Evidence of the existence of international trade is encountered in the Levant from the Early Bronze Age onwards in the form of imported objects uncovered on sites and by Levantine artefacts discovered throughout the Mediterranean. During the early part of the Middle Bronze Age textual references highlight the movement of raw materials including diverse types of metals, wood etc. and pottery and luxury items found at Sidon indicate sustained communication and interactions with Egypt, the Aegean world, Cyprus and Syria.

THE THIRD MILLENNIUM BC

At the end of the fourth and beginning of the third millennium BC, the inhabitants of Sidon left their original settlement at Dakerman and moved a kilometre further north to what became their permanent location. This site was much closer to the natural harbour (see Marriner & Morhange in this issue p. 144) which paved the way for the beginning of commercial activity through its port.

Egypt

Egypt’s connection to the Levant existed from as early as the fourth millennium BC thus the close connections between Egypt and the Levant are now a well-established fact. In the Early Bronze Age, imports from the Levant to Egypt are seen in burial gifts in graves found at Abydos and Saqqarah. Larger vessels of Levantine origin (probably from Sidon or Byblos), were brought to Egypt as containers for agricultural products (oil or wine) (see p. 10-11, fig. 8, 9 in this issue). A locally made juglet found at Sidon that probably held a small amount of oil or other liquid such as perfume dating from EB II was also found in Egypt. The synchronization of EB II with the First Dynasty of Egypt is based on this type of foreign pottery.

- The Aegean world

Seals and seal impressions were used in some distributional system of goods. The running or interlocked spiral motif which was found in stratum 4 (EB IIIB) at Sidon is similar to that found at Lerna in the Early Helladic period (2500-2400 BC). Similarities have been noted between Palestinian geometric seal impressions from Tel Dan and Hazor and those from Lerna.

- Syria

At the end of the third millennium BC much of the most popular vessels belong to a pottery repertoire common to both Sidon and Syria. The hole-mouth jars found at Sidon are close in style to those produced in the Tell Mardikh-Hama milieu. This suggests contacts between Syria and Sidon in terms of cultural diffusion (see p. 9, pl. 8-11, in this issue).

THE SECOND MILLENNIUM BC

The Middle Bronze Age IIA marked the beginning of a new urban society with the development of international trade and cultural exchange in some coastal cities of the Levant. This is shown by the stratified sequences of pottery and other objects found at Sidon in this period. Within this corpus, closed contexts such as tombs or offering deposits, provide us with complete shapes whereas sherds found on a settlement floor are an indication of domestic vessels. This variety in contexts highlights continuity as one of the most characteristic features of the settlement.

The nature of the settlement

At the end of the third and the beginning of the second millennium BC the area so far excavated at Sidon changed its function from a domestic settlement to become a burial site. A fine sand layer 90 cm to 1.40 m thick was brought to the site from the nearby sea shore and laid over the Early Bronze Age settlement (see p. 13 & 20 in this issue). From a total of 60 burials excavated so far, 26 were buried directly in the sand with no architectural features. No destruction or interruption has been recorded so far and the continuous sequence of occupation between the third and the second millennium can be seen by the position of some burials which were laid in the sand on top of early Bronze Age walls and floors. Sidonian cultural identity at the beginning of the MBIIA can therefore only be deduced from mortuary remains and tombs offerings.

A floor found above the sand indicates that the site was inhabited again around the middle of the 13th Dynasty of Egypt (1750 BC). Burials however continue, allowing us to follow the development of mortuary practices until the end of the MBII/III.

Three stratigraphic levels have been recognized in the sand layer corresponding to patterns in burial practice.

Level 1

Is the earliest phase of the Middle Bronze Age MBII/III (= Early MB IIA 15). In this level all burials (9 in total to date) are constructed graves lined with stones or mud brick and contain burial goods including wheel-made pottery and various luxury items such as bronze artefacts, weapons and jewellery. The graves contain single warrior burials (5 in total, one containing only the bones of two adult human feet) with weapons, two child burials with a weapon and jewellery, one female burial and one empty grave. Animal offerings are present in all burials including complete animals (two goats in burial 97 and one in burial 19).

From the care given to the construction of these single burials and from their luxury weapons, level 1 attests to the existence of a special group of individuals. In terms of energy expenditure the most labour intensive and elaborate burials are associated with metalwork.

* As work on the Sidon’s stratigraphy in the Middle Bronze Age is progressing all burials including those published in Levant have been re-allocated in their respective stratigraphic levels. This is why the word “phase” is in this paper replaced by levels and a full publication is underway.

1 Seal impression with interlocked spiral motif.
Level 2.
In this level, mainly jar burials of children have been found. Of the constructed graves burial 42 is a multiple burial that was probably disturbed in level 3 and burial 55, (fig. 2) lined with mud bricks, is a single burial of a child. Luxury items from these two include weapons, a bronze belt embossed with concentric circles found in burial 42 and two silver rings in burial 55.
Jar burial 49 (fig. 3) was placed in a re-used constructed mud brick grave and the disarticulated bones from the earlier burial 51 were pushed to one side. The appearance of red slip burnishing is the most characteristic feature of the pottery from this phase whereas in the earlier phase, jugs were either painted in the Levantine painted style or were plain.

Level 3.
Jar burials are the dominant type of burial. The single constructed grave from this level did not contain any metal weapons or jewellery only pottery (fig. 4). The burials are those of children 3 to 4 years old. The red burnishing which began in level 2 becomes an important decorative element in level 3.

Level 4.
This level is the first occupation layer on top of the sand (fig. 5-6). It consists of a heavily burned plaster floor. No complete pottery shapes were found but bowl fragments decorated with red bands (fig. 7) appear, typical of the southern Lebanese coast. Other fragments include storage jars with flaring neck, triangular sectioned-rims either plain and grooved or elongated rim; craters and cooking pots; no handmade cooking pots are found instead there were the wheel-turned type with gutter-like rims.

Burial 55.
Jar burial 49.
Burial 19.
Some pottery found with the burials was imported from Egypt, the Aegean world, Cyprus and some of the locally made pottery was influenced by Palestine and Syria.

Egyptian contacts with Sidon are represented by complete pottery shapes (fig. 8-9, 13) and in the large number of Egyptian imported pottery sherds (see Forstner-Müller, Kopetzky & Doumet-Serhal in this issue, p. 59).

In level 1 luxury and utility goods appear. One grave offering an Egyptian jar, was found with burial 13 (fig. 8). This has been dated to the early 12th Dynasty. Scarabs from the fingers of a warrior in burial 12 have also been dated to the first half of the 12th Dynasty (fig. 10-12).

In level 2, Egyptian contacts with Sidon are represented by six pieces of pottery, two of which are complete. A globular Marl C 2 Zir was used as a container for burial 24 (fig. 9). It had been dated to the early or middle of the 12th Dynasty, though a date contemporary with the reign of Amenemhat III cannot be excluded. The only other parallel to the Sidonian Zir, is the Marl A jar from Tell el-Ifshar, dated to the first half of the nineteenth century (1878-1853 BC) (fig. 13). Three other fragments of Zirs and one Upper Egyptian jar were also found in this phase. The highly polished jar, a complete vessel of Marl clay A2 (fig. 13), finds parallels at Ezbet Rushdi and Kerma in Nubia and dates to the time between Sesostris I and pre-Sesostris III (Forstner-Müller & Kopetzky in this issue, p. 60).

Level 3 shows a slow increase in imports with this becoming more significant in phase 4. Nineteen fragments were found in phase 3 of which twelve are Zirs and seven were of small globular or long corrugated jars.

In level 4, we counted a total of fifty one sherds of which thirty nine are Zirs and twelve are jars. This difference suggests an influx of Egyptian pottery to the Levant at the beginning of the 13th dynasty which then increased around 1750.

It is important to note at this stage that this increase relates mainly to vessels which were highly suitable for the transport of commodities. Ceramic imports are solely represented by storage jars of various types and sizes which are produced in Marl clays. This means that exchanges with Egypt were necessary to a market in search of comestible goods needed by the Levantine population. More importantly, that trade was reciprocal. This is shown by the large numbers of Canaanite jars containing olive oil and wine being shipped from the coast of Lebanon to Tell Dabca in the Delta.

Two later vessels, one Marl C small jar (fig. 14-15) belonging to level 5 and one jar from level 7 of a possible Nile A clay were also found at Sidon. Analysis of the Sidon Marl fabrics is being undertaken (see Griffiths & Ownby in this issue p. 63) to ascertain whether their composition is consistent with their having been made in Egypt and imported to Sidon as opposed to perhaps being a similar fabric that was made outside.
Jar S/1785 is characterized by a vertical neck with everted square rim, a ridge at the junction of neck and body (covered by a red band on its upper part, a black band on the lower part in addition to white paint applied on top) and the presence of a distinct carinated shoulder. The design of the base is most unusual. The jar itself is round bottomed but it is stabilized by a tripod comprising three separate pieces of clay applied to the base. That the three supports are separately applied to the jar is clearly seen in a break that runs through one of them. The vertical ends and the lower edge of the three supports have a protruding rounded ridge on the outer side, with the upper part of the outer side of each foot being concave and smoothed to blend into the contours of the jar. Red polished paint covers the neck and the outside facing of the rim as well as the upper part of the ridge.

In shape jar S/1785 does not compare to pithoi with short neck and ovoid body found in Crete either at Pachyammos or Akrotiri and was manufactured locally (see Mommsen in this issue p. 48).

On the shoulder of the jar six dolphins are plunging to the right. The bodies of all dolphins are incised, while the reserved surface of the body is

The Aegean world

The minoan cup

The excavation has produced the first tangible connection between Sidon and Minoan Crete. A Minoan cup made at Phaistos is one of the earliest Minoan imports to the Levant. It was found among the burials, inverted over a deposit of sheep bones together with a plate and two jugs which had been placed on a floor covered in lime plaster about 4 cm thick. Carbon 14 analysis undertaken at the Radiocarbon Accelerator Unit in Oxford on the sheep bones has given a date between 1984–1859 BC. According to Alexander McGillivray who published the cup, the C14 date provides an important chronological link between MM IIA and MB I/IIA and in Egyptian terms the cup also fits well with the larger picture of the imported Mesara pottery in Egypt in the middle of the twelfth dynasty. If the MM IIA Sidon cup and bones were deposited around 1908 it may be necessary to push the start of MMIIA back by a generation to approximately 1925 BC.

The dolphin jar

In 2004 five sherds were published belonging to jar S/1785 with fish or dolphin decoration found at Sidon in burial 7 and identified as being a multiple burial. More sherds were found in the 2005 season belonging to the same vessel which is now almost complete. The motif of the leaping dolphin and the waves is now even more distinctive. Burial 7 turned out to be a layer of disarticulated remains with around 13 adults and 3 subadults.
filled with black paint. The dolphins have one dorsal and two pectoral
fins with a bifid tail. Only one creature has two diagonal wavy line inci-
sions on the body. Only the upper outline of the waves with black paint
are incised while the lower part is bordered by a large red band
topped by a white band covering the carination. Each wave curve
also has another incision as if a change had been made from the original
design to suggest the motion of waves.

Dolphins and birds represented in motion is a purely Cycladic theme from
the third millennium onwards. Bichrome decoration in which the black
and red technique is used was rarely employed by Middle Cycladic pot-
ters for the decoration of large vessels. One example which was badly
fired was found at Akrotiri not with a mass of storage vessels but separate-
ly in a room suggesting it was a rare and valuable item. The shape of the
Akrotiri jar does not suggest it was intended to transport goods but rather
as a gift.

The type of decoration however combining bichrome painting and inci-
sions with the fish motif is very interesting. It was also found on the
"Dolphin Vase" from el Lisht in Egypt dated ca. 1750-1700 BC. This
vase, so named because of its naturalistic depiction of dolphins, appears
to be Minoan in style but belongs, because of its shape and manufacture,
to the southern Palestinian region. The fish are very distinctive with their
plunging bodies and dorsal fins. The el-Lisht jug, of Levantine inspiration,
with dolphins which appear Aegean in style and found in Egypt, illus-
trates the complexity of iconographical transfers.

Cyprus
Middle Cypriote pottery arrived at Sidon later than Egyptian and Cretan
imports. A Middle Cypriot jug (fig. 20-21) of White Painted (WP) II-III
Pendant Line style was found in jar burial 54.

Palestine
One sherd painted in a polychrome decoration (fig. 19), is mainly known from Ashkelon as Red,
White and Blue Ware (RWB) as early as MB I/IIA; it was made only on the southern coast of Canaan.

Syria
Other finds showing Syrian influence are more
complicated showing interactions and influences
in the forms of painted motifs on pottery: a jug
from Sidon has parallels at Tell Tweini/Ghiba; the decoration of a stylized
quadruped animal between the bichrome red and black “butterfly” decora-
tion on the body (fig. 22), is seen on jugs of the Syro-Cilician family. This
style is found at Sidon in level 1 at the beginning of the MB I/IIA at the
same time as Levantine Painted Ware. Some new jug shapes are intro-
duced in level 2, namely highly polished red burnished surfaces of trefoil-
mouth jugs and carinated bowls imitating metal artefacts, a common fea-
ture which was particularly popular at Ebla.

From this distribution of items of foreign origin at Sidon, a network of maritime
traffic as early as the middle of the 12th Dynasty can be constructed. Egypt was Sidon’s main economic partner and the driving force behind this trade is the supply of basic commodities. The Egyptians produced agricultural crops for which a market existed in the Levant. Luxury grave goods came from Crete and Cyprus. Silver came from Anatolia. A closer study is needed to establish the relative chronology between Tell Dab’a and Sidon and this is already under way (see Forstner-Müller-Kopetzky & Doumet-Serhal in this issue p. 52). It is now clear however that material input from Sidon will open up new perspectives on the nature of Mediterranean trade and inter-relations.
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