#### CHAPTER 21

# AEGEAN-TYPE POTTERY FROM MEGIDDO, AREAS H AND K

# Philipp W. Stockhammer

Seventy-eight Aegean-type¹ ceramic items were found in Areas H (22 sherds) and K (56 sherds). They comprise both sherds and restorable vessel (sherds that fit together were counted as a single item). All items were excavated between 2004 and 2014, and some have already been published (Martin 2013; Yasur-Landau 2013). In order to present a comprehensive corpus of all Aegean-type vessels from the recent excavations at Megiddo and create a basis for sufficient quantitative and qualitative analyses, I have re-evaluated all respective vessels irrespective of their former classification. The catalog at the end of the chapter contains the contextual information for each item, its classification based on Furumark Shapes (FS) and Furumark Motifs (FM) (Furumark 1941a, 1941b), the determination of the color of the clay and the decoration following the Munsell Soil Color Charts (Munsell 2000)² and its assumed date and place of production. The Aegean-type pottery from all previous excavations at Megiddo has already been evaluated and the results are either published (Stockhammer 2011; 2012: 93–97) or are in the process of being published (Stockhammer forthcoming).

In the following, I present a quantitative and contextual evaluation of the Aegean-type material. All items were included in the quantitative analysis with the realization that most single sherds had probably been moved from their original place in antiquity, meaning that their findspot might not correctly inform us about their provenience or original context of use. For the purpose of analysis, I have separated the material by area and stratum in order to better understand chronological as well as spatial differences at Megiddo.

In a second step, I concentrated only on those items where the state of preservation strongly argues for a primary context of discovery. Only a small number of vessels from Area K was sufficiently well preserved to answer this criterion.

### **AREA H (LEVELS H-14, H-13)**

Less than a third of the Aegean-type items (n=22) were found during excavations in Area H, Levels H-14 and H-13. No item is present with more than two fitting sherds, which prevents further contextual analyses for this area.

With regard to the shapes, it is interesting to note that the only kylix, one out of two kraters and two out of three cups presented in this study, were found in Area H despite the overall significantly lower number of items (Tables 21.1a). One shallow cup (12/H/75/PT9) was found in Level H-14, one krater (12/H/48/VS11, Fig. 19.116: 5) and another possible krater (12/H/67/PT2) in Level H-13 and fragments of another shallow cup (12/H/63/VS3), two kraters (12/H/63/PT3, 14/H/9/PT3) and a kylix (14/H/31) in

<sup>1</sup> In using the term "Aegean-type" instead of "Mycenaean," I am following French and Tomlinson (2004: 18 n. 1). "Aegean-type" comprises all vessels which were produced in an Aegean tradition of shaping and painting, irrespective of where the object was originally produced.

<sup>2</sup> Due to external circumstances, it was not possible to conduct color determination for all items.

the unstratified material.<sup>3</sup> The comparatively high proportion of open vessels within this small corpus is unusual (at least 38% of the stratified items and at least 18% of all vessels from Area H). It is also surprising that stirrup jars are largely underrepresented in Area H (i.e., only two out of 32 stirrup jars from the recent excavations, which are equivalent to 6% of the stirrup jar corpus). No stirrup jars were found in stratified Level H-14 or H-13 units. This goes hand in hand with the absence of deep bowls, as the two deep bowls presented in this study were both found in Area K.

All stratified sherds from Level H-14 can be dated to the LH IIIA2 and originated in pottery workshops of the Argolid (Tables 21.2a, 21.3a). The three stratified sherds from Level H-13 are dated to the LH IIIA2/B and are of Argolid and, in one case, either Argolid or Cypriot origin. From a chronological perspective, the corpus of stratified Aegean-type sherds from Levels H-14 and H-13 fits to the horizon "Tell Abu Hawam" (Stockhammer forthcoming), which is characterized by the large-scale import of highly standardized pottery from Argolid workshops (Fig. 21.1). An absolute date between 1380/60 and 1250/1230 BCE can be assumed from an Aegean-type pottery perspective.

The picture gets more complex by including the unstratified pottery. Two items are (probably) of Cypriot origin, one of them probably a Simple Style stirrup jar (12/H/45/PT6) of LH IIIB2/C date. Simple Style stirrup jars are one of the hallmarks of the horizon "Nami" which follows the horizon "Tell Abu Hawam" (Stockhammer forthcoming). Almost all of them were produced in Cyprus, as has been demonstrated by Neutron Activation Analysis in several studies (Mountjoy and Mommsen 2001; Mountjoy and Mommsen 2015: 471–474). It is interesting to note that all possibly later sherds were found in unstratified contexts. If they were originally associated with Level H-13, a later end of this phase within the 13th century BCE would be plausible and even the early 12th century BCE could not be excluded on the basis of the Aegean-type pottery (Fig. 21.1).

## AREA K (LEVELS K-10, K-9, K-8, K-7)

# QUANTITATIVE ANALYSIS

The corpus of Aegean-type pottery from Area K is significantly larger than that of Area H. Forty-seven out of 56 items can be attributed to one of the K strata—i.e., K-9: seven items, K-8: 35 items, K-7: five items. Five vessels—four Simple Style stirrup jars from Locus 10/K/2 and a fifth stirrup jar from Locus 06/K/91, all assigned to Level K-8—were recovered in a large number of sherds, suggesting that they were found in a primary context.

With regard to the shapes, the corpus is clearly dominated by stirrup jars, as 30 of the 56 vessels can clearly be attributed to this shape and it is probable that further sherds could also derive from this shape (e.g., the non-distinctive sherds from closed vessels) (Tables 21.1a, 21.1b). Seventeen stirrup jars could more closely be identified as Simple Style stirrup jars. Although small in number, all deep bowls are restricted to Area K. Nevertheless, only 9% of the vessels could be attributed to open shapes. All these results stand in clear contrast to the spectrum of Aegean-type vessels from Area H and cannot be explained by the overall larger number of sherds, but require an additional explanation.

While stirrup jars have been found in Levels K-9, K-8 and K-7, Simple Style stirrup jars appeared suddenly in Level K-8 and immediately became by far the most common Aegean-type shape. Thirteen of the 18 stirrup jars from Level K-8 can clearly be attributed to the Simple Style and the percentage of this vessel-type makes up 37% of all vessels in Level K-8. The absolute number of stirrup jars sharply decreases in Level K-7, but this might also be due to the significantly smaller corpus of Aegean-type

<sup>3</sup> We must be careful not to immediately associate the kylix with drinking practices. There is clear evidence that these vessels were rather used for incense burning in the southern Levant (Stockhammer 2012; forthcoming).

	Myc. Greece	Cyprus	Levant	Horizon of Inter- action	Меє	giddo	
1430-1380/60	LH III A1		LB I	Cretan Horizon	Stratum IX	K10	H15
1380/60-1320/10	LH III A2	LC IIB	LB IIA	Horizon	Otract	140	
1320/10-1250	LH III B1			Tell Abu Hawam	Stratum VIII	K9	H14
1250-1230	LH III B2 Early	LC IIC	LB IIB				
1230-1200	LH III B2 Late			Horizon Tel	Stratum	K8	H13
1200-1180	LH III C Early 1			Nami	VIIB	K7	
1180-1150	LH III C Early 2						
1150-1130	LH III C Middle 1	LC IIIA	LB IIC/ Iron IA	Phoeni-	Stratum VIIA	K6	
1130-1100	LH III C Middle 2			Horizon	Stratum	K5	
1100-1050	LH III C Late	LC IIIB	Iron IB		VIIB		

Fig. 21.1: Comparative Chronology for the Eastern Mediterranean (cf. Stockhammer forthcoming).

pottery (n=5) from this stratum. However, 40% of all vessels from Level K-7 can still be identified as Simple Style stirrup jars, even if the small corpus urges caution.

The origin of the Aegean-type vessels from Area K shifts significantly over time (Table 21.2b). Whereas all items from Level K-9 were produced in Argolid workshops, the percentage of pottery with this origin drops to 43% in Level K-8 and retains a similar frequency of 40% in Level K-7. In contrast, the percentage of vessels with a Cypriot origin continuously rises from zero in Level K-9, to 43% in Level K-8 and to 60% in Level K-7. In spite of the small number of items especially from Level K-7, this development over time appears to be meaningful. Moreover, it can be assumed that all Simple Style stirrup jars from Area K are of Cypriot origin (for the origin of the Simple Style vessels, cf. Mountjoy and Mommsen 2001; 2015: 471–474). Three of them were recently analyzed applying Neutron Activation Analysis and were attributed to the CypJ chemical profile which indicates the use of clays from sources near Kition or Hala Sultan Tekke in Cyprus (Mountjoy and Mommsen 2015: 425; 446, Fig. 13: S3–S5. S7).

A similar shift can be seen in the relative-chronological date of the items with regard to their stratigraphic position (Table 21.3b). Almost two thirds of the items from Level K-9 date to the LH IIIA2, but vessels with a LH IIIB date first appear in this stratum as well. Level K-8 is then dominated by vessels of the LH IIIB and the LH IIIB2/C date which form 66% of all the Aegean-type material in this stratum. Only 9% can still be attributed to the LH IIIA2, and it seems probable that these vessels were relocated from older contexts. Four of five *in situ* vessels of Aegean type from Level K-8 also date to the LH III B2/C. This development continues into Level K-7, when 80% of all vessels are of LH IIIB and LH IIIB2/C date with a clear dominance of vessels of the LH IIIB2/C.

TABLE 21.1a: AEGEAN-TYPE POTTERY FROM MEGIDDO, AREAS H AND K: ANALYSIS OF SHAPES

Shape	Total of Vessels, Areas H and K	Area H	% of All Vessels of This Shape, Area H	Area K	% of All Vessels of This Shape, Area K
Open or closed vessel	3	1	33%	2	66%
Large closed vessel or krater	4	3	75%	1	25%
Large closed vessel	2	2	100%	0	0%
Small closed vessel	5	5	100%	0	0%
Closed vessel	10	2	20%	8	80%
Stirrup jar	14	1	7%	13	93%
Stirrup jar Simple Style	18	1	6%	17	94%
Stirrup jar or amphora	2	0	0%	2	100%
Jar, piriform	4	1	25%	3	75%
Amphora or alabastron, straight-sided	2	0	0%	2	100%
Alabastron, straight-sided	2	2	100%	0	0%
Flask, vertical	2	0	0%	2	100%
Flask, horizontal	1	0	0%	1	100%
Open vessel	1	0	0%	1	100%
Kylix	1	1	100%	0	0%
Cup	3	2	67%	1	33%
Krater	2	1	50%	1	50%
Deep bowl	2	0	0%	2	100%
Total	78	22		56	

Even if later activity caused the relocation of part of the sherd material from stratified contexts in Area K, and although the absolute number of items differs significantly from stratum to stratum, this evidence fits perfectly to the sequence of distinguishable horizons of interaction with Aegean-type pottery in the southern Levant (Stockhammer forthcoming). Following my previous research, Level K-9 should be roughly equal with the late 14th and first half of the 13th century BCE and mostly coexistent with the horizon "Tell Abu Hawam" (Fig. 21.1). Levels K-8 and K-7 should be dated to the period between 1250/30 and 1180/50 BCE and are most representative for the horizon "Nami."

## CONTEXTUAL ANALYSIS

As already mentioned, only five vessels from Area K are preserved in larger pieces which leads us to assume a primary context of deposition. The first stirrup jar was found in 2006 in Locus 06/K/91 together with a considerable amount of other complete vessels (Martin 2013: 431, Fig. 10.20: 4). When the baulk adjacent to Locus 06/K/91 was removed in 2010 (i.e., Locus 10/K/2), the four additional stirrup jars were found (Figs. 19.103: 8–11). Other complete vessels retrieved from Locus 10/K/2 include a White-Shaved juglet, Canaanite commercial jars, a decorated storage jar, a spouted krater, a jug and several lamps (Figs. 19.102–19.104). The two loci belong to one and the same context, to be affiliated with Level K-8 (see Chapter 2.1); the excavators interpreted it as lowered (storage?) space within the confines of the Level K-8 courtyard house. Such a significant concentration of small-sized stirrup jars is unique. It appears that their use should be connected with nearby Installation 10/K/124. This installation was erected in Level K-9 but was arguably still in use in Level K-8 (see Chapter 2.1). Notably, its fill produced the handle of another Simple Style stirrup jar (Locus 10/K/10/PT5). This installation was interpreted as an olive oil press, and thus indicates crafting activities conducted in this part of the courtyard house in Area K. The stirrup

Table 21.1b: Aegean-Type Pottery from Megiddo, Area K: Analysis of Shapes, per Stratum (Including Only Stratified Items)

	Level K-9	Level K-8	Level K-7
Open or closed vessel		2 (6%)	
Large closed vessel or krater	1 (14%)		
Large closed vessel			
Small closed vessel			
Closed vessel		8 (23%)	
Stirrup jar	2 (29%)	6 (17%)	1 (20%)
Stirrup jar Simple Style		13 (37%)	2 (40%)
Stirrup jar or amphora		1 (3%)	1 (20%)
Jar, piriform	1 (14%)	1 (3%)	
Amphora or alabastron, straight-sided	1 (14%)	1 (3%)	
Alabastron, straight-sided			
Flask, vertical		2 (6%)	
Flask, horizontal			1 (20%)
Open vessel		1 (3%)	
Kylix			
Cup	1 (14%)		
Krater			
Deep bowl	1 (14%)		
Total	7 (100%)	35 (100%)	5 (100%)

Table 21.2a: Aegean-Type Pottery from Megiddo, Areas H and K: Analysis of Origins

	Argolid*	Cyprus*	Argolid or Cyprus	Crete or Cyprus	Cyprus or Local	Unclear	Total
No. of vessels	46	24	3	1	3	1	78
Overall %	59%	31%	4%	1%	4%	1%	100%
Area H	18	2	1	1	0	0	22
% Area H	39%	8%	33%	100%	0%	0%	28%
Area K	28	22	2	0	3	1	56
% Area K	61%	92%	67%	0%	100%	100%	72%

<sup>\*</sup> Includes items that probably come from this region.

Table 21.2b: Aegean-Type Pottery from Megiddo, Area K: Analysis of Origins, per Stratum (Including Only Stratified Items)

Level	Argolid*	Cyprus*	Argolid or Cyprus	Crete or Cyprus	Cyprus or Local	Unclear	Total
K-9	7 (100%)						7 (100%)
K-8	15 (43%)	15 (43%)	1 (3%)		3 (9%)	1 (3%)	35 (100%)
K-7	2 (40%)	3 (60%)					5 (100%)

<sup>\*</sup> Includes items that probably come from this region.

TABLE 21.3a: AEGEAN-TYPE POTTERY FROM MEGIDDO, AREAS H AND K: ANALYSIS OF DATE

	LH IIIA2	LH IIIA2/B	LH IIIB	LH IIIB2/C	LH IIIA-C	Total
No. of vessels	17	23	8	26	4	78
Overall %	22%	30%	10%	33%	5%	100%
Area H	6	14	0	1	1	22
% Area H	35%	61%	0%	4%	25%	28%
Area K	11	9	8	25	3	56
% Area K	65%	39%	100%	96%	75%	72%

TABLE 21.3B: AEGEAN-TYPE POTTERY FROM MEGIDDO, AREA K: ANALYSIS OF DATE, PER STRATUM (INCLUDING ONLY STRATIFIED ITEMS)

Level	LH IIIA2	LH IIIA2/B	LH IIIB	LH IIIB2/C	LH IIIA-C	Total
K-9	4 (57%)	1 (14%)	2 (29%)			7 (100%)
K-8	3 (8.5%)	7 (20%)	6 (17%)	17 (48.5%)	2 (6%)	35 (100%)
K-7	1 (20%)		1 (20%)	3 (60%)		5 (100%)

jar handle in its fill points to a use at least during part of Level K-8. This olive oil press, as well as the accumulation of small stirrup jars, point to the production of olive oil which was most likely mixed with some type of fragrance before being packed in the stirrup jars, which were the usual containers of perfumed oils. It has already been suggested that stirrup jars of Mainland Greek origin had a branding function for their content (Rutter 1992: 64; Stockhammer forthcoming). There is no doubt that practices of branding played an important role in the Late Bronze Age Eastern Mediterranean (Wengrow 2008; cf. also Bevan and Wengrow 2010). Wengrow argues that branding becomes most important when consumers question the purity of imported goods. Branding, thus, goes hand in hand with the standardization of containers and their contents and communicates a stable quality and integrity of the products to the consumer, even if the product was transported over long distances (Wengrow 2008: 11-12). It is interesting to note that the evidence from Area K dates to the time when Argolid imports suddenly and sharply decreased. These decades after 1250/1230 BCE marked the beginning of Cypriot stirrup jar production and import to the Levant, which filled the gap created by the Argolid. If my interpretation of the context in Area K is correct, local craftsmen also saw this emerging gap and started producing oil for embalming practices, but filled the product into foreign containers with clear branding functions—possibly to feign a foreign origin of the content in order to sell the product for higher prices. Therefore, the Argolid and Cypriot stirrup jars would have been reused as containers for (perfume) oil, and refilled and sold at a time when the import of these oils could no longer satisfy the demand of the local market.

### **SUMMARY**

The inventories of Aegean-type pottery from Areas H and K both show a consistent development over time, which allows us to draw interesting insights. First, we have to be aware of the fact that only the evaluation of the complete corpus of pottery—even small single sherds—allows us to draw these conclusions. This should be taken into consideration when deciding if the whole corpus or only single and better-preserved vessels should be selected for publication. From the point of view of the Aegean-type pottery, Levels H-14 and K-9 should be contemporaneous for at least some time (Fig. 21.1). The Aegean-type pottery of Levels H-13 and K-8 also seems comparable, as both strata witnessed the appearance of

the Simple Style stirrup jars of (probably) Cypriot origin.<sup>4</sup> The first appearance of this ware at Megiddo seems to be in the slightly earlier Stratum VIII of the UoC excavations (Stockhammer 2011: 216 BES#31). The heydays of Simple Style stirrup jars—i.e., Levels K-8 and K-7 in Area K as well as Stratum VII of the UoC (Stockhammer 2011: 217 BES#43, 48, 50, 51)—seem to be missing in Area H, although the small number of Aegean-type vessels from Levels H-13 and K-7 always has to be taken into consideration.

The contextual study of the accumulation of stirrup jars in Area K in Loci 06/K/91 and 10/K/2 should be associated with the neighboring olive press and indicate the production of (perfumed) olive oil in late 13th century BCE Megiddo. In order to sell their oil at a better price and/or to meet the expectations of the local consumers, the respective craftspersons collected empty Argolid and Cypriot stirrup jars of small size and refilled them with their own product—oils from Megiddo became "quality products from afar" for the local market.

<sup>4</sup> This is assuming that the unstratified item 12/H/45/PT6 in fact belongs to the time of Level H-13.

CATALOG OF AEGEAN-TYPE ITEMS FROM MEGIDDO, AREAS H AND K (BY AREA AND STRATUM)

Locus	Basket	Vessel No.	Basket Vessel Level and No. Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration Color Clay Color Decor	Color Clay	Color Decoration	Date	Origin	Illustration
12/H/75	PT1		H-14 A?	Small piriform jar FS 45	1	Wall		Scales FM 70:1	10YR 7/4	7.5YR 3/3-black	LH IIIA2	Argolid	
12/H/75	PT1		H-14 A?	Large closed vessel	1	Wall		Flower FM 18C	10YR 7/4	5YR 5/8-black	LH IIIA2	Argolid	
12/H/75	PT9		H-14 A?	Probably shallow cup FS 220	1	Wall		Unclear complex	7.5YR 6/4	2.5YR 4/8	LH IIIA2	Argolid	
12/H/48	PT1	VS11	Н-13 F	Krater	1	Wall		Unclear pictorial: Rude Style?	2.5Y 7/3	5YR 4/6-black	LH IIIA2/B	Argolid or Cyprus	Fig. 19.116: 5
12/H/49	PT2		H-13 F?	Small closed vessel	-	Wall		Unclear complex	10YR 7/4	5YR 4/6-black	LH IIIA2/B	Argolid	
12/H/67	PT2		H-13 A	Krater or large closed vessel	1	Wall		Linear	10YR 7/4	2.5YR 4/8	LH IIIA2/B	Argolid	
12/H/28	PT11		Unstratified	Alabastron, probably straight- sided FS 94	_	Base		Linear	7.5YR 7/4	5YR 4/6	LH IIIA2/B	Argolid	
12/H/40a	PT4		Unstratified	Small closed vessel, probably stirrup jar, globular	_	Wall		Linear	10YR 7/4	7.5 YR 5/6-black	LH IIIA2/B	Argolid	
12/H/41	PT8		Unstratified	Small closed vessel, stirrup jar or piriform jar		Wall		Linear	2.5Y 7/4	5YR 4/6-black	LH IIIA2/B	Argolid	
12/H/45	PT6		Unstratified	Stirrup jar, probably Simple Style	1	Wall, part of spout and false neck		Linear	7.5YR 7/4	2.5YR 4/8	LH IIIB2/C	Probably Cyprus	

Locus	Basket	Vessel No.	Level and Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration	Color Clay Color Decor	Color Decoration	Date	Origin	Illustration
12/H/60	PT2		Unstratified	Alabastron, probably straight- sided FS 94		Base		Linear	10YR 7/4	5YR 5/8-black	LH IIIA2/B	Argolid	
12/H/63	PT2	VS3	Unstratified	Probably shallow cup FS 220	1	Rim	Rim DM ca. 12 cm	U pattern FM 45:1	10YR 7/4	2.5YR 4/8-black	LH IIIA2	Argolid	
12/H/63	PT3		Unstratified	Krater or large closed vessel	-	Wall		Unclear pictorial (octopus, chariot?); white dotes and rosette FM27:20	10YR 7/4	2.5YR 4/8- 3/4	LH IIIA2	Argolid	
12/H/63	PT3		Unstratified	Large closed vessel	1	Wall		Linear	10YR 7/4	5YR 5/6-black	LH IIIA-C	Cyprus or Crete	
12/H/66a	PT1		Unstratified	Small closed vessel	-	Wall		Linear	7.5YR 7/4	2.5YR 5-4/8	LH IIIA2/B	Probably Argolid	
14/H/24	PT1		Unstratified	Small closed vessel	-	Wall		Linear	10YR 7/4	10YR 5/6-black	LH IIIA2/B	Argolid	
14/H/27	PT2	VS11	Unstratified	Stirrup jar, biconical	2	Wall, spout	Max. DM ca. 12.5 cm	Linear	7.5YR 7/4	2.5YR 5-4/8	LH IIIA2	Argolid	
14/H/27	PT2		Unstratified	Closed vessel	-	Wall		Linear	2.5Y 7/4	7.5 YR 3/1-black	LH IIIA2/B	Argolid	
14/H/27	PT6		Unstratified	Closed vessel, medium	7	Wall		Linear	10YR 7/4	2.5YR 4/8-black	LH IIIA2/B	Argolid	
14/H/31			Unstratified	Probably kylix	1	Wall		Linear	10YR 7/4	7.5YR 3/3-black	LH IIIA2/B	Argolid	
14/H/9	PT3		Unstratified	Krater or large closed vessel		Wall		Pictorial (probably bird), below 2x linear	5YR 6/6- 10YR 8/3	2.5YR 5-4/8	LH IIIA2/B	probably Cyprus	

<i>Locus</i>	Basket	Vessel No.	Basket Vessel Level and No. Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration	Color Clay Color Decor	Color Decoration	Date	Origin	Illustration
14/H/72	PT4		Unstratified	Open or closed vessel	-	Base	Base DM 4.2 cm	Linear	10YR 7/4	2.5YR 4/8-black	LH IIIA2/B	Argolid	
08/K/114 PT9	PT9		K-9 F?	Conical- piriform jar or straight- sided alabastron		Wall		Net FM 57:2	10YR 7/4	10YR 4/4-black	LH IIIA2	Argolid	
08/K/32	PT5		K-9 A	Ring-based krater FS 281 or large closed vessel	1	Base	Base DM Linear 11 cm	Linear	10YR 7/4	2.5YR 3/6-black	LH IIIB	Probably Argolid	
08/K/50	PT3		K-9 A	Stirrup jar	-	False spout		Linear	2.5Y 7/4	black	LH IIIA2/B	Argolid	
08/K/57	PT1	VS1	K-9 F?	Piriform jar FS 45	-	Wall		Multiple stem FM 19:14 and chevron FM 58:15	2.5Y 7/4	7.5YR 5/6-black	LH IIIA2	Argolid	Fig. 19.99: 12
69/X/80	PT2		K-9 A	Shallow cup FS 220	1	Wall		Spiral, probably stemmed FM 49	7.5YR 7/4	2.5YR 4/8	LH IIIA2	Argolid	
08/K/75	PT6	VS8	K-9 F?	Stirrup jar, probably conical- piriform or squat; FS 166 or 178		Wall, handle attachment		Flower FM 18C	10YR 7/4	7.5YR 5/8-black	LH IIIA2	Argolid	Fig. 19.93: 1
10/K/29	PT12	VS8	K-9 F	Deep bowl FS 284	-	Base	Base DM Linear 5.4 cm	Linear	10YR 7/4	2.5YR 4/8-black	LH IIIB	Probably Argolid	Fig. 19.95: 8
04/K/81	PT2		K-8? F?	Closed vessel	-	Wall		Linear			LH IIIA2/B	Argolid	

Locus	Basket	Vessel No.	Basket Vessel Level and No. Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration	Decoration Color Clay Color Decor	Color Decoration	Date	Origin	Illustration
04/K/81	PT4		K-8? F?	Stirrup jar, globular; Simple Style; FS 171 or 173	9	Wall, handle		Linear	7.5YR 7/4	10R 4/6	LH IIIB2/C	Cyprus	
04/K/81	PT5		K-8? F?	Closed vessel	1	Wall		Linear			LH IIIA2/B	probably Argolid	
04/K/81	PT14		K-8? F?	Closed vessel	1	Wall		Linear			LH IIIA2/B	Argolid	
04/K/81			K-8? F?	Stirrup jar, globular; Simple Style; FS 171 or 173	-	Spout		Unclear			LH IIIB2/C	Cyprus	
04/K/81			K-8? F?	Stirrup jar, probably conical FS 182		Wall		Linear			LH IIIB	Argolid	
04/K/81			K-8? F?	Closed vessel	1	Wall		Unclear complex			LH IIIB2/C	Cyprus or local	
04/K/81			K-8? F?	Stirrup jar, globular; Simple Style; FS 171 or 173	-	Wall		Linear			LH IIIB2/C	Cyprus	
04/K/81			K-8? F?	Probably stirrup jar, globular; Simple Style; FS 171 or 173	1	Wall		Linear			LH IIIB2/C	probably Cyprus	
06/K/12			K-8 F	Vertical flask FS 189	7	Wall, handle		Concentric circles			LH IIIB2/C	Cyprus	

Locus	Basket	Vessel No.	Basket Vessel Level and No. Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration	Decoration Color Clay Color Decor	Color Decoration	Date	Origin	Illustration
06/K/27	PT1		K-8? F?	Open vessel	1	Wall		Linear	7.5YR 7/4	2.5YR 4/8	LH IIIB2/C	Cyprus or local	
04/K/99	PT9		K-8 F	Closed	1	Wall		Linear			LH IIIA-C	probably Cyprus or local	
06/K/25	PT2		K-8 F	Closed	1	Wall		Linear			probably LH IIIA2	Argolid	
06/K/4	PT5		K-8 F	Closed vessel	1	Wall		Linear			LH IIIA2/B	Argolid	
06/K/43	PT4		K-8 F	Piriform jar or stirrup jar	8	Wall		Linear			LH IIIB	Argolid	
06/K/43	PT4		K-8 F	Stirrup jar	-	Wall		Groups of thin wavy lines FM 53:35			LH IIIB	Argolid	
06/K/43			K-8 F	Stirrup jar	1	Wall		Flower FM 18C			LH IIIB	Argolid	
06/K/43			K-8 F	Closed vessel	1	Wall		Linear			LH IIIA-C	unclear	
06/K/57	PT4		К-8 F	Stirrup jar, globular; FS 171 or 173	-	Wall		Linear	10YR 7/4	7.5 YR 5/6-black	LH IIIA2/B	Argolid	Yasur- Landau 2013: 460; Fig. 11.4: 1
06/K/57	PT6		K-8 F	Open or closed vessel	-	Wall		Linear			LH IIIA2/B	Argolid	
06/K/57	PT1		К-8 F	Stirrup jar	-	Wall		Groups of thin wavy lines FM 53:35			LH IIIB	Argolid	

Locus	Basket		Vessel Level and No. Locus Grading	Form	No. of Sherds	Preservation Rim or Max. or Base Diamete (DM)	Rim or Decoration Max. or Base Diameter (DM)	m Color Clay Color Decor	Color Decoration	Date	Origin	Illustration
06/K/87	PT2		K-8 F	Stirrup jar, globular; Simple Style; FS 171 or 173	-	Wall	Linear			LH IIIB2/C	Cyprus (CypJ)	Yasur- Landau 2013: 460; Fig. 11.4: 2; Mountjoy and Mommsen 2015: Fig. 13: S4
06/K/87	PT4	VS2	K-8 F	Probably piriform jar; probably Levanto- Helladic FS 36	2	Wall	Four wavy lines FM 53	53 7.5YR 7/4	2.5YR 5/8- 10R 3/6	LH IIIB2/C	Cyprus	Yasur- Landau 2013: 461; Fig. 11.5: 1; Mountjoy and Mommsen 2015: Fig. 13: S7
06/K/91	PT2	VS3	K-8 F	Stirrup jar, globular FS 173	28	Ca. 90% complete	Chevron FM 58:17	10YR 7/4	2.5YR 4/8- 3/4	LH IIIB	Argolid or Cyprus	Yasur- Landau 2013: 460; Fig. 11.4: 3
06/K/96	PT2		K-8 F	Stirrup jar, globular; Simple Style; FS 171 or 173	4	Wall, spout	Linear	7.5YR 7/4	2.5YR 4/8- 3/4	LH IIIB2/C	Cyprus	
06/K/97	PT1		K-8 F	Stirrup jar, globular; Simple Style; FS 171 or 173		Wall	Linear	10YR 7/4	5YR 5/8-black	LH IIIB2/C	Cyprus	
08/K/129 PT4	PT4		K-8 F	Open or closed vessel	1	Wall	Foliate band FM 64:20	2.5Y 7/3	10YR 5/6-black	LH IIIA2	Argolid	

Illustration				Fig. 19.103: 8	Fig. 19.103:	Fig. 19.103: 9		Fig. 19.103:
Origin	Cyprus	Argolid	Cyprus	Cyprus	Cyprus	Cyprus	Argolid	Cyprus
Date	LH IIIB2/C	LH IIIA2	LH IIIB2/C	LH IIIB2/C	LH IIIB2/C	LH IIIB2/C	LH IIIA2/B	LH IIIB2/C
Color Decoration	2.5YR 5-4/8		22.5YR 4/8-black	10R 4/8	10R 4/8	2.5YR 5-4/8	10YR 4/4-black	2.5YR 5-4/8
Color Clay	7.5YR 7/4		7.5YR 7/4	7.5YR 7/4	7.5YR 7/4	10YR 7/4	10YR 7/4	7.5YR 7/4
Decoration	Linear	Concentric circles	Linear	Linear	Linear	Linear	Linear	Linear
Rim or Max. or Base Diameter (DM)				Base DM 3.7 cm	Base DM 4 cm	Base DM 4 cm		Base DM 3.4 cm
Preservation	Base	Wall	handle	Complete	Lower part of the vessel	Almost complete	Wall	Almost
No. of Sherds	-			ν.	-	19		>50
Form	Stirrup jar, globular; Simple Style; FS 171 or 173	Vertical flask FS 189	Stirrup jar, globular; Simple Style; FS 171 or 173	Conical- piriform jar or straight- sided alabastron	Stirrup jar, globular; Simple Style; FS 171 or 173			
Vessel Level and No. Locus Grading	K-8 F	K-8 F	K-8 F?	K-8 F	K-8 F	K-8 F	K-8 F	K-8 F
Vessel No.		VS4		VS5	VS6	VS7		VS12
Basket			PT5	PT10	PT10	PT10	PT11	PT15
Locus	08/K/133	08/K/85	10/K/10	10/K/2	10/K/2	10/K/2	10/K/2	10/K/2

n Illustration	Is Yasur- Landau 2013: 460- 461; Fig. 11.4.4; Mountjoy and Mommsen 2015: Fig. 13: S5	81	S1	p.	pi.	bly Yasur- is Landau 2013: 461; Fig. 11.5: 2	
Origin	Cyprus (CypJ)	Cyprus	Cyprus	Argolid	Argolid	Probably Cyprus	Cyprus
Date	LH IIIB2/C	LH IIIB2/C	LH IIIB2/C	LH IIIB	LH IIIA2	LH IIIB2/C	LH IIIB2/C
Color Decoration	5/8-black			7.5 YR 5/6-black	10YR 5/6- 3/2		
Decoration Color Clay Color Decor	10YR 7/4			10YR 7/4	2.5Y 7/3		
Decoration	Linear	Linear	Linear	Linear	Concentric circles	Unclear	Pictorial: bull? deer?
Rim or Max. or Base Diameter (DM)						Rim DM ca. 12.5 cm	
Preservation	Wall	Wall	Spout	Wall	Wall	Rim	Wall
No. of Sherds	_			-		-	—
Form	Stirrup jar, globular; probably Simple Style; FS 171 or 173	Stirrup jar, globular; Simple Style; FS 171 or 173	Stirrup jar, globular; Simple Style; FS 171 or 173	Conical- piriform jar or stirrup jar	Horizontal flask FS 189	Deep bowl FS 284	Krater
Basket Vessel Level and No. Locus Grading	K-7 F	K-7 F	K-7 F	K-7 A	K-7 A	Unstratified	Unstratified Krater
Vessel No.	VS4					VS1	VS2
Basket	PT12	PT1	PT3?	PT1	PT2	PT1	PT5
Locus	04/K/82b PT12	06/K/93	06/K/93	08/K/22	08/K/23	04/K/120 PT1	04/K/120 PT5

Baske	t Vessel No.	Basket Vessel Leveland No. Locus Grading	Form	No. of Sherds	Preservation	Rim or Max. or Base Diameter (DM)	Decoration Color Clay Color Decor	Color Clay	Color Decoration	Date	Origin	Illustration
PT6		Unstratified	Stirrup jar, globular FS 171	_	Wall, handle attachment	Max. DM ca. 11 cm	Flower FM 18C	10YR 7/4	7.5YR 4/6-black	LH IIIA2	Argolid	
06/K/22a PT2		Unstratified	Stirrup jar		Wall		Flower FM 18C	10YR 7/4	7.5 YR 5/8-black	LH IIIA2	Argolid	
08/K/114 PT6		Unstratified	Stirrup jar, globular; Simple Style; FS 171 or 173		Wall		Linear	7.5YR 7/4	2.5YR 5-4/8	LH IIIB2/C	Cyprus	
PT34		Unstratified	Stirrup jar, probably globular		Base	Base DM ca. 5 cm	Linear	10YR 7/4	2.5YR 4/8	LH IIIA2/B	Probably Argolid	
PT46		Unstratified	Stirrup jar	-	Spout		Linear	7.5YR 6/4	2.5YR 4/8-black	LH IIIA-C	Argolid or Cyprus	
PT4		Unstratified	Stirrup jar, globular; Simple Style; FS 171 or 173		Wall		Linear	7.5YR 7/4	2.5YR 5-4/8	LH IIIB2/C	Cyprus	
10/K/81 PT5		Unstratified	Small piriform jar FS 45	-	Wall		Net FM 57:2	10YR 7/4	5YR 6/8-black	LH IIIA2	Argolid	

### **ACKNOWLEDGMENTS**

I would like to express my deep gratitude to Israel Finkelstein for offering me the possibility to study and publish the Aegean-type pottery from his recent excavations. Moreover, I would like to thank Mario A.S. Martin for his support in all stages of my study. All my contextual analyses are based on his data. My respective research is part of my ERC Starting Grant project "FoodTransforms: Transformations of Food in the Eastern Mediterranean Late Bronze Age" (ERC-2015-StG 678901-FoodTransforms) funded by the European Research Council.

#### REFERENCES

Bevan, A. and Wengrow, D. 2010. Cultures of Commodity Branding. Walnut Creek.

French, E.B. and Tomlinson, J.E. 2004. Investigating the Provenance of Some Aegean-type Potsherds Found in the Near East: Results from Neutron Activation Analysis. In: Balensi, J., Monchambert, J.-Y. and Müller-Celka, S., eds. *La céramique mycénienne de l'Égée au Levant. Hommage à Vronwy Hankey* (Travaux de la Maison de l'Orient et de la Méditerranée 41). Lyon: 18–25.

Furumark, A. 1941a. The Mycenaean Pottery: Analysis and Classification. Stockholm.

Furumark, A. 1941b. The Chronology of Mycenaean Pottery. Stockholm.

Martin, M.A.S. 2013. The Late Bronze IIB Pottery from Levels K-8 and K-7. In: Finkelstein, I., Ussishkin, D. and Cline, E.H., eds. *Megiddo V: The 2004–2008 Seasons* (Monograph Series of the Institute of Archaeology of Tel Aviv University 31). Tel Aviv: 343–457.

Mountjoy, P.A. and Mommsen, H. 2001. Mycenaean Pottery from Qantir-Piramesse, Egypt. *The Annual of the British School at Athens* 96: 123–155.

Mountjoy, P.A. and Mommsen, H. 2015. Neutron Activation Analysis of Aegean-Style IIIC Pottery from 11 Cypriot and Various Near Eastern Sites. *Egypt and the Levant* 25: 421–508.

Munsell, A.H. 2000. Munsell Soil Color Charts (2000 Revised Washable Edition). New York.

Rutter, J.B. 1992. Cultural Novelties in the Post-Palatial Aegean World: Indices of Vitality or Decline? In: Ward, W.A. and Joukowsky, M.S., eds. *The Crisis Years: The 12th Century B.C. from Beyond the Danube to the Tigris*. Dubuque: 61–78.

Stockhammer, P.W. 2011. An Aegean Glance at Megiddo. In: Gauss, W., Lindblom, M., Smith, R.A.K. and Wright, J.C., eds. *Our Cups Are Full: Pottery and Society in the Aegean Bronze Age (Papers Presented to Jeremy B. Rutter on the Occasion of his 65th Birthday)*. Oxford: 282–296.

Stockhammer, P.W. 2012. Entangled Pottery: Phenomena of Appropriation in the Late Bronze Age Eastern Mediterranean. In: Maran, J. and Stockhammer, P.W., eds. *Materiality and Social Practice: Transformative Capacities of Intercultural Encounters*. Oxford: 89–103.

Stockhammer, P.W. Forthcoming. *Materielle Verflechtungen—Zur lokalen Einbindung fremder Keramik in der ostmediterranen Spätbronzezeit* (Vorgeschichtliche Forschungen 26). Rahden.

Wengrow, D. 2008. Prehistories of Commodity Branding. Current Anthropology 49: 7-34.

Yasur-Landau, A. 2013. Cypriot, Mycenaean and Derivative Forms from Levels K-8 and K-7. In: Finkelstein, I., Ussishkin, D. and Cline, E.H., eds. *Megiddo V: The 2004–2008 Seasons* (Monograph Series of the Institute of Archaeology of Tel Aviv University 31). Tel Aviv: 458–474.