Alan Walmsley
Department of Semitic Studies
The University of Sydney
NSW 2006 Australia

Tradition, Innovation, and Imitation in the Material Culture of Islamic Jordan: The First Four Centuries

Introduction
Excavations at Pella of the Decapolis (Tabqaat Fahl) by the University of Sydney, Australia, from 1979 to 1990 have produced a comprehensive corpus of early Islamic ceramics and other classes of material culture (metalwork, glass, and worked bone for instance) from a stratigraphically controlled context. The recovery of copper, silver and gold coins of the period has permitted the construction of a historical framework for this material. The aim of this paper is to provide an up-to-date classification of early Islamic ceramic forms found at Tabqaat Fahl and to trace their developments from about AD 660 into the 10th century. Aspects of this work has already appeared in various journals and books, but no integrated study has yet been offered which focuses on the artistic and technological evolution of pottery in Jordan during the first four centuries of Islam. Particular attention will be paid to matters of continuity and change as a reflection (however imperfect) of modifications to the social and economic structure of Jordan in the early middle ages.

Archaeological Contexts
The source material for this paper mostly originates from two areas of the Pella excavations: Area IV on the central mound (Khirbat Fahl) and Area XXIX in Wadi al-Khandaq (Fig. 1). A brief discussion of the progress of work in these areas and the archaeological results will assist in placing this material in its stratigraphical and chronological context.

Area IV
The area excavations of Area IV were undertaken between 1979 and 1983, exposing around 1700 square metres of an extensive residential/commercial quarter in continuous use from the second quarter of the sixth century until the catastrophic earthquake of AD 747/8 (Fig. 2). At first the two-storied houses of stone blocks and clay bricks conformed to a grid pattern of gravelled streets, but in the later seventh century the configuration of the quarter underwent a major remodelling. The principal east–west street of Area IV was blocked off and the existing architecture converted into three sizeable houses, each facing outwards onto a large open courtyard. Ceramics from this rebuilding phase were associated with coins from the reign of the Byzantine Emperor Constans II (AD 641–68), which strongly indicates that the earthquake of 659/60 initiated this programme of re-construction. The final destruction of the Area IV residential quarter resulted from the very powerful 747/8 earthquake, which caused extensive damage at Pella/Fahl. The rich collection of artefacts from the sometimes two-metre thick destruction level is firmly coin-dated by Islamic issues as late as AH 126/AD 743-4.

1 The Joint Sydney-Nowosie Excavations at Pella proceed only through the active support and encouragement of the Department of Antiquities of Jordan. Renewed activity in the field during 1992 after the fall of the previous year is due to the positive assistance of Professor Safwan Tell, then Director-General of the Department. The Sydney seasons were sponsored by the Australian Research Council of the Department of Education, Employment and Training, Canberra; the Australian National Gallery, Canberra; The University of Sydney; and the University of Queensland, Brisbane. The very strong support of Australia’s former Ambassador to Jordan, H.E. Mr R. Bowker, is greatly appreciated.


4 I remain thankful for the tremendous backing of the Late Anthony McNicol in this endeavours.

1. Map of Tabaqat Faql. Area II-IV: Domestic Quarter; Area XXIX, Abbasid Centre.

Area XXIX
The partial exposure of two stone-built complexes in Wādi al-Khandaq, 300 m north of the central mound (FIGS. 1, 3), began with soundings in 1985 and continued with large-scale excavations in 1989 and 1990. A final season of excavations took place in October 1993, clarifying many issues, but the results of this work are too undigested to be included in this paper. Area XXIX is now (1994) being consolidated and preserved through a very generous grant from the Australian Department of Foreign Affairs and Trade, and the support of the Minister Mr G. Evans is most appreciated.
2. Plan of the Umayyad Domestic Quarter in Area IV. Solid lines: two-storeyed units; open lines: derelict buildings, although parts still in use.

of numerous stone-built rooms around an expansive central courtyard. The presence of two complexes of similar plan is difficult to explain, but they probably served a joint commercial/domestic function and met the economic and administrative needs of the later eighth–ninth century town.

3. General plan of the Courtyard Building and domestic units in Area XXIX.
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Occupational layers, including sealed pits and refuse deposits, have produced a representative corpus of later eighth to 10th century pottery, iron work, glass, and worked bone. Coins and changes to the pottery assemblage confirm a post-747 construction date for the complexes, and as this is a single-period site the ceramic horizons are uncontaminated with earlier or later material. Two major occupational phases can be distinguished: the initial settlement of the later eighth century, and the subsequent main period of use probably from the mid-ninth to sometime in the 10th century.

Pottery Wares: Types, Forms, and Changes

Analysis to date of the early Islamic pottery from Areas IV and XXIX has identified nineteen wares, not all current at the same period of time (FIG. 4). Stratigraphically the AD 659/60 earthquake destruction level provides a firm starting point for the corpus. Shortly after this date the range of wares and shapes undergoes the first noticeable change in the archaeological record: five wares fade from the corpus (FIG. 4, Wares 1–5) and three new ones appear (Wares 6–8). These changes, however, do not alter the regional character of the assemblage, with local wares continuing to dominate the ceramic inventory after the AD 659/60 earthquake. Imported pottery does not reappear until towards the end of the seventh century (Ware 6). FIG. 4 demonstrates the extent to which the local potting traditions, based on technologies developed in the preceding Roman and Byzantine periods, strongly persist into the ninth century. At this time new ceramic fashions emanating from outside Palestine/Jordan demanded the adoption of quite different potting techniques, including the manufacture of glazed wares.

Wares 1–5 of FIG. 4 have been published by P. Watson, and will not be repeated in detail here.

Ware 1
Description: Fine terracotta, the “Late Roman” wares of Hayes.
Forms: Plates.
Source: Cyprus, Asia Minor, North Africa.
Chronology: Rare after AD 660; may only be rubbish survival. No obvious ceramic replacement at Tabqaat Faḥl.

Ware 2
Description: “Jerash Bowls”; reddish-orange fabric with pictorial red and white painted decoration.
Forms: Plates.
Source: Jarash.
Chronology: A significant fall-off in decorative standards and production after the mid-seventh century.

Ware 3
Description: Solid, gritty fabric similar to Ware 14, but fired a lighter buff–brown hue.
Forms: Hand-made bowls and very large collared storage jars.
Source: Uncertain, but common around ‘Amman.
Chronology: Does not appear to extend beyond the end of the seventh century at Tabqaat Faḥl.

7 The absence of coins makes fixing a firm date for the end of the Area XXIX structures difficult, but ceramics from the 1993 season confirm a 10th-century presence.
8 Final analysis and research of the excavations in these areas in progress, and will probably require an elaboration of the summary of results to date given here.
Ware 4
Description: Soft, chaff-tempered course ware, fired light brown to red/reddish-brown.
Forms: Hand-made flat-based basins and plain-rimmed ring-based storage jars.
Source: Unknown.
Chronology: Uncommon after the mid-seventeenth century.

Ware 5
Description: Encompasses a number of different vessel types traded for their contents.
Form: Amphorae.
Source: Gaza, Antioch/Cyprus, Egypt.
Chronology: All these amphora types are missing from the archaeological record after AD 660.

Ware 6
Description: Gritty fabric with many white and mica inclusions. ‘Sandwich’ core with grey-brown centre and red-brown faces.
Form: Biansulate necked jars with fine ribbing on upper body and broad ribbing on lower body (FIG. 5: 1–2).
Source: Very possibly Gaza/Egypt delta region.
Chronology: Appears after c. AD 660, perhaps in place of the Gaza amphora form, but suddenly absent after about AD 750.

Ware 7
Description: Pale cream or greenish to light yellow-brown fabric, aerated, with fine white, orange and/or grey inclusions. Incised decoration if any. Related to Ware 18.
Forms: Medium-thin walled jars in large and medium sizes, jugs, and water flasks (FIG. 5: 3–6, 8). Larger vessels often display broad ribbing. Open, high-walled bowls with incised decoration (FIG. 5: 7). Jar stoppers.
Source: Some jars and flasks probably originate from Baysan. The local Tabqaqat Fa'il clays are capable of producing this ware, but no evidence of a pottery industry has been uncovered at Tabqaqat Fa'il.
Chronology: The large ribbed water jars first appear in post-660 deposits, and are joined by the smaller jars, flasks, and occasional incised bowls by the mid-eighteenth century. Jars of the next century have much taller necks and steep-sloping bodies (FIG. 5: 6), and flasks have a taller, finely ribbed, filler hole and thinner body (FIG. 5: 8).

Ware 8
Description: Light orange fabric, sometimes apparently white slipped, with small and sometimes medium white and grey inclusions. Bold reddish-brown painted decoration of loops, stars, wavy lines, ‘archae’ (arched) pattern (FIG. 6: 8), and crisscrossed lines.
Forms: Commonly smooth-bodied jars with ring bases, spouted jugs, bowls, and cups (FIG. 6).
Source: Unidentified, but possibly north Jordan region. Cups were made at Jarash.
Chronology: Jars in this ware appear occasionally around the turn of the eighth century, but are quite common in the 747/8 destruction level (FIG. 6: 2). They are joined by ‘palace ware’ bowls (FIG. 6: 9) and cups (FIG. 6: 3–4) later in the century, and continue strongly into the ninth century when decoration is restricted to loops, bisecting lines, and parallel wavy lines. The ninth century jars have steeply sloping shoulders and a bulbous lower body (FIG. 6: 5–6).

Ware 9
Description: Plain gritty ware fired an even ‘biscuit’ (light yellowish-brown) hue. Undecorated.
Form: Small one-handled juglet (FIG. 5: 9).
Source: Unknown, but Tabqaqat Fa'il clays from Wadi Jirim are compatible.
Chronology: Predominantly mid-eighth century.

Ware 10
Description: Fine table ware (“Fine Byzantine”), compact orange fabric with small white and grey inclusions; pared base and lower body, often with grooved spiral/circle on underside.
Form: Cups (FIG. 5: 10–11).
Source: Suggested from the Jerusalem region.
Chronology: Regularly appear in the archaeological record between AD 670–750, becoming more common in the ninth century deposits but without the ring base or incised wavy line.

Ware 11
Description: Fine ‘metallic-thin’ fabric, coloured patchy orange/brown/grey, slightly gritty with small to medium white and sandy inclusions. White painted decoration of banded wavy lines and strokes on rims and handles; occasional scalloped ridges on body. Handles, colour, and

12 Watson ‘Foreign and Regional Economic Links’ p. 243.
16 Edwards ‘Pottery Studies’ p. 293.
17 An exact parallel is known from Kurai on the eastern shore of Lake Tiberias; see Y. Tzefheris, ‘The Excavations of Kurai-Gergesa’, Arq 16 (1985), FIG. 8.4.
18 Cf. Watson ‘Foreign and Regional Economic Links’ Ware K p. 242.
decoration suggest these vessels imitate bronze originals, the white paint representing silver inlay work.

Forms: Small to medium-sized biansulate jars; spouted, one-handed jugs; cups (rare); small basins; and small lidded casserolés (FIG. 7: 1–7).

Source: Numerous kilns have been excavated at Jarash.¹⁹

Chronology: Appearing in the first half of the seventh century, this ware becomes extremely common at Tabqaqt Fahl by the middle of the eighth, and continues strongly until the start of the ninth century when it is quickly replaced by the jars and jugs in Ware 18. The small basins are only noted in deposits from the second half of the eighth century, and possibly began challenging the Ware 14 types.

Ware 11A

Description: Uncommon variant to Ware 11, but fabric dark grey with many small white inclusions; incised decoration.

Form: Cups.

Source: Probably Jarash

Chronology: A potter’s folly?

Ware 12

Description: Hard, thin, grey/brown surfaced fabric, with small to medium white, grey and/or brown inclusions. Freely applied white painted decoration in broad intersecting wavy lines and loops.

Form: Light-weight water collection jars. Water storage was probably the function of the more porous Ware 7 jars as surface evaporation would cool the contents.

Source: Unidentified; possibly Baysân.

Chronology: The plain, uncollared, rims and tall necks of the eighth century continue into the ninth, in which longer necks and a steeply sloping upper body are common (compare FIG. 7: 8 and FIG. 7: 9–10).

Ware 13

Description: Cooking pot fabric, gritty with copious white, transparent and grey inclusions.

Forms: Casserolés with loop-handled lids; necked cooking pots (FIG. 8: 1–4).

Source: Jarash.

Chronology: Neither form displays significant changes between AD 660–900.

Ware 13A

Description: Late variant identified by a redder fabric and a button-handled lid.

Forms: Casserolés (FIG. 8: 5, 6).

lower body is pared to leave a plain or ridged base. Applied, impressed, and incised decorative techniques are reasonably common in the manufacture of these vessels. Imitation of silver originals?

Forms: Jars and strainer jugs (Fig. 9: 3–5).

Source: The local production centre for these Samarran-style vessels is unknown. A workshop for moulded cream wares is known at ar-Ramla,\(^{20}\) but a closer source is more likely.

Chronology: Appears suddenly in the first half of the ninth century, quickly replacing the jars and jugs of Ware 11. The eighth-century dating of the Ramla assemblage, which also includes glazed and Kerbschnitt pottery (Ware 19 below), is clearly erroneous; the Tabaqat Fahl finds suggest an early Fatimid date for the Ramla material.

Ware 19

Description: Cut, incised and painted ware (‘chip-carved’ or Kerbschnitt), brown to orange fabric with many white, yellow, grey, red and black inclusions of various sizes; cut, incised and red and/or painted decoration in panels externally, red and white painted lines internally.

Form: Small basins, hand made with flat ledge handles, resembling the steatite bowls of the eighth century (Fig. 9: 6, 7).

Source: Unknown.

Chronology: Appears simultaneously with Ware 17 — the southern connection?

Comment

The ceramics from Islamic Fahl demonstrate a strong persistence of local artistic traditions in pottery making well into the first half of the ninth century AD — nearly two centuries after the Islamic Conquest of the region. The ubiquitous household Wares 10–14 spring from a long Roman/Byzantine tradition, but undergo gradual changes in ware, firing, shapes, and especially decoration during the later seventh and eighth centuries. Ware 11 particularly stands out, with a abundance of liberally applied white-painted strokes, loops, and parallel wavy lines characterising the eighth century. The simultaneous appearance of Ware 8, with an even more powerful decorative regime of red paint on a pale or white-slipped surface, marks the eighth century as an especially expressive period in the local ceramic technology of Jordan. The post-AD 660 demise of Wares 1 and 3–5, and the appearance of Wares 6–8, can be related to the changing social and economic horizons of Fahl. The strengthening of commercial ties with eastern centres at the expense of western contacts probably resulted from political changes at this time, notably the considerable importance of the Damascus–Makka Hajj route.\(^{21}\) Ware 2 (‘Jerash bowls’) goes against this trend, but matches the end of “Late Roman” wares throughout the East Mediterranean region.

With the onset of the ninth century, a critical break with the earlier potting technologies is represented by the quite abrupt end of Ware 11 in favour of the thin-walled, Samarra-style pale cream jars and strainer jugs of Ware 18. These quickly dominated the ceramic assemblage of ninth century Fahl. Further evidence for change in traditional fabrics is found in Ware 13, where the old dark brown Jarashi cooking vessels are replaced by button-lidded casseroles in a more reddish fabric (Ware 13A).\(^{22}\) This suggests a new source for cooking vessels at Fahl. By the middle of the ninth century other previously unrepresented wares make an appearance: the reasonably common Kerbschnitt bowls (Ware 19) and very limited quantities of three glazed wares following Iraqi or Egyptian styles (Wares 15–17). The adoption of these new “international” wares represents a major artistic and technological break with the past. It may also reflect a developing preference by the early ninth century communities in the north Jordan Valley for the dominant cultural traditions of the greater Islamic World.

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\(^{21}\) See Walmsley, ‘Social and Economic Regime’ and Watson ‘Foreign and Regional Economic Links’ for initial thoughts on this point.

\(^{22}\) The absence of cooking pots in this ware may be due to the limited sample recovered in Area XXIX.