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PLANT ORNAMENT

ITS ORIGIN AND DEVELOPMENT IN THE ANCIENT NEAR EAST

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AND LITERATURE

BY

HELENE J. KANTOR

CHICAGO, ILLINOIS

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EXPLANATION OF REISSUE OF THIS MANUSCRIPT 1999

An expanded book length manuscript was among the papers that Helene J. Kantor left to the Oriental Institute at the University of Chicago. She received the Ph. D. degree from the University of Chicago in 1945 on the basis of a summary of the contents of this manuscript and in the expectation that the thesis would be published as a book. Instead, a long article, "The Aegean and the Orient in the Second Millennium B. C." was published in *American Journal of Archaeology* 51:1-103 in 1947. It was later issued as The Archaeological Institute of America Monograph No. 1. Some of the contents of this article were reworked from Sections II and III of this book length manuscript.

For many years Miss Kantor collected photographs and made sketches to illustrate the points she emphasized in the manuscript, but other commitments (her archaeological excavations at Chogha Mish, for instance) kept her from being able to revise, rewrite and complete the manuscript for publication.

Under the direction of John Larson, Museum Archivist, and with the much appreciated help and advice from John Sanders, Head of the Oriental Institute Computer Laboratory, Charles Jones, Research Archivist, Emily Teeter, Associate Curator of the Oriental Institute Museum, and Thomas Urban, Oriental Institute Publications, this manuscript has been transcribed by Oriental Institute volunteers Peggy Grant and Mary Shea. The footnotes have been completed as far as possible, and most of Miss Kantor's "draft sketches" reproduced. It must be emphasized that these sketches were not intended for publication. If the thesis had been printed, the sketches would have been professionally drawn. The sources of the sketches as identified by Miss Kantor are given at the end of each chapter. Although obviously out of date, the careful and detailed research should prove valuable to contemporary scholars in the field of ancient Near Eastern art.

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ABBREVIATIONS

- A+no = L. Delaporte, *Catalogue des Cylindres Orientaux* (Musée du Louvre)
- AA = *Anzeiger des Jahrbuchs des deutschen archäologischen Instituts in Berlin*
- AASOR = *Annual of the American Schools of Oriental Research*
- AJ = *Antiquaries Journal*
- AJA = *American Journal of Archaeology*
- AJSL = *American Journal of Semitic Languages and Literature*
- AM = *Mitteilungen des deutschen Archäologische Instituts athenische abteilungen*
- Amarna = N. de G. Davies, *The Rock Tombs of el Amarna* (London, 1903-1908)
- Amenemhet = N. de G. Davies and A. H. Gardiner, *The Tomb of Amenemhet* (London, 1915)
- AMI = *Archaeologische Mitteilung aus Iran*
- Anc. Egy. Paint. = N. Davies and A. H. Gardiner, *Ancient Egyptian Painting* (Chicago, 1936)
- Annales = *Annales du Service des Antiquités d'Égypte*
- Annuario = *Annuario della R. Scuola Archeologica di Atene*
- Ant. Egy. Louvre = Boreux, *Antiquités égyptiennes du Louvre II, Guide-Catalogue sommaire* (Paris, 1932)
- Antefoker = N. de G. Davies, *The Tomb of Antefoker* (London, 1920)
- Arch = *Archaeologia*
- ArchC = J. D. S. Pendlebury, *The Archaeology of Crete*. (London, 1939)
- ArtC = H. Th. Bossert, *The Art of Ancient Crete from the Earliest Times to the Iron Age*. (London, 1937)
- Art. Égy. = Prisse d'Avennes, *Histoire de l'Art égyptien* (Paris, 1878)
- ArtPG = G. Perrot and C. Chipiez, *History of Art in Primitive Greece: Mycenaean Art* (London, 1894)
- Asine = Fröden-Persson, *Asine* (Stockholm, 1938).

- Atlas* = W. Wreszinski. *Atlas zur Aegyptischen Kulturgeschichte*. (Reprinted Geneva and Paris, 1988)
- BASOR = *Bulletin of the American Schools of Oriental Research*
- BCH = *Bulletin de Correspondance Hellénique*
- Beni Hasan* = H. Carter, etc., *Beni Hasan, 4 Vols* (London, 1893-1900)
- Bersheh* = P. E. Newberry, *El Bersheh*, 2 vols. (London, 1893-4)
- BIFAO = *Bulletin de l'Institut français d'Archéologie orientale du Caire*
- BMC = *Catalogue of the Greek and Etruscan Vases in the British Museum*. (London, 1893-1925)
- BMExCyprus = A. S. Murray, A. H. Smith and H. B. Walters, *Excavations in Cyprus* (British Museum, 1900)
- BMMA = *Bulletin of the Metropolitan Museum of Art*
- BMQ = *British Museum Quarterly*
- BN = L. Delaporte, *Catalogue des Cylindres Orientaux de la Bibliothèque Nationale* (Paris, 1910)
- Brett = H. H. Von der Osten, *Ancient Oriental Seals in the Collection of Mrs. Agnes Brett* (Oriental Institute Publications, XXXVII, Chicago, 1936)
- Brussels = Louis Speleers, *Catalogue des intailles orientales des Musées royaux* (Brussels, 1917)
- BSA = *Annual of the British School at Athens*
- Burlington = Burlington Fine Arts Club: *Catalogue of Ancient Egyptian Art* (London, 1922)
- Carchemish* = C. Leonard Woolley, *Report on the excavations..* (London, 1914-1952)
- City of Akhenaten* = J. D. Pendlebery and H. Frankfort, *City of Akhenaten* (London, 1930)
- CL+no. = Typological Check List of South-flower hybrids in Chapter VII
- CS = H. Frankfort, *Cylinder Seals* (London, 1939)
- CVA = *Corpus Vasorum Antiquorum*
- Dec. Art.* = F. Petrie, *Egyptian Decorative Art* (London, 1895)
- De Clercq = *Catalogue méthodique et raisonnée de la Collection De Clercq* (Paris, 1890)
- Deir el Bahri* = Naville, *Deir el Bahri* (London, 1908)

- Deir el Gebrawi* = N. de G. Davies, *The Rock Tombs of Deir el Gebrawi* (London, 1907)
- Delt = *Archaioloikon Deltion*
- Dendra* = F. Petrie, *Dendereh* (London, 1900)
- EPH = *Archaiologike Ephemeris*
- Festos* = Luigi Pernier, *Il Palazzo minoico di Festòs* (Rome, 1935)
- FIFAO = *Fouilles de l'Institut français d'Archéologie orientale*
- Five Theban Tombs* = N. de G. Davies, *Five Theban Tombs* (London, 1895)
- Harageh* = R. Engelbach, *Harageh* (London, 1923)
- Hier.* = F. W. Green and J. E. Quibell, *Hierakonpolis II* (London, 1899)
- Huy* = N. de G. Davies, *The Tomb of Huy* (London, 1926)
- ILN = *Illustrated London News*
- IFAO = *Institut français d'archéologie orientale du Caire.*
- JEA = *Journal of Egyptian Archaeology*
- JdI = *Jahrbuch d. k. d. Archäologischen Instituts*
- JHS = *Journal of Hellenic Studies*
- JNES = *Journal of Near Eastern Studies*
- Kantor, A&O = H. Kantor, *The Aegean and Orient in the Second Millenium B. C.* (AIA Monograph 1, 1947)
- Ken-Amun* = N. de G. Davies, *The Tomb of Ken-Amun at Thebes* (New Yprk, 1930)
- Klebs AR = L. Klebs, *Die Reliefs des Alten Reiches* (Heidelberg, 1915)
- Klebs MR = L. Klebs, *Die Reliefs und Malereien des Mittleren Reiches* (Heidelberg, 1922)
- Klebs NR = L. Klebs, *Die Reliefs und Malereien des Neues Reiches* (Heidelberg, 1934)
- Lachish II* = O. Tufnell, C. H. Inge and L. Harding, *Lachish ii; The Fosse Temple* (Oxford, 1938)
- LD = L. R. Lepsius, *Denkmahler aus Egypten und Aethiopien* (Berlin, 1884)
- MÄSBerl = *Mitteilung aus der Ägyptischen Sammlung, Berlin*

- MChron = A. Furumark, *The Chronology of Mycenaean Pottery* (Stockholm, 1940)
- Medinet Habu* = H. Nelson and U. Hölscher, *Medinet Habu* (Chicago, 1929-31)
- Meg. Tombs = P. L. O. Guy, *Megiddo Tombs* (Chicago, 1938)
- Meg. Iv. = G. Loud, *The Megiddo Ivories* (Chicago, 1939)
- Mem. Miss. Arch. Fr. = *Mémoires publiés par les membres de la mission archéologique française au Caire* (Paris, 1884ff)
- Men. et al.* = N. Davies and N. de G. Davies, *The Tombs of Menkheperresonb, Amenmose and Another* (London, 1933)
- MDIAA, MDIAK = *Mitteilungen des deutschen Instituts für ägyptische Altertumskunde in Kairo.*
- Meir* = A. M. Blackman, *The Rock Tombs of Meir* (Archaeological Survey XXIII, 1915)
- Menidi* = *Das Kuppelgrab bei Menidi* (Athens, 1880)
- Mereruka* = P. Duell et al., *The Mastaba of Mereruka* (Chicago, 1938)
- MIFAO = *Mémoires de l'Institut français d'archéologie orientale du Caire*
- MJ = *Museum Journal of the University of Pennsylvania*
- MonAnt = *Monumenti Antichi*
- Mon. Piot = *Monuments et Mémoires publiés par l'Académie des Inscriptions (Foundation Piot)*
- Moore = Gustav Eisen, *Ancient oriental cylinder and other seals with a description of the collection of Mrs. William H. Moore* (Chicago, 1940)
- MPot. = A. Furumark, *The Mycenaean Pottery, Analysis and Classification* (Stockholm, 1941).
- Myk. Vasen = A. Furtwängler, *Mykenische Vasen* (Berlin, 1886)
- Nakht* = N. de G. Davies, *The Tomb of Nakht at Thebes* (New York, 1917)
- Neferhotep* = N. de G. Davies, *The Tomb of Neferhotep at Thebes* (New York, 1933)
- Nebamun* = N. de G. Davies, *The Tomb of Nebamun and Ipuki* (BMMA, New York, 1920)
- Newell = H. H. Von der Osten, *Ancient Oriental seals in the collection of Mr. Edward T. Newell* (Oriental Institute Publications XXII (Chicago, 1934)
- OIP = *Oriental Institute Publications.*

- PEF = *Palestine Exploration Fund Annual*
- PEQ = *Palestine Exploration Quarterly*
- PM = Arthur Evans, *The Palace of Minos at Knossos I-IV* (London, 1921-1935).
- Prisse, *Art. égy.* = Prisse d'Avennes, *Histoire de l'Art égyptien* (Paris, 1878)
- Prisse, *Mon.* = Prisse d'Avennes, *Monuments égyptiens* (Paris, 1847).
- Pro. = C. W. Blegen, *Prosymna: The Helladic Settlement Preceding the Argive Heraeum.* (Cambridge, 1937)
- Ptahhetep* = N. de G. Davies, *The Mastaba of Ptahhetep and Akhetetep at Saqqara* (London, 1900)
- Puyemre* = N. de G. Davies, *The Tomb of Puyemre at Thebes* (New York, 1922)
- Qenamun* = See Ken-Amun
- Q+no. = *Catalogue of the Collection of Antique Art formed by James, Ninth Earl of Southesk* (London, 1908)
- QDAP = *Quarterly of the Department of Antiquities in Palestine*
- Ramose* = N. de G. Davies, *The Tomb of the Vizier Ramose* (London, 1946)
- REA = *Revue d'Égypte ancienne.*
- Rekhmire* = N. de G. Davies, *The Tomb of Rekhmire at Thebes* (New York, 1943)
- Rosellini, *Mon. Civ.* = Rosellini, *Monumenti civili* (Pisa, 1834)
- RT = Persson, *The Royal Tombs at Dendra near Midea* (Lund, 1931).
- Samaria* = G. Reisner et al., *Harvard Excavations at Samaria 1908-10* (Cambridge, 1924)
- SAOC = *Studies in Ancient Oriental Civilization*, University of Chicago
- SCE = E. Gjerstad et al., *The Swedish Cyprus Expedition: Finds and Results, 1927-1931.*
- Schgr = G. Karo, *Die Schachtgräber von Mykenai* (Munich, 1930).
- Sedment* = F. Petrie, *Sedment* (London, 1924)
- Sendschirli* = Orient-Kom, *Sendschirli I* (Berlin, 1903-43)
- Tell Halaf* = M. F. von Oppenheim, *Der Tell Halaf* (Leipzig, 1931)
- Tiryns II* = *Kaiserlich Deutsches Archaeologische Institute in Athens.* (Athens, 1912)

- Tomb Tut .* = Howard Carter, *The Tomb of Tutankhamun*, I- III (New York, 1963).
- Two Officials* = N. de G. Davies, *The Tombs of Two Officials of Tuthmosis IV* (London, 1923)
- Two Ramesside Tombs* = N. de G. Davies, *Two Ramesside Tombs at Thebes* (New York, 1927)
- Two Sculptors* = N. de G. Davies, *The Tomb of Two Sculptors at Thebes* (New York, 1925)
- VA+no. = Object in the Vorderasiatische Abteilung der Staatliche Museum, Berlin.
- VAR+no. = A.Moortgat, *Vorderasiatische Rollsiegel* (Berlin, 1940)
- Ward = W. H. Ward, *The Seal Cylinders of Western Asia* (Publication No. 100 of the Carnegie Institution of Washington, Washington,D.C.).
- Ward-Morgan = W. H. Ward, *Cylinders and other Oriental Seals in the Library of J. Pierpont Morgan* (New York, 1909).
- Weber = Otto Weber, *Altorientalische Siegelbilder* (*Der Alte Orient*, XVII-XVIII, Leipzig, 1920)
- WVDOG = *Wissenschaftliche Veröffentlichung der deutschen Orient-Gesellschaft*
- ZA = *Zeitschrift für Assyriologie*
- ZÄS = *Zeitschrift für Ägyptische Sprache und Altertumskunde*
- ZDPV = *Zeitschrift des Deutschen Palästine-Verein*

PREFACE

The genesis and evolution of those branches of ancient Near Eastern ornament which are either based upon or related with plant forms constitute the subject matter of this study. The various traditions of vegetal design that grew up in Egypt, Western Asia, and in the pre-Greek Aegean played a prominent role in ancient art, and are thus, in themselves, of great intrinsic interest. However, they are also important in a far wider connection. As Riegl¹ and others² have pointed out, the creations of the ancient Orient provided the sources from which the plant ornaments of Greece developed. These, in turn, supplied the basis for the later development of vegetal decoration, in the East as well as in the West. Despite the contributions of a number of scholars, a synthesis of the early evolution of plant ornament in the Near East, utilizing the materials accumulated since Riegl published his *Stilfragen* in 1893, has not yet been produced. Here we have attempted to fill this gap by tracing the history of plant ornament from its earliest sources, found in Egypt during the Third Millennium B.C., until its transmission to Greece in the later part of the Eighth and in the Seventh Century B.C.

It is a pleasure to acknowledge the assistance received while preparing this work. Professors Ulrich A. Middeldorf and John A. Wilson have read the manuscript and made a number of valuable observations. I wish to thank various members of the Department of Oriental Languages and Literatures for calling my attention to several interesting points in connection with this study. Doctor Robert J. Braidwood and Linda Braidwood have been very kind in allowing me to examine certain unpublished materials excavated by the Syrian Expedition of the Oriental Institute. It is to Professor Henri Frankfort, however, that I owe my main debt. He suggested to me the topic of this study and it has been written under his guidance. When difficulties arose, he has always provided steady encouragement and assistance.

HJK

¹ Alois Riegl, *Stilfragen* (Berlin, 1893), pp. 44-150.

² H. Goodyear, *The Grammar of the Lotus* (London, 1891). Carl Watzinger, "Die Griechische Grabstele und der Orient," *Genethliakon Wilhelm Schmid* (Stuttgart, 1929), pp. 141-167. W. Vollgraff, "Influences orientales dans la civilization hellène et moderne," *Melanges Bidez* (Brussels, 1934), p. 996

