AMULETS

ILLUSTRATED BY THE EGYPTIAN COLLECTION IN UNIVERSITY COLLEGE, LONDON

BY

W. M. FLINDERS PETRIE


LONDON
CONSTABLE & COMPANY LTD
10 ORANGE STREET LEICESTER SQUARE WC
1914
CONTENTS

CHAPTER I.

THE PRINCIPLES OF AMULETS.

1. The belief in amulets
2. Meaning of the name
3. Purpose of amulets
4. Five theories of amulets
5. Examples of each theory
6. The doctrine of similars
7. Lower individual beliefs
8. Primitive modes of thought
9. Organic amulets
10. The flux of beliefs

CHAPTER II.

EGYPTIAN AMULETS.

11. Scope of amulets
12. Limitations of the class
13. Growth of funereal amulets
14. Material for study
15. Arrangement of the catalogue
16. Materials named
17. Classification

SYSTEM OF THE CATALOGUE

CHAPTER III.

AMULETS OF SIMILARS. (235)

NO.
1. Head bearded. (3)
2. Face. (25)
3. Usat eye. (2)
4. Eye. (4)
5. Ear. (4)
6. Tongue. (2)
7. Heart. (41)
8. Breast. (3)
9. Arm. (1)
10. Two arms, ka. (1)
11. Hand open. (12)
12. Fist clenched. (17)
13. Fist, thumb between fingers. (2)
14. Two hands side by side. (1)
15. Leg. (16)
16. Phallos. (9)
17. Sna. (4)
18. Frog and toad. (20)
19. Fly. (62)
20. Papyrus sceptre. (28)
21. Papyrus on plaque. (4)
22. Jackal head. (27)
23. Leopard head. (1)
24. Claw. (10)
25. Tooth. (8)
26. Locust. (2)

CHAPTER IV.

AMULETS OF POWERS. (237)

NO.
1. Wagtail, ur. (3)
2. Human-headed bird, ba. (6)
3. Duckling, za. (2)
4. Man's girdle tie, oukh. (7)
5. Nefer. (8)
6. Sistrum. (3)
7. Counterpoise, menat. (6)
8. Head-rest. (12)
9. Za. (34)
10. Square. (12)
11. Plummet. (10)
12. Forked lance. (10)
13. Ostrich plumes. (11)
14. Two plumes, disc and horns. (4)
15. Pair of feathers. (1)
16. Rising sun. (3)
17. Disc of sun. (2)
18. Crowned sun. (1)
19. Bark of the morn. (4)
20. Stairs. (1)
21. Hornet. (4)
22. White crown. (9)
23. Red crown. (17)
24. Double crown on heb. O
25. Vulture and uraeus. O
26. Royal crook. O
27. Royal sedge. (1)
28. Shepherd's stick, hnt. (10)
29. Diso mace. (5)
30. Pea mace. (20)
31. Feathers and scourge. O
32. Uraeus serpent. (19)
33. Man with palms. (3)
34. Bound captive. (8)
35. Figure with necklaces. (1)

CHAPTER V.

AMULETS OF PROPERTY. (81)

NO.
62. Ox head. (18)
63. Cow, legs tied. (7)
64. Gazelle. (1)
65. Joint of meat. (1)
66. Goose or duck. O
67. Dish on mat, hedep. O
68. Altar with cakes. (5)
69. Date. (1)
70. Vase. (16)
71. Collar. (2)
72. Clothing. (5)
73. Royal head-dress. O
CHAPTER IX.

Animal Gods. (442)

204. Ape standing. (7)
205. Ape seated. (4)
206. Baboon. (12)
207. Apis bull. (10)
208. Hathor cow. (6)
209. Hathor cow on square. (5)
210. Hathor head. (5)
211. Ram. (11)
212. Ram's head. (21)
213. Hare. (4)
214. Ibex. (2)
215. Barbary sheep. (1)
216. Kipspringer. (1)
217. Camel. (1)
218. Hawk-headed sphinx. (1)
219. Lion. (15)
220. Two lion fore-parts. (7)
221. Lion's head. (4)
222. Lion and bull fore-parts. O
223. Two bull fore-parts. (3)
224. Cat. (16)
225. Cat in shrine. (2)
226. Two cats on column. (2)
227. Cat and kittens (3)
228. Set animal. (2)
229. Jackal standing. (5)
230. Two jackal heads. (1)
231. Jackal couchant. (8)
232. Shrew mouse. (5)
233. Dog. (6)
234. Pig. (5)
235. Hippopotamus. (5)
236. Taurt. (51)
237. Hippopotamus head. (16)
238. Hedgehog. (1)
LIST OF PLATES

SIMILAR:
I. Parts of Human Body ..... 1–17
II. Animal and Vegetable ..... 18–26

POWERS:
III. Symbolic Hieroglyphs ..... 27–35
IV. Symbols of Ability and Authority ..... 36–50

PROPERTY:
V. Funereal Offerings ..... (60, 61) 62–72
VI. Protection, Celestial. ..... 74–82

PROTECTION:
VII. Mummy, Girdle, Flat Scarab ..... 86–89
VIII. Inscribed Scarab, Backs ..... 90
IX. Inscribed Scarab, Fronts ..... 90
X. Pectorals ..... 91
XI. Scarab with Legs and Wings ..... 92, 93
XII. Vulture, Serpent ..... 94–98
XIII. Cases for Reptiles ..... 99–103
XIV. Horn and Shells. ..... 104–114
XV. Shells, Implements, Figures, Bullae. ..... 115–129
XVI. Forehead Pendants ..... 130
XVII. Knotted Cords ..... 131
XVIII. Knotted Cords ..... 131
XIX. Cords, Weaving, Charm Cases. ..... 131–133
XX. Hypocephali. ..... 134
XXI. Inscribed Stones, Greek. ..... 135
XXII. Inscribed Stones, Non-Greek. ..... 135, 136
XXIII. Inscribed Stones, Semitic, Cross. ..... 136, 137

HUMAN GODS—continued.
XXVIII. Osiris, Heart of Osiris. ..... 157, 158
XXIX. Oracular Busts. ..... 159
XXX. Min to Nefertum. ..... 160–175
XXXI. Human Gods: Dwarfs, Saints. ..... 176–179

ANIMAL-HEAD GODS:
XXXII. Four Sons of Ra ..... 182
XXXIII. Set, Sphinx, Hathor, Khnumu, Bes. ..... 183–188
XXXIV. Bes, Tahuti, Mahes. ..... 189–192
XXXV. Anhur with Tefnut, Sekhmet, Bastet. ..... 193–195
XXXVI. Shu with Tefnut, Jackal, Sekh, Tehuti. ..... 196–203

ANIMAL GODS:
XXXVII. Ape, Bull, Cow. ..... 204–209
XXXVIII. Cow, Sheep, Hare, Lion. ..... 210–219
XXXIX. Lion, Cat, Jackal. ..... 220–231
XL. Shrew Mouse, Dog, Fig, Hippopotamus. ..... 232–237
XLI. Reptiles, Birds. ..... 238–245
XLII. Birds. ..... 246–252
XLIII. Animal Gods, and Various Objects. ..... 253–274
XLIV. Addenda. ..... 
XLV. Addenda. ..... 
XLVI. Addenda. ..... 
XLVII. Addenda. ..... 
XLVIII. Lists of Amulets, Macgregor Papyrus and Denderah.

XLIX. Bronze Gnostic Amulet. ..... 135aa
L. Plans of Amulets on Mummies. ..... 1–5
LI. Plans of Amulets on Mummies. ..... 6–12
LII. Plans of Amulets on Mummies. ..... 13–18
LIII. Plans of Amulets on Mummies. ..... 19–24
LIV. Index to Amulets in Position.
It is intended that this volume shall be the first of a series dealing with various branches of Egyptian Archaeology, based upon the collection at University College.

In the succeeding volumes, the Scarabs, Cylinders, Button Seals, Tools, Glass, Beads and other subjects will be discussed and illustrated, with reference also to other collections.
AMULETS

CHAPTER I

THE PRINCIPLES OF AMULETS

1. The present study of Egyptian amulets is based upon the University College collection, which I have tried to make as varied as possible; some two hundred and seventy different kinds of amulets are here described, together with a summary of those in some other collections, in order to show the numbers and the materials of which amulets were usually made. To understand the purpose of these amulets, it is needful to gain some general ideas from the use of amulets in other lands. The belief in the magic effect of inanimate objects on the course of events is one of the lower stages of the human mind in seeking for principles of natural action; it belongs, as in the intellect so low as to be incapable of clear reason about cause and effect. Yet it has become so ingrained a habit of thought during the vast ages before observation and induction were developed, that it survives the rise of knowledge and reasoning among most people. The use of amulets is by no means equally general in all races; the lowest of mankind—the Tasmanians—had great confidence in the power of amulets, the Shilluks of the Sudan wear them in a bunch, the Arabs have great faith in charms which are worn, and Southern Italy—in our own, as in Pliny's time—abounds in amulets. Strange to say, a large part of the children of the lower classes in England wear them; and the extent to which persons of supposed education will wear charms and mascots is an extraordinary revelation of the real fatuity and savagery of the mind of modern man. Yet other races seem early to have abandoned such thoughtless beliefs. The Veddahs and the Algerians—apart from Arab influence—avoid amulets, and there is no allusion to amulets in the minute personal details of the Icelandic and Norse Sagas. What is now required is an ethnological study of diffusion of amulets, which might throw light on the connections of various peoples.

2. What is an amulet, and why is it used? The name still defines it very well after two thousand years, and shows one line of diffusion of the idea. The Arabic hamulet, a freight, burden, or thing carried, has passed in ancient times into the west, as it had originated the Latin amuletus as early as the time of Pliny. It seems most likely that the name had travelled with the Phoenicians, as they were the only source of Semitic words in the western seas before the Roman age; perhaps Carthage was the intermediary. The amulet therefore means something carried about by the wearer, in order to get some magical benefits from it, apart from any material use. In Egypt such amulets were also put upon the dead for benefiting them in a future existence; and we can hardly deny the name to some kinds of objects copied from personal amulets, and set up stationary in the house. In the records of amulets there is a great confusion with actual medicines, which we should nowadays recognise as acting by natural causes. The line between Nature and magic has been but very slowly defined; and what we look on as mere superstitions were regarded as soundly logical remedies two thousand, or even two hundred, years ago. In extracting ideas from ancient writers it is therefore needful to set aside all internal remedies, and some external ones which might be actually medicinal.

3. The meaning of each of the amulets, and the purpose for which it was carried, is here considered, as that is the real spirit and essence of the subject. Merely to catalogue amulets without any regard to their meaning, is much like collecting pretty shells without knowing anything of the creatures which produce them. The recent works of Prof. Bellucci, of Perugia, on the Italian amulets—ancient and modern—have set an excellent example of the intelligent study of the subject. A paper by Comm. Boni should be noted for its wide view (Nuova Antologia, October 1st, 1912). Various general principles of the purpose of amulets have been proposed, or might be considered. But, so far, the different theories have not been wedded by means of the test of actual instances. There may have been several different principles or starting points for the adoption of amulets, or possibly only one broad idea has developed in various ways. To get some insight upon this, it is necessary to try how far different instances can be explained by each view.
THE PRINCIPLES OF AMULETS

4. The explanations that are the more obvious are five:—
(A) The psychic effect of giving confidence and self-reliance, and the intent to live; with the result that the wearer would be thus fortified to steer through dangers without faltering, or would be saved from that terrible weakening due to fear, which often kills men as surely as knife or poison kills. To possess a charm which would defy tabu would be a vast advantage in lower forms of culture.

(B) The direction of thought to any physical weakness or disease, may have a very beneficial effect on illness; and the possession of an amulet supposed to benefit the patient, may easily act as a faith-healer and promote real recovery.

(C) The idea of a double or alter ego of different organs, connected with them in a mystic way, may be a purpose of amulets. In the tale of Anpu and Bata, the heart of Bata is set in a tree, and anything that happens to it happens also to him. So it might be imagined that a kidney-stone, a blood-stone, an eye-stone, or various other objects supposed to be connected with different organs, would by the care and attention paid to them have a reflex action in strengthening the organ involved.

(D) The provision of a vicarious double, to which evils and diseases may be transferred from the body. An object resembling the disease, or a model of the organ, might be supposed to receive the attacks of the malignant spirits to whom diseases are usually credited, and so save the real person.

(E) The influence often called “sympathetic magic” which might perhaps best be named “the doctrine of similars.” Objects which have a similarity one to another, are supposed to be necessarily connected; they are in touch with the abstract quality or influence which has to be evoked: they generally act by producing a similarity in the person, but otherwise by averting a similarity, on the plea that the event has already taken place, and cannot therefore happen again.

No doubt the great majority of charms and amulets recorded by writers, have merely been selected by reason of casual connection. When any unusual event happened—good or bad—the person looked for some cause in his own surroundings; and if he carried, or did, anything unusual, it was naturally connected with the event. Then, no doubt, there was much theorizing from very mixed assumptions, in order to construct a charm for a given purpose. How far human folly can go in such a way anyone may see in the tangible field of medicine by referring to ancient prescriptions.

When we look at the various possible motives for the use of amulets stated above, we may doubt whether any one motive can account for the whole system, or whether several different motives have not been followed. Can all examples come under one explanation? or how many explanations are needful?

5. The only way to study this is to select test instances, and see whether there be cases which can be explained by only one motive, or only by another. To this we proceed.

(A) The Confidence theory will explain such cases as the wearing of part of a bear in order to give strength (Eskimo), a leopard’s claw to protect from wild beasts (Central Africa), dog’s teeth to protect from a mad dog (Italy), a figure of a siren for security (It.), a lizard with a forked tail to get luck (It.), and the wearing of written charms. But each of these examples can equally be explained by (E), the effect of similars.

Other examples, such as a serpent’s skin worn to guard against the bite of reptiles, might be explained by (C), (D) or (E). Further examples are the figure of a heart worn for heart disease (It.), a lump of red coral for menstruation (It.), concretions and inclusions in stone for pregnancy (It.), which might be equally well explained on any of the five theories.

(B) The Faith theory, or the effect of thought-directing, will explain cases such as the fish worn for fecundity (It.), or the bat’s head worn to prevent sleep (Pliny, xxx, 48); but these may equally be explained by (E), as cases of the effect of similars. The use of galactitis, a soft white stone worked up into a milky diffusion in water, and taken internally for lactation (Pliny, xxxvii, 59), might be explained by (D) or (E). Other cases which might equally be explained by (C), (D) or (E) are the wearing of a red stone of any kind against bleeding; a milk-white stone for lactation; the Dentalium shell for teething; the nephrite stone for the kidneys; the operculum of a shell (“eye of S. Lucia”) for the eyes; an ivory ball like a breast, for lactation; a white and cold ivory tablet for fever (all in Italy); the bones of animals’ heads for headache (Pliny, xxix, 36); the wearing of the yellow Lychnorion stone for jaundice (Pliny, xxxvii, 18), or a tooth for toothache (Pliny, xxviii, 27).

There is another kind of thought-directing, which must not be confounded with the above. Not only may the patient’s thoughts be usefully directed, but also the dangerous thoughts of another person may be diverted away from the person who dreads them, by his wearing some object to distract the attention. In prehistoric times this was done in Egypt by a bright white piece of shell hung on the forehead; in one case a bright piece of sheet copper was used. In modern times women wear in Egypt a bright gilt tubular ornament down the middle of the forehead; and in Damara land a chief’s daughter wore a disc of shell, hung so that she could swing it over either eye (Galton, Travels in South Africa, ed. 1890, p. 63). For the same purpose are the principal amulets against the evil eye in Italy. A faceted rock crystal, or even a bottle stopper, serves to catch the eye and thought of an observer and divert them from the wearer. Similarly the attention is easily diverted to sexual models, both kinds of which are reputed to be powerful protectors. The unquestionable truth of this thought-directing away from the patient has no bearing.
THE PRINCIPLES OF AMULETS

upon the reality of the beneficial direction of the patient's own thoughts, or the Faith theory.

(C) The Double theory, or alter ego, according to which an external double of an organ is so bound up with it that benefits to one are conferred on both, will account for most of the cases named. But where the wearer is unconscious of the amulet, as a tooth worn for teething (Italy, Pliny, xxviii, 78), the foregoing theories, (A), (B), could not hold good, but only the following, (D), (E).

(D) The Vicarious theory supposes that a model worn will receive the attacks of spirits and ward them off the actual person. This—as we have noticed—will account for most of the preceding cases. There are, however, some amulets which are specially to be thus explained, such as the placing of lead amulets on swine to avert suppurative and vermin, the dull, sluggish metal hindering the sluggish evils (Iu); the use of amber which has motes in it, or a white opacity, for the benefit of the eyes (Iu); the wearing of a tongue of a hyena or a dog in the shoe to prevent dogs barking (Pliny, xxvii, 42; xxix, 32); the use of a chilly frog against the chill of fever (Pliny, xxxii, 38); the well-known heart or image pricked with pins or stabbed: all of these may be looked on as vicarious, or else as (E), similars.

Somewhat like this is the scape-goat idea of a victim to carry away the evil, as in the transfer of scorpion poison by speaking in an ass's ear (Pliny, xxvii, 42), or the spitting on a frog which is liberated to remove a cough (Pliny, xxxii, 29).

6. All of the examples of the above theories of amulets we have seen to be equally compatible with

(E) The doctrine of Similars, according to which objects which are closely alike have such a connection that power over one, or possession of one, enables the wearer to influence the other or to command like qualities. Here we at once find many cases which are explained by this belief, but which are not touched by any of the four preceding explanations or theories. One of the most instructive accounts of amulets is that by Rasmussen, describing the Eskimo in The People of the Polar North. The extreme simplicity and directness of the ideas, and the absence of any magical or theistic complication renders this a classical example of the doctrine of Similars. The amulet confers qualities or protects from danger; and—excepting the first case which might be explained on the Confidence theory (A)—these examples can only be reasonably accounted for as Similars. The amulets are: the skin from the roof of the mouth of a bear, worn in a child's cap in order to be strong in danger; the head or feet of a hawk, sown in a boy's clothes in order that he may become a great hunter; a black kullemor's foot, worn to become great whalers; a raven's foot, worn to be satisfied with little; a head of a fox, worn to be cunning and guarded; the head of a kitiwhare (which lays small eggs) put in a girl's clothes that she may give birth to small children; a piece of a hearthstone, which is durable and stronger than fire, worn to give long life and strength; a pebble, which drops swiftly from a high rock, put on the necks of puppies that they may be fleet and strong; the skin of a little axk caught fighting put on a dog that he may be a fighter.

In the Heimskringla (Magnusson and Morris, i, 55—6), there is one of the nearest instances to an amulet in Norse writing: "Swipdag lost take the heart out of a wolf, and roast it on a spit, and gave it thereafter to Ingield, the king's son, to eat; and thenceforth became he the grimnest of all men, and the evillest hearted." This is essentially an instance of Similars.

In Italy the very common use of flint arrowheads or fossil teeth called "thunderstones" to protect from lightning, or serpentine to protect from serpents (also Pliny, xxxvi, 11), can only be explained by Similars. The same idea is shown by putting a dragon's head under the door-sill for good fortune (Pliny, xxix, 20), i.e., trampling on evil influences; also by the frog, transfixed so that it cannot move away, to ensure faithfulness (Pliny, xxxii, 18); while the effect of opposites is shown by the hairs of a she-mule worn for fertility (Pliny, xxx, 49). A complex amulet of watchful animals is that of the eyes of river mule, wrapped with the flesh of a nightingale in a deer's skin, to give watchfulness (Pliny, xxxii, 38).

From these various examples of charms and amulets, which are compatible with the different theories that we have considered, it appears that though some are consistent with each of the theories, yet no theory will explain all of them excepting the theory of Similars, otherwise called Sympathetic Magic. Other theories may give the explanation of some cases; they cannot be disproved as modes of thought. But every case which we have recounted as critical evidence can be the result of beliefs in Similars; and until some different class of beliefs can be proved to have existed, it is only legitimate to accept that belief as the underlying cause of all the uses of amulets which are generally recognised.

7. There is also another class of amulets, which the wearer regards as entirely individual, and which result from a casual observation of what happens to the person when certain objects are present. This is a lower form of belief than that in the general applicability of an amulet; it presupposes no law, but a chance connection which is wholly unaccountable. Yet—strange to say—this least intellectual form of belief is that which appears commonest at present in "mascots," carried by various classes of illogical persons. When we try to see some underlying cause for such a savage survival we may observe that the occupations of the wearers are those which seem most to depend on chance, and least on continuous will. Actors, gamesters and aviators, as well as motor racers, clinging to amulets, and all are dependent upon conditions which are not obviously in their own control. We may smile at the use of basilisk blood to gain success in petitions (Pliny,
THE PRINCIPLES OF AMULETS

xxix, 19); but it was more reasonable to believe in some general law on the matter than to believe in the effect of a man smoking a cigar opposite a theatre door to gain a profitable audience for the play. We may not believe in a star-fish smeared with foxes' blood, and nailed with copper nails over a door to repel evil (Pliny, xxxii, 16); but we see an ex-prime minister wearing a swastika for luck, and talking heartily about it to uneducated boys. While no one now wears the right shoulder of a chameleon to ensure victory (Pliny, xxviii, 29), we yet read of aviators wearing particular trinkets for their safety. On the whole the power of irrational belief seems to have gained, rather than lost its hold in modern times.

8. The primitive mode of thought seems unchanged by all that has past. The untamed mind of man appears to be continually feeling vaguely for different avenues to success; reason is so little developed that belief seems only to be reached by trying blindly in all directions. I have often been surprised at the helpless way in which Egyptians will do things on the chance of success. They will follow some vague rumour—perhaps at third-hand—of a benefit or a gain, merely to see if any good result comes. It seems like the white ants making tunnels in all directions, on the chance of hitting something to eat, without any guide from the senses. This incessant vague searching, whenever it succeeds, produces a belief that any casual connection with other incidents is a real cause of success; the least intelligent think that their success is only individual to them, and cling to any tangible link as a "mascot"; the more intelligent seek for some law, and frame one of the innumerable generalities about wolves' tongues, dragons' tails, or serpents' eggs, which choked the pages of Pliny and many other old writers.

This subject of individual amulets, or "mascots," does not belong to our present work; the distinction should however be observed between this and the general amulet, and we should regard the difference of the much lower grade of superstition from which it originates. The individual amulet regards only chance connection without any law or reason; the general amulet is in the first groping stage of the acquisition of general laws, which eventually lead to the orderly view of organic nature. Both are absurd to anyone with the least real knowledge; yet the one is hopelessly animistic, while the other shows the sense of law, even if entirely misapplied.

9. When we read the pages of Pliny regarding ancient Italy, or Bellucci about modern Italy, we perceive how largely organic objects are adopted as amulets. These, in the nature of things, have been but rarely preserved for long; and even when found their meaning is not easily recognised. A more twig of a tree, or a scrap of fur might be casually left in a grave without a meaning; while a carefully wrought stone or pottery object is clearly intentional. Hence we find what is in any case but a small part of the whole mass of amulets that have been in use. The nature of the beliefs in such things is doubtless in continual flux like all matters which have not been fixed by reduction to a written form. We can hardly realise how the thoughts of early man must have been incessantly shifting and changing their form, like an amoeba. We are so accustomed to reduce ideas to a written definition, which perpetuates them unaltered until they are entirely out of date, and passed by in further growth, that we cannot feel the sense of all ideas fluctuating with the individual. A popular belief, such as that in amulets and charms is one of the last things to be fixed by writing, and hence it has been exposed longer to the waves of changing thoughts. Even Roman law was not crystallized into writing till well into the historic age, and at the other end of the scale of certainties such vague beliefs as those in amulets must have been continually shifting.

10. In Italy at present we see the result of a long course of decay of beliefs. Of all the purposes of amulets, very nearly half are against the evil eye, and these are most incongruous in their nature—shells, claws, horn, teeth, toads, crescents, crystal, agate, madrepore—everything seems equally applicable. This great variety must have originated in very different ideas of connection; the purposes must have been very diverse originally. But all have been blended into one general idea of averting the ill will of another person; and this has passed further into the stage of averting mere ill-luck brought by another person without any intention. Such a jumble of different beliefs into one generality shows that there has been a long time for the details to be forgotten, and for one vague idea to be substituted for the specific observations of chances, out of which a multitude of beliefs had arisen.

CHAPTER II

EGYPTIAN AMULETS

11. The subject of Egyptian amulets is one that appeals both to the reader of folk lore, as well as to the Egyptologist, and hence it is needful here to deal with some elementary details which may not be familiar to one side or to the other.

The whole subject of amulets is an immense one, and there is no general work of reference giving the ideas of various lands. Nor is this intended to deal with other than Egyptian amulets, though many collateral examples
EGYPTIAN AMULETS

are here introduced in order to explain them, and to illustrate their use. Studying thus with a past civilisation we are almost cut off from the largest class of amulets, those of animal and vegetable nature, so that this point of view here is but a partial one. On the other hand the Egyptian was so industrious in imitation, and believed so completely in the virtue of models, that he carried out his ideas in imperishable material more widely than any other people. The great variety of over two hundred and seventy different amulets used in Egypt, and the amount of light thrown on them by statements of their properties, or descriptive names, renders Egypt one of the most favourable lands for a general study of the subject.

12. In handling a subject which ramifies so widely, we must begin by some definitions and limitations. The principle of amuletic virtue extends to most of the sepulchral remains of the Egyptians. The model offerings, pictorial scenes of life, and ushabī figures of slave workers, provided in the tomb, are all based on the principle of Similars; such necessarily differ from amulets worn by the living in their being more extensive, and not suspended from the person. As for the dead, so also for the living, there are some classes of amulets numerous enough to form whole subjects in themselves, apart from their amuletic aspect; such are the scarabs with royal names, with other personal names, with charms, and with devices of unknown purport; also the plaques with similar devices, and the foreign class of button seals. Each of these classes is so important and numerous that we cannot include them in a detailed account with other amulets. Nor is it possible to divide between amulets for the living and for the dead, though many kinds belong exclusively to one or other category.

In general any object with a means of suspension on the person, and not of immediate use or ornament, must be classed as an amulet. The figures of the gods with loops for suspension we include as amulets, while those which were stood on a base must be treated along with all other images of deities. Unfortunately the detail of the suspending ring or hole is not noted in catalogues; where following descriptions, I have therefore accepted all figures under two inches high (05 m.) as amulets, and left larger figures apart. The great development of amulets for the dead is peculiar to Egypt; elsewhere they are found, but not with such variety and detail. In China the substitutes of paper or pottery figures of slaves, and paper dollars, is of the same purpose; but the great extent of symbolic amulets in Egypt is unparalleled.

13. The stages of the growth of the amulet system in Egyptian burials can be historically traced more completely than elsewhere. (1) In the earliest graves, such as the prehistoric, whole objects were buried. (2) In the later prehistoric and early historic time, the objects were deliberately broken or "killed." (3) In the early dynasties models of objects appear; besides the jars of grain there are small model granaries; besides the jars of beer and joints of meat here are models of food; and, in the Xth—XIth dynasties, besides the tomb there is the model of a dwelling house and furniture. (4) Beginning in the early pyramid age there are the sculptured objects in relief, where the master is portrayed as "beholding" all his farm and servants in full activity, and hunting in the desert or on the river. (5) As the model was succeeded by the relief, so that was succeeded in turn by the painting, beginning in the VIIth dynasty, and fully developed in the XIXth. (6) Symbols were then substituted for the objects such as the model altar, or vase, or food, placed as an amulet with the body. (7) Besides amuletic substitutions for real objects, amulets were adapted to confer powers, such as the crowns, or sceptres, or verbal charms stating that the deceased was a god and must be obeyed as such. The wish to have actual objects buried still lasts in Egypt where food and even a bed may be placed with the dead. In England the same feeling is by no means extinct, as in 1912 a boot maker ordered that there should be buried with him a last, hammer, nails, unfinished boots and a piece of leather.

It appears that we must define amulets broadly as objects worn by the living, without any physical use but for magical benefits, or placed with the dead, or set up in the house for its magical protection, apart from deities for household worship.

14. The material used for the present study is mainly the collection which I have made during the last thirty years in Egypt, now taken over by University College. At first a collection purchased by a visitor or worker in Egypt is naturally miscellaneous and casual; gradually certain lines claim more interest, and besides the main pursuit of scarabs, tools, technical work, weights, and pottery, the curious variety of out-of-the-way amulets has proved attractive. Further information was also obtained from the regular excavations as to the positions in which amulets are found upon the body, and the detailed accounts of such here recorded are almost the only observations yet published on this matter. The dates of various amulets were also obtained from excavations, and in this—as in other subjects—the miscellaneous material purchased is immensely enhanced in its meaning and interest by the precise information gathered in scientific work. While the commoner amulets are illustrated by splendid examples in the national collections, there is no series nearly as complete as the present one for the rarer and more obscure amulets, only ten being absent.

Besides this collection many early discoveries and purchases of mine went to Miss Edwards for her collection, bequeathed to University College; these, along with other objects from my excavations that have been presented to the college, are all included in the present catalogue. In order to preserve a record, the number of examples in the original Edwards collection is marked E, and those added by the Petrie collection and discoveries are marked P. Of course, nothing resembling finality is possible in this, or any other, branch of archaeology; but the time has come for
taking stock of the subject, classifying the various details, and making a platform for planning further investigations and seeing clearly the value of any fresh information.

Other collections have been referred to, partly from catalogues published, such as the excellent ones of Turin, St. Petersburg, and Cairo. The difficulty in using such is partly the result of some information; in the Turin and St. Petersburg catalogues the details of form are often vague; in the Cairo catalogue the drawings are ample, but the nature of the material is very imperfectly stated. Of the British Museum there is no detailed catalogue, and the excessive reflection from double glass often makes the material indistinguishable. It is hoped that the photographs here given of nearly all examples, and the definition of the material, will leave but few uncertainties. It should be noted that in many types this collection has been severely weeded, so as to omit duplicates where of no additional importance; whereas the national collections, by their conditions, are swelled by numerous duplicates, kept for their beauty and attractiveness, or obtained as part of large acquisitions. The scientific value of a collection depends upon the scope and variety of it, rather than on the brilliance of particular specimens.

15. In the treatment of this catalogue, the figures which may have diverse meanings—such as the vulture—are nevertheless classed together, as it would be difficult, or impossible, to determine in all cases which was the intended meaning. Such figures are therefore placed under the first important heading to which any of them may refer, with cross-references from other headings. It is needless to give minute verbal descriptions or dimensions, when the photographs are before the reader, and are of the actual size, except in a very few instances which are specially noted. The first principle of a modern catalogue is to have full and clear pictures of every object, and then to build upon that such description as is needful to supplement the picture. Unhappily all existing catalogues—including that of Cairo—have begun at the wrong end, with a verbal description supplemented by a picture. The modern conditions of illustrations developed in the last few years have completely reversed the old idea, and there is no excuse now for burdening a reader with a description of what can be grasped with a tenth of the time and thought in a picture.

The principle of the arrangement of this catalogue is that it should follow the real life of the subject—the meaning attached to each amulet—rather than any external feature of form or material. These meanings of the amulets are given by various sources; principally by (A) the chapters of the Book of the Dead which refer to the amulets; (B) the very full list of seventy-five amulets, with their explanatory names, in a papyrus of that Book, belonging to the Rev. William MacGregor, which is here transcribed from the photograph published by Dr. Capart (Z. A. S. xlv, 14); (C) the analysis of the objects represented upon coffins in Cairo, published by M. Lacau (Sarcoptages antérieurs au nouvel Empire, 1904, Cairo); (D) various scattered allusions and mythological references and figures; and (E) references from other countries, which may help us to understand the idea when no explanation remains in Egypt.

16. The amulets named in the MacGregor papyrus are each stated to be of gold, which is omitted in the copy here given. There is also a list of amulets of Osiris given on the upper part of the temple of Denderah, and copied here (pl. xlvii) from the publication by Mariette, Denderah, iv, 87. They are there classed according to their material, and after each name of material a dividing line is here inserted. The materials named are Uher or Heru, which, by the nature of the amulets and coming first, is probably gold, perhaps a form of the Greek Khýros. An. en. deb, probably “stone of Edfu”; the house sign in Mariette’s copy is probably the square block of stone. Meškat, Meškat Amen, Meškat of Kharu (Syria): this was a green mineral in general, including turquoise, malachite, and probably chrysocolla: that from Amen was probably western, from Kharu, Syrian. Nesheii is green felspar. Kartef? of Rutennu (Syria), unknown. Sef. s. taken? Sef is the name of white quartz (Kenneud tablet), and taken is amethyst; this is therefore amethystine quartz. Shebet, a late form of Khenedeb, lazuli. Kef. ankh, alabaster. Qo or Qedu is unknown, another form is Qy; being used for the plummet and square which are usually of haematite, this was probably the material. Seker, the “charming” stone, is unknown. So also is Behet. Khenem is usually jasper, as it is the material of the girdle tie amulet, but it is worn on the Kenneud tablet. The reference numbers of the amulets in this volume are put below each column.

17. On examining the two hundred and seventy different kinds of amulets found in Egypt, there are only about a dozen which remain uncensed, and without any known meaning; these are dealt with last of all. The various ascertained meanings may be completely put in order under five great classes, in which the amulets are here arranged. These are (I) the amulets of Similar, which are for influencing similar parts, or functions, or occurrences, for the wearer: (II) the amulets of Powers, for conferring powers and capacities, especially upon the dead; (III) the amulets of Property, which are entirely derived from the funeral offerings, and are thus peculiar to Egypt: (IV) the amulets for Protection, such as charms and curative amulets: (V) the figures of Gods, connected with the worship of the gods and their functions.

As international names are desirable in dealing with any scientific classification, and one word is preferable to a description when handling a subject, it is best to have a proper name for each class, independent of English. The Similars may be termed Homopoeic (from ὑμός, like, or same, and ποίημα, I do, or make); the amulets of Powers we call Dynatic (from δύναμις, able, powerful, adequate); the Property amulets Ktëmatic (from κτήμα, goods, possessions); the Protective amulets, Phylactic (from φύλακτος, fitted to guard,
familiar in the term "phylacteries"); and the amulets of Gods, Theophoric (from God, god, and I bear, or wear).

Our classes then are called here amulets of

- Similars, or Homopoeic.
- Powers, or Dynatic.
- Property, or Ktematic.
- Protection, or Phylactic.
- Gods, or Theophoric.

Of these classes the Similars are undoubtedly the most primitive, being found among races like the Eskimo who have no other amulets, and being the basis of the Italian ideas of amulet. The Powers and Property amulets are entirely Egyptian, and originate with the models of the funeral furniture, arising, therefore, after the development of the funeral system. The Protective amulets are a later class, depending on quasi-medical ideas, or verbal incantations or prayers written down. Lastly, the figures of Gods belong to the age of a developed theology. The list of all these amulets of each class is here given, in the Contents of this volume. For purpose of reference each kind of amulet has a number assigned to it, the same in the text and in the plates; each separate specimen shown has a letter added to the number as 6k, 15c, and duplicates which are here stated without illustration have a second number as 6k2, or 15c 3.

The transliteration of Egyptian is that followed in the Student's History, except that the arm, ain is rendered by its historical equivalent o. For the reed, a is continued, as its written equivalent is aleph whenever rendered in Semitic names, and the value i or y is a theoretical early stage, of which not a single transliteration is known. The golden-headed vulture is short a. For very familiar names the usual forms are retained, as Isis, Horus, Ra, etc.

In the record of specimens, groups are numbered which have been found together; a list of such groups is placed at the end of the volume.
SYSTEM OF THE CATALOGUE

Name, is the ancient Egyptian name, with reference when not in dictionaries.

Meaning, is the Egyptian meaning if known; also that in other lands for comparison.

Period, is stated in dynasties, I to XXX.

Figures, describes the figures in the plates from amulets in University College. The number of the class of amulet is stated: the following letter refers to the specific example; where a number follows the letter it refers to duplicates of the lettered examples, not usually figured in the plates.

Material, includes the total number of examples of each material in this collection and in others which have been published or noted. One new term is used for indurated mud or ash, which is of the composition of slate, but without a slatey fracture. As no usual word was available, it is here called Durite; it has been usually confounded with the fused rock, basalt.

Collection, states the number of examples in each collection, to show how far common the amulet is. Univ. Coll. refers to the collection at University College, London, catalogued here; after it with P. is stated the number collected by Petrie, with E. the number by Miss Edwards, mainly also collected by Petrie.

The principal books referred to are:

Bell. Bellucci, Dr. Giuseppe, Catalogo ... della Collezione inviata all' esposizione ... di Torino. 1898. 104 pp.


Lanz. Lanzone, R. V. Dizionario di Mitologia Egizia. 1812 pp., 408 pl.

Lacau. Lacau, Sarcofages antérieurs au nouvel Empire. 1904.


The Athens collection is from my notes. The Murch collection (now in New York) is from the notes of Mr. A. C. Mace.
CHAPTER III
AMULETS OF SIMILARS

Homoporic Amulets, 1—26.

This class of amulets is the most primitive in its nature, but in Egypt it was mainly adapted to the service of the dead. In order that the various functions of life should be continued, models of the different parts of the body were placed with the mummy. Thus the amulets would ensure the seeing, hearing, taste, force to act, use of the hands and the feet, and other functions. Other similars would ensure growth and flourishing, watchfulness, and protection from wild beasts. In this way the safety, well-being, and activity of the dead in a future life were secured by the appropriate similar placed with the body. These amulets are classed here as parts of the body, from the head downward (1—17), and then the animal figures which would ensure the welfare of the body (18—26).

1. HEAD BEARDED.

Name. Tep is the name of the bearded head from the earliest times. In the hieroglyph the head is turned up at the end, like the beard of the men of Punt, and the hair is worn long; this seems to be an earlier type than that of the historic Egyptian.

Meaning. The chief or head-man, but possibly referring, as an amulet, to the power of the senses.


Period. XXV—Ptolemaic (?).

Figures. 1a, blue-green glaze, bluer in hollows, flat back, loop broken from top; 1b, yellow green glaze, face front and back, notch between two beards; 1c, amber head (of child?) and shoulders. See as 1b from Saft, in Hyksos and Israelite Cities, xxxvii a.

Materials. Green glaze 2, 1c Amber.


2. FACE.

Name. This means the face, always figured front view, with a short, wide beard, different from that of Tep. See the foreign figure in Hierakonpolis, pl. i.

Meaning. While as a hieroglyph it means "facing" or "over-against," it is probably used as an amulet of the power of the senses.

Varieties and Period. In the Old Kingdom it is usually roughly cut in carnelian or sard. In Roman times it is made in black steatite without a neck.

Figures. 2a, carnelian, group 1; 2b, carnelian, group 2; 2b 2, green felspar, group 9; 2c, carnelian, group 3; 2d, e, bone, group 5; 2f, blue glaze, group 12; 2f 2, carnelian, group 7 (2a to f about VIth dynasty); 2g, blue glaze, black lines, XVIIIth dynasty; 2h, onyx rudely cut as a face, Roman (?); 2j, black steatite, Roman; 2k, 1, pl. xliv, black steatite, Roman.

Materials. Carnelian 10, Black steatite 3, Blue glaze 2, Bone 2, Green felspar 1, Onyx 1.


3. UZAT EYE.

Name. The uzat eye is that of Horus, the markings below it being derived from the feather pattern on a hawk's cheeks.

Meaning. As the eye of Horus it will be dealt with under 138 to 142. Here it is to be included as being placed upon the left side of the coffin, opposite to the head, in order that the deceased might have the power of seeing out. The deceased being identified with Horus, he is able to see by means of the eye of the god.

Varieties. Sometimes inlaid with obsidian, white limestone, lazuli, blue glass, or copper, in the wood of the coffin. Otherwise painted on the coffin.

Period. Inlaid in XIth dynasty, from Assut 28,118 (Cairo), from Dahshur 28,100 (Cairo); painted in IVth, Tarkhan; and XIth, Rifeh (Manchester) (Gizeh and Rifeh, pl. x a); and many in Cairo.

4. EYE.

Name. Aari.

Meaning. The power of sight.

Varieties. Single, or three together.

Period. XXIII (?), Roman.

Figures. 4a, green glaze; 4a 2, gold foil found at Hawara, Roman; 4b, blue-green glaze; 4b 2, same; 4b 3, same, in a square.


AMULETS OF SIMILARS

5. EAR.

Name. Meszer, "Producing the distant," a functional name.

Meaning. The power of hearing; when a mummy amulet, for conferring hearing; when on a prayer tablet, for gaining the ear of the god.


Period. XVIII.

Figures. 5a, b, blue glaze, flat back, pierced with hole for suspension; 5a 2, full blue glaze; 5c, green glaze on schist. For tablets see Memphis I.


6. TONGUE.

Name. Nes.

Meaning. Power of speech.

Period. Roman.

Figures. See Labyrinth, xxxvi, p. 36.

Material. Gold.

Position. In mouth.


7. HEART.

Names. The physical heart is named ab, and also hati—the chief part—as referring to the will; but the amulet of the heart is named opert on the coffins, and in the title of the chapter (Lacau, p. 125). The chapters relating to the heart in the Book of the Dead are the 26th, to be engraved on lazuli, "Whereby the heart is given to a person in the underworld"; the 27th, to be engraved on green felspar, "Whereby the heart of a person is not taken from him in the underworld"; the 28th and 29th with the same title; the 29th B, "Another chapter of the heart upon carnelian. I am the Heron, the soul of Ra, who conducts the glorious ones to the Duat. It is granted to their ba to come forth upon the earth, to do whatsoever their ka willett. It is granted to the ba of the Osiris N to come forth upon the earth to do whatsoever his ka willett." This chapter is referred to by the figure of the heron or akhet bird upon the backs of some hearts and heart scarabs. The 80th chapter is that inscribed on the heart scarabs, and will be given under 90, the heart scarab.

Meaning. The power of living and will. In Italy a heart of bone is worn against the evil eye and heart disease (Bell, xii, 10; xiii, 11, 18).

Varieties. A, plain without side projections. B, with side projections of arteries. C, with marks on the front, as figs. 7m, o. D, with the akhet bird, representing the spirit or illumination which resides in the heart, as fig. 7n. E, with the sun's disc over it, as 7g.

Period. In VIIth, carnelian, but rare; in XVIIIth, of carnelian, gold or glass; very common in various materials in XXVIIth. Ptolemaic.

Figures. Type A, 7a, 7b, 7bb (pl. xlv), carnelian; 7a 2, calcite; 7a 3, green felspar; 7c, clear green glass with yellow and white stripes, XVIII; 7cc, gold (pl. xliii); 7d, violet glaze, with wreath and lotus pendant upon it, possibly a vase model, XVIII; 7e, red and white jasper; 7f, red and white breccia; 7f 2, red and white breccia burnt brown; 7g, see type E; 7g 2, blue paste; 7h, light blue glass; 7b 2, blue glass, Zuweleyen; 7h 3, grey serpentine; 7h 4, red glass; 7j, lazuli; 7j 2, green volcanic ash; 7j 3, serpentine; 7j 4, basalt Zuweleyen; 7j 5, brown steatite; 7j 6, black steatite; 7j 7, green glaze; 7j 8, bronze; 7j 9, 10, white limestone (8, 9, 10, Nebabei); 7k, dark brown jasper; 7k 2, black and green serpentine, 7k 3, sard; 7k 4, blue-green glaze; 7l, blue glaze, trace of wreath round shoulder, XVIII; 7l 2, (pl. xlv), green glaze, Ilahun, XXII; 7m, violet glaze, with bright blue inlay of crescent and heart sign; 7n, rough blue glaze, Ptolemaic, Denderah, group 21. Type C, 7o, light green glaze, same marks on both side; 7o 2, dark blue glaze, same marks. Type D, 7n, blue glaze, Ptolemaic, Denderah, group 26; 7n 2, blue glass, burnt. This type appears also in the heart scarabs, where the akhet bird is figured on the back. Type E, 7g, calcite.


Positions. 6 on neck; 2 on left breast; 15 from top down to low on chest.


8. BREAST.

Names. Menx.

Meaning. Power of lactation. An ivory ball is worn in Italy for the increase of milk (Bell, xii, 11).

Varieties. Flat to rounded.

Period. All Ptolemaic and Roman.

Figures. 8a, wax gilt, Denderah, Ptolemaic, group 20; 8b, blue glaze with black nipple, Denderah, Ptolemaic, group 21.

Materials. Blue-green glaze 1, Gold foil 1, Wax gilt 1, Wood gilt 1.

Position. On breast.

Collections. Univ. Coll. P. 3,
AMULETS OF SIMILARS

9. ARM.

Names. Bent Qeb; forearm Remen.
Varieties. A, bent; B, straight.
Period. A VI.
Figures. Greenish-blue glaze. Type B, green glaze, Turin.

10. TWO ARMS.

Name. Ka, from Ist dynasty onwards; implying the activities of the will.
Meaning. The power of will and intention.
Period. XVIII.
Figure. 10a, blue glaze, flat back; 10a 2, green glaze, Riqqeh, 257.
Material. Blue or green glaze.

11. HAND OPEN.

Name. Det.
Varieties. Right and Left.
Period. VI.
Figures. 11a, bone, group 6; 11b, c, d, carnelian; 11e, f, green glaze; 11g, green glaze, Zaraby. See Deshashch, xvi, 4, 10, 13; 2 of carnelian; 1 grey agate.
Position. Wrist.
Collections. Univ. Coll. P. 12, Brit. Mus. 5, Turin 4, Cairo 4, Murch 3, Price 3. Of those where the side is noted there are 12 right hands, 10 left hands.

12. FIST CLENCHED.

Name. Khefo.
Meaning. Vigorous action, as in the determinative hieroglyph of action.
Varieties. Right and Left.
Period. VI; 12d, e, Roman.
Figures. 12a, sard, group 3; 12a 1—3, sard, group 1; 12a 4—6, sard, groups 6, 7, 8; 12b, sard, group 3; 12b 2, group 1; 12b 4, green felspar, group 3; 12c, bone, group 13; 12e 2—4, sard, group 1; 12e 5, group 3; 12d, steatite, crescent and other signs on base; 12d 2, steatite bird on base; 12e (pl. xlv), steatite, crescent. This type, 12d, e, seems to be Roman, under Syrian or Asiatic influence. See Deshashch, xxi, 17, 19, 20, 24; 3 of carnelian: 1 brown limestone.
Materials. Carnelian 23, Steatite 2, Blue glaze 2, Green felspar 1, Brown limestone 1, Bone 1.
Position. Wrist.
Collections. Univ. Coll. P. 17, Price 3, Brit. Mus. 2. Of those noted there are 15 right fists, 5 left fists.

13. FIST, THUMB BETWEEN FIRST AND SECOND FINGERS.

Name. Unknown.
Meaning. Sexual power (?). Against evil eye in Italy, BULL., xv, 11.
Varieties. Right and Left.
Period. Roman.
Figures. 13a, dark blue glaze; 13b, dark blue glaze with yellow points, group 22.
Materials. Blue glaze.

14. TWO HANDS SIDE BY SIDE.

Name. Unknown.
Meaning. United action (?)
Period. VI.
Figure. 14, blue glaze, Mahasna, tomb 18.
Material. Blue glaze.

15. LEG.

Name. Uort.
Meaning. Power of walking. In Italy a leg carved in bone is an evil eye charm (Bull., xiii, 13).
Period. Vth and VIfth dynasties.
Figures. 15a, carnelian whitened, showing ankle bone, left leg; 15a 2, smaller, group 2; 15b, carnelian; 15b 2, light brown glaze; 15c, light red agate, showing heel; 15c 2, similar, smaller; 15c 3, sard, group 7; 15d, milky and brown agate; 15e, sard; also 15e 2, 3; 15e 4, group 1; 15e 5, 6, group 2; 15f, sard, group 14.
Materials. Sard or Carnelian 21, Glaze 1.
Collections. Univ. Coll. P. 15 (groups 1, 2, 7, 14), Murch 4, Brit. Mus. 3.

16. PHALLUS.

Name. Moza, Moza-kherti entire (MacG. 40).
Period. Only Roman.
Figures. 16a, blue glaze with yellow; 16b, red glass, and 16b 2, group 23; 16c, d, gold, Memphis, group 27.
Materials. Gold 2, Green glaze 4, Green glaze with yellow points 1, Red glass 2, Haematite 1.
Collections. Univ. Coll. P. 5 (groups 23, 27), E. 2, St. Petersburg 2. The whole figures (16c, green glaze) are entirely of Graeco-Roman age, and there is no trace of any such amulet in use by Egyptians. Univ. Coll. P. 1, E. 1, green glaze.

17. SMA.

Name. Sma, "union" (Lacau, 80); also By, "joy" or "ecstasy" (Lacau, 88); comp. French "fille de joie."
Meaning. Union, see earliest form 1st dynasty, Royal Tombs, ii, II.
Period. Form figured on VI—XIII coffins as an emblem; amulets all of XXVI.
AMULETS OF SIMILARS

Figures. 17a, b, c, e, obsidian; 17d, black porphyry.

Materials. Obsidian 25 (?), Haematite 2, Black porphyry
1, Yellow limestone 1.

Position. Base of stomach, umbilicus.

Collections. Cairo 16, Univ. Coll. P. 5, Turin 2, St.
Petersburg 2, Alnwick 2, Price 2.

18. FROG AND TOAD.

Names. HeqT=Rana, Frog. Abnekh for Ab-nekhekh,
"spotty old man"=Bufo (?) Toad.

Meaning. The taddpole is the hieroglyph for 100,000.
The frog is the emblem of Heqt, the goddess of birth, and
it would appear to symbolise fecundity. A bowl with frogs
modelled all over the interior and round the edge, found at
Tell Rotab (Hyksos and Israelite Cities, pls. xxxii, xxxiv B),
might well be for giving potions against sterility. There
is, however, another meaning suggested by a frog-pattern
lamp, with the quotation "I am the Resurrection" (Ianzone,
Diz. Mit. 853), which has been accepted as indicating the
meaning of the frog. As however the frog is one of the
commonest types of lamps (Roman Ehnaya, pl. liii, lixiv),
there may be no connection between it and a text quoted
on the lamp.

Varieties. There appear to be two more species repre-
sented, a wide form, the toad, with the legs hidden by the
body, Bufo viridis; and a slender form, the frog, with the legs
outstanding, and often ribboned down the back, Rana masca-
reniensis. These are not however generally distinguished in
collections. We may note separately
A. Single frog. B. Group of three frogs. C. Group of
four frogs.

Period. Many examples are known from the prehistoric
times, as 18a, b; others in the Old Kingdom, as 18f;
many in the XVIIIth and XXIIInd dynasties, as 18j, k; and
some in the XXVth.

Figures. 18a, Bufo, hard grey steatite; 18b, Rana (?),
greenish-grey serpentine; 18c, Bufo, ivory, prehistoric;
18d, cut on a Nerita shell; 18e, limestone, Hawara, XII; 18f,
limestone, rude rolls, and wax pattern on base, Hawara,
XII; 18g, Rana, bronze; 18h, Rana, bronze; 18j, Rana,
bright red glazed pottery, yellow eyes, late XVIII; 18k,
Rana, green glazed, XVIII; 18l, 2, Rana, violet glazed, sa sign
on base, XVIII; 18l, Bufo, calcite, group 13, Vith dynasty;
18m, Bufo, black and yellow serpentine; 18n, green felspar;
18o, green glass, two latter for inlaying; 18p, four frogs on
base, blue glaze, black marks, two crocodiles, head to tail,
incised on base.

Materials. Green—Glazed pottery 38, Glazed stone 3,
Prase 3, Green felspar 4, Green jasper 2, Glass 2. Other
colours are much less common; Lazu 5, Carnelian 7,
Bronze 4, Quartz crystal 2, Serpentine 3, Steatite 2, Lime-
stone 3, Diorite 2, 1 each of Haematite, Chaledony, Agate,
Amethyst, Porphyry, Calcite, Violet glaze, Red glaze,
Ivory, Shell. See Deshasheh, xxvi, 25.

Position. On neck (1); on chest (7); right arm (1);
lower part of stomach (1).

Collections. Cairo A 38, B 1, C 1, Univ. Coll. P. 20,
St. Petersburg 14, Murch 11, Turin 10, Alnwick 10, Price
9, Athens 4, Edinburgh 1.

19. FLY.

Name. Ojs (Z. A. S., 1888, 78).

Meaning. The collar of gold flies, given to a very active
fighter in XVIIIth dynasty (Breasted Records, ii, 23, 585,
587) suggests that the fly was an emblem of activity or
swiftness; the manner in which the decoration is named
almost indicates that there was a corps of aides de camp
thus decorated. The great collar of gold flies found with
the jewels of Aah-hotep and Kemes is in Cairo.

Varieties. The fly with rounded wings appears distinct
from a sharper-bodied form with pointed wings.

Period. Prehistoric, XII and XVIII.

Figures. 19a, green serpentine; 19b, e, pink limestone,
prehistoric; 19d, d, 2, red jasper; 19o, gold, XVIIIth dynasty;
19f, black glaze; 19f, 2—12, blue paste, Kahun, XII; 19g,
green glaze, Kahun, XII (pl. xlv); 19h, green glaze (pl.
xlii); 19j, string of yellow glaze, late XVIII. See also
131c, 19k, dragon fly, XII, Kahun (xlv).

Materials. Yellow glaze 30, Blue paste 13, Gold 4, Green
5, Lazu 3, Jasper 2, Pink limestone 2, Green porphyry 1,
Serpentine 1, Glazed steatite 1.

Position. Necklaces.

Collections. Univ. Coll. P. 52, Murch 6, Brit. Mus. 2. See
Naqada, pl. iviii.

20. PAPYRUS SCEPTRE.

Name. Uaz (MacG. 50).

Meaning. Flourishing, as of green plants; youth.

Chapter 159 of the Book of the Dead reads:—"The chapter
of the column of green felspar put on the neck of the
deceased. O thou who comest out every day, in the divine
house, she who has a big voice, who goeth round . . . she
takes hold of the potent formule of her father, the mummy
which is on the bull. She is Renet."

Period. XXVI—XXX, the age when the goddess Uazet
was most worshipped.

Figures. 20a, black and white glass, Tahutmes III; 20b,
black, white and yellow glass, XVIII; 20c, e, 2, green glaze;
20d, d, 2, d, 3, green glaze faded; 20e—e, 10, green glaze, 20f,
green-gone-brown glaze; 20f, 2, haematite; 20f 3—5, green
felspar; 20f 6, 7, green glaze; 20g, brown limestone; 20g 2,
dull green calcite; 20h, blue glaze, XVIII (?). A stem of the
sceptre, like 20c, green glaze, yellow leaves, is inscribed
Khonsu nefer hotep upt renpet nefer. "Khonsu-nefer-hotep
open a good year." See green felspar amulet of Khemaus
(Mariette, Scrip. xx, iii).

Materials. Green glaze 38, Blue glaze 35, Green felspar
16, Beryl 4, Prase 2, Green diorite 2, Green calcite 1; thus
more than two-thirds are green or blue. Of other colours
there are Haematite 14, Lazuli 8, Carnelian 2, Basalt 2, Blue glass 2, Black and white glass 2, Gold 1, Serpentine 1, Schist 1, Steatite 1, Brown limestone 1.

**Position.** Forehead (1); throat (1); top and middle rows on chest (11); stomach (1, Denderah), or low on stomach (2, Nebesheh, Abydos).

**Collections.** Cairo 45, Turin 34, Univ. Coll. P. 17, E. 9, St. Petersburq 18, Price 10, Alnwick 8, Athens 4, Murch 3, Edinburgh 2.

### 21. PAPYRUS ON A PLAQUE.

**Name.** Uaz.

**Meaning.** To be as durable as neshem stone—green felspar. Chapter 160 of the Book of the Dead is as follows: "Giving the column of green felspar. I am the column of green felspar, which cannot be crushed, and which is raised by the hand of Tabutti. Injury is an abomination to it. If it is safe, I am safe; if it is not injured, I am not injured; if it receives no cut, I receive no cut. Said by Tabutti, arise, come in peace, lord of Heliopolis, lord who resides in Pt. When Shu has arrived, he found the stone at Shenemu, as its name is neshem." He (deceased) makes his abode in the enclosure of the great god; whilst Tum resides in his dwelling, his limbs will never be crushed.

**Period.** As these are always of hard stone they probably belong entirely to the XXVIth dynasty, before glass became common for amulets.

**Figures.** 21a, green felspar, fine colour, incised; 21b, dull green felspar, in relief; 21c, dull green felspar; 21c 2, half as large again, dull green felspar.

**Materials.** Green felspar 21, Beryl 3, Serpentine 1, Sard 1.

**Position.** Throat (1); Middle of chest, and shoulders (5).

**Collections.** Cairo 10, Alnwick 5, Turin 4, Univ. Coll. P. 4, Price 3, St. Petersburq 3.

### 22. JACKAL HEAD.

**Name.** Unknown.

**Meaning.** To find the way in the future world, as the jackal was "the opener of ways" (up-natu) in the desert: or perhaps for watchfulness.

**Period.** V.—VI.

**Figures.** 22a, bone, group 8; 22b, yellow sard, group 3; 22c, calcite, group 13; 22c 2, carnelian, group 7; 22d, pink steatite. 22d 2, minute carnelian, group 10; 22e, bone; 22e 2, carnelian, group 7; 22f, carnelian; 22f 2, same, ruder, group 1; 22g, green felspar; 22g 2, green felspar, group 30; 22h, j, green limestone; 22 k, carnelian; 22 l, m, n, o, blue glaze, Zaraby, VIth dynasty; 22p, ebony, pl. xiv.

**Materials.** Sard and carnelian 16, Blue glaze 8, Green felspar 2, Green limestone 2, Lazuli 1, Bone 1, Wood 1.

**Position.** Wrist.

**Collection.** Univ. Coll. P. 27.

### AMULETS OF SIMILARS

#### 23. LEOPARD HEAD.

**Name.** Pch.

**Meaning.** Valour, as in the title ao pehti, "great and valorous." Possibly used for protection from wild beasts.

**Period.** V.—VI.

**Figures.** 23, blue paste, Mahasna, tomb 461. Desheshk, xxvi, 1 lazuli.

**Materials.** Lazuli 1, Blue paste 1, Green glass 1.

**Position.** Wrist.

**Collections.** Univ. Coll. P. 1, Turin 1.

#### 24. CLAW.

**Name.** Ogat.

**Meanings.** Leopard's claw used for protection from wild beasts, Central Africa (Leicester Museum). Cray fish claw against evil eye (Bell., xi, 9). Elk's claw (Bell., xiv, 9).

**Period.** Prehistoric, Roman.

**Figures.** 24a, red porphyry; 24b, c, green serpentine; 24d, e, f, green serpentine, probably claws; all the previous, prehistoric; 24g, sard, Mahasna, tomb 386; 24h, j, bronze, Illahun, Roman. Natural claw, Shurafa, Roman, pl. xiv, 25k.

**Materials.** Red porphyry 1, Green serpentine 5, Sard 1, Bronze 2, Actual claw of large bird, vulture (?). 1.

**Collection.** Univ. Coll. P. 10.

#### 25. TOOTH.

**Name.** Nazhi.

**Meanings.** Human tooth, for toothache (Plnx, xxvii, 11). Child's, first shed, for pains (P. xxviii, 9). Lion's, for gaining favour (P. xxviii, 25). Leopard's, to gain aid of friend's spirit, Central Africa (Leicester Museum). Hyaena, toothache (P. xxviii, 27); of left side, pain in stomach, nightmare (P. xxviii, 27); of right upper, to strike animals in hunting (P. xxviii, 27). Wolf's, for dentition (P. xxviii, 28). Dog's, quartan fever (P. xxx, 30), evil eye, hydrophobia (Bell., xii, 9, 15; xiii, 1). Horse's, evil eye (Bell., xii, 9). Deer's, repels serpents (P. xxviii, 49). Wild boar's, evil eye (Bell., xii, 5). Pig's, dentition (Bell., xii, 3). Boar's, tooth, evil eye (Bell., Am. 58, Feb. 35). Dolphin's, infant's fright (P. xxxii, 48). Fossil shark's, dentition and lightning, (Bell., xi, 29). Crocodile's right tooth, aphrodisiac; eye teeth, for periodic fevers and aphrodisiac (Pznx, xxvii, 28; xxxii, 50).

**Varieties.** Crocodile teeth. Fossil shark teeth. Glazed pottery figure.

**Period.** XXII to Roman.

**Figures.** 25a, tooth of shark, fossil, one of the Lamnidae, set in copper; 25b, tooth of crocodile set in silver; 25c, tooth of crocodile set in gold; 25d, figure of a tooth carved in bone; 25e, blue-green glaze, Roman; 25f, blue-green glaze; 25g, tusk carved from shell, prehistoric; 25h, tooth of hyena—tied to knotted cord, pl. xviii, 131f.

**Materials.** Actual teeth 4, Green glazed pottery 2, Bone 1, Shell 1, Carnelian 1.
AMULETS OF SIMILARS

**Position.** On neck cord knotted.
**Collections.** Univ. Coll. P. 8, Murch 1.

26. LOCUST.
**Name.** Si-nehem, possibly "son of Nehemat," a goddess.

**Meaning.** Protection from locusts (?)
**Period.** Prehistoric, XVIII, Roman.
**Figures.** 26a, b, grass-green and yellow glazes. XVIII.
**Materials.** Limestone 1, Yellow glaze 2, Green glaze 1.
**Collections.** Univ. Coll. P. 2, Turin 1, Murch 1.

CHAPTER IV
AMULETS OF POWERS

**Dynastic Amulets, 27—61.**

The idea of conferring powers upon the dead by means of amulets, is a logical development of the previous idea of continuance of the faculties. If the hand amulet could give the power of action, so the amulet of the sceptre which the hand held, could confer the power connected with the sceptre in real life. When once this idea was grasped, the various kinds of powers could be conferred. This was carried out by means of hieroglyphs of the ideas, as the wagtail or duckling; by emblems, as the head-rest or plummet; or by models of objects, as the stairs or the crown. Each of these kinds of amulets gave the powers of qualities, or of conditions, or of authority. In this class of amulets they act by symbolism of some kind, and not as direct similars like the previous class.

27. WAGTAIL.
**Name.** Sign for "great," ur.
**Meaning.** Conferring greatness (?)
**Period.** VI.
**Figures.** 27a, b, bone, group 5; 27b 2, smaller, carnelian, group 10.
**Materials.** Bone 2, Carnelian 1.
**Position.** Necklace.
**Collection.** Univ. Coll. P. 3.

28. HUMAN-HEADED BIRD.
**Name.** Ba. Ha-ran-herot (MacG. 49, for Haru-neher, full of face?).
**Meaning.** Human soul, probably derived from large-faced owl living in tombs.
**Period.** XXVI to Ptolemaic.
**Figures.** 28a, violet glass, white head; 28a 2, violet glass; 28b, double, side by side, green and black glaze; 28c, green and black glaze; 28d, blue and black glaze, Ptolemaic, group 21.
**Materials.** Green glaze 3, Blue glaze 8, Grey glaze 1, Red glass 2, Lazuli 2, White glass 1, Blue and white glass 3, Blue glass 7, Green glass 1, Black glass 1; D, Gold inlaid (Hor-uzu, Hawara).
**Position.** Throat (1); breast (5).
**Collections.** Athens 18, Alnwick 8, Univ. Coll. P. 4, E. 1, St. Petersburg 2, Murch 2.

29. DUCKLING.
**Name.** Za.
**Meaning.** Virility.
**Period.** VI.
**Figures.** 29a, sard, group 7; 29b, bone, group 6.
**Materials.** Sard 1, Bone 1.
**Position.** Necklace.
**Collection.** Univ. Coll. P. 2.

30. MAN'S GIRDLE TIE.
**Name.** Onkh, Onkh-er-ta kher-redu-f (LacaU, 113).
**Meaning.** Life. "Many lives (pl.) upon the earth that is beneath his feet" (L. 113): the plural of life may imply a belief in reincarnation.
**Period.** XIX to Ptolemaic.
**Figures.** 30a, blue glaze, Dendereh, Ptolemaic, group 21; 30b, light blue glaze, Memphis; 30b 2, green glaze; 30c, green glaze, Sams collection; 30d, blue glaze, XIX dynasty (?) (pl. xiv); 30e, wax, gilt, Dendereh, Ptolemaic, group 20; 30f, dark blue glass, type C; 30g, dull blue glazed ball, alternate with rams' heads bearing disc, XXV; 30h, red jasper (pl. xiv). See Maha;xxxiv, tomb 485, gold.
**Materials.** Gold 1, Green glaze 12, Blue glaze 8, B 1, Purple glaze 1, Black glaze 1, Dark blue glass, C 1, Red jasper 1.
**Position.** Chest (Hawara); on feet (Dendereh).
**Collections.** Turin 8, Cairo 8, Univ. Coll. P. 6, E. 1, Price 1, St. Petersburg 1.

31. NEFER.
**Name.** Nefer, supposed to be derived from the heart and windpipe, as the markings are similar to those upon the ab sign.
**Meaning.** Beauty or excellence.
**Period.** XVIII.
AMULETS OF POWERS

Figures. 31a, blue glaze; 31a 2, obsidian; 31b (pl. xliv), gold, XVIIIth dynasty. 
Materials. Gold 6, Haematite 2, Obsidian 1, Blue glaze 1. 
Position. Necklace. 

32. SISTRUM. 
Name. Sesh-het (MacG. 16). 
Period. XXVI. 
Figures. 32a, green felspar, Meroe; 32a 2, small, blue glaze; 32b, green glaze, Hathor head with wig. 
Materials. Green felspar 1, green glaze, 3, blue glaze, 1. 

33. COUNTERPOISE OF COLLAR. 
Name. Menat. With a fringe, Menkhet (Lacau, 441—3; MacG. 37). 
Period. XXVI. 
Figures. 33a, light green glaze, "says Bastet, give life to Pedu-heb-bast eternally"; the name shows the person was begotten at the great festival of Bubastis. Head and arms of Hathor; 33a 2, light green glaze, "Hapi born of Pedau-ast, son of Zed-nebt-amu-auf-red"; 33b, light green glaze, plain; 33c, c 2, blue glaze, plain; 33d, dark green glaze, three cats on the top, Bast on the stem, Neheka (?) on the disc, reverse "says Bast of (pa) Bast"; 33e, pl. xlv, light green glaze, group 16. 
Materials. Blue glaze 18, Green glaze 11, Green felspar 2, Bronze 1, Gilt wood 1. 

34. HEAD-REST. 
Name. Ura, of various woods, cedar (Lacau, 110), shen (L. 105), and mer (L. 105). 
Meaning. Restoration of the head, after primitive preparation of the corpse. The 166th chap. B.D. reads "Chapter of the Headrest. Awake! thy sufferings are allayed, N. Thou art awaked when thy head is above the horizon. Stand up, thou art triumphant by means of what has been done to thee. Ptah has struck down thine enemies. It has been ordered what should be done to thee. Thou art Horus, the son of Hathor, the flame born of a flame, to whom his head has been restored after it had been cut off. Thy head will never be taken from thee henceforth. Thy head will never be carried away." 
Varieties. On coffins are named the shen head-rest (Lacau, 105), the mer head-rest (L. 105) and the head-rest of osh, cedar wood (L. 110). Solid block head-rests were copied in Ptolemaic time. 

Period. First in tombs of IIInd dynasty, full size; continued to the XIIIth, and then also painted on coffins; as small amulets, XXVI—Ptolemaic. 
Figures. 34a, b, b 2, c, c 2, c 3, d, haematite; d 2, large and rough; 34e (pl. iv), blue glaze, Dendereh, Ptolemaic, group 21; 34f, green glaze, Ptolemaic; 34g, blue glaze (xlvi); 34h, apple-green glaze (xlvi). 
Materials. Haematite 70, Blue glaze 6, Green glaze 3, Basalt 2, 1 each of Red glaze, Dark glaze, Diorite, Wood, "Brown stone." 
Position. Left breast, left foot, low on stomach (Denderah), neck (Abydos). 

35. ZAD. 
Name. Zad (MacG. 43). Probably the four columns which supported the heaven (Medim, 31, xiilii); later mistaken by the Egyptians for the backbone of Osiris. The name of Nilometer is only a modern guess. 
Meaning. Stability or duration. The 155th chapter of the Book of the Dead reads: "Here is thy backbone thou still-heart! here is thy spine thou still-heart. Put it close to thee. I have given thee the water thou needest. Here it is. I have brought to thee the zad, in which thy heart rejoiceth. Said on a zad of gold inlaid into the substance of sycamore wood, and dipped into the juice of ankhmu. It is put on the neck of this Khn, he arrives at the doors of the Duat, and he comes forth by day, even though he be silent. This zad is put in its place on the first day of the year, as is done to the followers of Osiris." 
Period. VI to Roman. 
Figures. 35a, sard, VIIth dynasty (?); 35b, blue glaze, XVIII; 35c, c 2—c 12, pale green, Hawara, XXVI; 35c 13, 14, red glass; 35c 15, yellow steatite; 35c 16, white limestone; 35c 17—22, green glaze; 35d, pale green; 35e, pale green, Hawara; 35f, green, the top peg of the column much developed; 35g, green and brown glaze, crowned, and with two arms holding uss sceptres; 35h, blue-green glaze, with onkh and uss on neb sign; 35j, micaceous steatite; 35k, blue glass; 35l, blue glass, three double capitals; 35m, yellow glass, Anpu holding the zad; 35n, green glass, zad crowned with sma feathers; 35o (xliv), blue glaze faded, XIX, with 30d. See 39, b, c, d, on pl. iv. 
Materials. Green glaze 191, Blue glaze 56, Lazuli 37, Carmelain 37, Grey glaze 6, Red glass 2, Gold 2, Obsidian 1, Blue glass 4, Yellow steatite 1. 
Position. Throat (2); top of chest and base of chest (17); across stomach (8). 
36. SQUARE.

**Name.** Kheses, square, connected with Seqeq, the plummet (see next); a play of words similar to the variation of two Arab words for glass, Qizaz and Ziqag.

**Meaning.** Rectitude (?). It is not the hap sign, carried by kings in festival, as that is acute-angled and equal-sided, whereas this is right-angled and unequal, and is always associated with the plummet.

**Period.** XXVI to Ptolemaic.

**Figures.** 36a, b, 2, c, d, e, e 2, f, haematite; 36g, blue glaze, Denderah, Ptolemaic, group 21; 36g 2, green glaze; 36h, pale green glaze, fine work.

**Materials.** Haematite 46, Yellow limestone 4, Basalt 3, Green glaze 4, Blue glaze 2, Lazuli 1.

**Position.** Top row on chest, or left breast (6), with plummet; stomach.

**Collections.** Univ. Coll. P. 10, E. 2, St. Petersburg 9, Alnwick 6, Turin 4, Edinburgh 3, Athens 8, Price 1, Murch 1.

37. PLUMMET.

**Name.** Seqeq (see previous).

**Meaning.** Making equilibrium. Qeqt, determined by a plummet, is the name of Aswan, where the sun is in equilibrium between north and south at midsummer. Probably worn to impart an evenly-balanced mind, which is held up as a great virtue of character in the Proverbs.

**Period.** XXVI to Roman.

**Figures.** 37a, b, 2, c, e 2, d, e, e 2, baematite; 37f, blue and black glaze, Denderah, Ptolemaic, group 21; 37g, green glaze, Ptolemaic, showing the plummet cord.

**Materials.** Haematite 3, Slate 4, Blue glaze 4, Basalt 2, "Brown marble" 1, "Dark marble" 1, Green glaze 1.

**Position.** Top and middle of chest or left breast (7), low on stomach (2).

**Collections.** Univ. Coll. P. 8, E. 2, Alnwick 10, Cairo 9, St. Petersburg 9, Turin 6, Price 2, Athens 2, Edinburgh 1, Murch 1.

38. FORKED LANCE.

**Name.** Peseskief, from pesesh to divide, the forked flint lance being used to divide the mouth of the mummy in the ceremony of "opening the mouth."

**Meaning.** To confer the power of speaking and feeding, as described in Chapter 23 of the Book of the Dead, on the opening of the mouth.

**Varieties.** The different forms descend as follows:

- 1:6
  - 6500 B.C.
- 1:10
  - 6000 B.C.
- 1:2
  - 4000 B.C.
- 1:1
  - 3000 B.C.
- 1:1
  - 500 B.C.

**Figures.** 38a, b, black jasper; 38c, black steatite; 38d, e, t, obsidian; 38g, bronze; 38h, green glass. These last two may, perhaps, be intended for a clothing amulet surmounted by feathers; or if the flint forked lance was wrapped with cloth for a handle, it might then start this form. A similar form in carnelian is of prince Khaemuas (Mariette, Serapeum, iii, xi).

**Materials.** Obsidian 4, Black jasper 2, Black steatite 1, Bronze 1, Green glass 1.

**Position.** Throat (1); chest (6); stomach (1).

**Collection.** Univ. Coll. P. 9, E. 1.

Owing to the resemblance to the Plumes (39) and Feathers (41) following, these three amulets are confused in catalogues, and were probably not truly distinguished by the Egyptians. The Materials and Collections stated here are therefore restricted to those which can be verified.

39. OSTRICH PLUMES.

**Names.** Shut, the two plumes; or Shed-shed.

**Meaning.** The two ostrich plumes were supposed to fly away in the wind, bearing the king's soul (Sethe in Mahasna, 19), and the pair of plumes therefore were provided as a vehicle for the soul of the deceased. The single plume is probably the emblem of Maat.

**Varieties.** Double plume. Single plume.

**Period.** XIX to Ptolemaic.

**Figures.** 39a, b, obsidian; 39a 2, obsidian; 39a 3, 4, white limestone; 39b 2, slate; 39b 3, b 4, serpentine; 39c, gilt wax; 39d (pl. xlv) green glass; 39e (pl. xlv) basalt; inscribed "Osiris lord of Restau. The high priest, King's son, Khaemuas," son of Ramessu II; 39f, green glaze (xlvi).

**Materials.** Obsidian 3, Serpentine 3, Basalt 2, 1 each of Alabaster, White limestone, Blackened limestone, Green glaze, Gilt wax.

**Positions.** Throat (1); chest (6); stomach (2).

**Collections.** Univ. Coll. P. 5, E. 6, Athens 4, Edinburgh 3, Murch 2.

40. TWO PLUMES, DISC, AND TWO HORNs.

**Name.** Sma.

**Meaning.** The union of different powers.

**Varieties.** A, complete. B, disc and horns only.

**Period.** Ptolemaic.
AMULETS OF POWERS

40. Figures. 40a, white glass plumes, red glass disc, purple-black glass horns. Upon the zad, 40b, green and black glaze, Denderah, Ptolemaic, group 21; 40c, d, dark blue and black glaze, Denderah, group 26. See also 35n, green glass; C. Abydos, group 10 (pl.I).

41. PAIR OF FEATHERS.
Name. Qa.
Meaning. Elevation.
Period. XXVI (?).
Figure. 41, hard brown limestone, Univ. Coll. E.
Materials. Serpentine 17, Basalt 4, Obsidian 4, Green felspar 4, “Yellow stone” 4, Brown limestone 4, Haematite 3, Lazzuli 1, Black limestone 1, Beryl 1, Green slate 1, Green diorite 1.
Position. Top of chest (3); middle row (1); low on stomach (2).
Collections. Cairo 24, Athens 6, St. Petersburg 4, Alnwick 8, Price 2, Univ. Coll. E. 1, Edinburgh 1. Perhaps some of these really refer to the previous classes 38—39.

42. RISING SUN.
Name. Adhket.
Meaning. Power “to behold Ra at his coming forth in the horizon” (Labyrinth, 36).
Period. XXVI to Ptolemaic.
Figures. 42a, red jasper; 42b, light green serpentine.
Materials. “Red sandstone” (? Jasper) 9, Red Jasper 7, Blue glaze 4, Red glass 2, Red granite 1, Green glaze 1, “Green stone” (Murch), Light green serpentine 1. Thus nearly all are red.
Position. Low on chest.

43. DISC OF SUN.
Name. Ro; pronounced Ria XVIII dynasty, Ra or Re Greek.
Meaning. To see the sun.
Period. XXVI to Ptolemaic.
Figures. 43a, glaze faded white; 43b, steatite.
Materials. Lazzuli 8, “Black stone” 8, Yellow limestone 2, Green felspar 1, Beryl 1, Agate 1, Granite 1, White glaze 2, Steatite 1.
Position. Top of chest (1); middle of stomach (4); left hand (2).

44. CROWNED SUN.
Name. ?
Meaning. To see the sun ruling.

Period. XXX (?).
Figure. 44, Steatite.
Materials. Steatite 1, Obsidian 1.
Collections. Univ. Coll. P. 1, Alnwick 1.

45. BARK OF THE MOON.
Name. Aok (Lance, Dis. Mit., xxvii).
Meaning. To voyage in the sky after the sun.
Period. XVIII—
Figures. 45 (and 46), 2, carnelian, Hawara, XVIII.
Position. Necklace.
Collections. Univ. Coll. P. 4, Kennard 1, Cairo 1, Brit. Mus. 1.

46. STAIRS.
Name. Kheth.
Meaning. Ascent to sky. In the Book of the Dead, Chapter 29, the dead says: “I am Osiris the lord of Restau, the same who is at the head of the staircase," up which the dead are shown mounting to the judgment. In Chapter 149, in the eleventh domain the dead says: “I raise my ladder up to the sky to see the gods,” with a vignette showing a flight of stairs. This form may have become confused with that of a throne (suggested by Schäfer in Z. A. S. xlii, 66) as the stairs are shown in a boat in the vignette of Chapter 110.
Varieties. 6 to 9 steps.
Period. XXVI to XXX.
Figure. 46, green glaze.
Collections. Turin 3 of 7 steps, 1 of 9 steps, Univ. Coll. E. 1 of 6 steps, Price 2.

47. HORNET.
Name. Bat.
Meaning. Royal power of Lower Egypt.
Period. VI to XII.
Figures. 47a, yellow sard, group 3; 47b, orange sard; 47c, blue paste, Mahasna, tomb 386; 47d, blue glaze, XII dynasty.
Materials. Sard and carnelian 9, Blue glaze 1, Black limestone 1, Brown sard 1.
Position. Wrist, 2 (Deshasheh, xxvi, 3, 21).

48. WHITE CROWN.
Name. Het = (Lance, 480).
Meaning. Royal power of Upper Egypt.
Period. XXVI.
Figures. 48a, green glass (?) burnt; 48b, 48b, 2, light green glaze; 48c, 48c, 2, 48c, light green glaze; 48d, d, 2, green glaze.
Materials. Green glaze 26, Blue glaze 12, Green glaze 1, Black glaze 1, White glaze (faded ?) 1.

17
AMULETS OF POWERS


40. RED CROWN.
Name. Deshert; or Sekhemti (Lacau, 481), probably confused with the double crown of that name (L. 483).
Meaning. Royal power in Lower Egypt.
Period. XXVI.
Figures. 49a, a 2, green glaze; 49b, c, e 2, d 2, green glaze, Memphis; 49b 2, green glaze; 49c, blue glazed stoneware, group 38; 49e to 8, pl. xlv, green glaze, crown on neb.

50. DOUBLE CROWN ON NEB.
Name. Sekhemti.
Meaning. Royal power in Upper and Lower Egypt.
Period. VI.
Figures. Mahasna, xiv, xliii, tomb 87.
Material. Gold.
Position. Necklace.

51. VULTURE AND URAEUS.
Name. Smauti.
Meaning. Royal power in Upper and Lower Egypt.
Period. VI.
Figures. Mahasna, xiv, xliii, tomb 87.
Material. Gold.
Position. Necklace.

52. ROYAL CROOK.
Name. Heqt (MacG. 54); Heqt Out, "Crook of the flocks," used by shepherds (Lacau, 317).
Meaning. Rule in Heliopolis.
Period. XXVI (?).
Figure. Not here.
Collection. Turin 1.

53. ROYAL SCOURGE.
Name. Nekhekh (MacG. 54).
Meaning. Rule in Heliopolis.
Figure. MacG. papyrus 54. Found broken up in tombs of the XIIth dynasty, full-sized, in limestone (Riqqeh).
Collection. Portions in Univ. Coll. P.

54. SHEPHERD'S STICK.
Name. Uas (MacG. 28; Lacau, 315). Zom (Lacau, 314), with wavy stem.
Meaning. Guidance of the flock. Such a form is regularly used by the eastern Bedawy at present. Secondary sense, Rule at Thebes.

Periods. XXVI to XXX (?).
Figures. 54a, gold; 54b, blue glass, burnt; 54c to 8, pl. xlv, blue glaze, faded, with 50d, 380. See 35h with Zad and Onkh.
Materials. Gold 1, Blue glass 1, Blue-green glaze B 1.
Collection. Univ. Coll. P. 2, and 8 of type B.

55. DISC MACE.
Name. Men (MacG. 27).
Meaning. Fighting power.
Period. Prehistoric.
Figure. 55a, pl. xlv, white limestone with black spots, prehistoric; 55a 2, plain limestone (Tarkhan II).
Material. Painted limestone.

56. PEAR MACE.
Name. Hez (MacG. 27).
Meaning. Fighting power.
Period. Prehistoric, IV, XII.
Figure. No models, only actual maces buried.
Material. White limestone, Red granite in XII (Riqqeh).

57. FEATHERS AND SCOURGE.
Name. Anes (MacG. 27).
Meaning. Ruling power.
No amulets known.

58. URAEUS SERPENT.
Raminut, goddess (Lanz., D. M., cxxxix). Sat (Lacau, 94).
Seger (MacG. 7; Lacau, 34, 91). Shem-remtu (MacG. 9; Lacau, 94). Wrt hekat, goddess (MacG. 10). Zet (Lacau, 94).
Also conferring qualities, "giving youth" (Lacau, 90) and with coiled body, "giving being" (?) (Lacau, 91).
Mehen, uraeus on the crown.
Meanings. Goddesses above named; Knowledge; Divine life; Going among men; Royal power of judgment; Giving youth, and being.
J, crowned.
Period. XXVI to Roman.
Figures. 58a, green glass, crowned uraeus on column; 58b, carnelian, with silver suspension loop; 58c, branch of red coral, with silver uraeus twisted upon it; 58d, bronze, tail coiled behind; 58e, bronze, double crowned with sun discs inlaid; 58f, bronze, crowned with discs; 58g, pewter plate, incised; 58 h, green glaze, Memphis; 58j, light blue glaze, Memphis; 58k, green glaze, Memphis; 58k, 2, 3, 4, 5,
AMULETS OF POWERS

58. MAN KNEELING WITH PALM BRANCHES.

Name. Ilah.
Meaning. Millions of Years. Duration.
Period. XII, Roman.
Figures. 59a, gold; 59b, gold, group 4; 59c, lead; 59d, apple-green glaze, Denderah, Ptolemaic, group 21; 59e, silver (pl. xlv). And see Mahasna, xxxiv, xliii, tombs 87, 435.
Materials. Gold 2, Silver 1, Lead 1, Green glaze 1.

60. BOUND CAPTIVE.

Name. Kheft.
Meaning. Power over a slave.


Period. Prehistoric to Roman.
Figures. 60a, red limestone, quartz crystal eyes inlaid, male, prehistoric; 60b, light blue glaze, female, XXVI; 60c, white limestone, male, XXVI; 60d, similar figure found at Deffennach (Tanis, ii, xi); 60d, lead, male, wrapped in sheet lead; 60e (pl. xlv), wax, two figures standing, hands joined; 60f, wax, perhaps a figure; see also figures on soles of sandals (Univ. Coll. E) of Roman mummies, Hawara, (Roman Portraits, x, 5), and mud figure of Hyksos age (Hyksos and Israelite Cities, vi, 8).
Materials. Lead 1, Red limestone 1, White limestone 2, Blue glaze 1, Wax 2, Cartonnage 1.

CHAPTER V
AMULETS OF PROPERTY

KTEMATIC AMULETS, 62—82.

These amulets, representing the funeral offerings of food and drink, and the furniture of objects for the use of the dead, are peculiarly Egyptian. From very early times provision for the continued life of the deceased was placed in the grave, sometimes on an immense scale. As the belief in substitutes grew, so gradually models came to replace the real objects, and then small amulets were substituted for the models. It might seem doubtful where to divide between this class and the last. The mace heads are classed as amulets of power, as the mace is used symbolically by the king in all periods; but the spear head included as property, is never used symbolically. Again, the plummet and square are probably emblems of qualities, as the dead is never represented as building; but the writing tablet and seal are classed as property, as in the future life the deceased would require to write and seal orders. These are the means of writing rather than symbols of the power of writing. The border line of the two classes is seldom really in question.

The order followed here is, food, drink, clothing and objects used.

62. OX HEAD.

Name. Unknown.
Meaning. Food offering. An actual head is often found in graves, from the prehistoric down to the XlIth dynasty.
Period. Prehistoric to XVIII.
Figures. 62a, calcite; 62b, quartz, green-glazed; 62c, carnelian; 62c, 2, 3, 4, 5, 6, 7, carnelian; 62d, clear green serpentine, prehistoric; 62e, blue glaze, VI (?); 62f, red glass, XVIII (?); 62g (pl. xlv), quartz, green-blue glaze; 62h, carnelian.
Materials. Carnelian 9, Quartz, green-glazed 2, Noble...
63. COW, LEGS TIED.

Name. Rehen (?).

Meaning. Food offering. "The image of a cow," for which the 162nd chapter of the Book of the Dead is recited, seems rather to refer to a free cow, and not to a sacrifice.


Period. V, XXVI to Ptolemaic.

Figures. 63a, red jasper; 63b, red steatite, both round; 63c, flat, red glass; 63d, red glass; 63e, red glass.

Materials. "Red sandstone" (? jasper) 9, Red jasper 9, Red glass 11, Blue glaze 8, Green glaze 1, "Yellow stone" 1, Brown limestone 1, Alabaster 1.

Position. Base of chest and lower.

Collections. Cairo 11, Univ. Coll. P. 5, E. 2, Price 6, Alnwick 4, Turin 3, Edinburgh 1, Athens 1, Murch 1.

64. GAZELLE.

Meaning. Food offering (?), but see under sacred animals, Nos. 214—16.

65. JOINT OF MEAT.

Name. Ao, Avu.

Meaning. Food offering.

Period. VI or XII (?).

Figure. 65, quartz crystal, part of the ribs and side of an ox, exquisitely finished.

Material. Quartz crystal.


66. GOOSE OR DUCK.

Name. Sa.

Meaning. Food offering.


Figures. Not here.

Materials. Blue glass 2, Red jasper 1, Red glaze 1, Green glaze 3, Black and white glass 1, Bronze 1.

Position. Mid line, Hawara.

Collections. Turin 2, B 1, Alnwick 1, Price 1, Murch 1.

67. DISH OF FLOUR ON MAT.

Name. Hotep.

Meaning. Flour offering; a dish of flour on a reed mat (Medium, xi).

Period. XXVI.

Figure. Not here.

Material. Green glaze.

Position. Lower row, Hawara.

68. ALTAR WITH CAKES.

Name. Thet (?).

Meaning. Food offering.

Period. XXVI to Ptolemaic.

Figures. 68a, blue glaze, square cake; 68b, bronze, four cakes; 68c, bronze, one cake; 68d, gilt wax, three vases and three cakes, Dendereh, group 20 (pl. xliv); 68e, green glaze (pl. xlvi).

Materials. Bronze 2, Green glaze 1, Blue glaze 1, Gilt wax 1.

Collections. Univ. Coll. P. 5, Cairo 5.

69. DATE.

Name. Benr.

Meaning. Food offering.

Period. XIX (?).

Figure. 69, green glaze, black calyx.


70. VASE.

Names. 45 different names are known, but the forms are not yet distinguished.

Meaning. Drink offerings of various kinds. See under sacred animals.


Period. XXVI to Roman.

Figures. 70a, diorite; 70b, c, d, blue glaze, situla; 70e, green glaze, measure; 70f, green glaze, pilgrim bottle; 70g, red glaze, XVIII Riggeh; 70h, red jasper; 70i, bronze, amphora, Roman; 70j, green glaze, yellow spots, amphora, Roman; 70k, black and white glass; 70l, brown pottery; 70m, green glaze, Bes head on it; 70n, bronze; 70o, pottery, (pl. xlvi); 70p, green glaze (xlvi); 70q, black and green glaze (xlvi); 70r, green glaze, Illahun, XXIII (xlv).

Materials. Green glaze 8, Blue glaze 7, Gold 2, Bronze 2, Glass 1, Brown pottery 2, Diorite 1, Red jasper 1, Wood 1.

Position. Throat.


71. COLLAR.

Name. Usekh, with hawk heads (MacG. 2); Usekh of lord of Eternity, with deep rows of beads (MacG. 32); Usekh of the hawk, with spread hawk on middle (MacG. 33); Usekh of the vulture and vultures, with the emblems (MacG. 36); Usekh of Mut, with the vulture with curved wings (LACAU, 436).

Meaning. Dress of the living, in contrast to the dead. The Chapter 158 of the Book of the Dead is as follows: "The chapter of the collar of gold, put on the neck of the deceased. O my father! my brother! my mother Isis! I am unveiled and I am seen. I am one of the unveiled ones, who see Geb."
AMULETS OF PROPERTY

Varieties. A, plain rows of beads "of the lord of Eternity," Osiris (MacG. 32). B, with hawk heads (MacG. 2). C, deep and short rows (Fig. 70b). D, with hawk (MacG. 33). E, with vulture of Mut (Lacau, 436). F, with vulture and uraeus (MacG. 36).

Period. XXVI to Roman.

Figures. 71a, type B, green and black glaze, Denderah, Ptolemaic, group 21; 71b, type C, blue and black glaze, group 21; 71c, wax gilt, Denderah, Ptolemaic, group 20.


72. CLOTHING.

Name. Monkhet (Lacau, 442); oper.

Meaning. Clothing.

Period. XXVI to Roman.

Figures. 72a, b, black and white porphyry; 72c, c 2, diorite; 72d, white glass.

Materials. Diorite 14, Serpentine 2, Granite 2, Porphyry 3, Red glass 1, White glass 1, "Gray stone" 1, Wood 1.

Position. Chest (3).

Collections. Cairo 16, Univ. Coll. P. 4, E. 1, St. Petersburg 1, Turin 1, Alnwick 1.

73. ROYAL HEAD-DRESS.

Name. Seden (XXV stele), or Nemas (Lacau, 487; MacG. 4), or Khat (Lacau, 489).

Meaning. Royal clothing.

Figure. Not here.

Material. Carnelian.

Collection. Cairo.

Another head-dress was Ondet (MacG. 3). The beard was Kheknat (MacG. 20). Neither of these are found as amulets.

74. COMB.

Name. (?).

Meaning. Hair dressing. Actual combs are common in prehistoric and XVIII.

Period. Roman.

Figures. 74a, b, bone, Tell el Amarna, Roman; 74c, d, e, bone.

Material. All of bone.


75. SPEAR HEAD.

Name. (?).

Meaning. Defence.

Period. Prehistoric.

Figure. Naqada, lviii.

Material. Green serpentine.

76. WRITING TABLET.

Name. Themen, or Kher-a, "under the arm." Medium, xiii; Saqq. Mast., ii.

Meaning. Provision for writing. The writing materials were prepared for in the 94th chapter of the Book of the Dead.

Period. XXVI and later.

Figures. 76a, green diorite; 76b, blue glass, with incised figure of Tahuti.

Materials. Green felspar 8, Beryl 8, "Black-grey stone" 4, Lazuli 3, Obsidian 1, Green glaze 1, Green Jasper 1, Green glass 1, Haematite 1, Diorite 1, Blue glass 1.

Position. Throat (1); chest (6); stomach (1).

Collections. Cairo 29, Price 3, Univ. Coll. P. 2, Alnwick 1, Edinburgh 1. Some of these may have been No. 20, with the papyrus drawn but not engraved.

77. NAME BADGE.

Name. Serekh, "that which makes known" (MacG. 51).

Se-at or Seurat (Lacau, 444—5).

Meaning. To preserve the name. The 25th chapter of the Book of the Dead is, "Whereby a person remembereth his name in the underworld." Even the gods might lose their names, for of the fiery region of the 12th domain we read: "No god goes down into it... for the four snakes would destroy their names" (B. of D., 149).


Period. A, XII. B, XIX.

Figures. 77a, carnelian, as worn on neck, see Khnumuhotep (Gizeh and Rifeh, xi); 77b, amethyst with name of King Senusret; 77c, carnelian with name of Bakmut; 77d, silver, VIII dynasty, group 13; 77e, gold, Qurneh. See 3 of carnelian of Hapi, Pasar and Kaamunias (Mariette, Serapeum, iii, xi).

Materials. Carnelian 5, Amethyst 1, Gold 1 (and Lacau, 449), Green felspar (Lacau, 453—5), Silver 1.

Position. On neck (Gizeh and Rifeh, xi).

Collections. Univ. Coll. P. 5, Cairo type A 2, type B 8.

78. CARTOUCHE.

Name. Ran.

Meaning. To preserve the name; later substitute for previous name badge, No 77.


Period. XXVI.

Figures. 78a, diorite; 78b 2, lazuli; 78b, basalt.

Materials. Lazuli 10, Green glaze 1, "White stone" 1, "Black stone," Cairo, 1, Yellow limestone 1, Diorite 1, Basalt 1.

Position. Neck; top of chest; top of stomach.

AMULETS OF PROPERTY

79. SEAL.

Meaning. Power over property.
Period. XXVI to Ptolemaic.
Figures. 79a, white limestone; 79b, brown limestone; 79b, green felspar; 79c, lazuli; 79d, basalt; 79e (pl. xlv), blue glaze, Denderah, Ptolemaic, group 21.
Materials. Lazuli 17, Green felspar 9, Green glaze 7, Basalt 7, Blue glaze 4, Limestone 4, Slate 2, Quartz 2, Prase 1, Agate 1.
Position. Right hand 5; left hand 5 (on 2nd finger, between 2nd and 3rd finger); low on stomach.
Collections. Cairo 18, St. Petersburg 12, Univ. Coll., P. 3, E. 8, Alnwick 5.

80. SEAL RING.

Name. Zebot.
Meaning. Power over property.
Period. XXVI to Ptolemaic.
Figures. 80, Lazuli.
Materials. Gold 1, Lazuli 2, Green glaze 1 (Hor-uzu, Hawara).
Position. Between 2nd and 3rd, between 3rd and 4th fingers right hand; on 3rd finger of left hand; in left hand; chest.
Collections. Cairo, Horuza 2, Univ. Coll. P. 1.

81. CIRCLE OF CORD.

Name. Shen, explained as Onkh-shau (Laca, 112).
Period. XXVI.
Figures. 81, broken away at sides of base, same both sides, light green glaze.
Materials. Basalt 5, Steatite 2, Lazuli 2, Green felspar 2, Quartz 1, Limestone 1, Green glaze 1.
Position. Top row, by cartouche.

82. SLAVE FIGURE.

Name. Ushabti.
Meaning. To work for the deceased in the future life.
Varieties. Too extensive to state here. A breast-piece of pendant ushabtis occurs in the XIXth dynasty.
Period. XVIII to XXX. (The stone figures of the XIIth dynasty are really figures of the dead.)
Figures. 82, One example of the XXIInd dynasty marks the place of this subject as an amulet; this ushabti is of Zed-tehuti-as-onkh.
Position. A boxful of 200 was placed on each side of the mummy.
Collections. All. This subject is as extensive as all other amulets together.

CHAPTER VI

AMULETS FOR PROTECTION

Phylactic Amulets, 83—137.

In this class the amulets or charms for protection are what are more popularly regarded as amulets. The purpose of these is to call into account some external agency which is not as definite as a divinity. The most primitive means are preferred, such as wearing shells, bones, animals, cords, stones, etc. Doubtless a great number of vegetable and animal objects were also included in this class, though the great majority of such have naturally disappeared in the course of ages. The great popularity and literary importance of the inscribed charms, especially inscribed gem stones, has fixed more attention on this kind of amulet, almost to the exclusion of the various other classes.

83. SUN AND WINGS.

Meaning. Ra as protector.
Varieties. Seldom on the mummy, but usual over figures and entrances to temples.

Period. Ptolemaic, as an amulet.
Figures. 83a, black steatite; 83b, girt wax, Denderah, group 20.
Materials. Black steatite 1, Girt wax 1.

84. SUN AND URAEI.

Meaning. Ra as ruler.
Varieties. Seldom on the mummy, but used as previous.
Period. Ptolemaic, as an amulet.
Figures. 84a, wood with traces of stucco and gilding; 84b, green glaze, Denderah, Ptolemaic, group 21.

22
AMULETS FOR PROTECTION

85. CRESCENT.

**Name.** Aoh.

**Meaning.** The protection of the moon god. Against evil eye and witchery (Bell, xv, 26; xvi, 25). The emblem of patricians at Rome (Box, *Nuov. Antol.*, 1 Oct., 1912).


**Period.** XVIII to Roman. Specially worn in early part of 2nd cent. a.d. (Roman Portraits, 12, 14).

**Figures.** 85a, b, pale blue glass, XVIII; 85c, black glaze, XII or XVIII; 85d, e, silver, Memphis, Roman, group 27; 85f, gold, Memphis, group 27; 85g, silver; 85h, base silver; 85j, 85j, white glass on blue, with red spots around, Gurob, Roman. Type B, 85k, electrum, XII dynasty (?); 85i, blue glaze, XVIII; 85m, black and yellow serpentine, Roman; 85n, bronze, Shurafey, Coptic period. See also plain bronze crescent, Roman age, Saft, in *Hyksos and Israelite Cities*, xxvii a.

**Materials.** Gold 1, Electrum 1, Silver 4, Bronze 2, Glass 5, Blue glaze 1, Black glaze 1.

**Position.** Necklace.

**Collection.** Univ. Coll. P. 8.

86. MUMMY.

**Name.** Sah (MacG. 64). Sokar khent oper, “Sokar in clothing” (Lanz., *Diz. Mit.*, xvii).

**Meaning.** Preservation of the body in mummy form (?).

**Period.** Graeco-Roman.

**Figures.** 86a, b, dark blue glass.

**Materials.** Green glaze 2, Blue glaze 2.

**Collections.** Univ. Coll. P. 2, Turin 2.

87. MUMMY ON BIER.

**Name.** ?

**Meaning.** Preservation of the body (?).


**Period.** Ptolemaic.

**Figures.** 87a, green glaze; 87b, glass, burnt. Type B; 87c, blue glaze with black paint, Denderah, Ptolemaic, group 21.

**Materials.** Blue glaze 4, B 1, Green glaze 1, Red glass B 1, Glass (burnt) 1, Painted pottery 1.

**Position.** Chest (2); stomach (2); knees (1).

**Collections.** Univ. Coll. P. 4, Athens 2, Edinburgh 2.

88. GIRDLE OF ISIS.

**Name.** Thet.

**Meaning.** Protection by the blood of Isis. Also the girdle of Nut (Lanz., *Diz. Mit.*, cl). This is the primitive women’s girdle, fuller than the onkh, the men’s girdle. The 160th chapter of the Book of the Dead reads: “Chapter of the tie of red jasper which is put on the neck of the deceased. The blood of Isis, the virtue of Isis; the magic power of Isis, the magic power of the Eye, are protecting this great one; they prevent any wrong being done to him. This chapter is said on a tie of red jasper, dipped in the juice of ankhamu, inlaid into the substance of the sycomore wood, and put on the neck of the deceased. Whoever has this chapter read to him, the virtue of Isis protects him; Horus the son of Isis rejoices in seeing him, and no way is barred to him, unavailingly.”


**Period.** XIX to Roman.

**Figures.** 88a, red glass; 88b, green glass; 88c, green glaze; 88d, blue glass; 88e, e, e, 2, 3, green glass, group 28, XXV dynasty (?); 88f, faded green glaze; 88g, dark blue glaze, XVIII or XIX; 88h, h, j, j, j, 3, red glass; 88j, 4, red limestone; 88k, slate; 88k, pewter, possibly a clothing sign 72; 88l, wax, gilt, Denderah, group 20. See pl. xlvii, 88m, carnelian of the royal scribe Paart; 88n, jasper, of the chief archer Nekht-a-min; 88o, jasper of Rei; 88p, blue and black glaze, Denderah, Ptolemaic, group 26. Type B, double, red glaze, XVIII (Ed.). Also see 2 carnelian of Khaemnas and 1 of Hapi (Mariette, *Serapeum*, iii, xi, xx).

**Materials.** Red jasper 21, Carnelian 3, Red glass 18, Brown jasper 13, Blue glass 27, Green glass 18, Red glaze 1, Lazuli 2, Obsidian 1, Gold 1, Silver 1, Pewter plate 1, Brown paste 1, Green glass 1, Wax gilt 1.

**Position.** Neck (2); chest usual (11); stomach (2); toes (1).

**Collections.** Cairo 47, Univ. Coll. P. 16, E. 7, Turin 12, Price 12, Alnwick 11, St. Peters burg 7, Edinburgh 1, Murch 1.

89. SCARAB, FLAT BASE.

**Name.** Kheper.

**Meaning.** Heart of Isis given to the deceased. See Nos. 7 and 90 for the Book of the Dead.

**Period.** XVIII to XXX.

**Figures.** 89a, grey steatite, Ramessseum; 89b, lazuli, formerly set on a pectoral; 89c, lazuli veneer on slate base, Ramessseum; 89d, basalt, Ramessseum; 89d, basalt, Ramessseum; 89e, light blue, Ramessseum; 89f, malachite; 89g, slate; 89h, 2, slate; 89i, 3, steatite; 89j, peridot; 89j, k, indigo glaze, XXII dynasty; 89k, blue-green glaze; 89l, 2, red glass; 89m, blue glass, Saqqarah, pierced for stitching on mummy wrapping or network, as also the next; 89n, deep blue paste; 89o, red glass; 89p, violet glass; 89q, violet glass; 89r, s, deep blue clear glass; 89s, same, burnt; 89u, deep blue clear glass; 89uu, (pl. xiv), same; 89u, yellow glass; 89w, x, amber; 89x, 2, 3, durite; 89y, green yellow with yellow points, Roman.

**Materials** (apart from Cairo catalogue which is uncertain). Basalt 17, Serpentine 15, Steatite 8, Green jasper 6, Porphyry 4, Green quartz 4, Schist 1, Blue glass 5, Blue glass 4, Green glass 4, Lazuli 3, Violet glass 2, Blue paste 2, Amber 2, Durite 1, Green felspar 1, Limestone 1, Malachite 1, Peridot 1, Red glass 1, Yellow glass 1.

**Position.** Inside the body.
AMULETS FOR PROTECTION


90. SCARAB, INSCRIBED BASE.

Name. Kheper.

Meaning. Heart of Isis given to the deceased. The 30th chapter of the Book of the Dead appears in a slightly different form (version B) upon the heart scarab, reading: "My heart of my Mother, my heart of my Mother, my heart of my becoming (in future life). May nothing rise up against me in evidence; may no hindrance be made against me by the divine chiefs; may there be no enemy of thee against me in the presence of the Guardian of the Balance. Thou art my ka in my body, the creator making sound my limbs. Come forth to the bliss towards which we are bound. May our name not be in bad odour with the Ministrants, those who deal to men their course in life; and be there good for us, be there good to the hearer, be there joy of heart, by the Weighing of words. May not lies be uttered in the presence of the God, before the great God lord of Amenti. Behold thy uplifting is in the acquittal."

Varieties. A, various forms of this chapter are used, sometimes only omitting half a dozen words, as on 90l, sometimes leaving only the opening invocation to the heart, as on 90c. B, a suten du hotep formula is rarely used, as in 90u, v, aa.

Period. XVIIIth to XXIIIrd dynasties.

Figures. The backs on pl. viii, the inscriptions on pl. ix; 90a, black steatite, name Huy; 90b, brown limestone, of Huria; 90c, glazed steatite, of Set-mesu; 90d, black steatite, of Tana; 90e, black steatite, of Ma-nehes, "the alert lion"; 90f, hard light brown limestone in silver mount, of Min-em-hat; 90g, a metamorphic mud, similar in material to slate, usually mis-called "green basalt," here called durite, of Tet-bet, "nursing shepherd" (?); 90h, durite, of Daudt; 90j, durite, of Repen (?); 90k, jade, called by the Egyptians nennchen, as stated on the Kennard tablet (now in Berlin), of the singer, Thentamen; 90l, durite (volcanic ash) of Parnon (secondary use); 90m, durite of An performing; 90n, durite, of Tetemes; 90o, green glaze in copper mount, of the scribe Nashuy; 90p, durite, of Amen-mes; 90q, limestone brown-black (XVIIIth dynasty, as kohl pots) of the overseer of the serfs of Min, Kanure, from Ekhemet; 90r, durite, of the singer of Amen, Shal-mer-ast; 90s, durite of Zedptah-a-onkh; 90t, jade, name lost; 90u, black steatite of Hor-se-ast; 90v, blue paste, very illegibly cut, apparently of Peh-ne-ka-user; 90w (pl. xvi) lazuli, of the keeper of the cattle Tahutimes, XVIIIth dynasty. The following not in plates:—90x, violet glass plate, with hollow crystal back in which is painted the heron, backed with gold foil, for Auf-neren-neheh, Gurobi, XVIIIth dynasty; 90y, limestone, coloured brown, of the singer of Isis, Hatsheps, XVIIIth dynasty; 90z, limestone, of Huy; 90aa, lazuli, nesut du hotep formula without a name, group 31.

Materials (omitting Cairo as uncertain; the other collections as stated, but probably in error on basalt). Basalt (?) 18, Durite 9, Porphyry (?) 6, Limestone 5, Steatite 5, Serpentino 5, Green Jasper (?) 4, Schist 4, Jade 2, Lazuli 2, Green felspar 1, Glazed steatite 1, Green glaze 1, Blue glaze 1, Blue paste 1, Violet glass 1.

Position. On the chest (?)


91. PECTORAL.

Name. Unknown.

Meaning. Heart of Isis.

Varieties. A, in one piece. B, with separate scarab (see MacG. 68, 69, 70).

Period. XVIII to Ptolemaic.

Figures. 91a, durite, filled in with yellow paste; upper side, scarab with akhet bird on back, Isis and Nebhath standing on a boat adorning it; under side, the scarab outline with the invocations of the beginning of the chapter, and figure of Unnefer adoring Osiris; 91b, black steatite, Isis and Nebhath, winged, adoring, but the middle blank, probably a scarab has been attached; back, Osiris "lord of eternity, lord of Ta-zeser," adored by the deceased and Isis; on the top edge the name "Set-ha-em-tepy"; 91c, gold, a woman Neferti-her adoring "Isis the great mother"; 91d, electrum, figure of Tahuti, with altar of offerings. "The speech of Tahuti, lord of Khemenu, give life, health, and strength to the son of the high priest of Amen, Uassakanusa, acquitted, son of the high priest of Amen, Fu-ua-merth, acquitted"; 91e, green glaze, zad between two thet girdles, back, jackal couchant on shrine, with right uzat eye above; 91f, blue-green glaze, jackal couchant on shrine "Anpu in his bandages lord of the desert"; 91g, shrine of black and yellow serpentine, apparently an inserted figure has been lost. See green-glazed pectoral of Pasar (Mariette, Serepeum, iii, xii).

Materials. Green glaze 13, Blue glaze 3, Glazed stone 8, Slate 6, Durite 1, Wood 8, Schist 2, Blue frit 2, Steatite 1, Serpentine 1, Red-brown glaze 1, Gold 1, Electrum 1.

Position. On breast (2); on stomach (1).

Collections. Cairo 35, Univ. Coll. P. 7, St. Petersburg 6, Price 2, Edinburgh 1, Alnwick 1.

92. SCARAB WITH LEGS.

Name. Kheper (MacG. 61).


AMULETS FOR PROTECTION

Period. Ist to XXXth dynasties.

Figures. 92a, obsidian, of exquisitely detailed work (the wing cases being also delicately ribbed), and probably of the XIth dynasty, when obsidian was a favourite material for the best inscribed scarabs; 92b, diorite b 2, 3, 4, Hawara, porphyry, hard steatite, brown limestone, XXVI; 92c, green glaze; 93d, greenish-blue glaze; 92d 2, 3, white limestone; d 4, steatite; d 5, haematite; d 6, 7, green glaze; 92e, f, f 2, f 8, green glaze faded, Hawara, XXVI; 92e, 2, brown basalt; 92g (pl. xlv), green glaze, Denderah, Ptolemaic; 92h (pl. xlv), green glaze; 92j, blue and black glaze, Denderah, Ptolemaic, group 26 (pl. xxxii).

Materials. Basalt (durite?) 22, Porphyr 14, Lazuli 13, Green glaze 34, Blue glaze 8, Serpentine 8, Haematite 6, Carnelian 6, Brown steatite 7, Limestone 4, Frase 3, Black syenite 4, Green syenite 2, Green glass 3, Green felspar 2, Beryl 2, Obsidian 2, White glass 1, Bronze 1, Diorite 1.

Position. Throat (4); chest (23); stomach (6); left hand (2).


93. SCARAB WINGED.

Meaning. Protective power of the Creator (?).


Period. XXII to XXX.

Figures. 93a, flame-coloured sard, XVIII(?) 93b, puerter, group 18; 93c, bronze with human head, crowned with disc, horns, and uraeus; 93d, blue paste, with holes for stitching on to a mummy network; 93e, f, blue glaze, with four genii, Denderah, Ptolemaic, group 21; 93g, green glaze with violet inlay in the hawk heads, and four genii. For other figures of the genii see 182. Type C, 93h, blue glaze (xlvi).

Materials. Green glaze 3, Sard 1, Blue paste 1, Pewter 1, Gold 1, Blue glass 2, Black glass 1.

Position. Collar-bone (3); breast (3); stomach (1).


94. VULTURE STANDING.

Names. Nert, Demzet, Ament, Thevet, Urtheka, Sebkhet Kherert (MacG. 12, 19, 14, 15, 29, 45, 47, 66).

Meaning. Five different vultures confer Being, Divinity, Living with gods, Going among men, and Youth (Lacau, 99).

Period. VI to Roman.

Figures. 94a, bone, VI, group 5; 94a 2, carnelian, group 7; 94a 3, 4, blue glaze, rude, VI, Zaraby; 94b, bone, group 6; 94c, bone, group 8; 94d, gold. (See Mariette, Sarapenum, iii, xi; Nagada, lviii, XITH dynasty.)

Materials. Lazuli 4, Gold 2, Blue glaze 3, Bone 8, Carnelian 1, Syenite 1, Yellow glaze 1, Red glaze 1.

Position. Neck (2); base of chest (3).

Collections. Univ. Coll. P. 7, Turin 3, Murch 2, Cairo 2 (Horuza), St. Petersburg 1, Alnwick 1.

95. VULTURE WITH WINGS SPREAD.

Name. Nert-kent-pet-er-renttu (?), "The Vulture mistress of heaven over mankind." Nert-her-ne-pot, "The Vulture who is over men" (MacG. 34, 48).

Meaning. Protection. The 157th chapter of the Book of the Dead is as follows: "Chapter of the vulture of gold, put on the neck of the deceased. Isis has arrived; she hovers over the dwellings, and she searches all the hidden abodes of Horus when he comes out of the northern marshes knocking down him whose face is evil. She causes him (the deceased) to join the bark (of the sun), and grants him the sovereignty over the world. When he has fought a great fight, He (Horus) decrees what must be done in his honour; He causes fear of him to arise, and He creates terror. His mother, the Great One, uses her protective power, which she has handed over to Horus. Said on the vulture of gold. If this chapter is written on it, it protects the deceased, the powerful one, on the day of the funeral, and undeviatingly for times infinite."


Period. VI to Roman.

Figures. 95a, gold; 95b, gold; 95c, pewter, group 18; 95d, bronze. See type B, gold inlaid in Mariette, Sarapenum, iii, xii; also C, gold inlaid in Mar., Ser., iii, xx.

Materials. Gold 4, Pewter 1, Bronze 1.

Position. Neck 1; chest 1.

Collections. Univ. Coll. P. 4, Cairo, Horuza 1, St. Petersburg 1.

96. SERPENT (NOT URAEUS, 57).

Name. Zet (MacG. 5).

Meaning. Preservation from serpents(?). Teeth for dentition (Pliny, xxx, 47).


Period. Prehistoric to XXVI (?).

Figures. A, 96a, dark wood, serpent of Mertseger (Lanzen, Dix. Mif., cxxvii); 96b, flint, from Koptos, lst dynasty (?). B, 96c, red glass. C, two early dynastic house amulets in pottery. D, 96d, yellow-brown limestone, prehistoric, apparently to be placed round a finger or staff, two and a half turns. E, 96e, lauzi, prehistoric; 96f (pl. xlvii), limestone, prehistoric, large amulet to hang in house, scale 2 : 5.

Materials. Pottery 2, Lazuli 1, Flint 1, Yellow limestone 1, Limestone 1, Red glass 1, Wood 1.


97. SERPENT HEAD, OR FOREPART.

Name. Mengaryt, Mengabet (Lacau, 82; MacG. 1).

Meaning. To avoid snake bite. Chapter 88 of the Book
AMULETS FOR PROTECTION

of the Dead reads: “Chapter whereby all serpents are kept back”; Chapter 94: “Chapter whereby a person is not devoured by the dweller in the shrine”; Chapter 35: “Chapter whereby the person is not devoured by a serpent in the underworld.” There is nothing in these chapters to explain the amulets further.

Varieties. A, half length. B, head only.

Period. Prehistoric to XXVI.

Figures. 97a, red glass, of “the lady of the house Nefer-rempi” ; 97b, carnelian, of “the royal scribe Ptah-mes, keeper of the horses” ; 97c, d, carnelian ; 97e, sard ; 97e 2, yellow jasper ; 97f, f 2, green glass ; 97g, carnelian ; 97h, haematite ; 97j, red limestone, prehistoric. Also see 2 carnelian of Hapi (Mariette, Serapeum, iii, xi).

Materials. Carnelian 50, Haematite 1, Red limestone 1, Ivory 3, Blue glass 2, Red jasper 1, Green glass 5, Green glass 1, Brown glass 1, Gold 1, Agate 1, Yellow jasper 1.

Position. Throat (2); base of neck (1); base of chest (1).


98. COBRA ON CASE.

Name. Unknown.

Meaning. Snake’s skin eases delivery (Pliny, xxx, 44). For malaria (Bell, xiii, 20).


Period. This class of reptiles on cases is shown by the inscribed names to be as early as the XXVth dynasty; and being mentioned by Pliny it probably extended to Ptolemaic times.

Figures. Type A, 98a, bronze; 98b, bronze, cornice to box; 98c, bronze, upper part of hood broken away, inscribed “Atumu give life to Un-nefer, son of Khonsu-ardus, . . . life to Hapy, son of Shab-pa-hor”; right usat eye on front. (This is classed by Daressy as a figure of Atmu, by the inscription (Cairo Cat. 98, 704), but as Atmu never appears elsewhere as a serpent, the god is probably only invoked for the fever.) Type B, 98d, d 2, d 8, bronze; 98e, bronze. For shape of head see Descrip. Eg. Reptilia, Suppl. 3.

Material. Bronze.


99. AMPHISBAENA ON CASE.


Period. XXV to Ptolemaic.

Figures. 99a, b, bronze.

Material. Bronze.


100. PHAGRUS EEL ON CASE.

Meaning. Tooth of phagrus worn for malaria (Pliny, xxxii, 38).

Period. XXV to Ptolemaic (?).

Figure. 100a, b, c, bronze.

Material. Bronze.


101. LIZARD ON CASE.

Meaning. Spotted lizard worn in case for quartan fever. (Pliny, xxx, 30). Green lizard in case for tertian fever (Pliny, xxx, 30).


Period. XXV to Ptolemaic (?).

Figures. These vary somewhat, but different types of Gecko are not distinguishable. Type A, 101a, b, c, bronze; 101b, b 2, bronze. B, 101, bronze. C, 101d, bronze.

Material. Bronze.


102. TAURT ON CASE.

Meaning. For pregnancy, as amphisbaena in Pliny, xxx, 43.

Period. XXV to Ptolemaic (?).

Figure. 102.

Material. Bronze.


103. SHREW MOUSE ON CASE.

Meaning. Dead shrew mouse passed round boils (Pliny, xxx, 34).

Period. XXV to Ptolemaic (?).

Figure. 103.

Material. Bronze.


104. HORN.

Name. Ob.

Meaning. For evil eye (Bell, xii, 12).

Period. Roman.

Figure. 104, gazelle horn tip, Shurafeh, 1912.

Material. Horn.


105. BONE.

Meaning. Human, for ulcer (Pliny, xxviii, 11); human skull, epilepsy (Bell, xiv, 12); hare’s pastern, bowel pains (P. xxviii, 56); pig’s pastern promotes discord (P. xxviii, 81); frog, fevers and aphrodisiac (P., xxxii, 18); perch vertebra, tertian fever (P., xxxii, 88).


Period. Roman.

Figures. A, 105a, Shurafeh, 1912. B, 105b, crocodile
AMULETS FOR PROTECTION

106. CORAL.

Meaning. Worn in India for dangers (Pliny, xxxii, 11). Worn by infants (Pliny, xxviii, 7). In Italy worn against evil eye (Bell., ix).

Period. Graeco-Roman.

Figure. 106, branch of coral with silver uraeus twisted upon it. (See figure 58c, and Coral dog, 233c.)


107. CYPRAEA SHELL.

Name. Unknown.

Meaning. Protection from evil eye and witchcraft, from resemblance to vulva; (Bell., Am., 61; Fet., 38). In tombs at Ascolano (Boxi, Nuov. Antol., 1 Oct., 1912).

Period. Prehistoric to Roman.

Figures. 107a, Cyp. pantherina, prehistoric, south town, Naqadeh; 107b, Cyp. annulus, prehistoric, 1625 Naqadeh; 107c, d, same, Roman, Gheyta; 107e, Cyp. canaria, Ballas; 107f, silver gilt, same both sides; 107g, silver sheet; 107h, carnelian; 107i, 2, dark blue glaze; 107j, green glaze, Mahasna 418, VIIth dynasty; 107k, green glaze; 107l, pl. xlv, black and white porphyry, XVIIth dynasty; 107m, green glaze (pl. xli).

Materials. Shell, Silver gilt 1, Silver 1, Carnelian 1, Green glaze 3, Blue glaze 1.

Position. Necklace, and bracelets.

Collection. Univ. Coll. P. 6, E. 1, and many shells.

108. NERITA CRASSILABRUM SHELL.

Period. XIth dynasty.

Figures. 108a, b, Sinai, Serabit temple; 108c, carnelian, threaded with blue-glazed ball beads, XIIth dynasty.

Position. Necklace.


109. MITRA MACULOSA SHELL.

Period. Late prehistoric to XIIth dynasty.

Figures. 109a, b, prehistoric, Ballas; 109b, blue paste, Ballas 355, XIIth dynasty.

Position. Necklace.

Collection. Univ. Coll. P., string of beads, and many shells.

110. CONUS SHELL.

Period. Late prehistoric, XXIIth dynasty.

Figures. 110a, Zawyadeh; 110b, c; 110d (pl. xv), slice of top, Hawara, XXIIId dynasty.

Position. Necklaces.

Collection. Univ. Coll. P.

111. CARDIUM EDULE SHELL.

Meaning. Against evil eye and witchcraft (Bell., xi, 4; Fet. 47).

Period. Prehistoric to VIIth dynasty.

Figures. 111a, prehistoric, Ballas 225; 111b, same (?); 111c, carnelian, group 14; 111d, carnelian, group 1; 111e, carnelian, Mahasna, tomb 461; 111f, g, h, carnelian, group 2; 111j, carnelian, group 3.

Materials. Carnelian 8, many shells.

Position. Pectoral pendants.

Collection. Univ. Coll. P.

112. MELEAGRINA MARGARITIFERA SHELL (RED SEA PEARL).

Period. XII to XVIII.

Figures. 112a—a 5 (pl. xlii), engraved with name of Sennusat I; 112b, electrum, with name of Amenemhat III; 112c, 2, 3, 4, 5, 6, plain, of XIIth dynasty; 112d, gold, pectoral of King Rasekaten; 112e, carnelian; with glass beads, XVIIth dynasty.


Position. Pectoral pendants.


113. CLEOPATRA BULIMOIDES SHELL.

Period. Late prehistoric to VIIth dynasty.

Figures. 113a, string of shells, Ballas; 113b, bone, group 5; 113c, green felspar, group 30; 113d, c 2, sard, group 3; 113e, d, group 2.

Materials. Shells, Sard 2, Green felspar 1, Bone 1.

Position. Necklace.


(The following shells are found pierced for wearing, but no imitations are known.)

114. PECTUNCULUS VIOLACESCENS SHELL.

Meaning. Worn by Troglodyte woman against witchcraft (Strabo, XVI, iv, 17); pierced, for evil eye and witchery (Bell., Fet., 41). Worn in Rome, tombs in Forum (Boxi, Nuov. Antol., 1 Oct., 1912).

Period. Prehistoric.

Figure. 114, Ballas 519, Naqadeh 1684.

Collection. Univ. Coll. P.

115. POLINICES MAMILLA SHELL.

Period. Prehistoric.

Figure. 115, Ballas 572, Koptos.

Position. Necklace.

Collection. Univ. Coll. P.

116. CASSIS NODULOSA SHELL.

Period. Late prehistoric.

Figure. 116, Ballas 207.
AMULETS FOR PROTECTION

Position. Necklace.
Collection. Univ. Coll. P.

117. MUREX TERNSPINA SHELL.
Figure. 117.
Collection. Univ. Coll. P.

118. HELIX DESERTORUM SHELL.
Figures. 118a, b, c, prehistoric, Naqadeh 698; 118d, e, f, XIIth dynasty, Hawara; 118g, h, prehistoric, Naqadeh 1615.
Position. Necklaces.
Collection. Univ. Coll. P.

119. CLANCULUS PHARAONIS SHELL.
Period. XXVth dynasty.
Figure. 119.
Collection. Univ. Coll. P.

120. TURBO, OPERCULUM
Period. Early.
Figure. 120, Koptos.
Collection. Univ. Coll. P.

121. OLIVA SHELL.
Period. Early.
Figures. 121a, b, Koptos, Naqadeh 1567.
Collection. Univ. Coll. P.

122. TEREBRA CONSIBRINA SHELL.
Period. Prehistoric.
Figure. 122, Naqadeh 1567, Koptos.
Collection. Univ. Coll. P.

123. STONE IMPLEMENT.
Names. Peseshkef, and others.
Meaning. To open the mouth of the mummy (see 37).
Black round stones like axes are called baetuli, and longer ones keramunae; they are sacred, and potent in taking cities and fleets (Pliny, xxxvii, 51). Called “thunderstones” in Italy and Northern Europe; worn as charms against lightning and evil actions (Bell., I—III; Fct., 43; Am., 14). Also regarded as thunderstones in China.
Period. Prehistoric to XXVIIth dynasty.
Figures. 123a, yellow steatite, Vth dynasty, group 13; 123b, c, black jasper, the baetuli described by Pliny; 123d, honey sard, Hawara; 123e (pl. xliii), basalt; 123f (xliii), slate; 123g (xliii), green glaze, e, f, g, all from 1st dynasty town Abydos; 123h (xlv), green glaze, Vth dynasty, Zaraby; 123i (xv), green serpentine, prehistoric, Naqadeh 1567; 123k, silver; 123l, iron; 123m (pl. xlv), alabaster, Illahun, XXIInd dynasty.

Materials. Black jasper 2, Green glaze 2, Alabaster 1, Green serpentine 1, Yellow steatite 1, Honey sard 1, Silver 1, Iron 1.

124. BELL.
Meaning. Worn by children against the evil eye (Bell., xv, 10). In Egypt probably worn by children, as it has a head of Bes on the earlier examples.
Period. XXVI (? to Roman.
Figures. 124a, iron, Illahun; 124b, bronze, Gurob; 124c, bronze, with head of Bes on each side (pl. xlv); 124d, bronze (pl. xlvii).
Material. All Bronze and Iron.
Position. Bracelet.

125. DOOR BOLT.
Name. Scot.
Meaning. Security (?).
Period. VIth dynasty.
Figure. 125a, b, green glaze, Mahasna, tomb 13.

126. SEATED PRINCE.
Name. Repo.i-hat.
Meaning. Protector (?).
Period. XVIIIth to XIXth dynasty.
Figures. 126a, blue glaze faded white; 126b 2, red glaze, Rifeh.

127. PRINCESS.
Name. Hen.
Meaning. Protector (?).
Period. XVIIIth dynasty.
Figures. 127a, bronze Tell el Amarna, perhaps a badge worn by the household of a princess; 127b, blue glaze.
Material. Bronze 1, Blue glaze 1.

128. MEDUSA HEAD.
Meaning. To protect by repelling onlookers.
Period. Roman.
Figures. 128a, b, green glaze; 128c, green, yellow, and black glaze (xlii).

129. BULLA.
Meaning. Protection.
Period. I to Roman.
Figures. 129a, b, b 2 (pl. xliii), carnelian, group 14; 129c (xliii), green opaque serpentine, 1st dynasty town, Abydos;
AMULETS FOR PROTECTION

130. FOREHEAD PENDANT.

Meaning. To distract and avert the evil eye.


Period. Prehistoric, Modern.

Figures. 130a, shell, hook inside at lower end to hold up veil; 130b, shell, Naqadeh, T. 16; 130c, shell, Naqadeh 399; 130d, shell, Naqadeh 1848; 130e, shell, Naqadeh 1007; 130f, shell; 130g, shell, Naqadeh 1848; 130h, shell, Naqadeh 1884; 130i, 2, shell, Naqadeh 144; 130j, shell, Naqadeh, B. 223; 130k, 1, shell; 130m, shell, Naqadeh 399; 130n, black steatite; 130o, p, black and white limestone; 130q, clear green serpentine; 130r, black and white porphyry. Type B, 130s, shell carved in basket pattern, with hook at lower end to hold up a veil. Type C, 130t, u, shell, carved as female figures.

Materials. Shell 16, Black and white limestone 2, Black steatite, 1, Black and white porphyry 1, Clear green serpentine 1, Copper 1.

Position. On forehead, as found in burials, and curled to fit the position.


131. KNOTTED CORD.

Meaning. No statement of the meaning remains in Egypt, but in Europe we find according to Pliny (xxviii, 27) seven knots in the girdle effective for catching hyaenas; in xxviii, 12, a thread knotted with the names of widows is used for inguinal hernia; and knotted hairs of a she-mule for conception (xxx, 49). In modern times we read of uniting knots in cord to liberate a sailing wind, in the Isle of Man, Finland and Germany; and three times three knots east, three on each of three coloured threads in order to check a man's movements. "Among the Hadeda, knots which have been tied by a holy man, or even by a fiq (teacher), while a text of the Koran is recited, are protective, just as the ordinary heqab, or written charm in a leather case (Seligmann). The essential idea seems to be making anything certain, or controlling others.

Period. XIIth to XXVth dynasty.

Figures. 131a, knot of cord, of hollow gold, Dahshur XIIth dynasty; 131b, cords with sard pendant, blue-glazed uzat open work, papyrus charm pendants, cowry shells and uzat eye; 131c, cords with bronze Nefertum, uzat eyes and cowries; 131d, knotted card with papyrus charm pendants, uzat eyes, and Isis seated of blue glaze; 131e, with cowry shells, uzat eyes of blue glaze and bronze open-work, papyrus charm pendant; 131f, knotted cords with baboon of Tahuti seated, uzat eyes open-work, Taurt, tooth of hyaena, cowry shell, papyrus charm pendant; 131g, cord with cowry shells, uzat eyes, Bast, and papyrus charm. All from Kaf Ammar, xxiii—xxv.

Position. On the neck and chest.


132. WOVEN CHARM.

Meaning. Protection.

Period. Coptic.

Figure. 132, COHCOE ΔWPE, "May thou be saved, O! Doros," in white on a purple band. Illahun. (An Arab philosopher of this name is mentioned by Suidas.)

Collection. Univ. Coll. P.

133. CHARM CASE.

Meaning. To hold a written charm.


Period. XIIth dynasty to Modern.

Figures. A, 133a, limestone model inscribed "Bast lady of the city," early; 133b, gold foil over resin body, XIIth dynasty (?); 133c, bronze case, in form of obelisk, with doors engraved on one side, inscribed, Asar men f Seka du as f neb te: "For Seka; may Osiris establish him, and may the lord of the land give his tomb," XXVth dynasty; 133d, iron case, Balzheb, Coptic; 133e, duite, with cross lines, imitating binding (see next); 133f, roll of leather, elaborately bound with thread. For imitation charm cases in the XIIth dynasty see Dakhour, xvii, xviii, xix, xxiv; and later rough rolls of papyrus on the cords, 131 above. Imitated also by small cylinders of wood worn against witchcraft in Central Africa (Leicester Museum). See also imitation charm rolls in 131b, d, f, g.

B. The horizontal charm case is later. 133g, pottery model, Memphis, Roman; 133h, black glass rod, gold ends; 133j (pl. xliii), wood, Tell el Amarna, Roman, group 24; 133k, dark violet opaque glass; 133l, green glaze; 133m, bronze, Wushim, all probably of Roman age; 133n, bronze, Arab.

C. The square package is of Arab origin. 133o, cast lead, inscribed, La ilaha illa Allah wa khadanu la sawyd... "There is no god but Allah, and his servant shall not be put to shame": probably intended for a Copt to wear, with a colourable imitation of the Muslim formula; 133p, leather case, containing Arabic charms written on a sheet of paper, 12 x 17 inches, folded in 8 folds each way; it bears 57 lines with one magic square of 6 x 8, and another of 5 x 6, and a pentacle; modern, brought by Martyn Kennard from Nubia, 1854.
AMULETS FOR PROTECTION

D. 133q (pl. xliv), silver, peacock-blue enamel, loose plug at the top with slip inside to hold a written charm or relic; 133r, bronze imitation of previous, not opening.

E. 133s, gold hollow, with imitation Runic inscription; 133s2, small copy in lead, Copie; 133t, gold, probably a copy of an amulet case. The charm of writing 2408, the number value of the name of Bahdub the spirit of carrying, is still written on letters in Egypt.

134. HYPOCEPHALUS.

Meaning. Derived from the papyrus with the figure of a cow, which was placed under the head of the dead according to the 162nd chapter of the Book of the Dead. For an account of some fine examples see Abydos, I, p. 50, pl. lxxix.

Period. XXXth dynasty.

Figures. 134a, the deceased mummy on the back of the cow, with the winged disc and uraeus over it, fragments of formula around; cartonnage coloured red and black; 134b, reverse of a, the four-ram-headed form of Amen, adored by two baboons, two men and two women; above, the bark of the Sun; below, reversed, the cow, with the winged disc and uraeus over it; fragments of inscription: black on yellow ground. 135b 2, a larger disc with more figures (like Abyd. lxxix), and on reverse the baboons adoring the shining disc, and Isis and Nephth Hoffman with the crowned red sign between: being black with fine yellow lines it will not photograph; 134c, eight crocodile heads around a disc, with eight baboons above, and below Paunhatet offering Maat to the hawk of Ra; yellow and red with black drawing on cartonnage.

135. INSCRIBED STONE CHARMS, GREEK.

Those on the left side of pl. xxi are the inscribed reverses of those on the right side in the same order, each to each.

Figures and Materials. 134a, black glass, Serapis with Isis and Nephthys; "Isis conquers"; 135b, hard black limestone, Aphrodite drying her locks, S. Pa.; 135c, brown limestone, Isis nursing Horus, Athlathathab, blundered for Athlathanah; Bes standing, Tis Barerete for Beberete (see 135t); 135d, black steatite, Mormoron to Kobbi, possibly "A scaring for rascals," or perhaps connected with mormorion—a transparent black stone from India (Pliny, xxxvii, 68); reverse in an unknown alphabet; 135e, brown Jasper, Anubis standing by a mummy laid on a lion’s back, Abrasax; 135f, green chalcedony, lion-headed serpent radiated, three serpents across a staff behind; O Thraonē Khnomuis, Z, M, KH=647; 135g, black limestone, Set standing holding serpents and onkh; Iō Sêt Iaō; Iaō ba phren emoun (see 135aa); 135b, haematite, hawk... atba, five letters in an unknown alphabet;... or; 135j, haematite, the sun’s disc in an enclosure (see 135v, pl. xxi) with ears of corn and serpents, Isis and Anubis (? above it, Iaō or o riuouth; Aphremi, Stumbēl, Mekhta, Pakhr (? Sokar) eimi, Ikkanhatla, Eoulkhōouch, apparently the names of genii; 135k, haematite, body of Harpekroti upon a galloping lion; wreath and leaf, Enkhirian, “good fortune”; 135l, black limestone, figure standing with uraeus on head, Athene Minu Pisorados Thibrin, Pausālō: four blundered cartouches, among them the two cartouches of Ramessu II, and that of Merneptah. Tell el Yehudiyyeh; 135m, blue glass, Horus radiated in a bark, between Isis and Nephthys winged; Sabaoth Addonai, “Lord of Hosts”; 135n, blue glass, Horus on the lotus in a bark, above him three keepers (triune Creator), behind him three goats (evil persons), before him probably three hawks (justified persons), as on 135y; around, a ram, a lion, Set, Anubis and four signs lost; Phré (the sun) thbain... òoi... and three lines of unknown letters; 135o, Prussian blue glass, heart of Osiris and heart of Isis facing; He Kharis, “favour.” This may belong to the followers of Marcus, who taught the partaking of the Kharis in the wine (Iren., adv. Hær., I, xiii, 1—9); 135p, black steatite, lion-headed uraeus of Khnumu, over the sun’s disc in an enclosure, traces of inscription around; Bennu bird (soul of Osiris) with triple plant on a stand, (compare the triple plant on stand behind Min), Ias; 135q, black steatite, the bennu as before, crescent above, two serpents across a staff below; Explepti, “good digestion”; 135r, black steatite, lion-headed uraeus, in circle, two serpents across staff; bennu bird as on 135p (see 135v, w, next plate). Pl. xxii; 135s, black haematite, sun’s disc in an enclosure, lion-headed serpent over it, figure in front, bar behind; 135t, black steatite, Tis beberete; 135u, black jasper, head of Serapis, diuillusse (division uncertain); 135v, w, as 135r. On pl. xlii, 135s, jasper, dark green blood stone, Harpokrates on the lotus in a papyrus bark, with a crowned hawk on either end, star in front; 135y, haematite, figures holding a spear, star before, crescent behind; on the back Mikhael; 135z, lazuli, crowned seated figure holding phialé; on the back Primou.

135aa, bronze; for the details of this elaborate amulet it will be best to examine the facsimile on an enlarged scale (pl. xlix), with transcription and translation of the intelligible parts. On the first face is a large central figure of Bes, with two additional human faces, one on either side. The elaborate head-dress of animal heads, the four wings, and the serpent at the feet enclosing various noxious animals, are all seen on a bronze figure of Bes from the Serapeum, and on the Metternich stele (Lanzone, Dis. Mit., lxxx, lxxxi).

At the proper right is Bakhashakh; this phrase repeated adding a syllable each time, occurs in the Greek and Demotic magical papyri. The four-headed ram comes next, with the name Khab, a god of the north with four rams’ heads (Lanz., Dis. Mit., 1190). Next is the name Raou for Ra, the four-headed ram (L, D, M, clxxii). Following is the title Pk neskhibaphi, probably connected with kriphi in the Iaō formula. This is followed by Phakhō, a word found in the Leyden magical papyrus, and as Phōé in the Demotic magic papyrus. Phylax, “the guardian,” is the title of the sphinx on the opposite side of the axis. Beyond this is a griffon, with the words ḫē ḫom ḫk. ... In the next
In the third register is a partly defaced figure with two large animal legs, and a crown of seven uraei. Compare with parts of Horus in Lanz., D. M., cxxvii. This begins the Akrammakhamarix, which occurs with the termination marci in the British Museum and Paris papyri. It is almost a reversible word, and akhramakhk is the group to be explained. Possibly the Semitic kerim, gracious or noble, may be the source, and the phrase be "thy most gracious one." This would agree with the subject of Horus, trampling on crocodiles, and subduing the noxious animals. The lion in the group has Saba by it, the Arabic sabāḥ, "a lion," justifying our looking to an Arabic form for the phrase akhramakhk. Above this is a lion trampling on a skeleton, a group seen in other Gnostic objects—a magical papyrus in Paris, and a gem. Below is Abrasax, the mysterious word commonest on Gnostic amulets, which has not been explained. The numerical values of the letters total to 365. Irenaeus (adv. Haeres., i., xxiv, 7) says that the Basilidians declare that their chief is Abrasax (Greek) or Abraxas (Latin version). It is therefore a divine name.

On the reverse of the amulet are, at the top, the Divine names, Iao Iesous. Below these are three scarabs, the self-becoming animal, emblems of the Creative Trinity. Below is Horus in the bark, which shows the direction to be facing the three hawks. These birds are the souls of the Just, standing before the Trinity; behind are the evil animals going away, three goats, three serpents, and three crocodiles. Under the hawks is the reversible inscription Iao baphra emoun othilari on acu (reversing) ca ilhirk ira libho nomu nerph ab bea. This sentence is found elsewhere in completely reversible form, with kriphi in place of on in the first half, in magical papyri of British Museum, Paris, and Berlin. The substitution of on for kriphi here is of value, as showing how the sentence is to be divided, and that some equivalence may be looked for in these two words. Also the sentence breaks after emoun, as shown by 156g. In the centre is Horus seated in the lotus flower in a boat, with a figure before him. Behind is Brinteti en, which must be compared with the phrase below, Brintat enophiri, clearly enophiri is un-nefer, "the good Being," and en may be un, "the being." Behind this is a radiated lion-headed god, holding a radiated lion-headed serpent, and the onkh. This is a form of Khuunu, as he is called Khnumis Kharnous, which is a late form of Khnumu kharan, "the horned."

In the second register is a figure wrapped in wings, holding a standard. In the middle is a four-armed crowned Horus; the inscription is only legible at the end, Ph noioewuti, a prolonged form of pa neter, "the god." In front is another Horus with the royal attributes of the scourge and tail (Lanz., D. M., cxxvii, 1).

In the third register is Thoth seated, with a female figure before him, carrying a standard and other objects. Before these is a hawk with serpent tail, carrying a branch. This is named Ar po khnouphis, "Horus the creator," and behind is Brintat enophiri. This combination is found in Demotic and in the Paris Greek papyri. Below khnouphi may possibly be RoEth Thoth newrton. Below can be distinguished a lion, with perhaps Saba behind it, and a baboon of Thoth with the head of the ibis of Thoth on the back; the other signs and letters can hardly be settled without some better example of such figures.

At first sight the mixture of Egyptian, Semitic and Greek would seem incredible to a scholar of any one of the languages; yet there can be no doubt of each of these elements. The names and figures of the gods show how largely the Egyptian enters into the mixture; the Semitic is shown by Saba, the lion, which makes more probable the readings of Akhrammak and Iao la ila ma; and the Greek is evident in Aleximandrena and Phylax. The looseness, of the equivalents is seen in the variants Ra, Ran, Iao, Khnumis, Khnouphis, Brintat, Brintati, so that we cannot take literal accuracy as a criterion. The main value of this amulet is in the figures which help to attach a meaning to the phrases in the magical papyri.

The following references to papyri containing these names I owe to the kindness of Sir Herbert Thompson:—
Bakhakhub, etc., W. S. V. p. 19, No. 16, l. 50 and 70. B. M. G. P. xlvi, l. 11, 162, G. P. M. D., v 8, vi 25, viii. 10, xxvii, 13 (see note to v 8).
Ablanath, etc. B. M. xlvi, l. 63, 478 (B. M. G. P., l. 67, 80). P. P. l. 3030, L. P. G., V, 4a 8, 5a 15. G. P. M. D., l. 16, verso xxii 18, xxvii 8. Also often on gems.
AMULETS FOR PROTECTION


136. INSCRIBED STONE CHARMS, NON-GREEK.

Figures and Materials. Pl. xxi, 136a, black steatite, Horus hand in hand with another figure; two lines of inscription. Pl. xxii, 136b, five views, basalt; a divinity holding a branch standing on the back of a couchant bull; a tree, with two lines of inscription below; four lines of inscription on the base; a palm tree with two young ones; a mountain, like Mt. Argaeus on the coins of Caesarea, two lines of inscription. From the types and characters it appears to belong to the Cilician region; 136c, black steatite, Horus on crocodiles of usual type, but with hieroglyphs reduced to a barbaric imitation, as also on the back; 136d, black steatite, a figure standing with a staff in the hands, lines of characters on the back resembling Mandaite; 136e, limestone blackened, two bird-headed figures over a worshipper; four lines of degraded Semitic; 136f, two figures with a serpent coiled on a staff; three lines of degraded Semitic; 136g, slate, an ass-headed figure with legs ending in serpents; four lines of degraded characters; 136h, onyx, figure standing with four characters behind; 136j, grey steatite, unknown signs. Pl. xxiii, 138k, l, slate tablets with degraded Kufic inscriptions; 138m, black jasper, the moon and Cancer, the house of the moon; the sun and Leo, the house of the sun; barbaric imitation of inscription; this stone has been broken, and mounted in a silver band, with the suspension ring at the bottom.

137. CROSS.

Name. Stauros.
Meaning. Salvation and protection.
Period. Coptic.
Figures. A, 137a, b, c, 2 to 6 d, bronze; 137d, 2, lead; 137e, f, g, g 2 smaller, h, bronze; 137j, mother of pearl; 137k, bronze; 137l, lead; 137m, black steatite, Koptos; 137n, n, 2, with two balls on ends, o, c, 2, bronze; 137o, 3, lead; 137p, bronze; 137q, wood, and q 2, rougher; 137r, s, bone; 137e, t 2, iron; 137u, wood; 137v, y, bronze Memphis; 137w, bronze; 137x, lead; 137z, bronze, hollow reliquary case with aquamarine on the centre. B, 137aa (xlv), dark blue glass, cross white, red spots around, aa 2, similar in light blue glass. On pl. xlvi, A, 137ab, bone; 137ac, lead; 137ad, lead; 137ae, af, lead, cross in circle.
Materials. Bronze 22, Lead 8, Wood 8, Iron 2, Bone 2, Black steatite 1, Mother of pearl 1.

CHAPTER VII

AMULETS OF HUMAN-HEADED GODS

Theophoric Amulets, 188—179.

When the dim ideas of similars and of charms—such as the Eskimo now use—had given place to a belief in gods with intelligence and feelings akin to those of men, it was quite natural that the images of such deities should take the place of the stocks and stones which had been venerated. The system of amulets was at once adapted to the theistic beliefs, and figures of the gods became the most popular of all amulets. The very different numbers of amulets of the various gods show clearly which were the most generally worshipped. Horus, Isis and Osiris account for much more than half of the human-headed figures. As the eye of Horus was one of the earliest amulets, we begin with it here, as introducing the Horus group.

138. UZAT EYE OF HORUS.

Name. Uzat (MacG. 52).
Meaning. The eye of Horus. The uzat eyes are properly a pair, right and left, representing the two eyes of Horus, which are also compared to the sun and moon. The 140th chapter of the Book of the Dead refers to the sun as the eye, and was to be "Said on an eye of pure Lazuli or mak stone ornamented with gold; an offering is made before it of all things good and holy; ... another is made of jasper, which a man will put on any of his limbs that he chooses." The 167th chapter refers to an uzat eye brought by Tahuti.

Varieties. The main classes are put under different numbers here, from 138 to 142. In this class, 138, we may discriminate A, the earliest form (Old Kingdom) with very short appendages, imitating the pattern of feathers below the hawk's eye; B, larger appendages, with a flat surface; C, coloured surface; D, incised surface. The order in the plates is that of the age as nearly as can be estimated. The order of numbering and description is that of the classification.

Period. VI to Ptolemaic.
Figures. Type A, 138a, brown limestone group 8; 138b, c, d, sard, groups 1, 2, 7; 138e, green felspar, group
AMULETS OF HUMAN-HEADED GODS

30; 139f, bone, group 13; 138g, sard, group 14; 138g 2, sard, group 7; 138h, bone, group 5; 138h 2, sard, group 2; 138j, j 2, j 3, k 2, sard, group 8; 138j 4, sard, group 7. Type B, 138i, hard white calcite, back similar; 138i 2, same, back plain; 138m, volcanic ash; 138m 2, 3, diorite; m 4, syenite; m 5, grey porphyry; m 6, pink limestone; m 7, chlorite; m 8, haematite; m 9, grey marble; m 10, dark blue glass; 138n, porphyry; 138o, diorite; 138o 2, jade; 138p, steatite, XVIII, Tell Amarna; 138p 2, grey porphyry; 138q, porphyry. Type C, 138r, blue glaze, black relief; 138s, same, Memphis, XXIII; 138t, same, faded; 138u, blue, black lines, Karnak, XXV; 138u 2, similar; 138v, green glaze, Naucratis. Type D, 138w, jade; 138y, green glaze; 138w, olive green glaze; 138x, carnelian; 138x 2, dark blue, three joined; 138x 3, blue paste, Naucratis; 138y, apple-green glaze, Gizeh; 138y 2—5, blue glaze, Naucratis; 138z, dionite; 138aa, yellow green glaze; 138ab, blue and black glaze; 138bb 2, green glaze; 138ac, green glaze, Memphis; 138ad, light blue-green glaze; 138ae 2—9, green glaze; 138af, green and black glaze, Denderah, Ptolemaic; 138ag, blue (xlvii), gold, XVIII. (See 131h, c, d, e, f, also four early examples in Deshasheh and many of XXII to XXV in Higkos and Israelite Cities.)

Materials. Sard 29, Green and blue glaze 46, Porphyry 15, Amethyst 5, Green felspar 5, Gold 5, Carnelian 3, Diorite 3, Calcite 2, Grey agate 2, Haematite 3, Lazuli 2, Bone 2, Jade 2, and 1 each of Syenite, Volcanic ash, Serpentine, Chlorite, Steatite, Brown limestone, Grey marble, Pink limestone, Blue glass, Blue paste.

Position. Forehead (3); throat (5); chest (14); stomach (3); and arms and hands (3).

Collection. Univ. Coll. P. 39, E. 47. The lack of detail in most catalogues prevents the statement of these different classes.

189. UZAT EYE (UNUSUAL TYPES).


Period. XII to Ptolemaic.

Figures. Type A, open work, 139a, b, silver; 139c, electron ring; 139d, green glaze; 139e, amethyst, Kopts, XII (?); 139f, g, deep blue glaze, curved to fit the wrist, Uzat with nether, XVIII; 139g, olive and black glaze, XXIII; 139h 2—5, blue glaze; 139h 6, blue and black glass, large; 139j, k, deep blue glass, modern amulet beads, copied from uzat. Type B, inlaid, 139l, blue and black glass, inlaid with white eye glaze, and eye glaze cheek; 139m, green and black glaze, traces of red paste, inlay; 139m 2, blue glaze, Nebesheh; 139m 3—12, green glaze, Naucratis. Type C, metal plate, 139n, silver plate, incised; 139n 2 (xlvii), lead plate, similar but larger, scale 2 : 5; 139n 3 (xlvii), larger pewter plate cut to outline of eye, scale 2 : 5; 139n 4 (xlvii), copper plate, eye embossed, scale 2 : 5; 139o, bronze, eye inlaid with coloured limestone, and coloured glass above and below. Type D, on ring, 139p, jasper ring, engraved with uzat. Type E, square, 139q, green and black glaze; 139r 2—7, green, Nebesheh; 139r, dull green glaze; 139r 2, green glaze (xlvii); 139s, green glaze burnt brown; 139t, green glaze; 139u, bronze. Type F, 139v (pl. xlv), yellow glaze.

Materials. Green and blue glaze 84, Silver 3, Bronze 3, Lead 2, Electrum 1, Amethyst 1, Jasper 1, Yellow glaze 1.


140. UZAT EYE, MULTIPLE.


Period. XXIIIth to XXVth dynasty.

Figures. Type A, 140a, green glaze gone brown, two eyes alternate with two okhhs; 140b, green and black glaze, three eyes; 140c, deep blue and black glaze, two eyes. Type B, 140d, light green, inscribed Sekhem on back, Zuweley. Type C, 140e, yellow paste, with traces of blue paste inlay, reverse below; 140f, blue glaze, black lines and yellow rosette; 140g, green and black glass, two uaz plants between the eyes; 140h 2, 3, similar, Memphis; 140i, flat plate, green, yellow. Type D, 140j, green glass and black, rosette on back, 20 eyes; 140k, green gone brown; 140l, green glazed and black, uzat on back, 28 eyes. Another in Price Collection had 21 eyes.

Materials. Green and blue glaze 13, Yellow glaze 1.


141. UZAT EYE, WITH GODS.

Meaning. The 163rd chapter of the Book of the Dead concerns the mystic eyes, and is to be "Said on a serpent having two legs, and bearing a two-horned disc. Two eyes are before him, having two legs and two wings." This may refer to some such figure as the type A.


Period. XXIIIrd dynasty.

Figures. Type A, 141a, the vulture's legs and wings below the eye, and a uraeus below them. Type B, 141b, blue glaze, with white glaze eye and obsidian pupil, and red glaze inlay above and below the vulture's wings, and an arm grasping an okh, Ramesseum, XIXth dynasty (?). Type C, 141c, green-blue glaze, flat back, with 19 cats, and secondary uzat above the pupil; 141d, blue and black glaze, with 13 cats; 141e, blue and black glaze, with 9 cats. Type D, 141f, green glaze faded, with bull; 141g, green glaze, bull on table, lotus in front, 7 uraei above. Type E, 141h, green glazed, two baboons adoring the uzat eye, with mum below, plain back (compare MacO. 74). Type F, 141i, light blue glaze, couchant lion above, resting on three
AMULETS OF HUMAN-HEADED GODS

uzat eyes, behind which are 12 uraei; 141k, apple-green glaze, couchant lion, resting on 9 uraei, behind which are three uzat eyes. Type G, 141l, jade, partly decomposed, the uzat engraved on both sides, resting upon the triple hill sign, representing Horus in the horizon. Type H, 145m (pl. xlv), Ra on back, green glaze. Type J, 141n, q, p, 9, green glaze, with Sekhmet.


142. UZAT EYE, INSCHRIBED.

Meaning and Varieties. The uzat is associated with a group of seven goddesses, whose names are found singly on the square eyes, or altogether on one eye.

Period. XXIInd dynasty.

Figures. 142a, green-glazed square with uzat in relief, on back is impressed the name of the goddess Uazet; 142b, same with Bastet; 142c, with Aset; 142d, with Nebhat; 142e, with Sekhmet; 142f, with Selket; 142g, with Neit, all from Zuweleyn; 142h, blue paste, with names of Uazet, Bastet, Aset, Nebhat, Sekhmet, Selket, and Neit; 142i, light blue glaze, gone white, uzat in relief with name of Aset (?); 142j, green glaze, reverse of 141n, name of Uazet.

Materials. In general, the various types of uzat not being sufficiently distinguished in catalogues, the materials in other collections of Nos. 138 to 142 are here stated together; the materials in University College collection are stated above in detail. Green glaze 178, Blue glaze 116, Carnelian 34, Lazuli 25, Red jasper 23, Haematite 22, Obsidian 18, Porphyry 8, Serpentine 7, Prase 7, Limestone 6, Steatite 6, Syenite 6, Diorite 4, Granite 4, Green felspar 4, Blue glass 4, Basalt 3, Silver 3, Red glass 3, Gold 2, Calcite 2, Grey agate 1, Brown and green limestone 1, Crystal 1, Slate 1, Brown limestone 1, Beryl 1, Silver gilt 1, Black glass 1, Green glass 1.


143. HORUS THE HUNTER.

Name. Har.

Meaning. The overcoming of evil beasts.

Period. XXXth dynasty.

Figure. 143.

Material. Bronze.

Collection. Univ. Coll. P.

144. HORUS ON THE CROCODILES.

The great example of this usual household amulet is the Metternich stele, published by Golenischeff, 1877. Perhaps the earliest are two in limestone, which by the work may be of the XXVth dynasty, one in Cairo, 9,408, and one 14 inches wide, 15 high to broken top, with fifteen lines of inscription on the back, in University College, P., as also a smaller one in limestone 8 inches wide, perhaps XXXth dynasty.

Meaning. Protection from noxious animals.

Period. XXV (? to Roman.

Figures. 144a, white marble, ten lines of inscription on back; 144b, black steatite, reverse six lines. "Beloved of Set, Anhur and Tahuti (?). " Hail to thee god of a god; hail to thee heir son of an heir; hail to thee bull son of a bull, born of the great cow," see Metternich stele, II. 101—5; 144b, blue glaze, small, very rough; 144c, black steatite, reverse four lines, "Become Horus, Osiris, Amru and Phah," etc.; 144d, cast lead, for reverse, see below it, hawk on standard as net, Isis standing behind, Gurob; 144e (see pl. xlii), black steatite, reverse (see pl. xli), described under No. 241; 144f, light green glaze, Isis and Nebhat standing at the sides, winged Isis on the back (similar at St. Petersburg).

Collections. Cairo 27, Univ. Coll. P. 8, E. 1, Turin 6, Price 4, St. Petersburg 5, Alnwick 3.

145. HORUS THE CHILD.

Name. Har-pe-kroti.

Meaning. Horus as an infant.


Period. VI to Roman.

Figures. 155a, bone, group 8, VIth dynasty (see Deshasheh, xxvi, 92); 155b, blue-glazed quartz crystal, XIIth dynasty; 155c, d, bronze; 155d, black steatite; 155e, black steatite, Horus seated on the ground, XIIth dynasty (?); 155f, g, silver, group 16; 155g, 2, bronze; 155h, black steatite; 155i, silver, group 17; 155k, silver on ring; 155l (pl. xlv), quartz crystal; 155m—n (pl. xlv), carnelian; 155n (pl. xlv), blue glaze, Roman; 155nn (pl. xlv), blue glaze, Itahum, XXII; 155o, bronze; 155p, q, r, s, 2, bronze; 155q, on lion throne, blue glaze, Memphis; 155r, blue glaze. Type B, 155u, v, blue glaze with yellow points, group 23, Roman; 155v, 2, coarse blue glaze. Type C, 155w, x, blue glaze with yellow points, group 22, Roman. Similar figures of B and C types, of large size, in rough terra cotta, are very common as household amulets of Roman age; 155y (pl. xlvii), dark blue glaze, holding club; 155z, green glaze, phallic, holding baboon and vase (xxvii).

Materials. Blue glaze 18, Bronze 9, Green glaze 7, Silver 4, Carnelian 4, Quartz crystal 1, Black steatite 2, Glazed quartz 2, Lazuli 2, Grey glaze 1, bone 1.


146. HORUS ON LOTUS.

This is not known before Greek times, and so may easily be an Indian idea imported; but Horus in the marshes of Buto is so ancient an idea that the type might well arise in Egypt.
AMULETS OF HUMAN-HEADED GODS

Figure. 156, gold, with traces of blue glass inlay in the lotus, group 15. From north of Abydos.
Materials. Blue glaze with yellow points 2; Green glaze 1; Gold 1.

147. HEAD OF HORUS.

Period. Roman.
Figures. 147a, b, green-blue glaze.

148. ISIS AND HORUS.

Name. "The heir and Isis" (see MacG. 60).
Meaning. The protection of Isis.
Varieties and Period. A, seated on ground, V/IIth dynasty.
B, seated on throne. XXVI to Roman.
Figures. Type A, 158a, b, steatite, glazed, with geometrical patterns below, V/IIth dynasty.
B, 158c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, green glaze.
Materials. Green glaze 19, Blue glaze 14, Bronze 5, Silver 2, Steatite 2, Lazuli 1, Agate 1, Blue glass 2, Grey glaze 1.

149. ISIS.

Period. XVIII to Roman.
Figures. Type A, 149a, bronze, fringed garment; 149b, dark blue glass, orange glass crown; 149c, d, dark blue glass; feet of d, green glass, another figure; 149e, bright blue glaze, Ramsesseum, XXth dynasty (?); 149f, gold, group 15, Isis or Mut, not Neit by the urneis, see 164 Mut; 149g, silver, group 15; 149h, pewter plate, group 18; 149i, glaze faded white, Hawara, group 32; 149j, glaze blue, grey, Memphis, group 27; 149k, blue glaze with yellow points, Roman, group 22; 149m, green-black glaze, possibly Neit; 149n, 2, 3, 4, 5, green glass. Type C, 149n (pl. xlvii.), bronze.
Materials. Green glaze 20, Blue glaze 18, Grey glaze 7, Lazuli 7, Blue glass 4, Gold 3, Silver 1, Bronze 2, Pewter 1, Brown glaze 1.
Position. Throat (1); on chest in row of gods (18); stomach (1).

150. ISIS MOURNING.

Meaning. Protection by Isis.
Period. Ptolemaic.
Figures. Type A, 160a, b, g 2, gilt wax, Denderah, group 20; 160c, (d, not in plate), e, green and black glaze, Denderah, group 21; 160f, blue and black glaze, Denderah, 21, with two feathers on head, as 149g. Type B, 160g, blue and black glaze, standing, Denderah, 21; 160h, green and black glaze, Denderah, 21.
Materials. Blue or green glass 5, gilt wax 3.
Position. Shoulders and chest (4).

151. ISIS PHARIA.

Name. Isis Pharia, of the Pharos at Alexandria, entirely of Greek origin.
Meaning. Protection of sailors; the goddess is reclining in a barge and holding a steering oar.
Period. Ptolemaic and Roman.
Figures. 151a, green glaze faded brown; 151b, violet-blue glaze; 151c (xvi), pale blue glass, on back, Uel; 151d, coin of Gallienus, showing the type clearly.
Material. Green glaze 1, Violet glass 1, Pale blue glass 1.

152. ISIS, NEBHAT, AND HORUS.

Meaning. The goddesses as protectresses.
Period. XXVI to Roman.
Figures. 152a, b, green glaze, no inscription, loop on back; 152b, 2, 3, 4, green glaze; 152c, bronze, the right-hand figure has the hair dressed in two horns as Isis, between the busta is a minute bust of Horus crowned.
Materials. Green glaze 49, Blue glaze 13, Grey glaze 4, Yellow glaze 1, Bronze 1.
Position. On breast (2); along with large zad, or line of zad amulets, on chest or stomach (4); on thighs.

153. GROUPS OF GODDESSES.

Period. XXVth to XXVIth dynasties.
Figures. 153a, green glaze, Isis, Hathor, Mut, Nebhat, Sekhmet; these can be better identified on a blue-glazed pentad found at Hawara (Labyrinth, xxxi); 153a 2, green glaze Isis, Bast and Hathor (Edw.).
Collections. Univ. Coll. P. 1, E. 1, Manchester.

154. NEBHAT.

Meaning. Protection, as Nebhat protected Horus.
Period. XXVI.
Figures. 154a, green glaze; 154b, brown glaze (burnt); 154c, olive glaze; 154d, e, blue glaze; 154f, olive glaze; 154g, 2, green glaze faded, Hawara; 154h, 3, 4, green glaze; 154i (pl. xliii.), light green glaze, inscribed on back, "Nebhat give life to Nes . . ."); 154j (pl. xlv), light green glaze.
AMULETS OF HUMAN-HEADED GODS

Materials. Green glaze 2, Grey glaze 7, Blue glaze 6, Lazuli, 4, Yellow glaze 2, Brown glaze 1, Blue glaze 1.
Position. Chest (11); stomach 1.
Collections. Turin 18, St. Petersburg 10, Univ. Coll. P. 8, E. 2, Murch 2, Athens 1.

155. NEBHAT MOURNING.
Meaning. Protection, as Nebhat protected Osiris.
Period. Ptolemaic.
Figures. 155a, gilt wax, Dendereh, group 20; 155b, blue glaze, Dendereh, group 21.
Position. With No. 150, Isis mourning.

156. OSIRIS, ISIS, AND HORUS.
Meaning. Protection by the Triad. Horus always in front, and Isis behind.
Period. Ptolemaic and Roman.
Figures. 156a, a 2, gilt wax, Dendereh, group 20; 156b, blue and black glaze, Dendereh, group 21; 156c, dark blue and black glaze, group 26; 156d, black steatite, the heart of Osiris, between Isis wearing the two feathers, and Horus crowned, with the club in his hand; the back divided into 8 by 6 squares; traces of Greek cursive writing scratched on the ground between the figures.
Materials. Blue glaze 2, Steatite 1, Gilt wax 1.

157. OSIRIS.
Period. XXVI to Roman.
Figures. 157a, a 2, 3, 4, b, b 2, c, c 2, e 3, bronze, b from Memphis; 157d, gilt wax, Dendereh; 157e, e 2, blue glass; 157f, green glaze, Dendereh, group 21; 157g, h (pl. xiv), wax.
Materials. Bronze 20, Blue glaze 5, Green glaze 1, Wax 3.
Position. Stomach (1); feet (1).
Collections. Univ. Coll. P. 8, E. 5, Turin 8 (B and C), Athens 4, St. Petersburg 3.

158. HEART OF OSIRIS.
Meaning. The heart of the god supplied to the deceased; this branched into the idea of the heart scarab.
Period. XVIII to Roman.
Figures. Type B, 158a, black-green chlorite, XVIIIth dynasty; shrine on front, Osiris and Ra seated at the sides; around the figure six lines of inscription, beginning, "Speech of the Osirian (an official of Amen, Pa Shedet, and continuing with a random portion of the usual chapter of the heart, xxx B. The person may be that named on a Cairo stele, quoted in Lieblein, Dict., 657. Type A, 158b, black steatite, with female head, XIXth dynasty; 158c, alabaster; 158d, black steatite; bennu bird on front; on back Asar neb zed, "Osiris lord of Mendes"; 158e, brown steatite, traces of shrine on front; 158f, white quartz; 158g, blue and black glaze, XIXth dynasty; 158h, bronze, disc on head, Memphis. Type B, 158j, black steatite, blue paste inlay, scarab on front. Type C, 158k, bronze, on front, shrine, disc, scarab with wings, two gods at sides; 158l, bronze, two uraei head dress; shrine with a hawk on each corner and disc above it, disc and uraei below, scarab winged; six figures of gods at sides; 158m, bronze, shrine, winged scarab, on back lotus; 158n, green glaze, shrine; 158o, bronze, on front heart amulet, shrine with two seated figures, scarab, at sides four figures with raised hands adoring, two seated figures below; 158p, bronze, shrine, disc and uraei, scarab, at sides two figures with raised hands; 158q, mottled black and white steatite, shrine, winged scarab with disc; on back a hawk displayed with two feather fans; 158r, brown pottery, scarab (?) on front, Roman; 158s, brown pottery, winged scarab and disc, shrine below.
Materials. Bronze 7, Steatite 5, Pottery 2, Alabaster 1, White quartz 1, Chalcedony 1, Agate 1, Blue glaze 1, Green glaze 8, Chlorite 1, Limestone 1.

159. ORACULAR BUST.
Name. Hez medu Asar (repeated with other gods, Kheper, Atum, and Ra) Lersrus, Denk., iii, 224 i.
Meaning. "Illumination by speech of Osiris," or of Kheper, Atum, or Ra. This appears to show that the bust was an oracle of the god, and being called the "illumination" or "clearing," it may be connected with the Semitic oracular Urim. It appears on a stele, adored by a woman making offerings (Mariette, Abydos, ii, 60); as a bust between two jackals on a stele (Rosellini, Mon. Civ., cxxxiv, 2); and as a glazed pottery bust at Tell Amarna (Amarna, xvii, 277-8). The form of it, a head and chest only, would accord with the idea of the power of speaking.
Period. XVIII to XIX dynasties.
Figures. 159a, wood, XVII; 159b, limestone, XVIII (reduced about a tenth); 159c, d, blue glaze with black paint, XVIIIth dynasty; 159e, violet glaze, Tell Amarna, XVIII; 159f, green glaze, faded, XVIII; 159g, 2, blue glaze; 159h, bronze, with arms on the breast; 159i, bronze, flat behind head, as if fitted against a surface, with bust full thickness below; 159j, ivory with electrum loop, pre-historic; may be an early form of the oracular bust.
Materials. Blue glaze 9, Green glaze 2, Bronze 2, Violet glaze 1, Limestone 1, Ivory 1, Wood 1.
Collections. Univ. Coll. P. 9, E. 1, Turin 1 (1281).
AMULETS OF HUMAN-HEADED GODS

160. HORUS AND MIN.

Name. Min is named "Horus, son of Isis of Koptos" (Lanz., Div. Mit., xvii).
Period. XXVI (?).
Figure. 160, bronze.
Collection. Univ. Coll. P.

161. MIN.

Period. XXVI to Roman (?).
Figures. 161a, bronze, Memphis; 161b, c, e 2, d, bronze; 161e, f, 2, g, green glaze; 161h, green glaze, Denderah, group 21; 161j, green glaze, with yellow points, group 28, Roman; 161k, female, silver, part of a tablet, Min and heads of Hathor; on back, winged disc and uraei, "Ra," two usat eyes, etc.
Position. Chest (1).
Collections. Cairo 21, Univ. Coll. P. 9, E. 2, St. Petersburg 4, Turin 2.

162. AMEN.

Period. XXVI.
Figures. 162a, d, 2, bronze; 162b, light blue glaze; 162c, blue glaze; 162d, light green head.
Materials. Green glaze 5, Blue glaze 2, Bronze 4, Gold 1, Silver 1, Granite 1.

163. AMEN, MUT AND KHONSU.

Period. XVIII.
Figure. 163, dark blue glaze.
Materials. Green glaze 1, Blue glaze 1.
Collections. Turin 1, Univ. Coll. P. 1.

164. MUT.

Period. XXVI (?).
Figures. 164a, blue glaze; 164b, bronze; 164b, pewter, b 3, 4, 5, blue glaze; 164c, silver, group 16: 164d (pl. xlv), violet glaze, Rifeh, XIXth dynasty; 164e, apple-green glaze (xlvi); 164f, head on cylinder, blue glaze (xlvi).

165. KHONSU.

Period. XXVI.
Figures. 165a, bronze; 165b, green glaze (pl. xxxi).

166. ANHUR.

Period. XXVI (?).
Figure. 166, bronze.
Materials. Bronze 1, Green glaze 1.
Collections. Cairo 1, Univ. Coll. P. 1.

167. SHU.

Period. XII, XXX.
Figures. 167a, silver, hollow; 167b, carnelian, both XIIth dynasty (?); 16c, d, e, f, light blue glaze; 167e, 2, 3, 4, 5, 6, green glaze.
Materials. Green glaze 65, Blue glaze 7, Grey glaze 6, Bronze 2, Silver 1, Carnelian 1, Yellow glaze 1.
Position. Chest (2); stomach (1).
Collections. Cairo 33, Turin 22, St. Petersburg 14, Univ. Coll. P. 6, E. 5, Murch 1.

168. NEIT.

Varieties. A, standing, B, suckling two crocodiles.
Period. XXVI to XXX.
Figures. A, 168a, pewter plate. B, 168b, light blue glaze, Neit suckling two crocodiles (see Lanz., Div. Mit., clxv). Seated figure (see MacG. 75); 168c, lazuli (xlvii).
Position. Chest (5).
Collections. Cairo 3 (2 B), St. Petersburg 3, Univ. Coll. P. 2, E. 1, Turin 1, Murch 1.

169. UNKNOWN DIVINITIES.

Period. Ptolemaic to Roman.
Figures. 169a, bronze, female in Greek chiton with hands advanced, on the back of the head the face of a bear; possibly Artemis Brauronia; 16b, blue glaze with yellow points, Roman, squatting female; 16c, blue glass, female holding breasts, Syrian influence (?); 16d (pl. xxxi), male figure green glaze with yellow points, Roman; 16e, squatting female, dark blue glaze (pl. xlvii); 16f, squatting female, blue glaze with yellow points (pl. xlvii).
Materials. Blue glaze with yellow points 2, Green glaze with yellow points 1, Dark blue glaze 1, Blue glass 1, Bronze 1.

170. HATHOR.

Name. "The habitation of Horus," apparently the mother of one of the forms of Horus, distinct from the Isis tradition. Especially venerated as the Mother Goddess.
Period. Ist to XXXth dynasty.
Figures. Type A, 170a, gold, group 15; 170b, silver, group 16; 170c, e 2 (pl. xlii), bone, group 5, Vth dynasty; 170d, gold, Hathor and ead, group 4, VIIth dynasty. Type B (pl. xxvii), 170e, e 2, f, f 2, carnelian, es, porphyry; 170g, g 2, carnelian; h, h 2, h 3, carnelian, porphyry, XVIIIth dynasty; rudely cut open work. Hawara. These figures all have long hair, and appear to be female; they have a crescent and disc on the head, probably Hathor; they appear to be engaged in forming the body of the deceased person for future life, in the attitude of the
AMULETS OF HUMAN-HEADED GODS

Khnumu creative figures, as Lanz., Diz. Mit., ccxxxvi, 3. Perhaps, therefore, they are the seven Hathors who create a person. 170f, bronze (xlvi).

Materials. Carnelian 4, Blue glass 4, Porphyry 2, Gold 2, Silver 1, Bone 2, Bronze 1, Limestone 1.


171. HEAD OF HATHOR.

Name. Her ne polit, "human faced" (Lacauf, 84).

Varieties. The head of Hathor appears worn by King Narmer upon his waist cloth; also later with a straight wig, and with curling ends to the wig. As an amulet, it appears on the neck of the sacred Aht cow (Lanz., Diz. Mit., 1).

Period. I to XXX. Apparently also prehistoric (Nagada, lxiv, 94).

Figures. 171a, b, gold, XVIIIth dynasty; 171c, grey-green glaze, XXXth dynasty (?); 171d, blue glaze, XVIIIth dynasty; 171e, apple-green glaze, piece of large disc, XXVIth dynasty; 171f, blue glaze; f2, blue paste, XVIIIth dynasty; 171g (pl. xiv), blue glaze, Illahun, XXIInd dynasty.

Materials. Green glaze 8, Blue glaze 3, Yellow glaze 2, Gold 2, Blue paste 1, Black, glaze 1, Grey glaze 1, Blue glass 1 (Naqada), Lazuli plaque 1.

Collections. Turin 10, Univ. Coll. P. 7, Murch 2, St. Petersburg 1.

172. MAOT.

Meaning. Impersonation of Truth, not worshipped as a divinity.


Figure. 172, Lazuli.

Materials. Lazuli 10, Green glaze 1, Red glass 1.

Position. Throat (1); chest (6).

Collections. Cairo 6, St. Petersburg 2, Univ. Coll. P. 1, Athens 1.

173. HATMEHYT.

Name. Hatmehyt, the goddess of Mendes, wearing the sacred fish of Mendes. (See No. 285.)

Period. XXVI.

Figures. 173a, apple green glaze; 173b, dull green glaze, blundered inscriptions on the back of each.

Collections. Cairo 5 (glassed), Univ. Coll. P. 2.

174. SELKET.

Period. XXVI to XXX.

Material. Lazuli 14, Schist 1.

Position. Throat (1); chest (3).

Collections. Cairo 11, St. Petersburg 2, Univ. Coll. E. 2.

175. NEFERTUM.


Period. XXVI.

Figures. Type A, 175a, violet glaze, no back pillar; 175a2, blue glaze; 175b, green glaze, on back pillar, "Speech of Nefertum, son of Sekhmet, giving life, lady of . . ."; 175b2, bronze, b 3, green glaze (xlvi); 175c, bronze; 175d, light blue glaze; 175e, silver, group 17, Memphis. Type B, 175f, light green glaze. A, 175g 2, light green glaze, g 3 lazuli, very rude. (See also 131c.)

Materials. Green glaze 1B, Blue glaze 8, Bronze 5, Silver 4, Violet glaze 1, Yellow glaze 1, Lazuli 1.

Collections. Cairo 16 and 3 B, Univ. Coll. P. 5 and 1 B, E. 5, Turin 4, St. Petersburg 3 and 1B.

176. PTAH SEKER.

Name and Meaning. Ptah, god of the dynastic race at Memphis, united with Seker of Saqqareh, the primitive god of the dead, or of "silence"; fote Mertseker, "lover of silence," the goddess of the Theban necropolis.


Period. XVIII to Ptolemaic.

Figures. 176a, b, black and white porphyry, XVIIIth dynasty; 176c, blue glaze, XVIII; 176d, green glaze, XVIII; 176e, green glaze, side view, XIX; 176f, blue glaze, with scarab on head, XXII; 176g, blue glaze, crowned, Illahun, XXII; 176h, h 2, green glaze, XXVI; 176i, j 2, burnt green glaze; 176k, green glaze; 176l, l 2, 3, 4, 5, 6, 7, 8, 9, burnt green glaze; 176m, bronze, solid casting with raised figure; 176n, blue glaze, eating serpents (xlvi); 176o, (xlvii), green glaze; 176p (xlvi), green glaze, Bast with spread wings behind, Illahun, XXIII.

Materials. A, Green glaze 55, Blue glaze 15, Yellow glaze 2, Porphyry 2, Quartz crystal 1, Syenite 1, Carnelian 1, Bronze 1, Ivory 1. B, Green glaze 8. C, Blue glaze 2.


177. PTAH.

Period. XXVI to XXX.

Figures. 177a, bronze; 177b, b 2, green glaze; 177c, bright green glaze, Memphis; 177d, schist, Illahun (xlvi).

Materials. Green glaze 15, Blue glaze 5, White glaze 1, Gold 1, Bronze 2.


178. DWARF.

Meaning. Compare the gobbo in Italy.

Period. Roman.
AMULETS OF HUMAN-HEADED GODS

Figures. 178a, lazuli, fine work; 179b, yellow glass.


179. SAINTS.

Meaning. Protection by saints.

Period. Third century A.D. to Coptic.

Figures. 179a, bronze; 179b, bronze; 179c, lead, figure with nimbus in middle, on each side a figure adoring; 179d (pl. xlv), lead, horseman with nimbus, and spear in hand striking a kneeling figure below, crescent above; reverse, traces of six lines of inscription; 179e, lead, figure holding long cross, another with arms raised; reverse Eos theóς ho boethón, "In God is help"; 179f (pl. xvi), amber-yellow glass, Jonah asleep under the gourd, ship in the background; this class of yellow glass pendant is dated to about 250 A.D. by heads of Philip and Otacilia. Univ. Coll. P. 6.

CHAPTER VIII

AMULETS OF ANIMAL-HEADED GODS

Theophoric Amulets, 180—208.

The primitive animal worships of the Egyptian nomes may well have had a totemistic basis—though that is questioned. There is no doubt that they largely modified the ideal of anthropomorphic gods which probably came in with the Libyan race at the beginning of the prehistoric civilization. The two different ideals were reconciled, like the different races, by fusion. The human figures acquired the animal heads; and in no point is the artistic skill of the Egyptian shown better than in the facile union of such incongruous subjects as the ibis or snake with the man. Each stock of the mixed race clung to its own beliefs, and down to Roman times the animal-headed gods were as much venerated as any others.

180. HORUS.

It is difficult to separate between the figures of the gods Horus and Ra, who were so intimately blended. The only practical course, where no inscription exists, is to class plain hawk-headed figures as Horus, and those with the disc of the sun upon his head as Ra.


Period. XVIII to Roman.

Figures. Type A, 180a, bronze. B, 180b, ebony; 180c, bronze; 180d, e, green glaze, and f, Hawara (pl. xlv); 180e, 2, 3, light blue glaze; 180g, pewter plate, group 18; 180h, green glaze; 180j, blue glaze, Denderah, group 21; 180k, green glaze, classed as Hor-heduthi in Cairo catalogue; 180l, blue glass; 180m, blue glaze, mumiform, perhaps Kebhsenuf, son of Horus (see 182); 180n, lazuli, perhaps Kebhsenuf (pl. xlv), group 28; 180o, 2, 3, blue glaze, probably Kebhsenuf (182); and 180p, 3, statite, but no fellow figures are known of the other genii. Type D, 180q (pl. xxiii), blue glaze, yellow points, Roman; Horus of the eastern and of the western horizons hand in hand. Type E, 180q, green glaze.

Materials. Green glaze 54, Blue glaze 9, Yellow glaze 6, Grey glaze 4, Red glaze 1, Lazuli 5, Blue glass 2, Bronze 2, Pewter 1, Ebony 1. Type C, Green felspar or prase 10. Type D, blue glaze with yellow points 7 (4 at St. Petersburg).

Position. In main row of gods on chest (10); stomach (1).

Collections. Cairo 40, Turin 24, St. Petersburg 18, Univ. Coll. P. 18, E. 2.

181. RA.

Varieties. A, standing, or B, seated; always hawk-headed with disc.

Period. XXVI to XXX.

Figures. 181a, bronze; 181b, green glaze, small, a 3, alabaster, small; 181b, bronze, having a crescent below the disc it appears to be Ra-Khonsu; with the crescent the god is named as Khonsu, never as Ra; but this is Ra-Khonsu, as Khonsu strictly is human-headed with the youthful lock of hair; 181c, 2, 2, olive-green glaze; 181c 3—7, blue glaze; 181d (pl. xlv), green glaze faded, Hawara; 181e (pl. xlv), shell, Ilahabon, XXInd dynasty; 181f, apple-green glaze plaque, holding the nes sceptre, and called Hor-mer-tef (Lanz., Dis. Mit., xvii); 181g, white glass; 181h, blue glaze, Ra in his boat adored by the baboons, XVIIth dynasty.

Materials. Green glaze 28, Blue glaze 12, Yellow glaze 2, Grey glaze 6, Lazuli 1, Bronze 2, White glass 1.

Position. In the row of gods on the chest (6); throat (1).

Collections. Turin 16, Cairo 14, Univ. Coll. P. 7, E. 9, St. Petersburgh 7, Athens 1, Murch 1.

182. FOUR SONS OF RA.

Names. Amset, human head; Happy, baboon head; Duat mutef, jackal head; Kebhsenuf, hawk head.

Meanings. Amset or Mestha, probably the "statue" or image. Happy, perhaps Happy the bull god of Memphis, who presided over the great cemetery of Memphis. Duat mutef, "the underworld is his mother." Kebhsenuf, "Coolness is his brother." Each son protected one part of the body; Amset the stomach and large intestines, Happy the small
AMULETS OF ANIMAL-HEADED GODS

intestines, Dust mutef the lungs and heart, Kebhsenuf the liver and gall. The four are often shown standing together on a lotus flower before Osiris.

Varieties. Executed in all kinds of material, metals, wax, pottery, vegetable paste, bead-work, etc.

Period. XXIII to Roman. (On tops of jars from XIth dynasty, but all human-headed.)

Figures. 182a, gold; 182b, pewter, group 18; 182c, gilt wax; 182d, red pottery; 182e, e 2, blue glaze with red paint, with winged scarab; 182f, green glaze, with applied blue; 182g, wax; 182h, white and red glaze; 182j, red glass; 182k, blue glaze; 182l, dark blue glaze, with black heads, also with scarab and girdle tie; 182m, Dust mutef, blue glazed schist; 182n, blue glaze; 182o, black wax; 182p, black clay, with blue paint on heads; 182q, green glaze; 182r, blue glaze, with black paint, Denderah, Ptolemaic, group 21; 182s (pl. xxxiii), blue glaze on one plaque, Denderah, group 21 and see 93f, g (pl. xi.)


Position. Usually in two pairs facing, on the chest (9) or stomach (2), below the winged scarab.

Collections. Univ. Coll. P. 49 (others in funerary section), Turin 27, St. Petersburgh 7, Murch 4.

183. SET.

Period. XXVI (?). Extremely rare as an amulet, as well as in larger figures.

Figure. 183, bronze, wearing double crown, the upright ears shown on either side.

Materials. Bronze 1, Blue glaze 1, Red wood 1.

Collections. Cairo 1, Univ. Coll. P. 1, Turin 1.

184. SPHINX, MALE.

Period. VI, XVIII, XXVI.

Figures. 184a, brown limestone, fine work, XVIIIth dynasty; 184b, green glaze, of Graeco-Assyrian style; also 184c 2, lazuli, of Ramessu II; 184d 3, blue paste, of Sery II.

Materials. Green felspar 4, Amethyst 2, Lazuli 2, Carnelian 1, Limestone 1, Green glaze 1, Blue paste 1.


185. SPHINX, FEMALE.


Period. VI to Ptolemaic.

Figures. A, 185a—d, bone, possibly intended for a human-headed vulture of the goddess Mut, group 13. Type B, 185e, f, t 2, green felspar, apparently a cat body, group 30; 185g, h, carnelian, group 14; 185j, green glaze faded, Memphis, XXIIIth dynasty by the form of hair; 185k, k 2, l, green glaze, black hair, XXVI; 185m, green and black glaze, Denderah, Ptolemaic; 185n 2, yellow glass, small.

Materials. Green felspar 28, Amethyst 4, Carnelian 2, Bone 4, Green glaze 5, Lazuli 1, Yellow glass 1.


186. HATHOR COW-HEADED.

Period. XVIII to XXVI.

Figures. 186a, dark blue glaze, XVIII; 186b, light green glaze, XXVI; 186c, d (pl. xiv), green glass, burnt.

Materials. Green glaze 2, Blue glaze 2, Green glass 2.

Position. Throat (1); chest (1).

Collections. Cairo 2, Univ. Coll. P. 4. (See also 210.)

187. KHNUMU.

Meaning. The Creator, popular in late times as Khnouphis.

Varieties. A, statuette. B, outline on plaque (Hawara 4, pl. 1).

Period. XXVI.

Figures. Type A, 187a, bronze; 187b, dark green glaze; 187c, coarse green glaze; 187d, red glaze (? burnt green); 187e, f, f 2, Hawara, group 32, f 3, g, all green glaze.

Materials. Green glaze 46, Blue glaze 8, Yellow glaze 3, Grey glaze 3, Red-grey glaze 7, Red glaze 1, Carnelian 1, Bronze 1, Blue paste 1.

Position. In row of gods on chest (4); stomach (1).

Collections. Cairo 30, Turin 20, St. Petersburgh 11, Univ. Coll. P. 8, E. 1, March 1.

188. BES or BESA.

Name. Besa, the native name of Cynæelurus guttatus.

Meaning. The god of children, of dance and games.

Varieties. Dealt with under 189, 190.

Period. XVIII to Roman.

Figures. Pl. xxxiv, 188a, b, gold, XVIII; 188c, red paste, Tell Amarna, XVIII. Pl. xxxiii, 188d, schist, dark green glaze, XVIII; 188e, dark blue glaze, XVIII; 188f, 2, blue glaze; 188f, steatite, XIX (?); 188g, silver, XIX (?), head-dress very high; 188h, white schist; 188h 2, blue glaze, larger; 188j, j 2, green glaze; 188k, dark blue glaze with yellow points, Roman; 188l, light blue, similar; 188m, green, n, o, p, blue, with yellow points, Roman; 188q, bronze; 188r, bright blue, XX (?); 188s, dark green, thin, XVIII; 188t, light blue glaze, Memphis; 188u, light green glaze; 188v, grey glaze; 188w, w 2, green gone brown, blue and yellow applied, Roman; 188x, dark violet glass, seated; 188y, light green, seated; 188z, green gone grey, with yellow points, Roman, Bes under archway with two columns; 188aa, ab, blue glass impressed; 188ac, violet glass, XVIII.

Materials. Green glaze 52, Blue glaze 46, Blue or green with yellow points 7, Red glaze 2, Grey glaze 4, Blue glass 3, Green glass 1, Gold 4, Silver 1, Bronze 4, Carnelian 2, Steatite 2, Schist 1, Violet glaze 1.
AMULETS OF ANIMAL-HEADED GODS

Collections. Cairo 59, Univ. Coll. P. 27, E. 9, Turin 18, Alnwick 18, Murch 3.

189. BES, UNUSUAL FORMS.


Period. XVIII to Roman.

Figures. Type A, 189a, blue glaze, holding sa before him, the other hand holding the tail of the skin, XVIII. Type B, 189b, blue glaze. Type C, 189c, violet glaze, XVIII. Type D (see Cairo). Type E, 189d, faded blue glaze, yellow points, Roman; 189e, blue glaze, Roman (type common in household pottery amulets). Type F (see Turin). Type G, 189f, violet glaze, XVIII. Type H, 189g, blue glaze, Roman. Type J, 189h, blue glaze, yellow points, Roman. Type K (only in household pottery amulets). Type L, 189j, light blue glaze, a double figure with four heads. Type M, 189k, glaze faded white, figure on top, and central figure missing, XXVI.

Materials. Green glaze 14, Blue glaze 15, Blue with yellow points 2, Yellow glaze 3.

Position. Necklaces, especially of children.


190. BES HEAD.


Period. XXIII (?) to Roman.

Figures. Type A, 190a, light green, probably part of a figure; 190b, light green glaze; 190b 2, violet glaze, large; 190c, d, d 2, blue glaze, XXIII; 190e, yellow and brown glaze; 190f, green glaze, part of a figure; 190g, blue glaze, faded; 190h, violet glaze, Roman; 190j, clear white glaze, Roman; 190k, green glaze; 190l, 2, 3, green glaze, small, Naukratis; 190m, blue glaze, Memphis; 190m, blue glaze, Roman. Type B, 190n, plaque of schist, both sides shown. Type C, 190o, blue glaze, lotus on back; 190p, green glaze. Type D, 190q, glaze burnt black, reverse shown below; 190q, 2, blue glaze; 190q 3, green glaze, pierced; 190r, light green glaze, reverse usat eye; 190s, pottery mould, Memphis. A, 190t (pl. xlvi) green glaze; 190u, blue paste with four-winged Bes straddling on the base.

Materials. Green glaze 11, Blue glaze 9, Yellow glaze 3, Limestone 1, Violet glass 1, Clear glass 1, Blue paste 1, Violet glaze 1.


191. TAHTU OF PANEBES.

Name. "Tabut of Panebes in Nubia" (Lanz., Diz. Mit., ccxiv), probably known as the deity of the malachite mines there (B. D. G. 335).

Period. XXVII (?)

Figure. 191, light blue glaze, good sharp work.


192. MAHES.

Name. Maa-hes, "the striking lion.

Period. XXVI to Ptolemaic.

Figures. 192a, bronze, with atef crown on head; 192b, blue, 0, 2, 3, 4, c, light green glaze; 192d, violet glaze; 192e, light blue glaze, Mahes (?) holding two lions (?).

Materials. Green glaze 23, Blue glaze 8, Bronze 8, Blue glass 2.


193. ANHUR AND TEFNUT.

These deities are associated on a group in the Louvre, (Lanz., Diz. Mit., 77).

Period. XVIII.

Figures. 193a, b, blue glaze.


194. SEKHMET OR BASTET.

Many figures cannot be separated between these two lion- or cat-headed goddesses, so they are here classed together.

Period. XVIII to XXX.

Figures. 194a, blue glaze, faded, the dress suggests a male god, but the head is exactly like those of the goddesses (see Cairo 38,587); 194b, bronze, holding sistrum, basket, and segis, certainly Bastet; 194c, blue paste, on back "Speech of Bast . . ."; 194d, green glaze; 194e, silver, group 16 (see pl. xxxvi); 194f, g, blue glaze, XIX (?), Sekhmet, by disc on head; 194h, blue glaze, Illahun, XXII; 194i, 2, green glaze; 194j, k, l, light green glaze; 194l (pl. xlvi): ll 2, 3, 4, 5, 6, 7, blue glaze; 194m, light blue glaze; 194n, schist, figure of Sekhmet, probably part of a menat; reverse, Nebheka and other figures, see below; 194o, alabaster, tapering body and legs, SaA; 194p, dark blue glaze, female kneeling, offering to Bastet, name twice on back, see below; 194q, blue glaze, Ramessum. On pl. xlv, 194r, blue faded, Sekhmet, Memphis; 194s, bronze, with double crown; 194t, wood, XXII, Illahun. On xlv, 194u, green glazed, seated; 194v, head on a pillar, blue glaze (xlvi).

Materials. Green glaze 48, Blue glaze 86, Grey glaze 8, Silver 1, Bronze 2, Electrum 1, Schist 1, Blue paste 1, Gypsum 1, Alabaster 2, Wood 1.
AMULETS OF ANIMAL-HEADED GODS

Collections. Cairo 36, Univ. Coll. P. 16, E. 8, Turin 20, St. Petersburg 17, Murch 1.

195. AEGIS OF BASTET (AND MUT ?).

This is in form of a deep collar of beadwork, usually surmounted by a lion's head; it has a menat attached to it at right angles behind (see the socket of 195a), and it is carried by the menat in the left hand of Bastet. The name and meaning of it are unknown.

Period. XXII to XXVI.

Figures. 195a, bronze, front and back of both aegis and menat; 195b, b 2, blue glaze, faded white; 195c, blue glaze, side view of head, with Nehebka, uraeus and usat; reverse, collar; 195d, green glaze with yellow lines, Roman; 195e (pl. xiv), silver gilt; 195f, silver; 195g, g 2, blue glaze, head of Mut (?), Illahun, XXII; 195h, bronze, female head; 195j, blue glaze, head of Mut (?); 195k, l, bronze, female head with disc and horns, Isis (?) 195m, n, bronze, lion head.

Materials, as above, Univ. Coll. P. 18, E. 2, St. Petersburg 1, green glaze.

196. SHU AND TEFNUT.

The heads of these twin deities are often figured at the top of a menat of bronze.

Period. XXVI.

Figures. 196a, bronze, inscribed "To Shu and Tefnut. Thapa, son of Duha, born of Kare-zas"; the name Thapa, after the hippopotamus goddess Apot, belongs to the XIXth dynasty (Lxn., Dict., 769); Duha, called after the moon god, suggests the XXVIth dynasty; and Kareza, "son of the Karian," points also to the Early Greek age (L., Dict., 2996); 196b, bronze; 196c, bronze. At St. Petersburg, 1 of bronze with lion head.

197. ANPU.

Meaning. Anpu, Anubis, was the protector of the dead, the god of the cemetery frequented by the jackals.

Period. XXVI to Roman.

Figures. 197a, b, c, d, bronze; 197a 2, 3, 4, green glaze, smaller: 197e, f, violet glass; 197f 2, 3, 4, 5, 6, 7, 8, green glaze; 197g, blue glaze; 197h, steatite; 197j, blue glaze, Dendereb, Ptolemaic, group 21; 197k, blue glaze with yellow points, Roman; 197l, bronze, kneeling, pouring water (see Cairo, 58,669; see 35m); 197m (pl. xiv), bone, Illahun, seated; 197n (pl. xiv), ebony, seated.

Materials. Green glaze 60, Blue glaze 19, Grey glaze 5, Black and yellow glaze 2, Red glaze 1, Blue glaze 3, Grey glass 2, Yellow glass 2, Bronze 8, Wood 7, Bone 1, Porphyry 1, Quartz crystal 1, Carnelian 1, Agate 1.

Position. Chest (2).


198. UPUATU.

Names. "The opener of the ways."

Meaning. Guidance to the soul, as the jackal's tracks show the best way in the desert.

Period. Ptolemaic (?).

Figure. 198, black steatite, kneeling figure with a hawk's body behind, and with two jackal heads, the god being double, of the north and of the south.


199. JACKAL-HEADED ARCHER.

This god is not identified.

Period. XXII (?).

Figure. 199, wood. (See Cairo Catalogue, 88,857.)

Collections. Cairo 1, Univ. Coll. P. 1.

200. SHREWMOUSE-HEADED FIGURE.

This appears to be a male figure; as the shrew mouse was sacred to Horus, it may be a form of that god.

Figures. 200, bronze. (See Cairo Catalogue, 88,859.)

Collections. Cairo 1, Univ. Coll. P. 1.

201. SEBEK.

Principally honoured as the god of writing and knowledge.

Period. XXVI to XXX.

Figures. 201a, green glaze, Tehuti holding an usat eye in each hand; on back "Speech of Tehuti, lord of Shmun great god, lady (sic) of heaven . . . " 201b, green glaze faded, Hawara; 201b, 2, 3, 4, 5, 6, green glaze; 201c, blue glaze, with violet beak; 201d, 2, 3, lazuli; 201b, green glaze; 201e, 2, pewter plate, group 18; 201f, bronze; 201g, green-blue glaze; 201h, steatite charm tablet, with figure of Tehuti; rossete and line of Demotic on reverse; 201j, 2, 3, blue glaze; 201k, bronze; 201l, green glaze (pl. xlii).


Position. In the main row of gods on the chest (9); stomach (1).

AMULETS OF ANIMAL-HEADED GODS

203. SERPENT-HEADED GOD.

Name. Khet-ba-mutef is represented crowned with a disc, perhaps the same as 203b, which has disc and crescent (Lanz., Diz. Mitt., 998).

Figures. 203a, blue-green glaze, two serpent heads, on back a blundered inscription, beginning Ra nofer ar . . .; 203b, bronze, Khet-ba-mutef (?); 203c, bronze; 203d, lead, possibly a serpent head.

CHAPTER IX

AMULETS OF ANIMAL GODS

Theophoric Amulets, 204—261.

Miscellaneous, 262—275.

The worship of sacred animals survived in Egypt for thousands of years alongside of higher beliefs. Beginning probably before the earliest civilisation of which we have remains, it is found to be prominent in all the great centres, and most of the names. The bulls of Memphis and Heliopolis, the ram of Thebes, the hawk of Edfu, are the remains of older faiths, long before Ptah and Amen and Horus had eclipsed them in those cities. The popularity of the animal worship did not wane till Roman times; the abundance of amulets of sacred animals shows how much was thought of them. Though some animal figures here are not known to be connected with a god, that is to be expected, as it was not always that a junction with later theology could be performed. The old independent animal worship would not have any priesthoods or inscriptions by which we can recognise them; and it is only the making and wearing of these figures which shows what animals were venerated.

204. APE STANDING (Cercopithecus).

Period. XXVI to Ptolemaic (?).

Figures. 204a, a 2, faded green glaze; 204b, b 2, violet glass; 204c, faded green glaze, Memphis; 204d, green glaze, burnt brown, ape standing over kneeling woman; 204e (xlvii), green glaze.

Materials. Green glaze 20, Blue glaze 11, Lazuli 1, Blue glass 2, Basalt 1, Bronze 1.

Collections. Cairo 17, St. Petersburg 6, Turin 4, Univ. Coll. P. 4, E. 3, March 35 (amethyst 27, carnelian 4, lazuli 8, green felspar, attitude not stated).

205. APE SEATED.

Period. VI to XXX.

Figures. 205a, bone, Vth dynasty, group 4; 205b, green glaze, burnt red; 205c, blue glaze faded white, Memphis; 205d, green glaze, faded.

Materials. Green glaze 4, Yellow frit 2, Blue glaze 1, Bone 1.

Collections. Univ. Coll. P. 4, Cairo 8, St. Petersburg 1, Murch.

206. BABOON (Papio).

Period. VI to Ptolemaic.

Figures. 206a, bone, group 6; 206b, bone, group 8; 206c, green-blue glaze, group 9; 206d, blue glaze, group 12; 206e, green glaze, XIX (?); 206f, two baboons, crowned with disc and crescent, electrum, XVIII; 206g, blue glaze, XVIII; 206h, white schist, on back "Tehuti lord of Shmun"; 206i, bronze; 206j, green glaze, holding usat; 206k, blue glaze, Dendereh, Ptolemaic, group 21; 206l, green glaze, Ilahun, XXIIInd dynasty. (See also 131f.)

Materials. Green glaze 15, Blue glaze 9, Yellow glaze 3, Red jasper 1, Carnelian 1, Agate 1, Red glaze 1, Blue glass 2, Lazuli 1, Bronze 2, Bone 2, Onyx 1, Schist 1, Electrum 1.

Collections. Turin 19, Univ. Coll. P. 12, St. Petersb 9, Cairo 5, Murch 4, Athens 1.

207. APIS.

Name. Hap. There is no connection yet known between this and Hap, the Nile, or Hapy, one of the four sons of Horus.

Meaning. The sacred bull Hap was the primitive worship of Memphis, like the sacred bulls with other names in other cities.


Period. XXVI to Roman.

Figures. Type A, 207a, bronze, on a sled, disc and uraeus between the horns; 207b, c, bronze, with disc and uraeus; 207b, 2, blue glaze. Type B, 207d, green glaze; 207e, silver embossed plate, bull regardant, with garland hung over it; 207f, cast lead plate, bull fed by a kneeling priest, garland above; 207g, blue glaze, with black and yellow applied, bull regardant; 207h (pl. xiv), blue glass impressed.

Materials. Bronze, 14, Yellow glaze 9, Blue glaze 10, Green glaze 8, Yellow glass 2, Blue glass 3, Silver 1, Lead 1, Schist 2.
AMULETS OF ANIMAL GODS

Collections. Cairo 12, St. Petersburg 10, Univ. Coll. P. 9, E. 1, Turin 9, Athens 8, Alnwick 2, Murch 1 B.

208. HATHOR COW.

Name. Erpet ḏḥt (MacG. 58); the Aht cow belonged to Hathor, by the amulet or badge worn on the neck (Lanz., Dis. Mit., I).


Period. XVIII to Roman.

Figures. 208a, fine blue glaze, mid XVIII; 208b, light green glaze, XXVI; 208c, blue glaze, moulded, flat back, XIX; 208d, bronze, cut out of a sheet; 208e, moulded wax, gilt, group 20; 208f, apple green glaze, Dendereh, Ptolemaic, group 21; 208g, blue glaze, couchant (xlvi).


Position. Chest (1); stomach (2).


209. HATHOR COW ON SQUARE.

Varieties. A regular naos, on a plain square plaque.

Period. XXVI to Ptolemaic (?).

Figures. 209a, light blue glaze, with dark green-blue inlay; 209b, blue-green glaze, impressed cow, with relief of uzat above; 209c, green glaze, faded brown, disc between the horns; 209d, light blue glaze, disc between the horns; 209e, cast lead plate, disc between the horns, feeding stand in front, star and crescent above. The last is distinctly a cow, the previous four might be intended for a bull, but the similarity of c, d, and e points to the same meaning.

Materials. Bronze 11, Blue glaze 6, Green glaze 6, Steatite 8, Green frit 2, Lead 1.

Collections. Cairo 28, Univ. Coll. P. 5, St. Petersburg 1, Athens 1.

210. HATHOR COW HEAD.

Period. XVIII (?)..

Figures. 210a, white opaque quartz, covered with green glaze, inscribed on back "Hathor lady of N . . . ", broken from a figure; note the two plumes above the disc; 210b, bronze, human face on back, short stem below; 210c, bronze, cow head (back up); 210d, apple green glaze; 210e, violet glaze, human wig at sides.

Materials. Bronze 2, Quartz glazed 1, Apple green glaze 1, Violet glaze 1.


211. RAM.

Name. Sera.

Meaning. Creator, as Khnumu, Amon and Ra.

Varieties. A, couchant. B, standing. C, four-headed emblem of Ra, at Mendes, the souls of Ra, Osiris, Shu, and Khepera.

Period. Prehistoric to Ptolemaic.

Figures. 211a, noble serpentine; 211b, dark green serpentine, both prehistoric; 211c, lazuli, with the characteristic long flocce; 211d, d 2, light green glaze; 211e, silver; 211f, green glaze burnt brown, Memphis; 211g, dark blue glaze; 211h, light green glaze; 211i, deep blue glaze with yellow points, group 22, Roman; 211k, apple-green glaze, Dendereh, Ptolemaic, group 21; 211m, schist, ram couchant under tree, ureaen in front; reverse, title and name of Shabaka, XXVith dynasty; 211m (pl. xli), bronze, with two heads. C, 211n (pl. xlii), lazuli.

Materials. Blue glaze 26, Green glaze 15, Lazuli 5 (4 of C), Steatite 2, Silver 1, Bronze 2, Schist 2, Carnelian 1, Serpentine 1, Red glaze 1.

Collections. Cairo 16 (2 of C), Turin 10, Univ. Coll. P. 10, E. 1, St. Petersburg 6, Alnwick 5, Athens 2, Murch 4.

212. RAM'S HEAD.


Period. Prehistoric to Ptolemaic.

Figures. Type A, 212a, black steatite; 212b, noble serpentine; 212c, carnelian; 212d, noble serpentine, pale oil-green; 212d 2, green serpentine, Tarkhan; 212e, c 2, ivory, stained green; 212f, durite; 212g, g 2, alabaster; 212h, brown serpentine, veined; 212j, carnelian; 212k, dark green serpentine; 212l, alabaster; 212m, dark serpentine, ostrich eggshell eye. Type B, 212n, silver; 212o, bronze; 212p, green glaze faded brown; 212q, blue glaze, Dendereh, Ptolemaic; 212r, hollow bronze case, with blue glass eyes, ring for hanging beneath mouth; 212s, schist scarab with ram's head, name of Shabaka on reverse, XXVith dynasty. Type C, 212l (two views), green glaze, serpent on one side, winged serpent on other, on front disc with uraei, si ra Amen mery, and blundered signs.

Materials. Prehistoric, Alabaster 3, Carnelian 3, Noble serpentine 2, Ivory 2, Green serpentine 1, Black serpentine 1, Black steatite 1, Brown serpentine 1, Durite 1. Historic, Grey glaze 8, Green glaze 2, Green felspar 1, Blue glaze 1, Blue paste 1, Gold 1, Silver 1, Bronze 2, Schist 1, Brown limestone 1.


213. HARE.

Name and Meaning. Sekhat. Used probably as the hieroglyph for Un, being, and hence probably used for Un-nefer, the good being, or Osiris.

Period. XXVI to XXX.

Figures. 213a, light green glaze; 213b, glaze faded white; 213b 2, green glaze; 213c, light blue glaze.

Materials. Green glaze 22, Blue glaze 17, Yellow glaze 1, Carnelian 1.
AMULETS OF ANIMAL GODS

Collections. Cairo 22, St. Petersburg 8, Turin 5, Univ.
Coll. P. 3, E. 1, Athens 1, Murch 1.

214. IBEX (Capra nubiana).
Meaning. “Ba the divine, above the gods” (Lanz, Dis.
Mit., 190).
Figure. 214, green glaze, onkh on base.
Collections. Univ. Coll. P. 1, E. 1, March 1.

215. BARRELY SHEEP (Ovis lervia).
Figure. 215, serpentine, green partly gone brown,
no horns, but a heavy long head.

216. KLIPSCHRINGER (Oreotragus) (?).
Period. XVIIIth dynasty.
Figure. 216, green glaze on schist, two scrolls on base.
The small head, long neck, and marking of coarse hair
seem to define this identification. Short curved horns have
lain over to the shoulder, but are broken away.

217. CAMEL.
Meaning. Hairs from tail used for quartan fever (Pliny,
xviii, 25).
Period. Roman (?).
Figure. 217, bronze, flat plate.

218. HAWK-HEADED SPHINX.
Period. Prehistoric.
Figure. 218, hard white limestone with gold bands, no
tail.
Collection. Univ. Coll. P. 1. (See 244, as Menta.)

219. LION.
Name. Seno (couchant).
Meaning. To guard or defend.
crouching man.
Period. Prehistoric to Ptolemaic.
Figures. Type A, 219a, hard white limestone; 219b,
black and white porphyry, both prehistoric; 219c, amethyst,
XII; 219d, d 2, d 9, bone, VI, group 5; 219e, gold, VI; 219f,
light blue glaze; 219g, light blue glaze, faded; 219h 2,
light green glaze, XXVIIIth dynasty; 219j, blue and black
glaze, Dendereh, Ptolemaic; 219k, k 2, blue glaze, VI, group
11, XII, Kafr Ammar; 241 (pl. xlvi), carnelian, early (see
Nagada, ivii; Deshashek, xxvi, 15); 219m (xlvi), green
glaze, with flower of Nefertum on head; 219n, with squat-
ing man before, head turned back, blue glaze with yellow
points, Roman (xlvi).
Materials. Green glaze, 16 (2 of B, 2 of C), Blue glaze
16, Grey glaze 1, Gold 1, Bronze 1, Amethyst 1, Carnelian 1,
Milky agate 1, Porphyry 1, Lazuli 1, Hard white limestone 1,
Bone 3.
Position. Chest (6); Stomach (1).
Collections. Cairo 16, Univ. Coll. P. 14, E. 2, Turin 9,
St. Petersburg 7, Murch 2.

220. TWO LIONS.
Name. Khens (MacG. 56); two fore-parts joined.
Meaning. The Mahes (see 192) of north and south
(Lanz., Dis. Mit., 269). See vignette of Chapter 17, Book of
the Dead.
Varieties. A, two fore-parts joined. B, two lions
rampant.
Period. A, VIth to XXVIIth dynasty. B, Prehistoric,
Coptic.
Figures. Type A, 220a, a 2, sard, VIth dynasty, group 7;
220b, bone, VIth dynasty (?); 220c, light green glaze,
XXVII; 220d, blue glaze; 220e, ivory, Old Kingdom (?)
(see Deshashek, xxvi, 26). Type B, 220e, iron disc incised,
Coptic, Illahun, indistinct signs between and above (see
two rampant lions on ivory ring, prehistoric, in Nagada, n).
Materials. Green glaze 8, Blue glaze 2, Brown glaze 1,
Grey glaze 1, Sard 1, Cloudy agate 1, Ivory 2, Iron B. 1.
Position. Chest (1).
Collections. Univ. Coll. P. 6, E. 1, Turin 3, St. Peters-
burg 2, Cairo 2, Price 1.

221. LION’S HEAD.
Period. XXXth dynasty.
Figure. 221a, light green glaze, flat back (similar Aln-
wick, 604); 221b, e (pl. xlv), green glaze, Illahun, XXIInd
dynasty; 221d, coarse blue glaze Roman (see 269).

222. LION AND BULL, FORE-PARTS.
Period. XXVII.
Figure. See Cairo catalogue.
Collections. Alnwick 5, St. Petersburg (695), 2, Cairo 1.

223. TWO BULLS, FORE-PARTS.
Period. This is a very ancient combination, appearing
on one of the predynastic slate palettes (Capart, Primitive
Art, fig. 170). The amulets are of the XXVIIth dynasty.
Figures. 223a, pale green glaze, Hawara; 223b, green
glaze gone brown, Hawara, group 32; 223c, olive green
glaze.
Position. Chest (1).
**AMULETS OF ANIMAL GODS**

224. CAT.

**Name.** Man. 224c, and 229d, 224e, and 224d.
**Meaning.** Emblem of the goddess Bastet.

**Period.** XVIII to Roman. Very common on necklaces of XXIInd and XXIIInd dynasty.

**Figures.** Type A, 224a, silver, group 16; 224b, c, light green glaze; 224d, green glaze burnt brown; 224d 2, blue and black glaze; 224d 3, olive glaze; 224e, light blue glaze; 224e 2, bronze; 224f, blue and black glaze, Denderah, Ptolemaic, group 21; 224g, blue glaze, with yellow points, Roman. Type B, 224b, lion or cat; 224j, cat, green glaze, XIXth dynasty, Kaff Ammar; 224k, blue glazed schist, Ymen on base, XVIII; 224k 2, blue-glazed pottery; 224l, dark blue glaze, Amen-ra in cartouche on base, dubious. Type C, 224m, blue glaze, Denderah, Ptolemaic, group 21.

**Materials.** Green glaze 22, Blue glaze 13, Bronze 9, Grey glaze 8, Carnelian 1, Yellow glaze 1, Black glazed 1, Purple glaze 1, Black limestone 1, Silver 1, Blue paste 1.

**Position.** Feet (1).

**Collections.** Turin 18, Univ. Coll. P. 12, E. 4, Cairo 11, St. Petersberg 10, Edinburgh 8, Murch 3.

225. CAT IN SHRINE.

**Period.** XXVI.

**Figure.** 225, green glaze, papyrus stem and head on each of the three sides, Memphis. Also a rough solid imitation, green glaze (Edw.)

**Collection.** Univ. Coll. P. 1, E. 1.

226. TWO CATS ON COLUMN.

**Varieties.** Three in Cairo have only one cat on the column.

**Period.** XXIII.

**Figures.** 226a, h, g, green glaze, octagonal column, blunted inscription on front, “Speech of Bastet lady of Pa Bastet”; 226c (pl. xliii), column with feet of cat, inscribed “Speech of Bastet ...”

**Materials.** Green glaze 6.

**Collections.** Cairo 4, Univ. Coll. P. 2.

227. CAT AND KITTENS.


**Period.** XXII to XXVI.

**Figures.** 227a, bronze, two kittens; 227b, light green glaze, five kittens, three in front, one each side; 227c, green glaze, one kitten.

**Materials.** Green glaze 7, Green-glazed stone 2, Purple glaze 1, Carnelian 1, Bronze 1.

**Collections.** Cairo A, 8 (3, 6 and 9 kittens), B, 6, Univ. Coll. P. 8.

228. SET ANIMAL.

**Period.** XIX (?).

**Figures.** 228a, light blue glaze, impressed plaque; 228b, dark blue glaze, perhaps Mentu as a hawk-headed lion (see also 183 for set, and engraved stone 135 g).

**Collections.** Univ. Coll. P. 2.

229. JACKAL STANDING.

**Name.** Upuatu.

**Meaning.** “Opener of ways” for the soul (see 198).

**Figures.** 229a, light blue glaze; 229b, c, bronze; 229d, bronze, and 2, green glaze, with the two serpents in front (compare the two serpents that led the way for Alexander to the Oasis); 229e, bronze, the four Upuata (of the four quarters) who open the way for the sun in the underworld (Lanz., Diz. Mit., colv).

**Materials.** Bronze 5, Green glaze 1, Blue glaze 1.

**Collections.** Univ. Coll. P. 5, St. Petersberg 2, Cairo 1.

230. TWO JACKAL HEADS.

**Name.** Upuatu of the south and north.

**Figure.** 230, hard brown limestone, pierced under the tip of the ears, flat base.

**Collection.** Univ. Coll. P. 1.

231. JACKAL COUCHANT.

**Name.** Anpu, Anubis.

**Meaning.** The guardian of the cemetery, and of the dead in the judgment.

**Varieties.** A, on ground. B, on shrine.

**Period.** XXVI to Roman.

**Figures.** Type A, 231a, blue glaze, XIX; 231b, blue glass Ptolemaic; 231c, blue and black glaze, Denderah, Ptolemaic, group 21. Type B, 231d, e, pewter plates with za serpent above, group 18; 231f, g, h, blue and black glaze, Denderah, Ptolemaic, group 21; 231j, green glazed schist (pl. xxxviii).

**Materials.** Blue glaze 8, Black glass 8, Blue glass 1, Pewter 2, Haematite 1, Blue paste 1, Green glaze 1, Grey glazed 1, Bronze 1, Wood 8.

**Position.** Chest (3); stomach (3).

**Collections.** Turin 9, Univ. Coll. P. 8, Athens 4, St. Petersberg 2, Murch 2.

232. SHREW MOUSE.

**Meaning.** Sacred to Horus and Uazet. Passed round boils as a charm (Pliny, xxx, 34).

**Varieties.** A, standing. B, on box.

**Figures.** Type A, 232a, b, c, d, e, bronze. Type B, 232f, bronze, as also two at St. Petersberg.

**Collections.** Univ. Coll. P. 5, St. Petersberg 2.

233. DOG.

**Meaning.** As these dogs are all short-legged, they probably refer to watching and guarding the person, and not to hunting.

**Period.** Roman and Coptic.
AMULETS OF ANIMAL GODS

Figures. 233a, b, bronze; 233c, red coral, dog seated; 233d, dark blue glaze with yellow points, Roman, group 22; 233e, mother of pearl, Coptic; 233f, 2, light blue glaze, dog lying down.

Materials. Green glaze 3, Blue glaze 2, Bronze 2, “Black and white stone” (Cairo) 2, Syenite 1, Red coral 1, Shell 1.

Collections. Univ. Coll. P. 6, Cairo 4 (2 seated, 1 lying paws crossed, 1 curled up), Murch 1.

234. PIG.

Names. Apdh, Rera, Sdau.

Meaning. Sacrificed to Osiris annually. Pig standard of the sixth and seventh months, Mekhir and Phamenoth (Lanz., Die Mitt., vii).

Period. XXVI.

Figures. 234a, b, light blue glaze; 234c, 2, light green glaze. All sows.

Materials. Green glaze 20, Blue glaze 11, Black glaze 2, Yellow glaze 1.


235. HIPPOPOTAMUS.

Name. Apt.

Meaning. Sacred as Taurt (see 236).

Period. Prehistoric. Copper plate, XVIII (?).

Figures. 235a, noble serpentine, hippopotamus feeding, under the base a wavy line in relief, perhaps a serpent; 235c, e, brown steatite; 235d, pink limestone, a frequent ornament for attachment to legs of water skins; 235e, 2, small, round, dolomite, Tarkhan, 1298; 235e, copper plate.

Materials. Brown steatite 2, Pink limestone 1, Noble serpentine 1, Copper 1, [Green glaze 1, “White stone” 1, Blue glaze 1, Cairo.]


236. TAURT.

Name. Taurt.

Meaning. “The great one,” the goddess of pregnancy.


Period. A, VI to XVIII; B, XVIII to XX; C, Pretolemic.

Figures. Type A, 236a, blue glaze, VIth dynasty, Zaraby; 236b, c, bones, VIth dynasty, group 8. B, 236d, greenish limestone with gold crown, XXVI, group 15. A, 236e, f, indigo blue glaze, XVIIIth dynasty; 236g, indigo blue glaze, Tell Amarna, XVIIIth dynasty; 236h, 2, schist, blue-glazed, XIIth dynasty, Kahun; 236i, mottled glass, black, white, blue and red, XVIII; 236j, violet glass, XVIII; 236k, 2, blue glazed schist; 236l, black steatite, XIX; 236m, green-glazed schist; 236n, green glaze; 236o, violet glass, XVIII; 236p, 2 to 17, necklace of blue glaze, XVIII; 236q, lauzil, group 28 (pl. xlv); 236r, green glaze, black hair and back; 236s, bronze; 236t, green glaze with yellow feathers, fine work, XVIII (?); 236u, green glaze, XXVI; 236v, red Jasper for inlay; 236w, w, 2, 3, 4, 5, 6, green glaze; 236x, bronze; 236y, 2, 3, 4, green glaze; 236z, glass, burnt; 236aa, blue glaze, Denderah, Ptolemic, group 21. C, 236ab, double Taurt, violet glaze XVIIIth dynasty. A, 236ac, black and white serpentine (pl. xlv).

Materials. Blue glaze 54, Green glaze 51, Yellow glaze 2, Grey glaze 2, Lazuli 2, Violet glass 2, Bronze 2, Haematite 3, Bone 2, Porphyry 1, Red glaze 1, White glaze 1, Violet glaze 1, Red-grey glaze 1, Blue glass 1, Mottled glass 1, Schist green-glassed 1, Schist blue-glazed 2, Jasper 1, Black steatite 1, Limestone 1, Breccia 1, Serpentine 1.

Positions. Diaphragm (2); stomach (1); feet (1).

Collections. Cairo 45, Univ. Coll. P. 41, E. 10, Turin 84, St. Petersburgh 25, Murch 5.

237. HIPPOPOTAMUS HEAD.

Period. VIth to XIIth dynasties.

Figures. 237a, green glaze on schist, button seal with head of Hathor and serpents; 237b, sard, head and forepaws broken from a figure; 237c, carnelian, group 9; 237d, e, f, carnelian, group 14; 237g, deep red sard; 237h, j, k, l, amethyst; 237m, carnelian; 237n, black-green Jasper; 237o, p, black-green serpentine; 237q, green glaze, Xlth dynasty, Diospolis.

Materials. Green felspar 18, Amethyst 13, Carnelian 9, Black serpentine 3, Sard 2, Black Jasper 1, Glazed schist 1, Green glaze 1.


238. HEDGEHOG.

Period. XX to XXVI (?).

Figure. 238, on base a fish and a crocodile. (All have incised bases.)

Materials. Green glaze 7, Blue glaze 8, Agate 1, “White stone” 1, Brown agate 1, Black glaze 1, Schist 1 (above), Steatite white glaze 1, Steatite green glaze 1.

Collections. Athens 7, Cairo 6, Alnwick 2, Univ. Coll. P. 1, Murch 1.

239. TURTLE (Trionyx Triunguis).

Name. Opesh.

Meaning. The animal of death and darkness. The Book of the Dead in Chapter 36 reads: “Chapter whereby the Opeshet is kept back. Away from me thou with parted lips! I am Khnumu the lord of Shenu, who am bringing the words of the gods to Ra, and I announce the news to Nebes.” In late papyri it is turned into a black beetle; but the name shows it to be the turtle.

Period. Prehistoric to XIIth dynasty (?).

Figures. 239a, brown agate; 239b, carnelian; 239b 2, 3, black serpentine.
AMULETS OF ANIMAL GODS

Materials. Amethyst $2$, Carnelian $2$, Black serpentine $2$, Porphyry $1$, Brown agate $1$, Limestone $1$; and coiled gold wire (see Des. Eg., V, 59, 36—7).


240. CROCODILE.


Meaning. Emblem of Sebek the crocodile god.


Period. XIIth to Roman.

Figures. Type A, 240a, bronze, the Sebek-Ra crocodile, with hawk head, and wings raised, on the head a crown of uraei, two horns and the papyrus crown; upon a corniced stand, without inscription. Type B, 240b, sard; 240c, haematite; 240d, grey steatite, Roman; 240e, dark blue glaze, XVIII; 240f, 2, 3, rough blue glaze, XIIth dynasty, Kafr Ammar; 240g, black steatite, Roman; 240h, light green glaze, Memphis; 240i, blue glaze with yellow points, Roman; 240j, shell, Coptic (pl. xiii). Type C, 240k, bronze, crocodile with boy in his mouth, the lower jaw on the front of the boy, and the suspension ring under the throat, Memphis. Type D, 240l, two crocodiles, grey steatite. Type B, 240m (xvi), green glaze, and m 2, 3, 4, 5, Nebesheh. Type E, 240n (xvii), bronze.

Materials. Green glaze 29, Blue glaze 15, Steatite 4, Yellow glaze 1, Grey glaze 1, Bronze 3, Sard 1, Haematite 1, Porphyry.

Collections. Cairo 26, Univ. Coll. P. 12, E. 6, St. Petersburg 4, Turin 4, March 1.

241. WARAN (Varanus niloticus).

The short puffy body and narrow tail distinguish this from the crocodile figures.

Period. Prehistoric.

Figure. 241, ivory, suspension hole under chest.


242. LIZARD.

Period. XXVI.

Figure. 242, light green glaze, suspension ring at each end, Memphis.


243. MENTU STANDARD.

Meaning. Protection of the god of war. No. 243f, and perhaps others, seem to be “the harpoon of Horus of Edfu” (Mar., Dend., iii, 69 c).

Varieties. A, with the lance or harpoon point. B, with the aegis of Menfut.

Period. XIXth to XXVth dynasty.

Figures and Materials. A, 243a, bronze, lance head above the head of Menfut; 243b, bronze, with the lance head and a hawk over the head of Menfut, forked base to the staff; 243c, ebony, the Menfut head at the base of a harpoon; 243d, grey steatite, the lance head above the Menfut head, forked below; B, 243e, dark blue glaze, aegis of Menfut on head of staff, XXI (?); 243f, bronze, head of Menfut with disc; 243g, bronze, aegis of Menfut on staff, double feathers on head, uraeus at each side. (See three large examples from Koptos at Berlin. Koptos, xxi. 4, 5, 6.)

Collection. Univ. Coll. P. 7; Berlin 3.

244. HAWK-HEADED SPHINX.

Meaning. The king as Menfut.

Period. XIX.

Figure. 244, red jasper, with carouche of Ramses II. on base.

Collection. Univ. Coll. P. 1 (see 218, as sphinx).

245. HAWK, FALCON.

This royal bird is more correctly called a falcon.

Name. Bak (MacG. 55); Sâh (MacG. 24, B. D. G. 982) = the bandaged hawk (Lacau, 95).

Meanings. The bird of Horus of Edfu. The king’s soul. Hawk of Sopd or Seker.


Period. Prehistoric to Ptolemaic.

Figures. Type A, 245a, yellow and black serpentine; 245b, c, bone; 245c, greenish limestone; 245d, bone; 245e 2, sard, Tarkhan, 1626; 245f, noble serpentine; 245g, ivory; 245h (pl. xiii), grey steatite, all prehistoric; 245i, j 2, j 3, j 4, bone, VIIth dynasty, group 4; 245j, bone, group 4, VIIth dynasty; 245k, green felspar; 245l, blue glaze, Hu, XIth dynasty; 245m, n, o, amethyst; 245p, q, carnelian, group 14: h—q, VIIth to XIIth dynasty; 245r, dark indigo glaze, XVIII (?); 245s, green glaze, VIIth dynasty (?); 245a, sard, Riqqeh, XII; 245l, green schist; 245m (xlii), blue glaze, Denderah, Ptolemaic, group 21; 245n, blue glaze, on shoulders of Isis; 245w, black Jasper; 245x, jade, fine work; 245y, y 2, y 3, y 4, green glaze; 245z, light blue glaze; 245aa, hard green limestone; 245ab, green glaze; 245abc, blue paste, Naucratis; 245ac, green glass burnt; 245ac 2, steatite, Nebesheh; 245ad—ad 4, gold, XVIIIth dynasty, ad 2, larger, silver (see pl. xlv); 245ae, bronze; 245af, af 2, af 3, green glaze; 245ag, blue and black glaze, head turned sideways, Denderah, Ptolemaic, group 21: 245ah, blue and black glaze, group 21; 245aj, light blue glaze, group 21; 245ak (pl. xlv), red glass, for inlay; 245al (pl. xlv), silver on resin body, XIIth dynasty.

Type B, 245am, black steatite, Horus with the serpents of south and north, as described in the battles of Horus and Set at Edfu, reverse Horus in triumph (pl. xliii); 245an, lead plate, the crowned hawk with the serpent before him.
AMULETS OF ANIMAL GODS

249. VULTURE FLYING.

Period. XXVI (?).
Figures. 249a, green-glazed pottery; 249b, blue-glazed.

250. GOAT Sucker (Caprimulgus).

Period. Prehistoric.
Figures. 253a, ivory; 253b, carnelian.

251. BIRD HEADS.

Period. Prehistoric.
Figures. 251a, b, c, slate; 251d, slate, 1781 Naqadeh; 251e, slate, 146 Naqadeh; 251f, slate, 1865 Naqadeh.

252. COPTIC BIRD AMULETS.

Period. Coptic.
Figures. 252a, b, c, c, d, shell, perhaps intended for the hoopoe.

253. BIRD'S FOOT.

Period. Coptic.
Figure. 253, wood, natural branching twigs, the left one broken, Illahun.

254. SERPENT WITH ARMS.

Name. Nehebkau, one of the 42 judges of the dead.
Meaning. In the Xth domain of the underworld, Nehebkau points out the way to the dead (Book of the Dead, Chapter 149), and the dead says that he "moves eternally like Nehebkau" (Chapter 17). As an amulet, therefore, it is a guide to the soul.
Period. About XXth dynasty.
Figures. 254a, dull green glaze; 254b, deep blue glaze; 254b, 2, 3, green glaze; 254c, green glaze, group 19. B, seated, 254d (xlvi), d, 2, blue glaze, and Cairo.

255. QARMUT (Clarias anguillaris).

Name. Nar (in name of early King Narmer).
Meaning. Sacred fish of Mendes, worn on head of Hamehny, goddess of Mendes.
Figures and Materials. 255a, b, Silver, XIIth dynasty (?); 255b, Bone, prehistoric (?) (see 173).

A fish carved in bone is an amulet against the evil eye in Italy (Bell., xii, 23), and an emblem of fecundity (Bell., Fet., 42).

246. OSTRICH.

Period. Prehistoric.
Figure. 246, brown serpentine, ostrich seated.

247. IBIS.

Name. Hābu, whence Greek ibis.
Meaning. The emblem of Tehuti, the god of wisdom.
Period. XVIII to Roman.
Figures. 247a, gold, a, 2, without feather; 247b, c, d, bronze; 247e, blue glaze with black head and tail, inscribed on base "Lord of Khemnu (give life to) Hor-a-a-pa-khered"; 247f, green glaze, Kafr Ammar, XIth dynasty, group 25; 247g, blue glaze; 247g, green glaze, standing; 247h, h, 2, 3, light blue-green glaze; 247j, blue glaze, dark blue tail; 247k, green glaze, Denderah, Ptolemaic, group 21; 247l, blue glaze with yellow points, Roman.
Materials. Green glaze 11, Blue glaze 10, Bronze 5, Gold 2, Steatite 1, Lazzuli 1.
Collections. Univ. Coll. P. 12, St. Petersburg 8, Turin 5, Alnwick 2, Murch 2.

248. VULTURE.

Name. Nar.
Meaning. Devotion to the goddess Mut.
Figures. 248a, bronze; 248b, grey limestone (see No. 94). The latter may perhaps be an eagle.
AMULETS OF ANIMAL GODS

256. OXYRHYNKHOS (Mormyrus).

Name. Mazed; as shown by the city Oxyrynkhos being called Pa-mazed, and Mizz or Mizdeh being the modern local name of this fish in that district.

Period. XXVI (?).

Figure. 256, bronze, with horned disc and uraeus on the head.


257. BULTI (Tilapia nilotica).

Period. XII to Roman.

Figures. 257a, bronze; 257a 2, green glaze, XIIth dynasty, Kahun; 257b, glazed schist, inscribed below in cartouche • men-neb; 257c, grey steatite, Koptos; 257d, violet glaze, XVIII; 257e—e 6, carnelian, XVIII; 257f, gold with green-grey wax inlay, from Nubia (pl. xlvi).


258. ELECTRIC FISH (Malopterus electricus).

Period. XVIII.

Figure. 258a—a 7, (pl. xlv) green (6) and violet (1) glaze.


259. LEPIDOTOS (Barbus bynni).

Name. Penpennu (?), modern Binny.

Meaning. Sacred fish at Thebes.

Figures. See Cairo Catalogue.

Materials. Green glazed stone 5, Blue glazed 4, Green glass 1, Amethyst 1 (all Cairo), Sard 1 (Athens).

Collections. Cairo 11, Athens 1.

260. SCORPION.

Name. Selk.

Meaning. Emblem of the goddess Selket, one of the four divinities guarding the tomb.

Period. Prehistoric to XXVI.

Figures. 260a, noble serpentine; 260b, sard, tail broken off; 260b 2, sard, Tarkhan; 260c, bronze, with head of goddess crowned with disc and horns, rising from the scorpion.

Collections. Univ. Coll. P. 4, Edinburgh 1, blue glaze.

261. GREEN BEETLE.

Period. Prehistoric to XII.

Figures. 261a, noble serpentine (see Naqada, lviii); 261a 2, quartz crystal, Tarkhan; 261b—b 5, green glaze, Kahun, XIIth dynasty.

Materials. Green glaze 6, Serpentine 1, Carnelian 1, blackened limestone 1.


262. SHUTTLE, OR WINDING FRAME.

Meaning. Emblem of the goddess Neit, one of the four divinities guarding the tomb.

Period. XXVI.

Figures. 262a, agate; 262b, carnelian, probably an early form of this sign.

Materials. Carnelian 3, Veined quartz 2, Agate 2, Onyx 1, Alabaster 1, Limestone 1.

Collections. Cairo 7, Univ. Coll. P. 2, St. Petersburg 2, Price 1, Alnwick 1.

263. WOMAN WITH OFFERINGS.

Period. XXVI.

Figure. 263, light green glaze, woman wearing long flax garment down the back, fringed at the sides, the right hand holding the horns of a gazelle, the left carrying a long jar by a top handle.


264. FIGURE IN TALL HEAD-DRESS.

Period. Prehistoric (?).

Figure. 264, ivory, tall pointed head-dress, ears projecting as in figures of Ist dynasty, arms raised over chest.


265. FIGURE IN LONG ROBE.

Period. Prehistoric (?), XXII (?).

Figures. 265a, alabaster, with large collar, and round robe to feet; 266b (pl. xlv), ebony.


266. FIGURE IN POINTED CAP.

Period. Vth dynasty.

Figures. 266a, b, sard, group 14.


267. FLOWER.

Period. XXVI to XXX.

Figures. 267a, blue glaze, Memphis; 267b, glaze faded white, Memphis, a button; 267c, green glaze, lotus, XXth dynasty (?) (pl. xlv).


268. PALM COLUMN.

Period. Ptolemaic.

Figure. 268, blue glass burnt.


269. BUNCH OF GRAPES.

Period. Roman.

Figure. 269, blue glaze, frothy and bad.

Collection. Univ. Coll. P. 1, with 221d, similar work.
MISCELLANEOUS AMULETS

270. FLOWERING REED (Calamus).

Period. Ptolemaic.
Figure. 270, blue and black glaze, Denderah, group 21.

271. SEED VESSEL.

Period. XVIII to XIX.
Figure. 271, blue glaze. Common on necklaces in carnelian and in glaze.

272. UNKNOWN OBJECT.

Period. VI.
Figure. 272 a, b, sard.

273. TWO FINGERS.

Name. Zebo ne dens rud (MacG. 58).
Meaning. "Finger of heavy stone, at the girdle."
Varieties. Two fingers of right or left hand.
Period. XXVI.
Figures. 273a, brown limestone, gilt; 273b, opaque obsidian; 273c, opaque obsidian, right hand; 273d, dark purple glass, left; 273d 2, black glass; 273g, black glass, left; 273f, black basalt, right; 273f 2, brown limestone; 273g, black basalt; 273g 2, brown basalt (?); 273h, light blue glaze, right, Denderah, Ptolemaic, group 21.
Materials (omitting those in Cairo as uncertain). Black basalt 8, Obsidian 6, Black glass 3, Brown steatite 2, Blue glaze 2, Haematite 1, Purple glass 2, Brown glass 1, Black glass 1, Slate 1, Brown limestone 2, Blackened limestone 1, Brown basalt 1.
Position. Usually left side of pelvis, sometimes base of stomach, or middle of stomach, never higher.

274. UNCERTAIN PENDANTS.

Period. Roman.
Figures. 274a, black steatite; 274b, brown haematite.

275. STAR.

Period. XIIth dynasty, Ptolemaic.
Figures. 275a, blue glaze, XIIth dynasty, Kahun; 275b, light blue glaze, Denderah, group 21.
Position. Throat (1); Stomach (1).

CHAPTER X

THE POSITIONS OF AMULETS

In the preceding catalogue the positions of amulets have been stated; and as very few plans of sets of amulets have yet been published, it seems well to set out now the plans which I have long had recorded. These plans were gathered at Hawara, 8 of the XXVIth dynasty; at Abydos, 2 of the XXXth dynasty; at Nebesheh, 4 about the same age; and at Denderah, 10 of the Ptolemaic age. The last of these groups was recorded by Mr. N. de G. Davies, the Abydos groups by my wife, and the other three groups by myself.

The twenty-four plans of amulet groups are drawn in position on pls. 1 to lii. Each plan has the site at the top left, and the reference number at the top right hand. Down the side of each plan are letters, T, C, P, etc., indicating the position of the lines of amulets upon the mummies, the meaning of these letters being stated at the beginning of pl. liv. This same plate serves to find all the instances of any amulet, having first the number of the amulet in the catalogue, then the name of the amulet, the numbers of the plans in which it occurs, and the letters of the rows in the plans. These last letters serve also to show at once, without reference to the plans, at what parts of the mummies any amulet is found. The actual drawings here are rather spread out for clearness, so that the lower lines of amulets come lower than their exact places on the mummies: one of the closest is No. 6, on which all the rows from T to the scarabs and eyes in U, were all within 12 inches of height, or from the clavicle to the umbilicus. The materials are listed below No. 1, and the initial letters of the material are placed by the amulets where the material is recorded. All of the Denderah amulets, 15 — 21, are of blue glaze with black painting.

As on such a scale the distinctions of the minute statuettes of gods would not be clear, the names of the gods are stated instead of a figure. Some of the figures—such as the scarabs—are only conventional, in order to make them as clear as might be. There are obviously certain changing fashions in the kinds and positions of amulets. In the XXVIth dynasty we see a row of zed signs across the stomach, above or below them a triad of Iis, Nebhat, and Horus. Rather later were added the counterpoise at the nape of the neck, and the serpent head at the throat. The mummy on the bier, the mourners, and the lion, are Ptolemaic. Many other distinctions between these different ages may be noticed in the arrangements.
THE POSITIONS OF AMULETS

One of the few records of the positions of amulets is from one of the priests of Amen (Ann. Serr., VIII, 35). As this bore dates on the linen of Pisebkhanu son of Pinezem 1006—952 B.C., and the 8th year of Siemen 1014 B.C., it is probably a few years before 1000 B.C. All the groups here given are much later, so this set is important. On the neck was a string of amulets, an usat, uraeus, and vulture, of gold, scarab and engraved usat of lazuli. On clavicle, a hawk of gilt bronze. Pectoral, greenstone scarab. Umbilical, big blue scarab between hands. Over incision in left flank, a plate of copper. Between the legs, a papyrus, the usual position in this age. Under the left hand, a wax figure of Hapi. On left ulna, a long bead of blue paste (the name badge 77), a scarab and an usat. On a string at the side, probably intended to lay across the chest, a uraeus, usat, scarab, heart, zada, and two papyrus sceptres. The mummies of the XVIIIth to XXth dynasties have very few amulets. In the Old Kingdom amulets are commoner, usually on necklaces and wrists (see Deshaskel, xxxvi).

PROPERTIES OF STONES.

Besides the meanings attached to various forms of amulets, the material is also looked on as having important influence. Often the form is disregarded, so long as the special material can be obtained; a mere lump of the required stone, or a plain bead or pendant of it, is sufficient. These properties attributed to the materials are only recorded in general for Italy, by Pliny anciently, and by Bellucci in modern times. These authors are referred to by P. or B.

Adam, diamond. For poison or delirium, P. xxxvii, 15.

Lead. For suppuration in swine, B. vii, 16, 24.

Pyrites, crystal. To preserve the eyes, B. viii, 23.

Haematite, blood red. Reveals treachery; for success in petitions, P. xxxvii, 60; stops bleeding, B. viii, 17.

Siderite, black haematite, or meteorite. Causes discord in law suits, P. xxxvii, 67; for witchery and evil eye, B. viii, 17.

Apsiastos (haematite?). Against cold, P. xxxvii, 54.

Limonite (hydrous iron oxide) concretion. For pregnancy, P. viii, Am. 19, Fet. 94—5.


Pneumatis, like ice, quartz crystal. For parturition, P. xxxvii, 66; evil eye, B. x, Am. 64.

Amethyst. For intoxication, P. xxxvii, 15; against spells, hail and locusts, and for access to kings, P. xxxvii, 40.

Chalcedony, white, “milk stone.” For increase of milk, B. vi.

Chalcedony, red, “blood stone.” For bleeding, especially of nose, B. vi.

Opal. To strengthen the sight. Jackson, “Minerals and their uses.”


Agate, Egyptian. Against scorpions, P. xxxvii, 54.

Jaspis, jasper. For public speaking, P. xxxvii, 37.

Heliotropium, blood jasper. For invisibility, P. xxxvii, 60; to stop bleeding, B. v, Am. 18, Fet. 88, 89.

Black jasper, baeluli and keramnica. Potens in taking cities and fleets, P. xxxvii, 51; against lightning and evil, B. i—iii.

Staurolite. Against witchery, B. v. 27.

Lycurgite. Against witchery, B. v. 27.

Soapstone, white, phallic, against evil eye, B. iv.

Soapstone, white, mixed in water. For increase of milk, P. xxxvii, 59.

Malachite, “peacock stone.” Preserves infants, P. xxxvii, 36; for evil eye, B. x.

Alabaster. For increase of milk, B. vi.

Lime disc. To get dirt from eye, B. vii, 18; with dendrite, against venom, B. viii, 19.

Selenite. For increase of milk, B. vi; against evil eye, B. x.

Amber. For throat affections, P. xxxvii, 11; on neck for fevers, P. xxxvii, 12; against witchery, B. v.

Coral, white, “milk stone.” For increase of milk, B. ix.

Coral, red. Evil eye and menstruation, B. ix, Am. 28, Fet. 46.

Ammonite. Gives prophetic dreams, sacred in Ethiopia, P. xxxvii, 60.

Madrepore. Evil eye and witchery, B. vii, Am. 38; worms in children.

Holed stone. Against witchery, B. viii.
LIST OF GROUPS OF AMULETS

Various strings of beads and amulets have been bought which obviously belong together, by their uniformity of style and material; and although the localities from which they come are not known, it is desirable to keep the record of their grouping. Such are noted by the number of the group when described in the Catalogue, and the list of references to each group is given here. Groups 1 to 13 belong probably to about the VIth dynasty.

Group 1. Types 2a; 12a, 1—3; 12b, 2, 3; 12c 2—4; 15e 4; 22f 2; 111d; 138b.

Group 2. 2b; 15a 2; 15e 5, 6; 111f, g, h; 113d; 138a; 138b 2.

Group 3. 2c; 12a, b, b 4, c 5; 22b; 47a; 111j; 113c, 2; 138j, j 2, 3, k, k 2; 237c.

Group 4. 170d; 205a; 245j 1—4.

Group 5. 2d, e; 27a, b; 94a; 138b; 170c, e 2, 219d, d 2, 3.

Group 6. 12a 4; 29b; 94b; 206a.

Group 7. 2f 2; 12a 5; 15e 8; 22c 2, e 2; 29a; 94a 2; 138d; 138g 2, j 4; 220a.

Group 8. 12a 6; 22a; 94c; 138a; 145a; 206b; 236b, c; 245k.

Group 9. 2b 2; 206c.

Group 10. 22d 2; 27b 2.

Group 11. 11a; 219k, k 2.

Group 12. 2f; 206d.

Group 13. 12c; 22c; 77d; 123a; 138f; 185a—d.

Group 14. VIIth to XIth dynasty. 15f; 111c; 129a, b, b 2; 185g; 185h, h; 237d, e, f; 245h—q; 266a, b.

Group 15. From a few miles north of Abydos. 146; 149f; 170a; 236d.

Group 16. XXVIth dynasty (?). 33e; 145f, g; 148b; 149g; 164c; 170b; 194e; 224a.

Group 17. Memphis, XXVI, necklace. 145j; 175e.

Group 18. Sheet pewter, figures stamped. 95c; 149b; 180c; 181b; 202e, e 2; 231d, e.

Group 20. Wax impressed, Dendereh, Ptolemaic. 8a; 30e; 68d; 71c; 88l; 150a, b, b 2; 155a; 156a, a 2; 157d; 208e.

Group 21. From various Ptolemaic tombs, Dendereh. 7p; 8b; 22b; 30a; 34e; 36g; 37f; 40b; 58b, u; 59d; 71a, b; 79c; 84b; 87c; 93e, f; 150e—h; 155b; 156b; 157f; 160j; 162q, r; 197j; 208l; 208f; 211k; 219j; 224f, m; 231c, f, g, h; 236aa; 245u, ag, ah, aj, aq, ar, as; 247k; 270; 273b; 275b.

Group 22. 13b; 145w, x; 149l; 233d.

Group 23. 16b, b 2; 161j.

Group 24. Tell Amarna, Roman. 74a, b; 133j.


Group 26. Dendereh, Ptolemaic. 7n; 40e, d; 88p; 92j; 156c.

Group 27. Memphis, jewellery. 16c, d; 85d, e, f; 149k.

Group 28. 49d; 88d, e.

Group 30. VIth dynasty. 22g 2; 113e; 138e; 185e, f, 12.

Group 31. Illahun, XXVth dynasty. 34d 2; 90aa.

Note.—On pl. xli an unnumbered figure, which entered the collection after cataloguing, has not been described. It is a bronze figure of a hawk with ram's head and human arms. See Lanz., Diz. Mit., ciii p. 558.
## INDEX

**A.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aakhet</td>
<td>17</td>
</tr>
<tr>
<td>Ab</td>
<td>10</td>
</tr>
<tr>
<td>Akhnanathanalba</td>
<td>31</td>
</tr>
<tr>
<td>Ab-nakht</td>
<td>12</td>
</tr>
<tr>
<td>Abrasae</td>
<td>30, 31</td>
</tr>
<tr>
<td>Abraxas</td>
<td>31</td>
</tr>
<tr>
<td>Adamas</td>
<td>62</td>
</tr>
<tr>
<td>Aegeis of Bastet</td>
<td>42</td>
</tr>
<tr>
<td>Agate</td>
<td>52</td>
</tr>
<tr>
<td>Ahabaster</td>
<td>52</td>
</tr>
<tr>
<td>Algerians</td>
<td>1</td>
</tr>
<tr>
<td>Altar with cakes</td>
<td>20</td>
</tr>
<tr>
<td>Amber</td>
<td>52</td>
</tr>
<tr>
<td>Amber used for eyes</td>
<td>3</td>
</tr>
<tr>
<td>Amen</td>
<td>37</td>
</tr>
<tr>
<td>Amem</td>
<td>25</td>
</tr>
<tr>
<td>Amik</td>
<td>18</td>
</tr>
<tr>
<td>Amethyst</td>
<td>52</td>
</tr>
<tr>
<td>Amianthus</td>
<td>62</td>
</tr>
<tr>
<td>Ammonite</td>
<td>52</td>
</tr>
<tr>
<td>Amphisbaena</td>
<td>26</td>
</tr>
<tr>
<td>Anaset</td>
<td>39</td>
</tr>
<tr>
<td>Amulet, origin of name</td>
<td>1</td>
</tr>
<tr>
<td>Ancient writers on amulets</td>
<td>1</td>
</tr>
<tr>
<td>Anhur</td>
<td>37, 41</td>
</tr>
<tr>
<td>Animal gods, amulets</td>
<td>43</td>
</tr>
<tr>
<td>B.</td>
<td></td>
</tr>
<tr>
<td>Amulet, origin of name</td>
<td>1</td>
</tr>
<tr>
<td>Ancient writers on amulets</td>
<td>1</td>
</tr>
<tr>
<td>Anhur</td>
<td>37, 41</td>
</tr>
<tr>
<td>Animal gods, amulets</td>
<td>43</td>
</tr>
<tr>
<td>Aniset</td>
<td>39</td>
</tr>
<tr>
<td>Amulet</td>
<td>1</td>
</tr>
<tr>
<td>Amulet</td>
<td>62</td>
</tr>
</tbody>
</table>

**B.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ape, seated</td>
<td>43</td>
</tr>
<tr>
<td>Ape, standing</td>
<td>43</td>
</tr>
<tr>
<td>Aper</td>
<td>47</td>
</tr>
<tr>
<td>Aphrodite</td>
<td>30</td>
</tr>
<tr>
<td>Apis</td>
<td>43</td>
</tr>
<tr>
<td>Apseustos</td>
<td>52</td>
</tr>
<tr>
<td>Apte</td>
<td>47</td>
</tr>
<tr>
<td>Arab use of amulets</td>
<td>1</td>
</tr>
<tr>
<td>Art</td>
<td>9</td>
</tr>
<tr>
<td>Arm</td>
<td>11</td>
</tr>
<tr>
<td>Arms, two, 11</td>
<td></td>
</tr>
<tr>
<td>Ascending to sky</td>
<td>17</td>
</tr>
<tr>
<td>Athene Mina</td>
<td>30</td>
</tr>
<tr>
<td>Athlathanalba</td>
<td>30</td>
</tr>
<tr>
<td>Auk skin used</td>
<td>3</td>
</tr>
<tr>
<td>Auo</td>
<td>20</td>
</tr>
</tbody>
</table>

**C.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baa, 14</td>
<td></td>
</tr>
<tr>
<td>Ba the divine</td>
<td>45</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ba</td>
<td>14</td>
</tr>
<tr>
<td>Batak</td>
<td>2</td>
</tr>
<tr>
<td>Bat's head worn to prevent sleep</td>
<td>2</td>
</tr>
<tr>
<td>Bear, wearing of part of, to give strength</td>
<td>2</td>
</tr>
<tr>
<td>Bearing of King's soul</td>
<td>16</td>
</tr>
<tr>
<td>Beauty, emblem of</td>
<td>14</td>
</tr>
<tr>
<td>Beetle, green</td>
<td>50</td>
</tr>
<tr>
<td>Being, conferred by vulture</td>
<td>25</td>
</tr>
<tr>
<td>Bell</td>
<td>28</td>
</tr>
<tr>
<td>Bellucci, Prof.</td>
<td>1, 8</td>
</tr>
<tr>
<td>Benefit of dead</td>
<td>1</td>
</tr>
<tr>
<td>Benefit of life</td>
<td>22</td>
</tr>
<tr>
<td>Bonni</td>
<td>30</td>
</tr>
<tr>
<td>Bear</td>
<td>20</td>
</tr>
<tr>
<td>Berenek</td>
<td>30</td>
</tr>
<tr>
<td>Bes</td>
<td>30, 40, 41</td>
</tr>
<tr>
<td>Binna</td>
<td>50</td>
</tr>
<tr>
<td>Bird amulets, Coptic</td>
<td>49</td>
</tr>
<tr>
<td>Bird's head</td>
<td>49</td>
</tr>
<tr>
<td>Birds in protection by</td>
<td>23</td>
</tr>
<tr>
<td>Body, preservation of</td>
<td>22</td>
</tr>
<tr>
<td>Boils</td>
<td>26</td>
</tr>
<tr>
<td>Bone</td>
<td>26</td>
</tr>
<tr>
<td>Boni</td>
<td>Comm. 1</td>
</tr>
</tbody>
</table>

**D.**

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bula</td>
<td>28</td>
</tr>
<tr>
<td>Bulii</td>
<td>50</td>
</tr>
<tr>
<td>Bunch of grapes</td>
<td>50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caearea, coins of</td>
<td>32</td>
</tr>
<tr>
<td>Cairo, collection at</td>
<td>6</td>
</tr>
<tr>
<td>Camel</td>
<td>45</td>
</tr>
<tr>
<td>Cardium Edule shell</td>
<td>27</td>
</tr>
<tr>
<td>Carthaginean source of amulets</td>
<td>1</td>
</tr>
<tr>
<td>Cartouche</td>
<td>21</td>
</tr>
<tr>
<td>Cheeto Nodulosa shell</td>
<td>27</td>
</tr>
<tr>
<td>Casual connection</td>
<td>2</td>
</tr>
<tr>
<td>Cat</td>
<td>46</td>
</tr>
<tr>
<td>Greek, stone</td>
<td>30</td>
</tr>
<tr>
<td>Chief, amulet of</td>
<td>9</td>
</tr>
<tr>
<td>Children and amulets</td>
<td>1</td>
</tr>
<tr>
<td>Chi, rho cross, 32</td>
<td></td>
</tr>
<tr>
<td>Circle of cord</td>
<td>22</td>
</tr>
<tr>
<td>Clessiglas Pharaoais shell</td>
<td>28</td>
</tr>
<tr>
<td>Classes of amulets</td>
<td>6</td>
</tr>
<tr>
<td>Claw</td>
<td>13</td>
</tr>
<tr>
<td>Cleopatra Bulinosides shell</td>
<td>27</td>
</tr>
<tr>
<td>Clothing</td>
<td>21</td>
</tr>
<tr>
<td>Cobra on case</td>
<td>26</td>
</tr>
<tr>
<td>Collar</td>
<td>20</td>
</tr>
<tr>
<td>Combs</td>
<td>21</td>
</tr>
<tr>
<td>Concretions in stone for pregnancy</td>
<td>2</td>
</tr>
<tr>
<td>Conferring greatness</td>
<td>14</td>
</tr>
<tr>
<td>Confidence</td>
<td>2</td>
</tr>
<tr>
<td>Confusion with medicines</td>
<td>2</td>
</tr>
<tr>
<td>Construction of charms</td>
<td>2</td>
</tr>
<tr>
<td>Conus shell</td>
<td>27</td>
</tr>
<tr>
<td>Coral</td>
<td>27, 52</td>
</tr>
<tr>
<td>Counterpoise of collar</td>
<td>15</td>
</tr>
<tr>
<td>Cow, legs tied</td>
<td>20</td>
</tr>
<tr>
<td>Crescent</td>
<td>23</td>
</tr>
<tr>
<td>Crocodile</td>
<td>48</td>
</tr>
<tr>
<td>Cross</td>
<td>32</td>
</tr>
<tr>
<td>Crowned sun</td>
<td>17</td>
</tr>
<tr>
<td>Cynadurus guttatus</td>
<td>40</td>
</tr>
<tr>
<td>Cypreae shell</td>
<td>27</td>
</tr>
</tbody>
</table>

**INDEX**

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Museum, collection at</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ba</td>
<td>14</td>
</tr>
<tr>
<td>Ba the divine</td>
<td>45</td>
</tr>
</tbody>
</table>
INDEX

Date, 20
Dead, amulets for, 15
Defence, 21
Definitions and limitations of subject, 5
Demsedet, 25
Dentalium shell worn for teething, 2
Desert, 18
Det, 11
Diffusion of amulets, 1
Digestion, amulet for, 30
Direction of thought to disease, 2
Disc mace, 18
" of sun, 17
 Dish of flour on mat, 20
Divinity, conferred by vulture, 25
Dog, 46
Dog's teeth to protect wearer from mad
dog, 2
Door bolt, 28
Double crown on Neb, 18
" of objects, 2
Dragon's head put under door sill, 3
Dress of living, 20
Drink offering, 20
Duat-mut-of, 39
Duckling, 14, 20
Durability, emblem of, 15, 19
Dwarf, 39

E.

Ear, 10
Electric fish, 50
Elevation, emblem of, 17
Eukhethub, 30
Equilibrium, 16
Esrat abt, 44
Eksinos, 2
Eukairian, 30
Evageti, 30
Evil eye, amulets to avert, 2, 4, 26, 27, 28, 29
Eye, 9, 32, 33

F.

Face, 9
Faith-healer, 2
Faith theory of cures due to amulets, 2
Fear, weakening due to, 2
Feathers and scourge, 18
Fighting power, emblem of, 18
Figure in long robe, 50
" in pointed cap, 50
" in tall head-dress, 50
" with necklaces, 19
Finding of way, 13
Fish amulet worn for fecundity, 2
Fist clenched, 11
" thumb between first and second
fingers, 11
Flour offering, 20
Flower, 50
Flowering seed, 51
Fly, 12
Food offering, 19, 20
Forked lance, 16
Foxhead worn to ensure cunning, 3
Frog, 12
" against chill of fever, 3
" and toad, 12
" meaning of, 12

Frog transixed to ensure faithfulness, 3
Future existence, 1

G.

Galactitis, use of, 2
Garnet, 62
Gazelle, 20
Girdle of Isis, 23
Goat sucker, 49
Gobbo, 38
Going among goats, 25
Goose, 20
Green beetle, 50
Groups of goddesses, 35
Guidance of amulet system in burials, 5
Guillemot's foot for proficiency in whaling, 3

H.

Habu, 49
Haematite, 52
Hand open, 11
Hairdressing, 21
Hap, 34
Hapy, 39
Hapy, 13
Har, 34
Hare, 44
Harpekroti, 30, 34
Hathor, 37, 38, 40
" the cow of, 44
Hat-mehyt, 38
Hawk falcon, 48
" head, 3
" headed sphinx, 45, 48
He Khoris, 30
Head bearded, 9
" bones of animals for headache, 2
" of Horus, 35
" restoration of, 15
Head-rest, 15
Hearing, power of, 10
Hedgehog, 47
Heart, 10
" of Isis given to deceased, 23, 24
" of Osiris, 36
" pricked with pins, 3
" worn as amulet, 2
Heb, 18
Heimakringla account, 3
Heliotropium, 32
Helix Deerstorffii, 27
Hent, 35
Hept, 12
Her, 9
Her-mt-pot, 38
Hes, 18, 30
Het, 17
Hippopotamus, 47
Holed stone, 52
Horo-am-u, 48
Horn, 26
Hornet, 17
Horus, 30, 34, 35, 39
Hotep, 20
Human soul, 14

Human-headed bird, 14
Hunting, skill in, 3
Hypocephalus, 30

I.

Jaš, 30
Jaš-jaš-jaš-ma, 31
Ibis, 49
Ibex, 45
Icelandic sagas, 1
Ihkhankhala, 30
Illumination, 36
Intent to live, 2
Isis, 30, 35
" Pharia, 35
Islam, 31
Italy, 1
" use of amulets, 4
Ivory ball worn for lactation, 2
" tablet for fever, 2

J.

Jackal head, 13, 46
" head archer, 42
" standing, 46
Jadeite, 52
Jaspis, 52
Joint of m MVP, 20
Joy, emblem of, 15

K.

Kā, 11
Kebhesenuf, 39
Kees, 16
Khab, 30
Khat, 21
Khens, 45
Khety, 11
Kheper, 23, 24
Kher, 25
Kher-o, 21
Khet, 17
Khet-ba-mutef, 43
Khnumu, 30, 40
Khonau, 37
Kittiwake head amulet, 3
Klippspringer, 45
Knotted cord, 29
Knowledge and power emblem, 18

L.

Lactation, milk white stone for, 2
" power of, 10
Lead, 52
" amulet for swine, 3
Leg, 11
Leopard claw amulet, 2
" head, 13
Lepidolus, 50
Life amulet, 14
Limestone, 52
Limonite, 52
Lion, 45
Little auk skin amulet, 3
Living, power of, 10, 25
Lizard, 26, 48
<table>
<thead>
<tr>
<th>INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.</td>
</tr>
<tr>
<td>Ob, 26</td>
</tr>
<tr>
<td>Objects to distract thought, 2</td>
</tr>
<tr>
<td>Ofet, 12</td>
</tr>
<tr>
<td>Olivus shell, 28</td>
</tr>
<tr>
<td>Onkh, 14</td>
</tr>
<tr>
<td>Opal, 32</td>
</tr>
<tr>
<td>Opener of the ways, 42</td>
</tr>
<tr>
<td>Operculum for the eyes, 2</td>
</tr>
<tr>
<td>Opes, 47</td>
</tr>
<tr>
<td>Opat, 13</td>
</tr>
<tr>
<td>Oracular bust, 36</td>
</tr>
<tr>
<td>Osiris, Tais and Horus, 36</td>
</tr>
<tr>
<td>Ostrich, 49</td>
</tr>
<tr>
<td>&quot; plumes, 16</td>
</tr>
<tr>
<td>Ox head, 19</td>
</tr>
<tr>
<td>Oxyrhynchos, 50</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>P.</td>
</tr>
<tr>
<td>Pectunculus, 30</td>
</tr>
<tr>
<td>Pectoral, 20</td>
</tr>
<tr>
<td>Pras, 47</td>
</tr>
<tr>
<td>Phoenician, transmission of amulet name, 1</td>
</tr>
<tr>
<td>Phylax, 30</td>
</tr>
<tr>
<td>Pig, 38</td>
</tr>
<tr>
<td>Phallus, 32</td>
</tr>
<tr>
<td>Phoenician, transmission of amulet name, 1</td>
</tr>
<tr>
<td>Phrises, 30</td>
</tr>
<tr>
<td>Pesta, 30</td>
</tr>
<tr>
<td>Phases, 26</td>
</tr>
<tr>
<td>Phylax, 30</td>
</tr>
<tr>
<td>Phases, 26</td>
</tr>
<tr>
<td>Phases, 26</td>
</tr>
<tr>
<td>Pbo, 13</td>
</tr>
<tr>
<td>Pendent for forehead, 29</td>
</tr>
<tr>
<td>P_endian, 25</td>
</tr>
<tr>
<td>Pexhoph, 28</td>
</tr>
<tr>
<td>Phagrus ool on case, 26</td>
</tr>
<tr>
<td>Pallas, 11</td>
</tr>
<tr>
<td>Ph-nis-fherpi, 30</td>
</tr>
<tr>
<td>Phnomianic transmission of amulet name, 1</td>
</tr>
<tr>
<td>Phakho, 30</td>
</tr>
<tr>
<td>Phylax, 30</td>
</tr>
<tr>
<td>Pig, 47</td>
</tr>
<tr>
<td>Pisebkhanu, 52</td>
</tr>
<tr>
<td>Pliny, 1, 2, 3</td>
</tr>
<tr>
<td>Plumsee, disc and two horns, 16</td>
</tr>
<tr>
<td>Plumbnet, 16</td>
</tr>
<tr>
<td>Polinesia mrmilla shell, 27</td>
</tr>
<tr>
<td>Power of the senses, 9</td>
</tr>
<tr>
<td>&quot; over property, 22</td>
</tr>
<tr>
<td>&quot; to behold Ra, 17</td>
</tr>
<tr>
<td>Powers, amulets of, 14</td>
</tr>
<tr>
<td>Prase, 10</td>
</tr>
<tr>
<td>Pregnancy, 26, 47</td>
</tr>
<tr>
<td>Primitive mode of thought regarding amulets unchanged, 4</td>
</tr>
<tr>
<td>Primus, 30</td>
</tr>
<tr>
<td>Prince seated, 23</td>
</tr>
<tr>
<td>Priness, 23</td>
</tr>
<tr>
<td>Principle of arrangement of catalogue, 6</td>
</tr>
<tr>
<td>Properties of stones, 52</td>
</tr>
<tr>
<td>Property, amulets of, 19, 22</td>
</tr>
<tr>
<td>Protection, 25, 28, 35, 42</td>
</tr>
<tr>
<td>&quot; from wild beasts, 13</td>
</tr>
<tr>
<td>Provision for writing, 21</td>
</tr>
<tr>
<td>Pukh, 30</td>
</tr>
<tr>
<td>Ptah, 38</td>
</tr>
<tr>
<td>&quot; Seker, 38</td>
</tr>
<tr>
<td>Purpose of amulets, 1</td>
</tr>
<tr>
<td>Pyriotes, 52</td>
</tr>
</tbody>
</table>

| S. | |
| Sa, 20 | |
| Saas, 47 | |
| Saba, 31 | |
| Saboth, 30 | |
| Sabkhet, 25 | |
| Sagas, 1 | |
| Sah, 23 | |
| Sailors, protection of, 35 | |
| Saints, 38 | |
| Salvation, 32 | |
| Sapphire, 52 | |
| Sat, 48 | |
| Scarcabs, 23, 24 | |
| Scorpion, 50 | |
| Seal, 22 | |
| " ring, 22 | |
| Seated prince, 25 | |
| Sekh, 42, 48 | |
| Security, 28 | |
| Sedn, 21 | |
| Seed vessel, 51 | |
| Seeing the sun, power of, 17 | |
| Sekhet, 44 | |
| Sekhenti, 18 | |
| Sekhemet, 41 | |
| Self-reliance, to give, 2 | |
INDEX

Selenite, 62
Sekh, 50
Selket, 38
Semitic origin of name amulet, 1
Sekh, 45
Soppy, 16
Sera, 44
Serpis, 30
Serapeum, 30
Serekh, 21
Serpent, 25
" head, 25
" headed god, 43
" with arms, 49
Serpent’s skin, 2
Serpentine, 52
Seash-Shell, 15
Sed, 28
Set, 30, 40
" animal, 46
Shap, 19
She, 22
Shepherd’s stick, 18
Shilluks, 1
Shrew mouse, 26, 42, 46
Shen, 47, 42
Shuti, 16
Shuttle, 50
Siderites, 52
Similars, amulets of, 9
" doctrine of, 3
Sti-rehem, 14
Siren for security, 2
Stilustrum, 15
Skin of mouth of bear, worn in child’s cap, 3
Slave figure, 22
Sma, 11, 16
Smaragdus, 62
Smoot, 18
Snake bite, to avoid, 25
Soapstone, 52
Speaking and feeding, 16
Spearhead, 21
Sphinx, male, 40
" female, 40
Square, 16
Stability, emblem of, 15
Stages of human mind, 1
Stairs, 17
Star, 51
Staurolite, 52
Staurus, 32
Stone implement, 28
" inscribed, Greek and non-Greek, 30
St. Petersburg, collection at, 6
Strength, amulet for, 2, 3
Smbel, 30
Sun and uraei, 22
" wings, 22
Superstitions, 1
Sympathetic magic, 2

T.
Tabu, to defy, 2
Tahuti of Panaebe, 41
Tasu bebere, 30
Tasmanians, 1
Taurt, 26, 47
Tefnut, 41
Tahuti, 42, 49
Tell el Yehudiye, 30
Tep, 9
Terabra conchobrina shell, 28
Tertiary fever, 26
Themes, 21
Themt, 25
Thot, 20, 23
Thoth, 31
Thunderstones, use of in Italy, 3
Toad, 12
Tongue, 10
" of hyena, to prevent dogs barking, 3
Tooth, 13
" worn for toothache, 2, 13
Truth, impersonation, 38
Turbo, operculum, 27
Turin, collection at, 6
Turtle, 47
Two fingers, 51
" hands side by side, 11
" plumes, disc and horns, 16

U.
Uas, 18
Uas, 12
" 13
Ulcers, 26
Union, 11, 16
University College, collection at, 1, 5
Unknown deities, 37
Uort, 11
Uptatu, 42, 46
Ur, 14
Uraeus serpent, 18
Urs, 16
Uythaca, 25
Use of amulets, 1
Ushekh, 20
Ushabti, 22
Usat eye, 9, 32

V.
Varities of amulets used in Egypt, 5
Valour, emblem of, 13
Vase, 20
Vedda, 1
Vicious double, 2
" theory, supposition of, 2
Vigorous action, 11
Voyaging in sky, 17
Vulture, 49
" flying, 49
" standing, 25
" with wings spread, 25
Vulture and uraeus, 18

W.
Wagtail, 14
Walking, power of, 11
Waran, 48
Wealth, emblem of, 19
Wearing of written charms, 2
Whaling, luck in, 3
White crown, 17
Will, power of, 11
Woman with offerings, 50
Work, to, for deceased, 22
Woven charm, 29
Writing tablet, 21

Y.
Youth, emblem of, 12
" conferred by vulture, 25

Z.
Za, 14
Zad, 15
Zebot, 22
Zebo ne dens rud, 51
Zel, 25
SIMILARS: ANIMAL AND VEGETABLE.
POWERS: SYMBOLS OF ABILITY AND AUTHORITY.
PLATE V

PROPERTY: FUNERAL OFFERINGS.
PROPERTY: POSSESSIONS.
PROTECTION CELESTIAL.
PROTECTION: MUMMY, GIRDLE, FLAT SCARAB.
PLATE VIII

PROTECTION: INSCRIBED SCARAB, BACKS.
PROTECTION: INSCRIBED SCARAB, FRONTS.
PROTECTION: PECTORALS.
PLATE XI

PROTECTION: SCARAB WITH LEGS AND WINGS.
PROPERTY: VULTURE, SERPENT.
PROTECTION: CASES FOR REPTILES.
PROTECTION: HORN AND SHELLS.
PROTECTION: SHELLS, IMPLEMENTS, FIGURES, BULLAE.
PROTECTION: FOREHEAD PENDANTS.
PLATE XVII

PROTECTION: KNOTTED CORDS.
PROTECTION: KNOTTED CORDS.
PROTECTION: CORDS, WEAVING, CHARM CASES.
PROTECTION: HYPOCEPHALL
PROTECTION: INSCRIBED STONES, GREEK.
PROTECTION: INSCRIBED STONES, NON-GREEK.
PROTECTION: INSCRIBED, SEMITIC, CROSS.
HUMAN GODS: EYE OF HORUS.
HUMAN GODS: EYE OF HORUS.
HUMAN GODS: HORUS, ISIS.
HUMAN GODS: HORUS, ISIS, OSIRIS, NEBHAT.
HUMAN GODS: OSIRIS, HEART OF OSIRIS.
HUMAN GODS: ORACULAR BUSTS.
HUMAN GODS: DWARFS, SAINTS.
ANIMAL-HEADED GODS: FOUR SONS OF RA.
ANIMAL-HEADED GODS: SET, SPHINX, HATHOR, KHNUMU, BES.
ANIMAL-HEADED GODS: BES, TAHUTI, MAHES.
ANIMAL-HEADED GODS: ANHUR WITH TEFNUT, SEKHMET, BASTET.
PLATE XXXVI

ANIMAL-HEADED GODS: SHU WITH TEFNUT, JACKAL, SEBEK, TAHUTI.
ANIMAL GODS: APE, BULL, COW.
ANIMAL GODS: COW, SHEEP, HARE, LION.
ANIMAL GODS: LION, CAT, JACKAL.
ANIMAL GODS: SHREWMOUSE, DOG, PIG, HIPPOPOTAMUS
ANIMAL GODS: REPTILES, BIRDS.
ANIMAL GODS: BIRDS.
ANIMAL GODS, AND VARIOUS OBJECTS.
ADDENDA.
ADDENDA.
PLANS OF AMULETS ON MUMMIES.

HAWARA

1. HEAD

2. LEFT UPPER ARM BEADS N, L

3. RIGHT HAND

4. MATERALS
   A. GOLD
   B. BRASS
   C. CARMELIAN
   D. DIORITE
   E. GREEN FELSPAR
   F. GREEN GLASS
   G. HAEMATITE
   H. JASPER, RED
   I. JASPER, GREEN
   J. N. BLACK LIMESTONE
   K. OBSIDIAN
   L. OBSIDIAN
   M. SYENITE
   N. STEATITE
   O. YELLOW LIMESTONE
   P. WHITE

HORUZA

1. HEAD

2. LEFT UPPER ARM BEADS N, L

3. RIGHT HAND

4. MATERALS
   A. GOLD
   B. BRASS
   C. CARMELIAN
   D. DIORITE
   E. GREEN FELSPAR
   F. GREEN GLASS
   G. HAEMATITE
   H. JASPER, RED
   I. JASPER, GREEN
   J. N. BLACK LIMESTONE
   K. OBSIDIAN
   L. OBSIDIAN
   M. SYENITE
   N. STEATITE
   O. YELLOW LIMESTONE
   P. WHITE

HAWARA 2

3. HEAD

4. LEFT UPPER ARM BEADS N, L

5. RIGHT HAND

6. MATERALS
   A. GOLD
   B. BRASS
   C. CARMELIAN
   D. DIORITE
   E. GREEN FELSPAR
   F. GREEN GLASS
   G. HAEMATITE
   H. JASPER, RED
   I. JASPER, GREEN
   J. N. BLACK LIMESTONE
   K. OBSIDIAN
   L. OBSIDIAN
   M. SYENITE
   N. STEATITE
   O. YELLOW LIMESTONE
   P. WHITE

HAWARA 4

3. HEAD

4. LEFT UPPER ARM BEADS N, L

5. RIGHT HAND

6. MATERALS
   A. GOLD
   B. BRASS
   C. CARMELIAN
   D. DIORITE
   E. GREEN FELSPAR
   F. GREEN GLASS
   G. HAEMATITE
   H. JASPER, RED
   I. JASPER, GREEN
   J. N. BLACK LIMESTONE
   K. OBSIDIAN
   L. OBSIDIAN
   M. SYENITE
   N. STEATITE
   O. YELLOW LIMESTONE
   P. WHITE

HAWARA 6

3. HEAD

4. LEFT UPPER ARM BEADS N, L

5. RIGHT HAND

6. MATERALS
   A. GOLD
   B. BRASS
   C. CARMELIAN
   D. DIORITE
   E. GREEN FELSPAR
   F. GREEN GLASS
   G. HAEMATITE
   H. JASPER, RED
   I. JASPER, GREEN
   J. N. BLACK LIMESTONE
   K. OBSIDIAN
   L. OBSIDIAN
   M. SYENITE
   N. STEATITE
   O. YELLOW LIMESTONE
   P. WHITE

GILT BANDS ON WRISTS

GILT BANDS ON WRISTS
PLANS OF AMULETS ON MUMMIES.

13. NEBESHEH C.
14. NEBESHEH D.
15. DENDEREH α III.
16. DENDEREH α I.
17. DENDEREH α II.
18. DENDEREH 54.
PLANS OF AMULETS ON MUMMIES.
RETURN TO MAIN CIRCULATION

ALL BOOKS ARE SUBJECT TO RECALL
RENEW BOOKS BY CALLING 642-3405

DUE AS STAMPED BELOW

RECEIVED
MAY 1 1995
CIRCULATION DEPT.
SENT ON ILL
OCT 19 1995
U.C. BERKELEY
JAN 30 1999
OCT 15 2000
JUN 24 2003
NOV 18 2006

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY, CA 94720

FORM NO. DD6