## **KOSMOS**

# JEWELLERY, ADORNMENT AND TEXTILES IN THE AEGEAN BRONZE AGE

Proceedings of the 13<sup>th</sup> International Aegean Conference/ 13<sup>e</sup> Rencontre égéenne internationale, University of Copenhagen, Danish National Research Foundation's Centre for Textile Research, 21-26 April 2010

Edited by Marie-Louise NOSCH and Robert LAFFINEUR

PEETERS LEUVEN - LIEGE 2012

### TABLE OF CONTENTS

Preface Abbreviations	vii ix
KEYNOTE ADDRESS	
Robert LAFFINEUR For a Kosmology of the Aegean Bronze Age	3
I. ASPECTS OF KOSMOS	
Elizabeth J.W. BARBER Some Evidence for Traditional Ritual Costume in the Bronze Age Aegean	25
Jean-Claude POURSAT Of Looms and Pebbles: Weaving at Minoan Coastal Settlements	31
Andreas VLACHOPOULOS and Fragoula GEORMA  Jewellery and Adornment at Akrotiri, Thera: The Evidence from the Wall Paintings and the Finds	35
Marie-Louise NOSCH From Texts to Textiles in the Aegean Bronze Age	43
II. TEXTILES	
Evanthia PAPADOPOULOU  Textile Technology in Northern Greece: Evidence for a Domestic Craft Industry from Early Bronze Age Archontiko	57
Malgorzata SIENNICKA Textile Poduction in Early Helladic Tiryns	65
Vassilis P. PETRAKIS 'Minoan' to 'Mycenaean': Thoughts on the Emergence of the Knossian Textile Industry	77
Maria Emanuela ALBERTI, Vassilis L. ARAVANTINOS, Maurizio DEL FREO, Ioannis FAPPAS, Athina PAPADAKI and Françoise ROUGEMONT Textile Production in Mycenaean Thebes. A First Overview	87
Marta GUZOWSKA, Ralf BECKS and Eva ANDERSSON STRAND "She was weaving a great Web". Textiles in Troia	107
Margarita GLEBA and Joanne CUTLER  Textile Production in Bronze Age Miletos: First Observations	113
Peter PAVÚK Of Spools and Discoid Loom-Weights: Aegean-type Weaving at Troy Revisited	121
Richard FIRTH  The Textile Tools of Demircihüyük	131

Sascha MAUEL Summarizing Results of a New Analysis of the Textile Tools from the Bronze Age Settlement of Kastanas, Central Macedonia	139
Joanne CUTLER  Ariadne's Thread: The Adoption of Cretan Weaving Technology in the Wider Southern Aegean in the Mid-Second Millennium BC	145
Carlos VARIAS  The Textile Industry in the Argolid in the Late Bronze Age from the Written Sources	155
Trevor VAN DAMME Reviewing the Evidence for a Bronze Age Silk Industry	163
Brendan BURKE  Looking for Sea-Silk in the Bronze Age Aegean	171
Vili APOSTOLAKOU, Thomas M. BROGAN and Philip P. BETANCOURT The Minoan Settlement on Chryssi and its Murex Dye Industry	179
Philip P. BETANCOURT, Vili APOSTOLAKOU and Thomas M. BROGAN The Workshop for Making Dyes at Pefka, Crete	183
Thomas M. BROGAN, Philip P. BETANCOURT and Vili APOSTOLAKOU  The Purple Dye Industry of Eastern Crete	187
Helène WHITTAKER  Some Reflections on the Use and Meaning of Colour in Dress and Adornment in the Aegean Bronze Age	193
Pietro MILITELLO  Textile Activity in Neolithic Crete: the Evidence from Phaistos	199
Eva ANDERSSON STRAND From Spindle Whorls and Loom Weights to Fabrics in the Bronze Age Aegean and Eastern Mediterranean	207
Sophia VAKIRTZI Akr 8794: A Miniature Artifact from Akrotiri, Thera, and the "Whorl or Bead" Question in Light of New Textile Evidence	215
Bernice JONES The Construction and Significance of the Minoan Side-Pleated Skirt	221
Janice L. CROWLEY  Prestige Clothing in the Bronze Age Aegean	231
Joanna S. SMITH  Tapestries in the Mediterranean Late Bronze Age	241
Abby LILLETHUN Finding the Flounced Skirt (Back Apron)	251
Valeria LENUZZA  Dressing Priestly Shoulders: Suggestions from the Campstool Fresco	255
Eleni KONSTANTINIDI-SYVRIDI  A Fashion Model of Mycengean Times: The Ivory Lady from Prosymna.	265

Alessandro GRECO  The Background of Mycenaean Fashion: a Comparison between Near Eastern and Knossos Documents on Sheep Husbandry	271
Joann GULIZIO  Textiles for the Gods? Linear B Evidence for the Use of Textiles in Religious Ceremonies	279
Jörg WEILHARTNER  Gender Dimorphism in the Linear A and Linear B Tablets	287
Anne P. CHAPIN  Do Clothes Make the Man (or Woman?): Sex, Gender, Costume, and the Aegean  Color Convention	297
David A. WARBURTON  Economic Aspects of Textiles from the Egyptian Standpoint, in the Context of the Ancient Near East	305
Katherina ASLANIDOU  Some Textile Patterns from the Aegean Wall-Paintings of Tell el-Dab'a ('Ezbet Helmi):  Preliminary Reconstructions and comparative Study	311
Emily Catherine EGAN  Cut from the Same Cloth: The Textile Connection between Palace Style Jars and Knossian Wall Paintings	317
Fritz BLAKOLMER Body Marks and Textile Ornaments in Aegean Iconography: Their Meaning and Symbolism	325
Elisabetta BORGNA Remarks on Female Attire of Minoan and Mycenaean Clay Figures	335
III. JEWELLERY	
Eleni SALAVOURA Mycenaean "Ear pick": A Rare Metal Burial Gift, Toilette or Medical Implement?	345
Birgitta P. HALLAGER  Pins and Buttons in Late Minoan III Dresses?	353
Ute GÜNKEL-MASCHEK Reflections on the Symbolic Meaning of the Olive Branch as Head-Ornament in the Wall Paintings of Building Xesté 3, Akrotiri	361
Cynthia COLBURN Bodily Adornment in the Early Bronze Age Aegean and Near East	369
Evangelos KYRIAKIDIS  How to see the Minoan Signet Rings. Transformations in Minoan Miniature Iconography	
Julie HRUBY  Identity and the Visual Identification of Seals	379 389
Konstantinos KOPANIAS Raw Material, Exotic Jewellery or Magic Objects? The Use of Imported Near Eastern Seals in the Aegean	397
Salvatore VITALE  Dressing Up the Dead. The Significance of Late Helladic IIIB Adornments from Eleona and Langada at Kos	407

Petya HRISTOVA Overlaying Mycenae's Masks in Funerary and Living Contexts of Symbolic Action: Jewellery for Body Adornment, Portraits, or Else?	417
Judit HAAS-LEBEGYEV  Constructions of Gendered Identity through Jewellery in Early Mycenaean Greece	425
Maia POMADÈRE  Dressing and Adorning Children in the Aegean Bronze Age: Material and Symbolic Protections as well as Marks of an Age Group?	433
Robert Angus K. SMITH and Mary K. DABNEY Children and Adornment in Mycenaean Funerary Ritual at Ayia Sotira, Nemea	441
Lena PAPAZOGLOU-MANIOUDAKI  Gold and Ivory Objects at Mycenae and Dendra Revealed. Private Luxury and/or Insignia Dignitatis	447
Jeffrey S. SOLES  The Symbolism of Certain Minoan/Mycenaean Beads from Mochlos	457
Walter MÜLLER  Concepts of Value in the Aegean Bronze Age: Some Remarks on the Use of Precious Materials for Seals and Finger Rings	463
Anastasia DAKOURI-HILD  Making La Différence: The Production and Consumption of Ornaments in Late Bronze Age Boeotia	471
Jacke PHILLIPS On the Use and Re-Use of Jewellery Elements	483
Dora CONSTANTINIDIS and Lilian KARALI Floral or Faunal? Determining Forces on Minoan and Mycenaean Jewellery Motif Selection with a GIS	493
Magda PIENIĄŻEK  Luxury and Prestige on the Edge of the Mediterranean World: Jewellery from Troia and the Northern Aegean in the 2nd Millennium B.C. and its Context	501
Ann-Louise SCHALLIN Mycenaean Jewellery and Adornment at Midea	509
Thanasis J. PAPADOPOULOS and Litsa KONTORLI-PAPADOPOULOU  Specific Types of Jewellery from Late Bronze Age Tombs in Western Greece as Evidence for Social Differentiation	515
Jane HICKMAN  Gold and Silver Jewelry Production in Prepalatial Crete	523
Elisabeth VÖLLING, Nicole REIFARTH and Jochen VOGL  The Intercultural Context of Treasure A in Troy - Jewellery and Textiles	531
Naya SGOURITSA Remarks on Jewels from the Mycenaean Settlement and Cemetery at Lazarides on Eastern Aegina	539
Constantinos PASCHALIDIS  Reflections of Eternal Beauty. The Unpublished Context of a Wealthy Female Burial  from Koukaki. Athens and the Occurrence of Mirrors in Mycenaean Tombs	547

Elizabeth SHANK  The Jewelry worn by the Procession of Mature Women from Xeste 3, Akrotiri	559
Helena TOMAS  Alleged Aegean Jewellery from the Eastern Adriatic Coast	567
IV. ADORNMENT	
Carole GILLIS Color for the Dead, Status for the Living	579
Marcia NUGENT  Natural Adornment by Design: Beauty and/or Function? Botanic Motifs of the Bronze Age Cycladic Islands	589
Anna SIMANDIRAKI-GRIMSHAW and Fay STEVENS Adorning the Body: Animals as Ornaments in Bronze Age Crete	597
Vassiliki PLIATSIKA Simply Divine: the Jewellery, Dress and Body Adornment of the Mycenaean Clay Female Figures in Light of New Evidence from Mycenae	609
Eugenio R. LUJÁN and Alberto BERNABÉ  Ivory and Horn Production in Mycenaean Texts	627
Josephine VERDUCI Wasp-waisted Minoans: Costume, Belts and Body Modification in the Late Bronze Age Aegean	639
Angelos PAPADOPOULOS  Dressing a Late Bronze Age Warrior: The Role of 'Uniforms' and Weaponry according to the Iconographical Evidence	647
Mary Jane CUYLER Rose, Sage, Cyperus and e-ti: The Adornment of Olive Oil at the Palace of Nestor	655
Louise A. HITCHCOCK  Dressed to Impress: Architectural Adornment as an Exotic Marker of Elite Identity in the Eastern Mediterranean	663
Karen Polinger FOSTER The Adornment of Aegean Boats	673
Cynthia W. SHELMERDINE Mycenaean Furniture and Vessels: Text and Image	685
Thomas G. PALAIMA Kosmos in the Mycenaean Tablets: the Response of Mycenaean 'Scribes' to the Mycenaean Culture of Kosmos	697
Annette Højen SØRENSEN  A Toast to Diplomacy! Cups in Diplomacy and Trade: the Case of Minoica in Cyprus and the Levant, 2000-1500 BC	705
Iphiyenia TOURNAVITOU  Fresco Decoration and Politics in a Mycenaean Palatial Centre: The Case of the West House at Mycenae	723
Maria C. SHAW Shields made of Cloth? Interpreting a Wall Painting in the Mycenaean Palace at Pylos	731

Olga KRZYSZKOWSKA Worn to Impress? Symbol and Status in Aegean Glyptic	739
John G. YOUNGER  Mycenaean Collections of Seals: The Role of Blue	749
Nancy R. THOMAS  Adorning with the Brush and Burin: Cross-Craft in Aegean Ivory, Fresco, and Inlaid Metal	755
Anaya SARPAKI and Melpo SKOULA  Case Studies of the Ethnobotany of Adornment and Dyeing in Crete: Insights for a Dialogue with Archaeological Models in Greece	765
Jason W. EARLE Cosmetics and Cult Practices in the Bronze Age Aegean? A Case Study of Women with Red Ears	771
Aikaterini PAPANTHIMOU and Ioannis FAPPAS  Ceremonial Adornment and Purification Practices in Mycenaean Greece: Indigenous  Developments and Near Eastern Influences	779
Caroline ZAITOUN  The "Immanent" Process of Cosmetic Adornment. Similarities between Mycenaean and Egyptian Ritual Preparations	789
Katherine M. HARRELL  The Weapon's Beauty: A Reconsideration of the Ornamentation of the Shaft Grave Swords	799
"QU'IL EST PERMIS DE RIRE"	
Thomas G. PALAIMA  KO Ko 2010 Cloth Fragments of the Rapinewiad	807

#### KO Ko 2010 CLOTH FRAGMENTS OF THE RAPINEWIAD

#### Introduction

Not since Patricia Highsmith gave life to the *Talented Mr. Ripley* in 1955, has a figure of such criminal ingenuity so dominated the imaginations of any segment of the educated public as the talented, and, we should also say, resourceful, generous, debonair, shrewd, clever, ingenious, hospitable, peripatetic, high-spirited, cooperative, witty, urbane, enchanting, insightful, indefatigable, and downright nice mastermind of Aegean prehistory and *Aegaeum* conferences, the truly and inimitably elusive *rapineu*, has captivated the attentions of Aegean scholars worldwide.

#### Proved Authenticity of Aegeaum-Related Finds

I have spent a good deal of my career tracking this mastermind in a series of adventures that have always brought me face-to-face with the most incredible discoveries of inscriptions in the most unexpected and out-of-the-way places. What is most extraordinary is that this even happened when I did not attend the actual *Aegaeum* conference where the discovery was made!

These finds are so incredible that it is necessary to review them briefly, just to make sure that they ever were really found. That they are genuine is proved by the fact that references to and discussions of the texts of two such inscriptions appear in serious scholarly publications in France and in Poland.<sup>1</sup>

#### Selective Review of Finds: Dossier ra-pi-ne-u<sup>2</sup>

First, we have the simplest of all these discoveries, twenty years ago, from the STARESO research station in Calvi, Corsica April 23-25, 1990, when intrepid scholars gathered in a James-Bond environment at the Belgian underwater research station to examine *thalassa* in Aegean prehistory. *rapineu* was here joined by *desousa* and *qau* in serving as hosts.

During the period April 10-13, 1994, in Heidelberg, *ruqo* (the name is now explicated in minute detail by Witczak as noted above in note 1) served as *korētēr* and *rapineu* as *prokorētēr* in organizing satisfactory discussions of *politeia*. The consumption of wine, mugs of a beer-like drink, and even of coffee during the coffee breaks, helped focus attention on such topics as the human bull-leaper, which was here identified ideographically for the first time ever.

During the conference on *tekhnē* in Philadelphia, April 18-21, 1996 there was a startling discovery of a Linear B tablet in the excavations connected with an urban renewal project. The

Most recently, with considerable sophisticated wit, by Krzysztof Tomasz WITCZAK in *DO-SO-MO* 8 (2009) 113-115. Witczak is keeping on course with a running joke in the section of *DO-SO-MO* entitled "Historia Mycenologiae. Personalia." There he interprets the figure *to-ma pa-ra-ma* as 'Stomas by his hand.' Earlier, with more unfortunate results, B. SERGENT in "Les petits nodules et la grande Béotie," *REA* 96 (1994) 365-384, took a joke limerick by Palaima (and Melena) absolutely seriously (370 n. 29): "Th. Palaima publie par ailleurs, dans la revue bibliographique de mycénologie *Nestor*, en Septembre 1992, 2501-2502, une tablette en Linéaire B découverte dans une "collection privée" à Rome, et contenant un poème dans lequel un nommé Thebaios (!) de Karustos porta à Pylos le peau d'un taureau... Ce serait bien là le seul poème de l'épigraphie mycénienne!!"

These finds are published by T.G. PALAIMA, in *Thalassa*, 4; "A Linear B Tablet from Heidelberg," in *POLITEIA*, 699-670; "PH Up 1996," in *TEXNH*, 539-543; "A Linear B Inscribed Galet from Liège: LIE Ga 1998 A Gaufre or 'Galet'," in *Polemos*, 507-511 "A Linear-B-Inscribed 'Herring' from Göteborg: An Ichthyomorphic Epiphany," in *POTNIA*, 485-491; "A New Linear B Inscription from the Land Down Under," in *DAIS*, 429-432.

text contained in line .3 the first ever hybrid logograms. These denoted a 'bête en cour' = VIR + TA and a rabbit-man or *lapineus*. The conference also used a new form of vehicle, designated ideographically and made specific by the word-unit in the dual form *lawophoreiō* or 'people-carrier.'

Surely one of the most unusual of all such discoveries, and the tastiest and easiest to consume, was the *gaufre* or, as it is known in the local dialect around the arms-manufacturing center of Liège, *galet*, found during the period April 14-17, 1998 not long after the infamous Kafkania galet or 'pebble,' discovered on April Fool's Day, 1994, first began to make its own strange paths through the annals of Aegean scholarship. This inscribed *galet* or 'Belgian waffle' seems to have been a kind of labyrinthine game where a man name *Deukalion* encountered threatening weapons, *polla astea*, tempting feasts, frustratingly escargot-paced waiters, crazed Liègian drivers, alluring women, Zakro-Master-style multi-sex monsters, incurable and unrepentant girls of the sort formerly cared for at a local architectural curiosity known as Vertbois, and many coffee breaks, in order to reach his sweetheart named *pura*<sub>2</sub>. Love eventually conquers all, even *rapineu*, to judge by his own habits as a husband whose scholarly peregrinations were not punctuated by long stays with modern Calypsos and Circes.

In Göteborg, from April 15-20, 2000, during a conference, coincidentally enough, devoted to *potnia*, the *mistress* goddess, a unique ichthyomorphic text, an inscribed herring to be exact, recorded the celebration of the 65<sup>th</sup> anniversary of an honoree named 'Robin Bird-Cherry' who had as distinguished a career in Aegean archaeology in Sweden and Athens as *rapineu* has had in Belgium and beyond. Here an individual named *para* ma was *grapheus* and the famous *rapineu* himself was *epistatēs*.

An incredible and un-disposable text from Melbourne, March 25-29, 2008, was shaped in the form of a boomerang. It recorded the proceedings of a conference devoted to the Mycenaean feast or *dais*, under the stewardship of *rapineu*, Hitscock and Crowley. There were 'coffee breaks,' Shelmerdinian wine, and rightly unmentionable things done for the sake of love by means of fatted pigs.

I know it may seem as if nothing could possibly top any of the finds reviewed in this awe-inspiring, albeit condensed and selective, catalogue of singular epigraphical finds. But I am honored to report that, as might be expected when we are dealing with the thaumaturgical *rapineu*, this is not the case.

#### **Circumstances of Discovery**

Some months ago Marie Louise Nosch sent to me fragments of Mycenaean cloth that had been stored away inside a Mycenaean *qerana* (of a kind found at Dendra) from a Geometric context. It seems to have been a kind of Geometric t-shirt. The specialists here in Copenhagen had noticed evanescent traces of what looked like characters of script seemingly imprinted on the surface of the heirloom cloth.

#### **Method of Analysis:**

To study this new find, I drafted an emergency application to INSTAP to fund the wherewithal to use a method I learned from *rapineu* thirty years ago in Patras, Greece at the 2nd International Peloponnesian Conference. There, at our first meeting, we were engaged as audiovisual experts and amateur electricians. *rapineu* proudly lists this event as #6 under *Réunions Scientifiques* on his epic 37-page (!!!!) *curriculum vitae*, but suppresses the fact that we were forced to work as non-union labor despite the strong pro-labor politics of PASOK in Greece at the time. Having secured funding from INSTAP, I purchased the necessary research enhancers, cases and cases of it.

I then proceeded to examine the traces on the t-shirt. As I studied, I had first 'just a drop' of good Texan wine, and then another and another. And not too soon—these things take time—the text became clearer and clearer in its entirety.

#### Fragments of an Early Epic (Fig. 1)

I am happy to reveal here that we seem to have our earliest traces of an alphabetic epic text. The text reads as follows and has been given the title, for obvious reasons, the *Rapinewiad*.

φρόντιδ' ἄειδε, θεά, Φαιδροκλέρεος Λαφινῆρος ἀφελίμην, ή μύρια λάμπροις κέρδε' ἔθηκε. πολλὰς δὴ συνετὰς ψυχὰς Μαριᾳ προέπεμψεν ἐμπείρων, αὐτοὺς δὲ ἀριστεφάνους γε τέτυκται ἀνθρώποισί τε πᾶσι. τελείετο κόσμοο βουλή.

Sing the attentive solicitude of **Bright-Fame Lafineus** the **helpful** care which set myriad benefits upon brilliant persons. Indeed it sent forth many intelligent souls to Marie of **learned** persons, and it made them conspicuously crowned, and for all human beings. The plan of *kosmos* was brought to pass.

## 

Fig. 1 Tom Palaima's drawing and inking of the evanescent text on the Geometric fabric sent from Copenhagen. Palaima used methods known to *rapineu* to see and draw, drop by extra drop, first in pencil and then in ink, the characters of these five lines apparently from the opening of the long-lost *Rapinewiad*. The characters are in a 7th-century Euboean script, with some possibility of influence from the region of Thorikos in eastern Attica. The text reads boustrophedon and was done in a reasonably steady hand. Note the lower-register first omicron in the *Beiname Phaidrokleweos* in line 1

#### **Commentary**

Line 1: Φαιδροκλέξης 'Bright-Fame' seemingly a *Beiname* or second personal name, the Greek equivalent of an IE compound name, akin to Germanic *Robert* from <u>hrod</u> 'fame' and <u>beraht</u> 'bright.'

Line 3: Mapıã undoubtedly a reference to Marie Louise Nosch.

The intertextual echoes here with the *Iliad*, or perhaps vice versa, are clear.

Compare:

Rapinewiad Iliad

τελείετο κόσμοο βουλή vs. Διὸς δ'ἐτελείετο βουλή

the plan (or council) of *kosmos* vs. the plan of Zeus was brought to pass was brought to pass

The opening of this epic makes clear that for this council discussing *kosmos*, the well-known figure *rapineu*, here with his well-deserved *Beiname* as 'Fame-Bright,' has himself sent the brightest and most talented persons to the care of Marie (Louise Nosch).

As he has done throughout his long and distinguished career, Robert Laffineur has given us the opportunity to share specialist knowledge across disciplinary boundaries in a stimulating, engaging, polite, and socially satisfying way. For more than twenty years, he has worked hard at furthering research and more than purely scientific knowledge in our field. He has done so with grace, charm, good humor, without complaint, but with more than 'just a drop.'

I personally am honored that he has trusted me on so many occasions with the task, as Horace once put it, of smiling while speaking the truth 'ridentem dicere verum.' All my many discoveries have been inspired by a 'brightly famous' friendship and by my own admiration of Robert's equanimity, enthusiasm, commitment as a scholar and devotion to the essence of what collegiality and collaboration mean in a field like Aegean studies. I have been particularly aware of the need throughout to manifest and put into practice a quality that marks the hero of Vergil's *Aeneid*, namely *pietas*.

These inscribed finds have continued the tradition that my dear and now ailing mentor Emmett L. Bennett, Jr., began in *Nestor* over fifty years ago: "il est permis de rire entre mycénologues." This has also inspired me. And I take great pride, once again, in discharging a duty that I prize among the greatest privileges my career has afforded me.

rapineu – Laffineur, whether as 'Robert' or Φαιδροκλέξης, deserves to have the spotlight of kleos shine brightly upon him for all the kosmos he himself has brought to the field of Aegean studies since 1972 when he began as an aspirant of the Belgian National Research Foundation and during his time as editor of the Aegaeum series.

Let us all rise and publicly applaud in Copenhagen and throughout the kosmos, the continuing work of our great friend and colleague, a true humanist, Robert Laffineur. We hope that when we next look, his *curriculum vitae* may be 40 pages long!

rapineu! rapineu! rapineu!

Thomas G. PALAIMA