#### AN IRON AGE TOMB AT AL-JIB1

MAHMOUD HUSEIN of al Jib village reported in June 1949, saying that while turning over his plot of land he struck the opening of a rectangular cave about 8.30 m. east to west and 7.30 m. north to south. He entered it and found many

pots; he removed 36 of these and reported to the Secretary of the Museum.

Excavation started on the 15th of May, 1950, with the assistance of Antiquities Guard Yousef Abdul Kader, who rendered great services in cleaning the pots on the spot. The cave is situated on a slope east of the spring; there are five other rock-cut caves, all cleared anciently. The tomb is simply a large cavern in which a succession of bodies had been placed. The accumulation of debris was thin and the stratification disturbed; no skeleton was found in its original position. Fragmentary skulls and bones were found abundantly.

500 pots of various forms and in varying states of preservation were recovered. The following table shows the proportional distribution of the various types and objects.

Object	Registered	Unreg	ristered	Ob ject	Registered	Unregistered	
		Compl.	Broken		Tegister ear	Compl.	Broken
Bowls Lamps Chalices (Pedestal bowls) Juglets (dippers) Squat black juglets Pyxis Spouted strainer jugs Spouted juglets Water-decanters Flasks Mugs Pitchers Pilgrim bottles	56 21 4 35 8 27 6 2 5 2	2 77 26 14 4 1 2	18 125 4 31 23 4 2 2 4 4	Earrings Rings Bracelets Anklets Tongs Fibula Toggle-pins Needles Spear-heads or Arrowheads Dagger-handles Miscellaneous Beads Seals	5 7 16 8 1 2 12 2 2	1 16 3 — — — — — — — — — — — — — — — — — —	2 3 12 — I I —
Amphoras Cooking-pot	2 incompl.		<u></u>	Scarabs	6		

Two skulls in good condition were preserved, one of a male having an abnormal frontal bone, the other a female of protruding occipital bone, probably a result of a difficult birth.<sup>2</sup> All soil from the cave tomb was sieved.

<sup>&</sup>lt;sup>1</sup> Jerusalem District: map ref. 140, 168—a village on a slight elevation in a fruitful region, identified with the ancient Gibeon, which was one of the four cities of the Hivites.

<sup>&</sup>lt;sup>2</sup> Dr. Mohammed Khalaf, M.O. 3rd Inf. Bde. Arab Legion, stated 'that the skull of the male is in its thirties of age, while that of the woman is ten years younger. There are no particular anomalies. There are no signs of ante-mortem injuries in these skulls.'

Bowls (nos. 1-37)

Plate XXII shows the different kinds of bowls, some of which (nos. 1, 2 and 7) are hand-made, a most unusual feature in Iron I. No. 9 was used as a saucer lamp. Thumb, bar, knob and loop handles occur on shallow bowls.

The ware varies in colour from red to buff, and most vessels have medium fire, but some are hard. All bowls have a proportion of grits of either limestone or flint; in most cases the grits have disintegrated, leaving the vessel pitted. The majority have a slip surface; some are finished with wheel-burnishing, which is a characteristic of Iron II (nos. 8, 13 and 25). Others are finished with irregular hand-burnishing of early Iron I (nos 16a, 17, 31, 32 and 35) $^{1}$ .

#### Lamps (nos. 38-53)

223 lamps were recovered, of which 21 were registered, the remainder being duplicates; most of them have a wide, flat rim and rounded base, characteristic of the Early Iron period, though a few have a thin rim.2 None has a foot, disc or raised base. There is one example of a large lamp with pinched mouth on a pedestal base (no. 53).

#### CHALICES

Nos. 87 and 88 represent a transitional period between L.B. and M.I. as seen from the ridges on bowl and base.3

### Juglets (nos. 54-70)

(1) Small elongated one-handle juglets. Many of these are vertically burnished on plain buff or brown surface, slip being rare. The body is sometimes more rounded than is usually the case, and most have pinched spouts, which are restricted exclusively to E.I. I juglets, though a survival into the 9th century is possible. Such juglets were probably used to contain cheap perfumed oil.

(2) Squat black perfume juglets, 45 in number, generally more or less continuously burnished; most have a rounded base, but some have a disc, others a small knob or button base. These long-necked, graceful-bodied, black-burnished juglets with the handle joining the neck some distance below rim are typical E.I. 15 and differ from the more squat black-burnished ones of E.I. 2 which are not found in this group. Juglets of this shape sometimes exhibit buff or brown colour, both burnished and plain surface. There is no distinction in form or date between the black and the lighter-coloured juglets of

Thus the evidence in general indicates an 11th- and 10th-century date for such juglets.

<sup>&</sup>lt;sup>1</sup> AASOR, Vol. XII, T.B.M., Pl. 2, nos. 19–33.

<sup>&</sup>lt;sup>2</sup> T.N. II, Pl. 70, lamps.

<sup>3</sup> OIP, XLII, Stratum V, Pl. 33, no. 18. and Pl. 363, no. 18. Cf. OIP, Megiddo Pottery, Stratum VI Drawing, Fig. no. 15.

<sup>4</sup> CPP, Drawing Fig. 52 nos. G 103 and 1053.

<sup>&</sup>lt;sup>5</sup> OIP, XLII, Stratum IV, Pl. 44, nos. 51 and 52, and Stratum V, Pl. 46, nos. 129 and 130. QDAP, Vol. IV, 1934, Pl. LXIII, nos. 2, 3 and 7.

Miscellaneous types of Pottery

Juglet, type no. 60, two handles, light-red ware with red slip; badly baked; slight carination.1

Jug no. 62 is of red ware; red slip; elongated body and pointed base; carinated shoulder with collar neck; traces of four handles; is an Iron Age II bottle type.

Jug, type nos. 71, 72 and 76. Strainer-spouted jugs are most abundant in E.I 1.2

Zoomorphic vase, no. 84, such types are known from various parts of Palestine, Syria and Cyprus.

Pilgrim flask, no 85, is of light-red ware, red buff slip, with concentric red rings; this type is found in numbers throughout Palestine during the period represented by Strata VI and VII in Megiddo, i.e. E.I. 1 and L.B.3

Water decanters, nos. 77-79, are mostly of buff ware, cream slip, rounded body, ring base, handle stretching from middle of carinated neck to shoulder. All have soft lime grits and are typically Iron Age I.4

Cypro-Phoenician juglets (no. 86). In Palestine such juglets had been found quite consistently with other materials which point to E.I. and M.I. Albright in AASOR, Vol. XII, T.B.M., finds them in Stratum B, dating the contents of one specimen to 1150-920 B.C.; Hamilton in QDAP, Vol. IV, T. Abu Hawam, Stratum III, giving the same date.

### Pyxis (nos. 89–96)

Pyxis with two lug handles have a long history and have been regarded by some as having Mycenaean prototypes. They were imitated by local Canaanite potters with conspicuous lack of success; the imitations first appear about the 13th century and continue into E.I 1.5 Most of our pyxis have a dark-red paint on a reddish-buff surface without burnishing; one (no. 90) has black vertical burnishing associated with the blackburnished juglets of types 49-52, Megiddo,6 and Pl. 51, nos. 4 and 5, of Tell Beit Mirsim. At Megiddo they first appear in Stratum VII, reach their climax in VI, and occur in the debased form in the Israelite period.7 Our vessels seem to be intermediate between the Late Bronze-Early Iron and the Middle Iron periods.

LARGE JAR (AMPHORA) FRAGMENTS (no. 100).

There is not a complete example, but the sherds show that they are of usual I.A. II form.

<sup>1</sup> QDAP, Vol. IV., 1944, Pl. LXII, Fig. 3, no. 1.

<sup>&</sup>lt;sup>2</sup> AASOR, Vol. XII, T.B.M., Pl. 25, no. 27, and Pl. 24, no. 24.

<sup>3</sup> OIP, Megiddo Pottery Drawing, Pl. of Strata VI–VII, Fig. no. 33. OIP, XLII, Stratum V, Pl. 36, no. 12.

<sup>&</sup>lt;sup>4</sup> OIP, XLII, Stratum V, Pl. 7, no. 174.
<sup>5</sup> AASOR, Vol. XII, T.B.M., Pl. 51, 4 and 5. Cf. TN, II, page 47.

<sup>6</sup> OIP, XLII, Pl. 19, nos. 96-98.

<sup>7</sup> TN, II, § 29, p. 47.

Bronze and Iron Objects (nos. 101-112)

Earrings, rings, bracelets and anklets, spear- and arrow-heads, and dagger handles are of both iron and bronze; all were cleaned in the Palestine Archaeological Museum Laboratory.

Toggle-pins. Are typically Early Iron Age type. 1 Mrs. Henschel Simon states that 'the Toggle-pin does survive the Early Iron Age in Palestine, being then replaced entirely by the Fibula.' Both objects were used as a garment pin. Our type of toggle-pins are stake-like, with comparatively low eyelet, which is sometimes very near to the point. Most pins have a decoration of herring-bone incisions and ring bands. The top is

extremely weighty and the point is short and thin. Two bronze needles were found.

One iron tong and two fibulae were recovered.

ORNAMENTS (nos. 113-123)

Pendants. Are of agate and limestone. Beads, spindle whorls and pendants are found abundantly in most Palestinian Iron Age sites.

Spindle Whorls. Are of steatite and Ivory.

Beads.<sup>2</sup> Are of different materials: white and blue steatite; glass of spherical, cylindrical and barrel shape; carnelian; white, pale and blue faience; stone; and glass of different shapes.

<sup>1</sup> QDAP, Vol. VI, 1938, Pl. LXXI, nos. 126 and 127. <sup>2</sup> QDAP, Vol. IV, T.A.H., Pls. XXIV and XXV.

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# INVENTORY OF OBJECTS

Pottery Objects (Nos. 1–100)

(Items marked \* are not illustrated)

		(233-1-1		.		
Serial No.	R. No.	Description	Body	Fire	Slip	Remarks
I	89	Bowl	Buff	Med.		Hand-made.
2	90	Bowl	Red	Soft	Buff	Hand-made; pitted. (Pl. IX, no.
. ~	7				inside,	1.)
	2				red outside	
3	91	Large shallow bowl (fragment)	Buff	Med.	Traces of black	Fragment.
· /	92	Deep bowl	Grey	Hard	Grey	White lime grits; pitted.
4	93	Shallow bowl	Buff	Hard	Red buff	
5	93	Bowl	Buff	Hard	Buff	White lime grits; pitted. (Pl. IX, no. 2.)
7	95	Bowl	Cream	Hard	Buff	Hand-made; base missing.
7	96	Shallow bowl	Red	Hard	<del>-</del>	Reconstructed; wheel burnishing. (Pl. IX, no. 6.)
9	97	Bowl (saucer lamp)	Grey	Hard		Traces of smoke on rim; probably used as a lamp.
10	98	Deep lamp	Buff	Med.	Red buff	Pitted; rim partly broken; re-
					in and	constructed.
5 1 1	-				out	~ 1
ΙI	99	Deep bowl fragment	Cream	Hard	Buff in	Incomplete.
			D	77 1	and out	Wheel-marks incisions; incom-
12	100	Deep bowl	Buff	Hard	Red in and out	plete (though drawn as being
13	101	Shallow bowl	Red	Hard		complete). (Pl. IX, no. 4.) Wheel-burnishing, two incised lines outside; reconstructed.
14	102	Deep bowl	Light brown	Med.	Buff in and out	Part of slip worn out.
14a	103	Shallow bowl	Red	Hard	Red	Wheel-burnishing, rim partly broken; thumbed bar handle (Plate IX, no. 5.)
T 5	104	Shallow bowl	Red	Med.		Reconstructed.
15	105	Small bowl	Light red	Hard		Reconstructed.
16a	106	Shallow bowl	Red	Hard		Hand-burnished. Incomplete.
17	107	Shallow bowl fragment	Dark red	Hard		Criss-cross hand-burnishing in an out. Incomplete.
18	108	Deep bowl	Grey	Hard		White lime grits; pitted.
19	109	Bowl	Dark red	Med.		Rim partly broken, pitted.
					and out	
20	110	Deep small bowl	Buff	Hard	and out	
21	III	Deep small bowl	Red	Hard		Incrusted base.
22	112	Deep small bowl	Light	Med.		Rim broken.
			brown		and out	

				1 1		
Serial No.	R. No.	Description	Body	Fire	Slip	Remarks
23	113	Shallow bowl	Buff	Hard	Cream inside and	<u>-</u>
			<b>5</b> 1 1	2.4	outside	D
24 25	114	Large bowl Deep bowl	Dark red Brown	Med. Hard	Red	Reconstructed.  Wheel-burnishing in and out, reconstructed. (Pl. IX, no. 3.)
26	116	Small deep bowl	Dark red	Med.	Cream	Rim partly broken.
27	117	Deep bowl	Cream	Med.		Reconstructed; Incomplete.
28	118	Deep bowl	Red	, <del></del>	Red wash in and	Two handles. (Pl. IX, no. 7.)
29	119	Large deep bowl	Dark red	Med.	out —	Traces of black slip in and out, reconstructed; four handles. (Pl. IX, no. 9.)
30*	120	Bowl	Red	Hard		Four loop handles. (Pl. IX, no 8.)
31*	121	Bowl fragment	Black	Hard		Hand-burnishing inside and wheel- burnishing outside; wheel- marks incision outside.
32*	122	Bowl fragment	Dark red	Hard		Hand-burnishing inside and wheel- burnishing outside; wheel marks
33*	123	Shallow bowl fragment	Buff	Hard		Buff burnishing inside.
34*	124	Large shallow bowl frag- ments	Black	Hard	Buff	Pitted.
35*	125	3 shallow bowl fragments	Buff	Med.	_	Irregular hand-burnishing inside; the three fragments are prob- ably of one bowl.
36*	126	Bowl fragment	Black	Hard	<u> </u>	Traces of burnishing; three thumbed knobbed handles; hollowed from within.
37*	127	Bowl fragment	Buff	Hard		Traces of burnishing; four thumbed handles.
38	128	Lamp	Buff	Hard	_	Smoked nozzle.
39	129	Lamp	Dark red	Hard	Cream outside, red inside	Smoked nozzle.
40	130	Deep lamp	Cream	Hard		Smoked nozzle.
41	131	Lamp	Grey	Hard	C	(Pl. IX, no. 14.)
42	132	Deep lamp	Buff	Hard	Cream outside	Traces of fire on body and no smoke on nozzle, white limestone. Smoked nozzle.
43	133	Lamp	Coarse	Hard	Red buff	Smoked nozzle.
44 45	134	Deep lamp Deep lamp	Buff Buff	Hard Hard	Red buff Red out- side, grey inside	White lime grits, smoked nozzle. (Pl. XXII, no. 16.)
46	136	Deep lamp	Red	Hard	_	White limestone grits; smoked nozzle.

Serial No.	R. No.	Description	Body	Fire	Slip	Remarks
47 48	137	Deep lamp Shallow lamp	Orange Black	Hard Hard	Ξ	Smoked nozzle. (Pl. IX, no. 15.) Double incisions outside rim; no smoke on nozzle. (Pl. IX, no.
49 50	139	Lamp Small lamp	Grey Grey	Hard Hard	Cream	17.) Long pinched, smoked nozzle. Hand made; smoked nozzle. (Pl. IX, no. 12.)
51 52 53	141 142 143	Small lamp Small lamp Pedestal lamp	Red Light red Buff	Hard Hard Med.	Red —	Smoked nozzle. (Pl. IX, no. 13.) Smoked nozzle. White limestone grits, pitted;
54	144	Juglet (dipper)	Red	Hard	_	broken. Vertically burnished. (Pl. IX, no 26.)
55 56 57 58 59 60 61	145 146 147 148 149 150	Juglet (dipper) Juglet (dipper) Juglet (dipper) Juglet (dipper) Juglet (dipper) Juglet Juglet	Buff Red Buff Buff Light red Red	Hard Hard Med. Med. Soft Hard	Red Light red Buff Red —	Vertically burnished. Chipped body. Handle and mouth partly broken.  Pitted; neck partly broken. Vertically burnished, white and red bands around body and neck; mouth partly broken (Cypro-Phoenician type). (Pl. IX, no.
62	152	Jug	Red	Med.	Red	Four handles missing; neck and
63	153	Juglet	Buff	Hard	Buff	mouth partly broken. Cypro-Phoenician style. (Pl. IX, no. 21.)
64	154	Juglet	Red	Hard	· · · · · · · ·	White lime grits; heavy in weight (Cypro-Phoenician). (Pl. IX,
65 66	155	Juglet Black squat juglet	Black Black	Hard Hard	Grey —	no. 27.) Rim partly smashed. Criss-cross hand-burnishing. (Pl. IX, no. 29.)
67	157	Black squat juglet	Black	Hard		Vertically burnished. (Pl. IX, no. 30.)
68	158	Black squat juglet	Grey	Soft	_	Black-burnished, mouth broken and handle missing; heavy in weight.
69*	159	Black squat juglet (dipper)	Red	Hard		Horizontally burnished. (Pl. IX, no. 18.)
70*	160	Black squat juglet (dipper)	Brown	Hard	-	Vertically burnished. (Pl. IX, no.
71	161	Spouted strainer juglet	Buff	Hard	Red buff	Dark-brown bands on neck, one dark-brown band between two red bands on body. (Pl. IX, no.
72	162	Spouted strainer juglet	Red	Hard	Red	Slightly pinched mouth. (Pl. IX,
73	163	Spouted juglet	Cream	Hard	Cream	no. 23.) Chocolate bands on neck and body; rim partly broken.

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Serial No.	R. No.	Description	Body	Fire	Slip	Remarks
74	164	Spouted dipper	Buff	Hard	Buff	(Pl. IX, no. 20.)
75	165	Flask	Buff	Hard	Buff	Chocolate bands on body and neck (Cypro-Phoenician type).
76	166	Spouted strainer juglet	Buff	Hard	Red buff	Vertically burnished; mouth partly broken; base missing.
77	167	Water decanter	Cream	Hard		— · · · · ·
77 78	168	Water decanter	Buff	Hard		White lime grits, pitted.
79 80	169	Water decanter	Buff	Hard		Mouth partly broken.
	170	Mug	Brown	Hard	Dark red	(Pl. IX, no. 22.) Pitted.
81	171	Deep bowl	Brown	Med.	Red in and out	Fitted.
82	172	Mug	Buff	Med.		
83	173	Mug	Greyish	Hard	Grey	Rim partly broken.
3	-/3		brown			
84	174	Spouted animal vase	Red	Hard	Cream polished	Handle and one leg missing. (Pl. IX, no. 31.)
85	175	Pilgrim bottled	Light red	Soft	Red buff	Five dark-red concentric circles on body and three spiral bands on
•						neck; rim partly broken.
86*	176	Pilgrim flask	Buff	Med.	_	Two handles, body missing (Cypro -Phonecians style).
87	177	Chalice (pedestal bowl)	Red	Med.	Red	Reconstructed. (Pl. IX, no. 10.)
88	177	Chalice (pedestal bowl)	Buff	Med.	Buff	Pitted, reconstructed; i ncomplete.
00	1/0	Charles (Peacettal 25 11-7)				(Pl. IX, no. 11.)
89	179	Pyxis	Red buff	Med.	Buff	One handle missing, traces of polish.
90	180	Pyxis	Black	Med.	_	Black vertically burnished. (Pl. IX, no. 32.)
91	181	Pyxis	Red buff	Med.		(Pl. IX, no. 33.)
92	182	Pyxis	Red	Med.	Red	Vertically burnished; chipped. (Pl.
93	183	Pyxis	Buff	Med.	Buff	IX, no. 34.) Chocolate band on body and another on neck.
94	184	Pyxis	Buff	Hard	Buff	Three chocolate bands on body and two on neck. (Pl. IX, no. 35.)
95	185	Pyxis	Yellow buff	Hard	Buff	Pitted. (Pl. IX, no. 37.)
96	186	Pyxis	Buff	Med.	Buff	Rounded base, chipped body. (Pl. IX, no. 36.)
97*	187	Amphora fragment	Grey	Med.	Red	Light-red painted bands on body incomplete.
98*	188	Cooking-pot	Grey	Med.	Red	Traces of fire on body; two handles.
99*	189	Jug	Cream buff	Med.	Buff	Traces of black paint on body three handles; pitted.
100*	190	Jar	Grey	Med.	Orange buff	Two handles, one missing; base missing; pitted.

## Metal Objects, Ornaments, etc. (nos. 101-133)

(Items marked \* are not illustrated)

Serial No.	R. No.	Description	Body	Remarks
101*	191	Earring	Bronze	D. 0.010 mm. Two other examples.
102*	192	Earring	Bronze	Curled. D. 0·012 m.
	1 1	Rings	Bronze	Thick. D. 0.015 m.
103*	193	Bracelets	Bronze	Open, closed and overlapping ends; some had dot decora
104	194	Diacelets	Bronze	tion. Diameter ranges from 0.035 to 0.055 m. Fiftee other examples. (Pl. X, no. 38.)
105	195	Bracelets	Iron	Closed and overlapping ends. D. 0.055 m. Two other examples. (Pl. X, no. 39.)
106	196	Anklets	Bronze	Open ends. D. 0.070 m. Four other examples. (Pl. X, no. 40.)
107	197	Tongs	Bronze	Length 0.045 m. Reconstructed. (Pl. X, no. 41.)
108	198	Fibula	Bronze	Pin missing. One other example. (Pl. X, no. 42.)
109	199	Toggle-pins	Bronze	Ring incisions or herring-bone decoration; eyelet slide much near the point. Length ranges from 0.095 0.140 m. Eleven other examples. (Pl. X, no. 43.)
110	200	Needles	Bronze	Folded top; gilded. L. 0.092 m. One other example with loop head. L. 0.100 m. (Pl. X, no. 44.)
111	201	Spear-head or arrow head	Iron	L. 0.075 m. One other example. L. 0.062 m. (Pl. 3 no. 45.)
112	202	Dagger handle	Iron	L. 0·165 m., having three nails. Two other example length ranges from 0·150-0·165 m. (Pl. X, no. 46.)
113	203	Pendants	Agate	One other example of limestone. (Pl. X, no. 47.)
114	204	Spindle whorls	Steatite	(Pl. X, no. 48.)
115	205	Spindle whorls	Ivory	Decorated. (Pl. X, no. 49.)
116	206	Beads	Paste	White and blue paste; one double. (Pl. X, nos. 52.)
117	207	Beads	Glass and carnelian	Spherical; cylindrical and barrel shape. (Pl. X, nos. 50 at 54.)
118	208	Beads	Paste	(Pl. X, no. 53.)
119	209	Beads	Glass	Inlaid. (Pl. X, No. 55.)
120	210	Beads	Faience	White, pale blue, segmented. (Pl. X, no. 51.)
121	211	Beads	Glass	Banded. (Pl. X, no. 56.)
122	212	Beads	Stone	(Pl. X, no. 57.)
123*	213	Beads	Glass	Coloured blue and white.
124	214	Lid	Bone	Pierced at side. (Pl. X, no. 58.)
125	215	Handle	Ivory	Broken. (Pl. X, no. 59.)
126	216	Stone	Haematite	(Pl. X, no. 60.)
127*	217	Cowries		One other example.
128*	218	Shell		One other example.
129*	219	Human figurine	Lead	
130*	220	Animal-head figurine	Stone	
131	221	Seal	Stone	Two animal figurines fighting (probably cocks). Piero for suspension. (Pl. X, no. 61.)
132	222	Seal	Ivory	Hebrew letters. (Pl. X, no. 62.)
133	223	Scarabs		(Pl. X, nos. 63–68.)