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>lhr-sd</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>feast, lbr</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>steps, throne</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>door, to open, c3</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>s, bolt</td>
<td></td>
</tr>
<tr>
<td>71</td>
<td>ys, sb, swy</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>ts</td>
<td></td>
</tr>
<tr>
<td>74</td>
<td>mnu, g. Min</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>ldr</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>h.t, house</td>
<td></td>
</tr>
<tr>
<td>84</td>
<td>l/hr</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>P. SHIPS AND THEIR PARTS</strong></td>
</tr>
<tr>
<td>2</td>
<td>ship, wy3; ldr, to move down stream</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>lnty, to sail up stream</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>l3w, nfu</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>chC</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>rudder</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>lryw</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>lssp</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Q. HOUSE ARTICLES</strong></td>
</tr>
<tr>
<td>1</td>
<td>šš (cf. wšyr)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>like 1</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>to sleep</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>to die</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>š</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>lhrp</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>nb</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>lhr</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>coffin</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>dB3</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>ywn</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>ln</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>lš</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>𓊡</td>
<td>mdr</td>
</tr>
<tr>
<td>42</td>
<td>𓊣</td>
<td>ḫr.t</td>
</tr>
<tr>
<td>42</td>
<td>𓊡</td>
<td>mnḥ.t + 𓊡 (Grf?)</td>
</tr>
<tr>
<td>51</td>
<td>𓊡</td>
<td>wdc</td>
</tr>
<tr>
<td>58</td>
<td>𓊡</td>
<td>ṣm3</td>
</tr>
<tr>
<td>59</td>
<td>𓊡</td>
<td>ṣm3</td>
</tr>
</tbody>
</table>

**S. CLOTHING, JEWELRY, INSIGNIA**

| 7 | ♂ | hprš | 48 | ♂ | cpr |
| 8 | ♂ | ḫd | 50 | ♂ | hṛp, ṣḥm |
| 11 | ♂ | n, byty |
| 13 | ♂ | ṣḥm.t |
| 14 | ♂ | ṣw.ty |
| 17 | ♂ | ṣw.ty |
| 28 | ♂ | yḥ |
| 31 | ♂ | ṣt |
| 32 | ♂ | clothing |
| 37 | ♂ | tongue, death, mr, nṣ |

**R. TEMPLE ARTICLES**

| 1 | ♂ | wḏḥw |
| 2 | ♂ | ḫ3w.t |
| 13 | ♂ | god, nṯr |
| 16 | ♂ | ḫṛy.t-nṯr |
| 18 | ♂ | ḫd |
| 20 | ♂ | ṣm3 |
| 22 | ♂ | ṣn |
| 26 | ♂ | yḥb |

**T. ARMS AND WAR ARTICLES**

<p>| 1 | ♂ | foreign country, cṣm, ḫm, tin |
| 2 | ♂ | rṣ |
| 3 | ♂ | ṣḥn |</p>
<table>
<thead>
<tr>
<th>No.</th>
<th>Hieroglyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>tpy</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>ḫps</td>
<td>to cut</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>ššm</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>pd</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>sty</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>arrow,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>šhr, šr</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>ṣ3</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>c3</td>
<td></td>
</tr>
<tr>
<td>43</td>
<td></td>
<td>war-</td>
</tr>
<tr>
<td></td>
<td>chariot</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**U. TOOLS AND AGRICULTURAL IMPLEMENTS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Hieroglyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ṣtp</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>nw</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with Q 58</td>
<td></td>
</tr>
<tr>
<td></td>
<td>m3c</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>mr, hoe</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>plough šnc</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>tm</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>ty</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>šmn</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>ḏ3</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>mr</td>
<td>(3b: U 31)</td>
</tr>
<tr>
<td>27</td>
<td>mnḥ</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>wb3</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>wb3 to open</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>ḥm</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>3b</td>
<td>(mr: U 24)</td>
</tr>
<tr>
<td>33</td>
<td>ḥṣf</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>nd</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>wc</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>nr.t (Neit)</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>šmō</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>mėn, gnw.t</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ḫrś</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>ššḥ</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>ḥ3p, Ḫp</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>nb</td>
<td></td>
</tr>
</tbody>
</table>

**V. WICKER-WORK**

<table>
<thead>
<tr>
<th>No.</th>
<th>Hieroglyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>cord, to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>fasten, š3.t</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(cf. S 14)</td>
</tr>
<tr>
<td>2</td>
<td>e</td>
<td>št3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>3w</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>ṣmḥ</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>šn</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>sack, crf</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>ḥrk</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>ḥḥ</td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>ṣd</td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>ġnd</td>
</tr>
<tr>
<td>26</td>
<td></td>
<td>ṣ3</td>
</tr>
<tr>
<td>27</td>
<td></td>
<td>ṣw</td>
</tr>
<tr>
<td>28</td>
<td></td>
<td>ṣwd</td>
</tr>
<tr>
<td>29</td>
<td></td>
<td>ššh</td>
</tr>
<tr>
<td>30</td>
<td></td>
<td>ḥ</td>
</tr>
<tr>
<td>34</td>
<td></td>
<td>ṣk</td>
</tr>
<tr>
<td>37</td>
<td></td>
<td>ṣ3h</td>
</tr>
<tr>
<td>41</td>
<td></td>
<td>phr</td>
</tr>
<tr>
<td>43</td>
<td></td>
<td>t</td>
</tr>
<tr>
<td>44</td>
<td></td>
<td>šty</td>
</tr>
<tr>
<td>45</td>
<td></td>
<td>šḥb, to</td>
</tr>
<tr>
<td></td>
<td></td>
<td>embalm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(wt)</td>
</tr>
</tbody>
</table>
### W. VESSELS

<table>
<thead>
<tr>
<th>Number</th>
<th>Glyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><img src="image" alt="oil" /></td>
<td>oil, mrh.t, h3t.t</td>
</tr>
<tr>
<td>4</td>
<td><img src="image" alt="water" /></td>
<td>hš or hš</td>
</tr>
<tr>
<td>5</td>
<td><img src="image" alt="water" /></td>
<td>water, ḫḥ</td>
</tr>
<tr>
<td>6</td>
<td><img src="image" alt="wine" /></td>
<td>ḥm</td>
</tr>
<tr>
<td>8</td>
<td><img src="image" alt="wine" /></td>
<td>ḥnt</td>
</tr>
<tr>
<td>11</td>
<td><img src="image" alt="wine" /></td>
<td>hḥm</td>
</tr>
<tr>
<td>13</td>
<td><img src="image" alt="wine" /></td>
<td>fluids, gifts hkt</td>
</tr>
<tr>
<td>14</td>
<td><img src="image" alt="wine" /></td>
<td>yṛt.t, milk</td>
</tr>
<tr>
<td>21</td>
<td><img src="image" alt="wine" /></td>
<td>nw, yn</td>
</tr>
<tr>
<td>22</td>
<td><img src="image" alt="wine" /></td>
<td>yn</td>
</tr>
<tr>
<td>23</td>
<td><img src="image" alt="wine" /></td>
<td>yḥ</td>
</tr>
<tr>
<td>23</td>
<td><img src="image" alt="wine" /></td>
<td>m3wt</td>
</tr>
<tr>
<td>26</td>
<td><img src="image" alt="wine" /></td>
<td>ḡḥb</td>
</tr>
<tr>
<td>29</td>
<td><img src="image" alt="wine" /></td>
<td>ṣḥ, ḫnw.t</td>
</tr>
<tr>
<td>31</td>
<td><img src="image" alt="wine" /></td>
<td>bread, ṭḥ</td>
</tr>
<tr>
<td>33</td>
<td><img src="image" alt="wine" /></td>
<td>bread, ṭḥ</td>
</tr>
</tbody>
</table>

### Y. WRITING, MUSIC AND GAME ARTICLES

<table>
<thead>
<tr>
<th>Number</th>
<th>Glyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><img src="image" alt="writing" /></td>
<td>sš</td>
</tr>
<tr>
<td>2</td>
<td><img src="image" alt="writing" /></td>
<td>book, abstract</td>
</tr>
<tr>
<td>5</td>
<td><img src="image" alt="writing" /></td>
<td>harp</td>
</tr>
<tr>
<td>8</td>
<td><img src="image" alt="writing" /></td>
<td>ṣḥm</td>
</tr>
<tr>
<td>9</td>
<td><img src="image" alt="writing" /></td>
<td>nfr</td>
</tr>
<tr>
<td>11</td>
<td><img src="image" alt="writing" /></td>
<td>ṣyš</td>
</tr>
<tr>
<td>12</td>
<td><img src="image" alt="writing" /></td>
<td>mn</td>
</tr>
</tbody>
</table>

### X. OFFERINGS

<table>
<thead>
<tr>
<th>Number</th>
<th>Glyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td><img src="image" alt="offerings" /></td>
<td>nhn</td>
</tr>
<tr>
<td>4</td>
<td><img src="image" alt="offerings" /></td>
<td>bread, offering</td>
</tr>
<tr>
<td>10</td>
<td><img src="image" alt="offerings" /></td>
<td>ṣw.t</td>
</tr>
<tr>
<td>14</td>
<td><img src="image" alt="offerings" /></td>
<td>sp</td>
</tr>
<tr>
<td>19</td>
<td><img src="image" alt="offerings" /></td>
<td>ṭḥ</td>
</tr>
<tr>
<td>20</td>
<td><img src="image" alt="offerings" /></td>
<td>ydb (see N 47)</td>
</tr>
</tbody>
</table>

### Z. STROKES AND DOUBTFUL SIGNS

<table>
<thead>
<tr>
<th>Number</th>
<th>Glyph</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td><img src="image" alt="strokes" /></td>
<td>y§13.39c.</td>
</tr>
<tr>
<td>7</td>
<td><img src="image" alt="strokes" /></td>
<td>ṣwš, ṣḥḥ</td>
</tr>
<tr>
<td>9</td>
<td><img src="image" alt="strokes" /></td>
<td>md</td>
</tr>
<tr>
<td>10</td>
<td><img src="image" alt="strokes" /></td>
<td>ḫṛy</td>
</tr>
<tr>
<td>12</td>
<td><img src="image" alt="strokes" /></td>
<td>ṭ</td>
</tr>
<tr>
<td>19</td>
<td><img src="image" alt="strokes" /></td>
<td>ṣr</td>
</tr>
<tr>
<td>22</td>
<td><img src="image" alt="strokes" /></td>
<td>ṣkr</td>
</tr>
<tr>
<td>25</td>
<td><img src="image" alt="strokes" /></td>
<td>ṣḥḥ</td>
</tr>
<tr>
<td>30</td>
<td><img src="image" alt="strokes" /></td>
<td>ṣḥḥ</td>
</tr>
</tbody>
</table>
Vocabulary.

The vocabulary contains, besides the words necessary for the reading-exercises, other words also which are frequent in easier texts. The words are arranged according to the Egyptian alphabet (§ 12); such, however, as are written with the same hieroglyphics are placed in groups, in order that they may the more easily be found. The hieroglyphics placed before groups or single words by no means represent the whole orthography of the word in question; but are only a characteristic mark out of the orthography of the word, which is to facilitate the recognition of the word by the beginner. The numbers give the pages of the reading exercises, where the complete writing of the word can be found.

Abbreviations: g. = God. c. = country. p. = place. t. = temple.

\[3.t\] moment.
\[swy\] distant, to be happy *12,8.
\[sw\] length *20,10. 47,10.
\[sw.t.yb\] joy *24,7.
\[sbw\] elephant, ivory.
\[sbw\] town Elephantine.
\[sbh(i?)\] to mix *18,7.
\[sb\] town Abydos *8,5.
\[spd\] duck, goose, birds *8,8.
\[3mm\] to grasp *28,1.
\[3h.t\] field *20,7.
\[\text{\dagger\dagger}\] inundation § 48.
\[3by\] to hurry, to accelerate *52,5.
\[3kt\] place *9,3. 49,7.
\[3t\] goddess Isis *19,1.
\[3t.t.yb\] wish *19,10.

\[36.t-hr\] inspection *24,5. 32,2.
\[3br.t\] roast meat *1,9.
\[3tp\] to load.
\[3tpy.t\] load.

\[y\] oh! *21,5. § 70.
\[y3w\] adoration, worship *31,4.
\[53,11\]
\[y3wy\] to be old.
\[y3w.t\] office *15,2. 21,10.
\[y3b.t\] the east.
\[y3b.ty\] east, left *55,9.
\[y3r.t\] beans (?) *7,2.
\[y3rr.t\] wine *25,8.
\[y3hw\] to be transfigured *22,9.
\[y3hw\] splendour *5,6.
\[y3h\] excellent *14,9. 33,5.
VOCABULARY: yḥt.—yḥ.t.

On yḥ.t horizon *3,7. 20,4. 55,1.

yḥ.t bulblike *45,9.

yy (yy ṣ?) to come § 75. *9,1.

yy-wy welcome! *33,9.

yCy to wash *27,8.

(yy) moon *15,8.

yw to be § 122 ff. § 26 c. 131 b.

yw(t) to come *12,8. 42,5. 51,1.

§ 75.

yw island *13,3. 48,10. 45,2.

ywC to reward *26,14.

ywC heir, inheritance *9,7.

§ 29,2. 33,10.

ywf meat *1,8.

ywfw town Heliopolis *11,5.

yb to believe *46,2.

yby to thirst *43,11.

yb heart *3,6. 25,7. Cf. hṛy-yb.

yb month *5,1. § 48.

yp to count *34,4

yp-t-sḫ.wt t. Karnak (Thebes) *4,9.

ym there *7,6. 45,8 thereof *22,8.

ymṣ.t goodness *12,10. 15,5.

ymṣḥ reputation *2,7.

ymṣḥy worthy, respected *2,3,4.

ymy not to be *48,7. § 139.

ymy give! *50,1. § 101.

ymy he who is in *10,1. 19,5.

ymy-yb darling *7,10.

ymy-ṛḥ (mr) director *2,8,7.

ymn to conceal (oneself).

ymn g. Amon of Thebes *2,9.

ymn.t the west *20,1. 28,2.

ymn.ty western, right 3,7. 55,5.

yn on the part of *27,1. § 61g.

yn-m who? *47,2. § 137.

yny to bring *22,7.

ynw offering *19,3.

ynwvw g. Anubis *19,4.

ynr stone *6,10. 54,6.

egg-shell *55,7.

ynḥ to enclose *52,9.

ynḥ eyebrow *46,9.

(y)nd-hr Hail! *27,10. 31,8.

yr if § 135; emphasis § 131.

With suffixes: *18,8. § 69 b.

§ 102. § 137.

yry to make *20,3.

to create, to beget *18,7.

§ 115. 128.

to pass time *45,4.

auxiliary verb § 128.

yry-yḥ.t to sacrifice *11,4.

yry he who belongs to *26,6.

§ 40,2. § 36 a.

yrw figure *31,10.

yṛp wine *1,8.

yṛnt Orontes *53,8.

yṛt milk *1,8.

yḥ ox *3,8. 36,9.

yḥw.ty builder, farmer.

yḥ.t affair *8,9.
Vocabulary: yhm.w(-šk)—C8.

yhm.w(-šk) see hm.

| ym, grave | *9,1. 36,5. |
| ym, to haste. |
| ym, reward | *24,8. |
| ym, behold, here (§ 64b) | *18,1. 37,1. 51,1ff. |
| It, barley | *7,6. |

(also ) ym (also tf?)

father | *3,2. 6,8. 10,7. 11,9. 12,2. |

yt-mtr "father of the god" (title of a priest) | *49,3. |

ym g. Atum | *3,7. |
yn disk of the sun | *18,9. 55,2. |
ym stream | *24,1. |

ytm to take | *47,4. |
ym two borders (shore?) | *25,8. |
ym representative, assistant | *27,8. |

C arm | *12,9. |

Cp-C before | *44,10. § 134. |

Cp-C, wy ancestor | *89,10. |
m-c of | *54,5. |

g great, to be great (Gb). |

n-gb, because | *10,4. |

gb, offering, gift. |

gm Syrian, Asiatic | *13,5. 40,3. |

gn lime-stone. |

Cw.t small cattle. |

Cw3y to rob. |

Cb horn | *38,8. |

cb3 tombstone | *22,1 (cf. hryp). |

Cpr to be supplied with | *13,6. to fit out | *56,2. |

Cm to swallow. |

Cny turn around | *53,10. |

Cnh to live § 18c, the living |

life | *22,5. |

Cnh ear | *7,9. |

Cnd fat. |

Cry to ascend. |

Crf bag (with paint?) | *19,6. 36,9. |

Crky last | *18,4. |

Cb3 to fight | *37,4. 42,7. |

Cb3 battle | *13,7. |

arrow | *42,11. |

ChC to stand | *51,3. |

auxiliary § 127. |

ChC life-time | *18,1. 55,11. |

(m).ChC grave | *49,2. |

ChC palace | *10,1. 14,8. 56,2. |

Chm holy sparrow-hawk, |

idol. |

Chnw ty cabinet (of the king) | *2,6. |

Cš to call | *51,5. |
Vocabulary: Cš3—wt.t.

Cš3 to be many, many *7,4.
18.1. 37,3.
Cš3 rich *31,9.

Cš to go in *5,8. 23,6. 41,1.

W

wš.t way *6,2. 43,5.
wšy to bow to (r) *30,8.

wšš wave *45,3.

wšš to lay *47,5.
wšš happy, lasting *4,7.
to be happy *21,9.
wšš happiness *4,1.

wšš.t town Thebes *4,6.
wššy to go to ruin *25,6.

wšš green, fresh, young *16,3.
wšš green paint *1,11.
wššy.t goddess Uto of the Delta.
wšš-wr the (Red) Sea *13,8.
44,9. 45,3.

Wk wys ship.

W. one *37,10. 40,11.
alone *55,11.
wšš.ty the only one *4,10.
wššy to be alone *45,4. 53,5.
wšš.w lonesomeness (of the king), palace *11,2.

wšš clean *8,9.
priest *2,1. 21,6.
wšš to fetter *6,5. 14,1.

wt to penetrate *27,6.

wbn to rise (sun) *12,7. 18,9.
55,3.

w to adjust *11,3.
wpy to open *46,10.
wšš-ws.wt g. Upuat *8,6. 29,8.

wn to open *6,1.
wšš.wt hour *51,9.
wššn to be, to exist *36,8.
wšš-nfr Osiris *23,8. 28,3.

wšš food *55,11.
to eat *56,8.

wššr great *11,1; the great one *51,2; first-born 23,8.
n-wššr-n because *27,7.
wššry.t war-chariot *13,9.
wššry.t guard *43,6.

wšm to repeat *4,1. 27,8.

wššy.t stem *44,7.

Wk to loosen.

Wššr g. Osiris *2,9. Title of the dead *9,9.

wšš to be mighty *22,9.
wšš strong *12,1. 14,5.
wšš.w might *18,2.

wšš far, to be wide.
wšš width *47,11.
wšš.t transport ship *43,3.
wššn to step out *6,4.

wšš to answer *47,8.

Wšš to embalm.
W.t town name? 19,5.

Wšš to beget *49,8.
VOCABULARY: wdn—p3w.t

wdn to sacrifice.

wdhw altar.

wd to command *29,5.

wd command *39,9.

wds whole, healed, to be happy *30,7, 47,5.

wds to go *56,1.

wds.t holy Uzat-eye.

wđc to judge.

wdb shore, beach *37,3.

byk falcon.

byk to work *16,8.

byk servant *9,11, 54,4.

bCr g. Baal *53,4.

bw place *10,2.

bw-nb each one *35,2.

bw-nfr the good § 35c.

but abhorrence.

bb.t whirlpool (?) *24,1.

bn.t harp *49,1.

bnw Phoenix (bird in Heliopolis).

b3w.t black granite (?) *11,10.

bnr sweet *35,3.

bnr date.

b3 to flee *37,9.

b3y to introduce.

b3t to revolt *30,8.

bd.t spel (wheat) *7,6.

bdś to become discouraged *52,6.

□ P

p.t heaven *6,1.

p3 to fly.

p3 to have been *54,7. § 130.

p3 this, the *41,1. § 41.

p3w.t primitive times *9,6, 16,10.

p3w.t primitive god *8,3.

p3w.t sacrificial bread.

5*
VOCABULARY: pC.t—mnw.

q pC.t mankind *34,6.
pw, pwy these *28,2. § 58.
pun.t c. Punt.
p/3 that *37,1. § 57c.
p/6 see f3y to cook.
prnC to turn over.
pr house *2,8.
pr-hd treasury *3,10.
pr-C3 pharaoh *56,1.
pr.t winter *8,4. 18,4. § 48.
pry to ascend, to come out
*6,3. 23,6. 40,11.
to be delivered up *19,8.
pr.t-r-hrw sacrifice for the
dead *8,8.
pry hero *42,6.
prsn baking *1,9.
ph to get *43,9.
ph.t strength.
phr to draw through *33,7.
p/b back *13,11. 19,3.
p/b.t the ninefold gods (family
of) *32,3,8.
ptn desert between Egypt and
Syria *43,9.
prtr behold! *59,1.
pt.t bow *16,2.

f
f3y to carry.
f3d nose *43,1. 49,10. 50,1.
fl to loose.
/3y (later p3y) to cook *44,6.
f3s to reward.

m
m preposition § 61a.
m-m together with *23,8.
m3 (m3y?) lion *30,9.
m3-hs lion *53,9.
m3 to see *12,5. 23,5. 43,6.
m3C true *33,11. genuine
*46,9.
m3C-hrw to justify *29,3.
blessed *2,1—5.
triumph *18,2.
m3C.t right *11,3. 32,9.

m3wit red granite *12,3.
m3h garland *50,2.
m3-hd Oryx-Antelope *4,4.
my how *4,3. then *22,1. § 135.
my.ty the like *16,10. 54,7.
r-my.ty.t in like manner *26,6.
mynw herdsman.
myny to land, to die; see mn.
mnw water *1,10. 44,5.
mnw.t mother *16,1.
mnw.t godess Mut of Thebes.
mwt to die *44,1.

mn to remain, to last *10,5.
mn-yb brave *33,9.
myny to land, to die *39,10.
50,7.
mnC.t wet-nurse *19,11.
mnw monument *6,8.
mnw g. Min *29,11.
**Vocabulary: mnu.t—nb.t.**

*mnu.t* dove *19,7.

*mny.t* army, staff *31,3.

*mnnn* to tremble *46,3.

*mnnn.t* herd *7,7, 42,9.

*mnh* to be excellent *14,5.

*mnh* excellent *20,8.

*mnh.t* dress *1,11.

*mnuw* g. Mont *43,2, *58,3.

*mr s. qmy-rs* director.

*mr* to be sick.

*mr* pyramid.

*mry* to love *10,4, 16,2.

*mnu.t* love *14,8.

or

*n-nruw.t* (#62b) therewith *10,5.

out of love for *12,7.

*mr.t* subordinates, slaves *14,10.

*mhr.t* oil *1,11.

*mhb* to fill *5,6.

to be full *20,11.

*mhy-byb* darling *3,11.

*mht* the north (Delta) *7,11.

*mhty* northern *17,11, 40,1.

*mkyt* north-wind *23,11.

*mh* ell *6,9, 20,9, 46,8.

ms to bring.

*mky* to give birth to *15,7.

*msh.t* birth *4,1.

*mnty* stone-cutter *2,3.

*mstm.t* black paint *1,11.

*mshdy* to hate *36,4.

*ms* army *2,6, 30,11.

*msw* dagger *41,3.

*mky* to protect *14,1.

*mkt* protection *33,2.

*mt* see mwt to die.

*mt* director (?) *21,7.

*mtn* chief *44,3.

*md.t* speech *51,6.

*mdw* to speak *55,7.

*mdr* to press.

*mdr-ws.t* to be true *41,10.

**n**

*n* preposition § 61c. genitive § 21c.

*n(nyw?)* not *51,4, 54,7. § 138.

*nywt* he who is (has) not *33,6. § 140.

*nywt* that which does not exist *9,5.

*nn* not *28,9, 42,6, 43,4, 45,1.

§ 138.

*nyb* to call.

*nt* (mnu.t?) goddess of heaven Nut *28,7.

*nt* town, residence *2,7.

*nt* municipal *21,11.

*nw* flood *34,9.

*nb* each, every, all anyone *4,9, 13,2, 19,2, 21,8. § 37b.

*nb* master *2,7, 9,11, 40,1.

*nb* mistress *2,8, 20,1.
Vocabulary: nb.ty—rs-3w.

nb.ty (?) "the two goddesses of the land," title of a king *4,7.

nb.t-h.t goddess Nephthys.

nb gold *3,10. 26,4.
b.t town Nubt.
b.ty g. Nubti (Set); cf. Hr.

nbô Sycomore (?) *1,10.

nfrw aspiration, breath *22,5.

(nfr) (cf. tsô).

nfr beautiful, good *18,1.
nfrw beauty *16,1. 55,4.

nfr.t girl *58,2.
nfr.t-r until *18,4. § 62c.

nmt to wander *40,1.

nn this *10,3. 44,1. § 57e.

nrw strength *8,6.

nr.t mankind *34,6.

nr.t goddess Neit of Sais.
nrr to bow (?) *28,9.
nh.t Sycomore.

nhrn Naharina (Mesopotamia) 37,1. 40,4.

nhb.t nape of the neck *42,11.

nhm to take away.

nhh eternity *6,4; only 31,8.

nhêy negro, Nubian *38,11.

nhêh whip.

nhb town Elkab.

nhb.t goddess Nechet.

nhn (cf. s3w) town Nechen *4,4. 54,1.

nhô to be a child *10,2.

nhô to be strong, strong *4,6.

nhô strength, victory *13,1. 14,2. 40,6.

nhô tongue.

nhô belonging to, according to measure *46,6.

nhô throne 18,11.


nty.t the existent *9,5.

nty.w-gm the dead *52,4.

rnty.t that *30,8. § 136.

nfr god *8,2.

nfrô to be divine *16,4.

nfrô divinity (?) *31,5.

nfr-nfr good god: king *20,1.

Cf. h.t-nfr, hô-nfr, hry.t-nfr.

nd(y) to deliver, to protect *33,5.

nd(ty) deliverer *12,6. 13,10.

nôm sweet, pleasant *12,10. 22,5.

ndô small *47,2.

r

r preposition § 61b; after imperative *38,4. § 102; with infinitive § 106.

conjunction: § 136; cf. yr.

rs mouth *7,9. 38,3.

saying *56,9.

rs goose *19,7.

rs-pr temple *12,8.

rs-3w p. Tura (quarry) *54,6.
Vocabulary: rs-hry—h3y.t.

rs-hry supreme director *39,7.
r3-str.w p. Sakkara *23,6.
ynm-r3 (mr) director *2,6, 39,8.

c g. Re *6,3. 4,3.

rdg to thrive *10,6.
rdg feast *24,8.

r3d steps *9,4.

rPCA ty (yry-pCA t?) prince *3,7.

yry-tCA t(?) princess *15,5.
r.f *18,8; cf. yr.
rm fish *45,10.

rmny to carry.

rm$ man *3,6. 26,2.

rn name *7,1. 10,5.

rnpy fresh, to be young.

rnpy.t flowers, fruit *15,2.

rn CA l Calendar (year)*5,10. 14,2.

rnn to bring up *16,2. 25,9.

38,5—7.
rh to know, to be acquainted with *26,3. 48,9. 51,4. § 82.
rh.t mankind *31,2.

rs south (Upper Egypt).

rsy southern *8,10. 17,10. 40,1.

rsy to awake.

rsy.t joy *50,6.
rsy to be glad *31,3.

c k time *49,6.

rk *38,4; cf. r.

rknw Syria *13,5. 42,5.

rd leg *40,2. (dual rd.wi).

rdy to give § 74.

rdy to give § 74.

to appoint *54,3.

h3 o! § 70.

h3y to descend *30,2. 47,9.
h3b to send *27,6.
hfy to rejoice *31,3.

hfy husband.

hp law *17,2.
hmhm.t roaring *13,9.

hny to bow.

hnyw to shout with joy *31,2.
hfy to be satisfied.

hrw day *27,11. 43,7.

hdh to attack *37,6.
hsw naked *30,5.

\[ \text{h(z)p to conceal.} \]

\[ \text{h(z)p.ty spy *51,7. 10.} \]

\[ \text{h(z)-nb.w Greeks etc. *34,7.} \]

\[ \text{h(z)k to rob *42,9.} \]

\[ \text{hhy to seek *33,6.} \]

\[ \text{hC limb, body *12,9. 18,7.} \]

\[ \text{hCy to rejoice *12,5.} \]

\[ \text{hCy Nile *22,7.} \]

\[ \text{hmy to smite *42,8.} \]

\[ \text{hb feast *28,10.} \]

\[ \text{hb-kd reign-jubilee *15,11.} \]

\[ \text{hb to clothe.} \]

\[ \text{hb dress *30,5.} \]

\[ \text{hpy Apis, bull in Memphis.} \]

\[ \text{hpt to embrace.} \]

\[ \text{hfsw snake, dragon *46,5.} \]

\[ \text{hfn 100000. § 46.} \]

\[ \text{hm.t wife *3,2. 15,5. 17,9.} \]

\[ \text{hm.w} \text{ rudder *43,4.} \]

\[ \text{hm.s to sit *38,3.} \]

\[ \text{hm majesty *5,1.} \]

\[ \text{hm servant, slave *26,6.} \]

\[ \text{hm-ntr prophet *2,9. § 18a.} \]

\[ \text{hm-kt priest of the dead *21,6.} \]

\[ \text{hm.t female slave *26,6.} \]

\[ \text{hmwr handicraft, art *2,11.} \]

\[ \text{hmwr.ty workman *2,2. 20,3,8.} \]

\[ \text{hmPt copper *41,3.} \]

\[ \text{hnc together with *8,3. 37,2. 7,2.} \]

\[ \text{hmw.t mistress.} \]

\[ \text{hmmt.t mankind *34,6.} \]

\[ \text{hnk to present.} \]

\[ \text{hnkt offering *23,2.} \]

\[ \text{hr g. Horus *19,1; title of a king *4,1.} \]

\[ \text{hr Nb.ny (?) "Horus, (conqueror of) Nubti [= Set]; title of a king *4,7.} \]

\[ \text{hr sight, face.} \]

\[ \text{hr-nd each one *35,1.} \]

\[ \text{hr preposition § 61d.} \]

\[ \text{m-hr-n before, on *52,4.} \]

\[ \text{hft-hr in the presence of *26,5.} \]

\[ \text{r-hft-hr in the presence of *50,5.} \]

\[ \text{hry the supreme *2,11. 14,10. 39,8.} \]

\[ \text{hry.t desert *3,8.} \]

\[ \text{hry-yb dwelling in *8,6.} \]

\[ \text{hry-mdYYY chief *4,4. 8,2. 29,11.} \]

\[ \text{hry to withdraw *51,3.} \]

\[ \text{hry.t terror *13,3. 39,1.} \]

\[ \text{hH cf. hhy to seek, nhh eternity.} \]

\[ \text{hH million.} \]

\[ \text{hH n rnp.wt million years *15,11. 27,4.} \]

\[ \text{hsw.t favour, love *15,5. 20,1. 26,3.} \]

\[ \text{hsw.t to sing *50,5.} \]

\[ \text{hsy singer *49,1.} \]

\[ \text{hs3 see m3 lion.} \]

\[ \text{hbt to calculate *9,9. 15,1. 55,11.} \]
VOCABULARY: ḫḳ.t—ḥr.

ْḥḳ.t beer *1,8. 8,8.

getattr goddess Hekt (toad) *29,8.

getattr to rule *16,2.

getattr ruler *9,8. 15,7.

getattr. to rule *34,2.

ḥkr hungry *3,5. 30,4.

ḥknw praise *43,2.

— ḫṯp to sit down, to rest *19,1. 55,5.

to set (sun) *3,7.

ḥṯp peace *9,1. 24,7. 54,9.

ḥṯp.t food *19,7.

ḥṭm to go to ruin *26,9.

ḥṭr team (of horses) *37,2.

52,2.

nt-ḥṭr charioteer *52,6.

ḥḏ to become bright *18,8. 43,9.

ḥḏ, white, silver.

ḥḏ.t crown of Upper Egypt *34,3.

— ḫ

○ ḫ.t see yḥ.t affair.

○ ḫ.t tree cf. ḫt.

ḥṯ thousand *19,6.

ḥḥy.t slaughter *40,8.

ḥḥw night *43,8.

ḥḥw.t altar *23,10.

ḥḥrw Syria *55,9.

— ḫḥḏ.t desert, foreign country *14,1. 51,2.

ḥḥḏ.ly foreigner, Bedouin *31,1.

— ḫḥy to appear, to shine *55,1.

glittering *4,6. 6,7.

ḥẖw brightness, crowns *4,7.

ḥẖ.w arms *13,7.

ḥḥr to rage *53,2.

— ḫḥw to protect.

ḥḥḏw.t beard *48,7.

ḥḥy to die *36,4.

— ḫḥr to become, to happen *18,9.

ḥḥpr form, appearance *11,7. 23,3.

— ḫḥps power *17,3.

ḥḥṯ until, on *20,3. according to *36,2.

ḥḥṯ-ḥr, r-ḥḥṯ-ḥr cf. ḫḥr.

— ḫḥṭy enemy.

— ḫḥm not to know *39,1.

yḥm.w-ṣkw the star which does not set (circumpolar) *31,2.

— ḫḥmt.

— ḫḥmt three.

ḥḥmt to think *42,8.

— ḫḥny to flutter, to lie down *43,10.

— ḫḥṯ forehead *38,9.

ḥḥḏt before *39,2.

ḥḥḏy the foremost, the first.

ḥḥḏy ḫmn.twy god of the dead of Abydos *8,7.

ḥḥḏy to go up stream, to journey southward *56,5.

ḥr with, preposition § 61f; but *51,9. § 64b.
Vocabulary: hr — smy.t.

hr to fall *43,1.11.
hr hostile prince *37,1. 51,1.
hrw voice *46,1.
hrw enemy *33,3. army *52,9.
hrp to lead *27,4; to advance
   *53,5.
hrp leader, director *3,9.
hrp stela, tombstone *22,1 (cf.
   Cb3).
hadb lapis lazuli *46,9.
ʃ hrʃ to keep off.
ʃ hrʃywu to draw near *32,5.
ʃ hr tree *7,5. 46,3.
ʃ hr-n-Cnb tree of life *34,10.
ʃ hr in *32,9.
m-ʃ hr afterwards *30,10.
future *50,11.
hʃ f written instead of hʃt.
ʃ htm seal, to seal.
hʃ Hittite *51,1.
ʃ hdy to go down stream, to
   journey northward *43,5.
   52,8. 56,5.

ʃ h

ʃ h.t body *28,7. belly *46,11.
ʃ hʃt.w "wire" of the
   crown *38,9.
ʃ hny to row *56,4.
ʃ hny.t sailor *26,1.
ʃ hnw the inside, palace *48,8.
   56,2.
m-hnw in *41,1. 55,8.
ʃ hnm to unite with *12,9.
ʃ hnmw g. Chnum *29,8.

Diagrams:

hr under *39,9. § 61e.
hrw he who carries, possessor
   *55,11.
hrw.t necessity of life *34,4.
hrw.t-nfr graveyard,
   underworld *6,2. 56,8.
hrw-hb reading priest.
hrd child *21,10.
hrw miserable *30,8. 37,1.
hhr jewelry, arms *13,6.

— 3 —

s (s?) man *40,3. 55,10.
s s son *2,7. s.t daughter
   *3,1.
=s=s=s=s protection *12,9. 3,4.
s Phyle (priest's staff) *21,7.
s.w watchman.
s.w Nbn title of an official
   *54,1.
sb judge *54,3.
swy (?) to go.
swy to pass away *49,6.
swr (later swy) to drink *24,1.

sp time *26,4. 47,2. property
   *31,5. misfortune *83,4.
   example *31,5. 37,6.
sp ever *16,10. 54,7.
spy to remain over *45,1.
sps.t district *30,2.
smy to unite *38,4.
smy.t cemetery.
VOCABULARY: sy—mnd.

— sy to pass by.
  snw bread *23,9.
  shy support of heaven *13,3.
  smn cf. bnm horse.
  sdy writer *14,11.
  sdy to write *35,10.
  sdi swamp *56,6.
  smn blossom of the lotus *50,2.
  skr g. of the dead in Memphis.

sy back.
  mn-back *41,2. 53,9.
  sdy to become satisfied.
  syh to present with *26,7.
  sdy to get *44,10.
  syh to perceive, to recognise *44,3.
  syh to glorify *28,6.
  syh to enlarge *39,6.
  syh to animate.
  syh nobility, dignity *5,5.
    28,3.
    knight *39,5.
  syh to set up, to reach *6,9.
    16,6.
  syh to pass by *21,8. 36,5.
  syh to praise *31,5.
  sdy.t egg *55,7.
  sbt but § 64c.
  sdy to order *21,10.

* sb3 star.
  sb3 door, gate *6,9. 16,6.
  sbh to cry 43,1.
  sp.t lip, coast.
  spr to get *40,4.
  spdd to make ready, to be § 77.
  sfly to loosen.
  sm3 to kill.
  smn sacrificial bull *13,11.
  sm.C-hrv to justify *56,10.
  smy to renew.
  smy to announce.
  smn to establish *15,10.
    17,2.
  mn3 to embellish, to mend *10,9. to do good *41,10.
  smr friend (royal title) *2,1.
  smk the elder *9,6. 32,8.
  sn brother *3,3. 32,7.
  sn sister, wife *19,10. 50,2.
  sn.mw the second, companion *42,6. 45,5.
  sn to smell, to kiss.
  sn-b to worship *32,4.
  snb to be well *2,1. health *24,7.
  snfr to embellish *14,6.
  snfrn to bring up (child) *5,5.
  sntr incense *1,10. 22,4.
  snnd to be afraid *48,7.
  snnd fear *13,2. 43,6.
VOCABULARY: hr—smy.t.

hr to fall *43,1.11.
hr hostile prince *37,1. 51,1.
hrw voice *46,1.
hrw enemy *33,3. army *52,9.
hrp to lead *27,4; to advance *53,5.
hrp leader, director *3,9.
hrp stela, tombstone *22,1 (cf.
Cb3).
habd lapis lazuli *48,9.
= hsf to keep off.
= hsfwy to draw near *32,5.
 ht tree *7,5. 46,3.
ht-n-Cnḥ tree of life *34,10.
ht in *32,9.
m-hṭ afterwards *30,10.
future *50,11.
hst written instead of hṣt.
ḥtm seal, to seal.
ḥt3 Hittite *51,1.
ḥdy to go down stream, to
journey northward *43,5.
52,7. 56,5.

h

h.t body *28,7. belly *46,11.
hb.t "wire" of the
crown *38,9.
hny to row *56,4.
hny.t sailor *26,1.
hnw the inside, palace *48,8.
56,2.
m-hnw in *41,1. 55,8.
hm to unite with *12,9.
hmunw g. Chnum *29,8.

hr under *39,9. § 61a.
hr overturns, possessor
*55,11.
hr.t necessity of life *34,4.
hr.t-nīr graveyard,
underworld *6,2. 56,8.
hr[y]-ḥb reading priest.
hrd child *21,10.
hṣy miserable *30,8. 37,1.
hkr jewelry, arms *13,6.

s

s(?) man *40,3. 56,10.
s2 son *2,7. s3.t daughter
*3,1.
s3 protection *12,9. 3,4.
s3 Phyle (priest's staff) *21,7.
s3w watchman.
s3w Nḥn title of an official
*54,1.
s3b judge *54,3.
swy (?) to go.
sby to pass away *49,6.
sywr (later swy) to drink *24,1.
sp time *26,4. 47,2. property
*31,5. misfortune *33,4.
example *31,5. 37,6.
sp ever *16,10. 54,7.
spy to remain over *45,1.
sps.t district *30,2.
smy to unite *88,4.
smy.t cemetery.
**Vocabulary: sny—snd.**

- **sny** to pass by.
- **smy** to become satisfied.
- **snw** bread *23,9.
- **shn.t** support of heaven *13,3.
- **smt** cf. **hnm** horse.
- **sdd** to cry *43,1.
- **sby** writer *14,11.
- **sbr** to write *35,10.
- **sbd** swamp *56,6.
- **smn** blossom of the lotus *50,2.
- **skr** g. of the dead in Memphis.
- **sby** to loosen.
- **smg** to kill.
- **sm3** to announce.
- **smn** to establish *15,10.
- **sm3h** to present with *26,7.
- **smk** to perceive, to recognise *44,3.
- **s3y** to glorify *28,6.
- **s3y** to enlarge *39,6.
- **s3y** to anamolise.
- **s3h** nobility, dignity *5,5.*
- knight *39,5.
- **s3h** to set up, to reach *6,9.*
- **s3y** to pass by *21,8.*
- **s3y** to praise *31,5.
- **s3h** to bring up (child) *5,5.
- **s3m** egg *55,7.
- **sbd** but § 84c.
- **sby** to order *21,10.

- **db3** star.
- **db3** door, gate *6,9.*
- **db3** to cry *43,1.
- **dbt** lip, coast.
- **spr** to get *40,4.
- **spdd** to make ready, to be § 77.
- **sflg** to loosen.
- **smd** to kill.
- **smd** to justify *35,9.
- **smd** to renew.
- **smd** to articulate.
- **smd** to establish *15,10.
- **smd** to embellish, to mend *10,9.*
- **smd** the elder *9,6.*
- **smd** the second, companion *42,6.*
- **smd** to smell, to kiss.
- **smd** to worship *32,4.
- **smd** to be well *2,1.*
- **smd** to be afraid *48,7.
- **smd** fear *13,2.*
Vocabulary: =Value

=ndm to sit *47,4. 50,4.
=ndr c. Sendar *40,7.
=dr officer *21,8. prince *40,11.
=r throne *19,1.
=tw to assemble *37,1.
=hm to drive back *33,4.
=hr to withdraw *18,6. to drive away *33,3.
=htp to rejoice *30,6.
=hd to clear up *16,9. 55,4.
=th field.
=zh to think of *50,6.
=hw remembrance *32,6.
=hm to have power over (m) *23,3. 37,7. 38,5.
=hm mighty *9,7.
=hm-m might *35,4.
=hm-m double crown *38,7.
=hm Sistrum (women’s rattle).
=hr kind *55,6. plan, advice.
=hr to cast down *31,1.
=sh to run *41,1.
=hr to cover *46,8.
=shy to satisfy *45,11.
=sw day of the month *5,1. § 48a.
=sm, ss horse *26,11.
=sm mare *40,11.
=sn to breathe *22,5.

=Wt Seschat, goddess of writing.
=swm to lead *20,3.
=sk (later sky) to smite *13,5.
=sk-Cw prisoner *26,11.
=kd rower *48,1.
=sk to pass (away) cf. yhmn.w=sk.
=gr to silence *50,8.
=grh to appease *17,2.
=ty to throw, to close *42,10.
=ty Bedouin *44,2.
=tw.t light rays *20,11.
=nty (ny-tw.t?) king of Upper Egypt *3,8. 4,11. 5,10.
=nty.t kingdom *4,7. 29,5.
=tm see, as *25,5. § 64b.
=stz winding.
=tyt Syria *18,4.
=ty Syrian *17,3.
=tp to choose.
=tp chosen *14,3. 48,2.
=td tail *41,5.
=tdzd to tremble § 77.
=tw to hear *30,10. 46,1.

=s pond *8,10. 56,1.
=sw destiny *49,5.
=sC to begin.
=sC-m begun from *18,3.
=sC sand *37,3. 52,2.
**Vocabulary:** hry-šC—kšry.

**hry-šC** Bedwin *54,10.

šC.t cake *1,9.

šCd to cut *41,5.

šw feather.

šw g. Schow.

šw.ty double feather (as a king's crown) *38,10.

špēy, špēo to be venerable.

špēy venerable *2,10. 12,11.

špē stela *21,8.

šfy.t appearance, might *3,6. 16,7.

šmy to go *43,8. 44,7. 48,10.

šmw summer *5,1.

šmC to play, to dance *50,5.

šmCy.t dancer *2,5.

šmC Upper Egypt *54,1.

šmy to follow, to serve *9,10. 40,1. 50,10.

šmCw servant *2,2. 52,10.

šny to surround *24,5.

šny hold back from (m) *23,7.

šmC granary.

šnw.t shed *3,9.

šnb.t skin, body *12,10. 50,2.

š sr.t nose.

šep to receive, to take *13,7. 23,9. to conceive *49,9.

šš linen *8,8.

šš corn *15,1.

šér arrow.

ššt3 secret *31,10.

šdy to suckle *5,7. 20,2.

šdy to read *22,1.

šdy.t town Crocodilopolis (in the Fayoum province) 4,3.

△ k

k3y to be high.

k3 height *20,9.

k3b to double.

kbb cool, to be glad *56,3. 56,7.

kbbw cool water *1,10.

kml to create, to do *16,1.

kmy anointing-oil *50,1.

kny to be strong.

kny brave *15,7. 26,8.

kny.t strength *13,1. *18,2.

knbt officials.

knd to be angry.

kry thunder *46,1.

krōw coffin *54,6.

krō.t burial *20,1.

kd to build.

kdt character.

kdo.t town Cadesh *40,10. 51,3.

<k

k3y to think *42,9.

k3 Ka (guardian spirit, genius, etc.).

k3 bull *4,6. 28,1.

k3.t work *4,9. 20,3.

k3.t wife *49,9.

kšry Nubian country *17,10.
<table>
<thead>
<tr>
<th><strong>Vocabulary: kšp—tph.t.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>kšp to smoke.</td>
</tr>
<tr>
<td>kšš (fem.) c. Nubia šš <em>27,6.</em></td>
</tr>
<tr>
<td>kyy, ky.ty the, the other § 48.</td>
</tr>
<tr>
<td>kōkw darkness <em>55,6.</em></td>
</tr>
<tr>
<td>kfs to unveil <em>48,4.</em></td>
</tr>
<tr>
<td>km to complete <em>18,1.</em></td>
</tr>
<tr>
<td>km.t Egypt <em>14,1. 44,4.</em></td>
</tr>
<tr>
<td>km-wr Isthmus of Suez <em>48,10.</em></td>
</tr>
<tr>
<td>kšš to bow <em>19,2.</em></td>
</tr>
<tr>
<td>kš see kšš.</td>
</tr>
<tr>
<td>tš earth, land.</td>
</tr>
<tr>
<td>tš-mry Egypt <em>34,7.</em></td>
</tr>
<tr>
<td>tš-sty Nubia <em>52,2.</em></td>
</tr>
<tr>
<td>tš-dsr cemetery <em>8,6. 19,5.</em></td>
</tr>
<tr>
<td>tšš border <em>17,10.</em></td>
</tr>
<tr>
<td>tšty to tread under foot <em>13,4.</em></td>
</tr>
<tr>
<td>twt figure, form.</td>
</tr>
<tr>
<td>twt to unite <em>50,1</em> (“altogether”).</td>
</tr>
<tr>
<td>tp head. tp-C see C.</td>
</tr>
<tr>
<td>tp upper part, terrace <em>20,5.</em></td>
</tr>
<tr>
<td>tp upon, on <em>23,5.</em></td>
</tr>
<tr>
<td>tpy he who is upon <em>19,5. 21,5.</em></td>
</tr>
<tr>
<td>tpy.t best oil <em>50,1.</em></td>
</tr>
<tr>
<td>tpy-C.wy forefather, ancestor <em>39,10.</em></td>
</tr>
<tr>
<td>tpy the first <em>5,3. 32,7.</em> § 47.</td>
</tr>
<tr>
<td>tpy to breathe <em>49,10.</em></td>
</tr>
<tr>
<td>tf see yt father.</td>
</tr>
<tr>
<td>tm not to be <em>11,3. 56,8.</em> § 98.</td>
</tr>
<tr>
<td>§ 139.</td>
</tr>
<tr>
<td>try time <em>43,8.</em></td>
</tr>
<tr>
<td>thn obelisk <em>16,6. 20,8.</em></td>
</tr>
<tr>
<td>tš man <em>49,8.</em></td>
</tr>
<tr>
<td>chicken <em>55,7.</em></td>
</tr>
<tr>
<td>tš.ty vizier <em>2,7. 52,4.</em></td>
</tr>
<tr>
<td>tšw wind (cf. nfw).</td>
</tr>
<tr>
<td>tw thou, thee <em>5,5 ff.</em></td>
</tr>
<tr>
<td>tb.t sandal, sole.</td>
</tr>
<tr>
<td>tph.t cave <em>22,7.</em></td>
</tr>
</tbody>
</table>
Vocabulary: tny—ddw.

tny to lift.

tny town This, Thinis district *9,2, 27,5.

tny.t throne *38,3.

thwno to rejoice *35,1.

thm to collide *37,5.

thm to shine.

th is knot, to tie.

tny to lift *29,4.

d.t
d.t eternity, eternal *4,3, 6,11.

dxy to cross over *43,3.

dm∞ generation *49,7.

dds.t college *21,7. 35,11.

ós dds head *13,5.

hr.,-dds being upon.

chief *4,4, 8,2, 10,10.

dc storm *44,9. 48,3.

dcm elektron (silver-gold)*16,8.

20,5,10.

dw mountain *19,5.

dw (hw?) bad.

dd.t brick *25,5.

dd. to replace.

dc seal, to seal.

d. food *19,7.

d.r border *7,7.

dr since *16,10. 39,10. § 134.

r-dr whole *26,5. (§ 44).

dhuty g. Thot *35,10.

dé self § 44,1.

dor splendid *4,7. 31,9.

dd to say *9,9. 21,2.

r-dd that *51,4,11.

dd to last, to exist.

dd.t duration *24,7.

ddw town Busiris *8,5. 29,7.
Remarks on the Reading Exercises.

The reading exercises are easier texts gathered in such a way that out of the simpler sentences of the texts a connected paragraph was chosen or formulated. More difficult parts of the text are completely dispensed with. Nowhere is anything added; only in a few cases an exceptional orthography had to be replaced by the customary one of the same word. The separation of words and the placing of signs have been carried out in such a way that the beginner can easily recognize the separate word-pictures; in this respect the antique originals look different, but this had to be withheld from the beginner.

The reading exercises are to be taken in order, and, in fact, only after the sections referred to in the margin have been studied. The difficulty of the texts grows gradually, although the simple language and the clear unity of words of the classical age predominate. It is only at the end that examples of the freer vernacular of the New Kingdom and the antique of the Old Kingdom are given. The contents are quite dissimilar. Single words and short titles form the beginning. Besides the temple inscriptions of kings, there are inscriptions from the graves of men in private life; then there are hymns to gods, and finally some belles-lettres.

In the following remarks the numbers *1—*56 with the number of the line refer to the reading exercises. The section marks (§§) refer to the grammar, and the designations Q3, M74 to the list of hieroglyphs (page 54 ff.). Egyptian words in italics are found in the vocabulary (page 63 ff.). With the assistance of the helps already mentioned the hieroglyphics are to be transcribed into Latin letters according to § 19, and a complete written translation should be made. Then try to re-translate into hieroglyphics the translation as well as the translation without helps.

Page *1, 2—7: Alphabet (§ 12), together with the latin transcription, should be copied often until complete ease is acquired. In like manner all printed groups are shortened.

*1, 8—11: for reading, writing, and translating: single words out

of lists of offerings. *2, 1–3: names of men, preceded by a title and followed by mšC-ˇhw “blessed” in different forms. Proper names with a meaning should always be analysed into their component parts and translated. *2, 4–5: names of women, as in 1–3.

*2, 6–11: names of men and women with titles and epithets.

*3, 1–2: names of family relations followed by proper names.

*3, 3–4: two men with statement of relationship or titles.


*5, 4–8: address of the goddess Hathor to king Thutmose III. The suffix gy “my” is not written, or is represented by the woman (§ 53). 7: “milk” is plural § 37 b. *5, 9–11: address of a god to the king. 9: dy-n. 11: § 133.


*7, 8–11: high-priest of Amon. 10: nfr-nfr the king. *8, 1–3: Amon of Karnak and Luxor. *8, 4–11: dated sacrificial formula (“day one”) for Antef; ḫtp dy štn “an offering which the king gives”, is a shortened formula for “offering”. 6–7: § 63. 8: § 88.

*9, 1–9: the dead speaks from the grave. 2: gry. 1 “I have built (it)”; first the district ṭs- wr “Thinis”, then the town šbw “Abydos” which is in it. 4–8: epithets of Osiris. 5: § 140, 141. 8: nty. w “the existing”. *9, 9–10; 2: šš relates personal experiences. 1: dweller in the palace — king.


*11, 4–11: dedication on a granite door in the Amon-temple of Thutmose III. at Heliopolis.

Rörder-Mercer, Short Egyptian Grammar
Remarks on the Reading Exercises: *12,1—*21,5.

§12, 1—4: dedication on a granite door in the Amon-temple of queen Hatshepsut; the words and suffixes relating to it have feminine forms only in part. 3: § 109; ḫsr mwn ymn is the name of the door. 4: § 128b.  
*12, 5—13; 11: "poetical stela", Amon addresses Thutmose III. 12,5: § 82, 105. 7: § 62. 8: § 105. 9: § 39a. 10: § 68.  
*13, 1: § 105. 4,8: yy.to is almost without meaning; τητυκ: § 88; ymy.w: § 63. 5: ṣkr § 80. 6: § 88; Cpr: § 82. 11: § 82.  
*14, 1—7: titles of Rameses II. and Psamtik I.; the epithets begin with an adjective or participle. 1: mk according to § 13.  
*14, 8—11: royal official. 9: lord of the palace = the king.  
*15, 1—3: recorder of bread and corn.  
*15, 4: note about a woman who sits beside her husband.  
*15, 5—6: Hatshepsut, wife of the king.  
*15, 7—8: address of a king. 7: read mry ṢC 7, 8: § 115.  
*15, 9—11: address of Thoth to Thutmose III., whose title he establishes. 9: yry.y "I make". 10: ṣmn.y. 11: yry participle.  
*16, 1—2: address of Hathor to the king. 1: km.t participle. 2: rminster "I brought up"; my: § 64; mrr.y: § 92; ḫy: § 106; the "nine-bow (people)" are the arch-enemies of the Egyptians.  
*16, 3—11: dedication for the two obelisks of Hatshepsut in Karnak. 6: § 109. 7: name of door.  
10: § 96. 11: § 133.  
*17, 1—11: scarab of Amenophis III. in commemoration of his marriage with Tyy whose parents were of simple birth.  
*18, 1—19, 3: death of Thutmose III. and accession of Amenophis II. 1: § 64b. 3: ṣC-m "of". 4: nfrt-r "until". 7: ḫcw nfr of the body of the king; yry: § 118. 8: § 69b.  
*19, 2: later sign for m § 13.  
*19, 4—9: sacrificial formula from the grave of Nḥty; Anubis is to give thousands of offerings to the dead. 5: epithets of Anubis. 8: § 112.  
*19, 10—20. 2: note on a woman, who was the wet-nurse of the king. 10: ṣn.t.f for "his wife", namely of the lord of the grave; n-slt.yb.f "his darling". 11: ḫr the king.  
*20, 3—11: two verses from the strophically arranged autobiography of a chief of builders. 3: ḫmr.tyw "hand artist". 4: ḫ.t-nfr "temple" with two further poetical descriptions of the same.  
*21, 1—4: acclamation to the visitor of a grave, who should pray for the buried person. 1: mrr: § 113; ḫs: § 92. 2: § 116. 4: § 115.  
*21, 5—22, 11: detailed appeal of the same kind. 5: § 70. 8: § 116. 9: § 185. 11:
Remarks on the Reading Exercises: *22,1—*33,5.

nw.tyw “the town-gods” i.e. the gods of the mother city. *22, 1: my “so”. 4: § 88. 5: § 104. 6: § 120. 9, 10: § 104. *23, 1—24, 3: offering formula with wishes for the life of the dead in the future. 3 ff.: infinitive, dependent on dy.f. 6: Ck pr.t “to go in and out again”. 7: § 96. 8: § 95; m-m “together with”. 10: § 113. 24, 1: swr § 30. *24, 4—8: Amon speaks to Hatshepsut. 5: § 120. 6: mrr.y; in: § 50. 8: yry.w.n.f n.y § 120. *24, 9—11: address of Amon to Thutmose III. 9: s3.y. 11: § 128. *25, 1—11: dedication of the Dedwen-temple of Thutmose III at the second cataract. 3: king Sesostiris III made a god. 4: § 109; Nubian sand-stone. 5: 64 b; it fails him. 6: § 66 a. 7: “as something which a son did” § 118. 8—9: epithets of “father” § 112. 10: order of words § 55: Thutmose speaks in the first person.

*26, 1—11: Admiral Ahmose relates his deeds. 3: hpr.t § 114. 4: § 82. 5: dr.f § 44. 6: § 66 b. yry.w “those who belong thereto”. 7: § 66 a. 8—9: proverb. 8: ynyry.t.n.f § 120. *27, 1—29, 4: Osiris hymn. *27, 1—8: title of the suppliant, usually introduced by relative forms § 118. 1: yu § 61 g, 107. 2: bmm ś § 108. 4: read n ĥh n rnp.wt “of millions of years”. 5: ts-wr “district of Abydos”. 7: hr-yb of the king § 133. 10: § 70. *28, 1—29, 1: epithets of Osiris. 1—4: play on the words ks and nfr. 2: pyy for pwh § 57 b. 6: b3ḥ “who glorifies him”. 9 ff. active relative form § 118, between which are passive participles § 112; both with n.f “for him”, “to him”. 11: is it yry.w.n § 118 “which was made for him” or is mkt.f omitted as *33, 2? *29, 2: Geb, father of Osiris. 4: appeal to Osiris, § 99. *29, 5—6: address of the god-king. 5: wd.n.y s3.y n b.t.y. *29, 7—30, 6: offering formula for Antef, who finally speaks himself. 11: district-prince of the Min-district (Panopolis, Achemim). *30, 2—6: first person singular. 3: § 120. 6: § 120. *30, 7—31, 5: Nubian war of Thutmose II. 7: § 87; “to rejoice the heart of his majesty” = to announce to him. 9: § 90. 8, 10: § 64 a. 11—1: § 124 b.


*32, 1: passive participle. 2: the circum-polar stars. 4: “those tarrying there” = the dead. 5: ḫš.f.w § 106. 11 ff.: § 118. *33, 2: Isis; mkt § 13. 3—7: epithets of Isis. 6: b3gy. *33, 8—36, 2: the appointment of Horus as world-
ruler; from a hymn to Osiris, who is addressed in 35, 7.

*33, 8: rērā. 9: § 68. 11. f repeats the subject, Horus. *34, iff.: epithets of Horus. 1: § 113b. 2: § 89. 3: § 81. 6: § 113b. 8: § 118. 11: nḏm.w § 80. *35, 2: § 124b. 5: mrw.t.f “love to him”. 6: “father”: Osiris. 9: the office of the god-king. *36, 1: “it” is omitted § 133. 2: § 87. *36, 3—11: appeal to the visitors of the grave. 3: § 70; nty.w § 141. 4: § 105. 5: § 116. 6: § 135. 7: § 126. *37, 1—11: victory of Thutmose III. over Naharina (Mesopotamia). 1: § 64 b: pḥ3 § 57c. 3: r “more than”. 4: § 106. 5—7: § 127. 7: un § 57. 9: § 125b. *38, 1—39, 4: a god-king speaks to Thutmose III.; the suffix “I”, “my” is usually not written. 4: § 102. 11 tsw and 39, 1 ḫ.w.t: written as plural in accordance with § 36a. *39, 1: (y)ḥm.w “those who know (thee) not” with the antique initial y. 2: ṛn.y § 58. 4: § 128. *39, 5—11: Senmut (*4, 9), favourite of queen Hatshepsut (represented as king), is proud of his exalted position. 10: § 111.

*40, 1—41, 6: Amenemheb relates his warlike deeds under Thutmose III.; the suffix of the first person singular is often not written.

*40, 2: “he wished that”; yṛy § 63. 4: ḫṭ: conjunction “when” with the tense sḏm.f. 8: ym.šn: among the barbarians.

*40—41, 1: § 41. 3: § 59. *41, 7—42, 4: monument which Thutmose III. presented to the high-priest Nb-wC.uy as a proof of favour. 7: dy.w “given”, namely the stone. *42, 2: § 55, 54.

*42, 5—43, 2: Sinuhe relates his fight with a Syrian hero. 6: a hero without his like. 7: “he said that”. *43, 2: war-god Mont (mtw).

*43, 3—44, 8: Sinuhe relates his flight as deserter from the left bank of the Nile to Syria by way of the Egyptian fortresses at the Bitter Lakes. 4: § 141c. 5: § 111; ḫḏ from the way northward to land. 6: § 94, 133. 7: § 63. 8: § 128. 11: n “on account of”. *44, 3: § 55. 4: § 41. 8: § 120. *44, 9—45, 11: a man relates his ship-wreck in the Red Sea. *44, 9: pry.w § 82; yw.n § 134. 10: § 64. 11: nty.w § 141. *45, 1: § 138. 2: § 82. 5: § 132a. 7: § 120. *46, 1—48, 11: a dragon-god appears to the ship-wrecked man and prophecies his deliverance. *46, 2: § 58. 3: § 132b. 11: § 134. *47, 2: § 137 ym-m. 5: § 82. 8: § 55. 9: § 58. *48, 2: from (the number of) the select. 7: § 108. 8: § 126a. 9: ḫy.w.n.k § 120. *49, 1—50, 11: song of
the harper, in the tomb of Neferhotep, who summons to enjoyment of life (in the vernacular § 8 c with article § 41). *49, 2: § 41. 5: ḫpr § 60. 8: wtt. 11: § 100. *50, 1: § 101a. 4: śnḏm.t § 33g. 7: § 136; pfs § 57c. 8: mry § 113a. 11: § 55. *51, 1—53, 11: battle of Rameses II. against the Kheta (Hittites) on the Orontes. Report in the vernacular. *51, 1: § 64. 3: § 80. 4: § 138; ṟḏḏ “thats” 5: § 133. 7: § 141. 9: § 64b, § 128b. *53, 3: § 132b. 4: § 87. 8: 188. 50, 4: “hour” of rage. *54, 1—11: Una elateiy his warlike deeds (ancient language; suffix first singular is usuallu not written). 4: r “more than”. 5: § 81. 6: § 95; first the mate “lis given, then the object. 7: § 130. 8: ḫr-h3.t antique for m-h3. t at the head of” § 62a. 10: ḫr.y.w.סק. 11: § 54, 66b. *55, 1—11: hymn of Amenophis IV. to the sun-god Aton. 1: § 66a. 2: § 70. 5: § 134. 7: § 124a. 8: conjecture “it” after ḫ.Cnḥ § 133, 9: the names of the countries are removed from the sentence and are represented by s(3) nb. 11: ḫry § 63; unm “(corn)-food”. *56, 1—7: a sage gives the king advice how to enjoy himself. 1: § 102, 18c. 3: § 126b. 4: § 105, 110. *56, 8—11: prologue and epilogue of a chapter of the Book of the Dead. 8: § 139. 9: § 133, 68. 10: § 96. 11: § 118.
Index.

(Index in completion of the table of contents.)

<table>
<thead>
<tr>
<th>as consonant § 29a.</th>
<th>Sound-change § 32a.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accusative §§ 21a. 54. 55. 108.</td>
<td>Tense §dmf §§ 91—94.</td>
</tr>
<tr>
<td>Adjective §§ 42—45.</td>
<td>After conjunctions § 64.</td>
</tr>
<tr>
<td>With dependent substantives§42.</td>
<td>Date § 48.</td>
</tr>
<tr>
<td>Used substantively §§ 35. 41.</td>
<td>Dative §§ 21b. 61c. 54. 55.</td>
</tr>
<tr>
<td>Adverb §§ 65—70.</td>
<td>Dental sound § 32b.</td>
</tr>
<tr>
<td>All r-qdr § 44b.</td>
<td>Determinative §§ 11. 17.</td>
</tr>
<tr>
<td>Article § 41.</td>
<td>For compounds § 35e.</td>
</tr>
<tr>
<td>In address § 70b.</td>
<td>In the plural § 38c.</td>
</tr>
<tr>
<td>Attribute §§ 40. 42b. 35c.</td>
<td>In the dual § 39b.</td>
</tr>
<tr>
<td>Auxiliary verbs:</td>
<td>Doubled form see emphatic form.</td>
</tr>
<tr>
<td>ymn, en to be §§ 122—126.</td>
<td>Dual see determinative.</td>
</tr>
<tr>
<td>h to stand § 127.</td>
<td>Duplicating verbs § 73.</td>
</tr>
<tr>
<td>yry to do §§ 128. 129.</td>
<td>Emphasis by means of yn §§ 131a. 61g.</td>
</tr>
<tr>
<td>y3 to have been § 130.</td>
<td>Emphasis in the sentence § 131.</td>
</tr>
<tr>
<td>Causative §§ 76. 78.</td>
<td>Emphatic form: tense §dmf §§ 91—94.</td>
</tr>
<tr>
<td>Circumstantial form §dm.tf § 111.</td>
<td>Enclitic conjunctions §§ 64. 69b.</td>
</tr>
<tr>
<td>Come 75. 101b.</td>
<td>Future § 126.</td>
</tr>
<tr>
<td>Comparison §§ 45. 61b.</td>
<td>Gender:</td>
</tr>
<tr>
<td>Complementary infinitive § 110.</td>
<td>Nouns §§ 20. 43. 46. 50—52.</td>
</tr>
<tr>
<td>Compounds:</td>
<td>Conditional form § 81.</td>
</tr>
<tr>
<td>Substantives §§ 35e. 38.</td>
<td>Suffix-conjugation § 86.</td>
</tr>
<tr>
<td>Prepositions § 62.</td>
<td>Imperative § 99.</td>
</tr>
<tr>
<td>Conditional form §§ 80—82.</td>
<td>Infinitive § 104.</td>
</tr>
<tr>
<td>Conditional sentences §§ 82. 88. 135.</td>
<td>Participles § 114.</td>
</tr>
<tr>
<td>Conjugation (Semitic) § 76.</td>
<td>Relatives § 118.</td>
</tr>
<tr>
<td>Conjugation with suffixes §§ 23. 83—96.</td>
<td>Genitive § 21c. Of the infinitive § 105.</td>
</tr>
<tr>
<td>Conjunctions §§ 60. 64.</td>
<td>Gentilics §§ 42b. 63.</td>
</tr>
<tr>
<td>Hebrew §§ 7. 12.</td>
<td></td>
</tr>
</tbody>
</table>
INDEX.

\( \text{hr} \) preposition \( \S 61d. \)
- With infinitive \( \S\S 106, 124b. \)
- 125b, 122b.
- Imperfect (Semit.) \( \S\S 79, 112. \)
- Imperonal use:
  - of the suffix-conjugation \( \S 87.\)
  - of the infinitive \( \S 109. \)
- Infinitive with \( \text{hr} \), see \( \text{hr}. \)
- Inflection of the verb:
  - by means of personal suffix \( \S 86. \)
  - by means of personal endings \( \S 81. \)
- Interjection \( \S 70. \)
- Interrogative sentences \( \S 137. \)
- Indirect \( \S 136. \)
- \( k \): suffix \( \S 52. \)
  - ending of conditional form \( \S 81. \)
- \( l \) in hieroglyphs \( \S 30a. \)
- \( m \) prefixed to substantives \( \S 35b. \)
- Moods of the verb \( \S\S 79, 91. \)
- \( n \) as consonant \( \S 30. \)
  - Formation of perfect \( \S 23. \)
  - With dative, see dative.
  - With subject of a partic. \( \S 115. \)
- Names of countries fem. \( \S 39Aa. \)
- Names of gods \( \S 18a. \); with ending \( \omega \) \( \S 35d. \)
- Names of kings and titles of kings \( \S 18b. \)
- Negative:
  - of sentences \( \S\S 28b, 138. \)
  - of verb-forms \( \S\S 98, 139. \)
  - Neuter \( \S 39Ab. \) "it" \( \S 54. \)
- Niph\(\text{tal} \) \( \S 77. \)
- Nominal sentences:
  - real \( \S 27. \)
  - unreal \( \S 132. \)
  - with \( \gamma \omega, \omega \omega \) \( \S\S 123-124. \)
  - with \( \pi \omega \) \( \S\S 58, 131b. \)
- Nominal verb-forms:
  - infinitive \( \S\S 104-110. \)
  - participles \( \S\S 1\text{2}-117. \)
  - relative-forms \( \S\S 118-120. \)
- Nominative \( \S\S 21a, 54. \)
- Noun: \( \S\S 35-41. \)
  - Gender \( \S 20. \)
  - Adjectively used \( \S 42a. \)
- Object \( \S\S 25, 55, 108. \)
- Omission:
  - of consonants \( \S 14. \)
  - of weak consonants \( \S 16. \)
  - of endings \( \S\S 36d, 43, 46, 80 \)
  - 97, 99, 114, 118.
  - of suffix of 1st. sing. \( \S 53. \)
  - of words \( \S\S 133, 134-136. \)
- Optative:
  - tense \( \lambda m f \) \( \S\S 88, 93. \)
  - passive with \( \tau \omega \) \( \S 95. \)
- Passive:
  - formation with \( \tau \omega \) \( \S\S 83, 84, 95. \)
  - duplicating form \( \S 94. \)
  - formation with \( \omega \) \( \S\S 83, 84, 96. \)
  - use with \( \gamma \omega \) "since" \( \S 81g. \)
- Perfect (Semit.) \( \S\S 79, 112. \)
- (Egypt.) \( \S\S 23, 84, 89. \)
- Piel \( \S 76. \)
- Plural:
  - of the noun \( \S\S 20b, 36, 37, 38. \)
  - of the imperative \( \S 99. \)
  - of the infinitive \( \S 105. \)
  - of the participle \( \S 114. \)
- Plural-strokes \( \S\S 20b, 36, 37. \)
- Possessive pronoun \( \S\S 22, 52, 59. \)
- Predicate, see nominal sentence.
- Predicative \( \S 97. \)
- Prepositions \( \S\S 60-63. \)
  - As adverbs \( \S 67. \)
  - Gentilic \( \S 42b. \)
- Present \( \S\S 23, 88. \)
- Prohibition \( \S 103. \)
- Pronouns:
  - personal (absolute) \( \S\S 49, 54. \)
  - possessive, see possessive.
  - interrogative \( \S 137. \)
  - demonstrative \( \S 56. \)
  - relative, see relative sentence.
  - reflexive \( \S 49. \)
  - suffixes \( \S\S 22, 52, 53, 59. \)
- Pseudo-participle \( \S\S 80, 82. \)
- \( \pi \omega \) in nominal sentences \( \S 58. \)
- Quality \( \S\S 80, 82. \)
- \( \psi \): as consonant \( \S 30. \)
  - sound-change \( \S 33a. \)
forms adverbs § 86b.
preposition, see vocabulary.
Relative sentences §§ 28. 141.
*r* "to know": conditional § 82.
sound § 32. Sound-change §§
33d. f. 53.
Sentence §§ 25. 28. 131—'41.
Semitic vowel § 16.
Semitic language §§ 7. 12.
Sound-change §§ 33. 19.
Substantive, see noun.
Suffix §§ 22. 49. 52. 59.
With prepositions § 60.
Suffix-conjugation §§ 83—96.
Syllable-signs §§ 10—11. 15.
t-ending of the feminine § 20.
Ending of the adverb § 66a.
t-sounds § 32b.
Sound-change §§ 33e. f. g. 53.
Temporal sentences §§ 134. 88. 90.
64.
Tenses:
conditional §§ 80—82.
suffix-conjugation §§ 83—96.
predicative §§ 97—98.
circumstantial ِِةم.ت.ف. § 111.
That §§ 136. 88.

| ty: ending of conditional §§ 81. 33g. |
| ending of the dual § 39. |
| ending of the gentilic § 42. |
| To be §§ 28c. 27. |
| Transposition: |
| of characters § 14. |
| of consonants § 34. |
| tu: ending of the passive §§ 84. 96. |
| Verb §§ 71—130. |
| Verbal-adjective § 116. |
| Verbal-sentence § 26. |
| Vowels §§ 9. 84. 10. 73. 91. |
| w: weak consonant §§ 16. 29d. |
| sound-change § 33b. |
| ending of masculine noun § 35d. |
| ending of plural §§ : 06. 36. |
| ending of adverb § 66a. |
| in weak verbs § 72. |
| ending of passive § 96. |
| wy: ending of dual § 39. |
| Weak consonants §§ 16. 19. 29. |
| In verb-stem § 72. |
| Words (order of) §§ 25. 55. 131. |
| y: weak consonant §§ 16. 29b. |
| Sound-change § 33a.—b. |
| in the gentilic § 42b. |
| in weak verbs § 72. |
*2

1.  

2.  

3.  

4.  

5.  

6.  

7.  

8.  

9.  

10.
*6

1

2

3

4

5

6

7

8

9

10

11
*22

1. [Hieroglyphs]

3. [Hieroglyphs]

5. [Hieroglyphs]

7. [Hieroglyphs]

9. [Hieroglyphs]

11. [Hieroglyphs]
*26

1

3

5

7

9

11
Roeder, Ägypt. Grammatik.
*34

1

3

5

7

9

11
*37

[Handwritten text in Hebrew script]
Roeder, Ägypt. Grammatik.
*54

1

2

3

4

5

6

7

8

9

10
THE BORROWER WILL BE CHARGED AN OVERDUE FEE IF THIS BOOK IS NOT RETURNED TO THE LIBRARY ON OR BEFORE THE LAST DATE STAMPED BELOW. NON-RECEIPT OF OVERDUE NOTICES DOES NOT EXEMPT THE BORROWER FROM OVERDUE FEES.