#### TERQA PRELIMINARY REPORTS

NO. 10

INTRODUCTION AND THE STRATIGRAPHIC RECORD

### THE FOURTH SEASON:

## UNDENA PUBLICATIONS

MALIBU 1979

# Bibliotheca Mesopotamica

Primary sources and interpretive analyses for the study of Mesopotamian civilization and its influences from late prehistory to the end of the cuneiform tradition

Edited by Giorgio Buccellati

Volume Ten

Published Under the Auspices of IIMAS
The International Institute for Mesopotamian Area Studies

## Bibliotheca Mesopotamica Volume Ten

TPR 10

The Fourth Season: Introduction and the Stratigraphic Record

by Giorgio Buccellati

During the fourth season of excavations at Terqa, a major clarification was obtained of the city defensive system. Structurally it was seen to consist of three massive defensive rings from the third millennium, for a total width of some 20 meters and a perimeter of about one mile, and with excellent stratigraphic evidence for long term extramural deposition in a moat-like depression. Dated typologically and by C-14 to the early part of the third millennium, and with antecedents which go back to the fourth millennium and perhaps earlier, this is the largest among the most ancient fortification systems of the Near East. -A second major result was the discovery of a private archive of cuneiform tablets, belonging to a man by the name of Puzurum, of which the stratigraphic context is described here. The tablets were preserved in a room which served for the dead storage of a variety of items, important and not. -Two new periods are now also documented. For the first millennium B. C. we have some interesting burials and possible traces of a "nomadic" or "Aramean" temporary settlement at the site. From Parthian times we have two isolated artifacts, without connections with any structural remains. Finally, we have found for the first time evidence of modest dwellings, from the medieval or early modern period.

#### © 1979 by Undena Publications

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher.

ISBN: 0-89003-042-1

#### **PREFACE**

The first nine issues of the Terqa Preliminary Reports were published as fascicles of the journal Syro-Mesopotamian Studies. This tenth issue appears in book form because of the quantity of data involved and the degree of the elaboration to which they were subjected. The basic modular concept of the reports is, however, retained. This volume deals extensively, but exclusively, with the stratigraphic record. A typological analysis of the artifacts will be provided in future fascicles of SMS and in a new series of Terqa Final Reports which will begin to appear in the near future.

The present report contains a greater amount of detailed information than is usual for preliminary reports. This refers in particular to the city defensive system and the private archive room STCA1. In the latter case the reason is that the excavations of the archive are essentially complete, and the first two volumes of the Terqa Final Reports, due to appear soon, are devoted to the tablets and seal impressions from that archive; while a final stratigraphic report is reserved to a later volume which will deal with the residential quarter as a whole, an extensive preliminary report seemed useful at this point, with details about the interesting depositional history of the room. As for the defensive system, we do not expect to continue its excavation in the immediate future. For this reason, I have decided to give a fuller account of the results of this season, which are of major importance for the study of early urbanism in Syria and the Near East. This remains a preliminary report, because (1) only a portion of the data uncovered has been analyzed, and (2) several hypotheses could easily be tested by further excavations. It will be however an extensive documentary report.

The author is responsible for the presentation of the data in the form given here and for the final interpretation of the stratigraphic sequences. The contributions of staff members are acknowledged for individual chapters in the measure in which they contributed to the substantive elaboration of the material. But the major collaboration came from the individuals mentioned on the title page. Marilyn Kelly-Buccellati contributed in an essential way to the definition of the research strategy, to its implementation in the field and to its embodiment in this report; in particular, she oversaw the analysis of the artifactual material and its relationship to the stratigraphy. James Knudstad was also instrumental in defining the overall goals of the excavation, and he was indispensable in articulating the details of the stratigraphic sequence, especially of the defensive system.

Renata M. Liggett was of invaluable assistance in the final editorial coordination of the publication, particularly with regard to the complex graphic documentation.

Publication of this volume, the first book-length report on the Terqa Archaeological Project, was aided by a grant from the Ambassador International Cultural Foundation, which has sponsored the excavations of the 1978 Season. For this, too, we gladly acknowledge our warm appreciation.

#### ERRATA CORRIGE - BM 10

Location:	Instead of:	Read:
Cover	TPR No. 11	TPR No. 10
p. 23, line 9	DS 3 XX-XX	DS3, 62-63
p. 32, line 4	FT15	(FT15)
p. 34, line 16	realignes	realigns
p. 44, line 11	TA3	TQ3
p. 50, line 2	20ms.	20cm.
p. 71, 6.2.5.	The Evidence of	The Artifactual Evidence:
p. 72, line 8-9	From our excavations Qraya.	From our excavations it appears that a ware called HH by us at Qraya may be an early type of TM ware.
p. 72, line 11	Delete "This was then maybe"	
p. 73, line 1	Delete "EDI"	
p. 77, in the 2400- date range		Add intramural deposition in ARB, and extramural deposition in MP13+
p. 83, line 4	presuppsed	presupposed
p. 87, line 7	Texical	Lexical
Figure 16, legend	Linear patternsextend	extent
Ill. 25 & Figure 17	Delete STCD3 & STCF	
	STCD1	STCD3
	Room to the right of	
	STCD2 = STCD1	

Figure	9	
Likuic	,	

Between FT13 & FT10	=	FT11
Between FT17 & FT16	=	FT6
White arrow in FT6	=	FT5

#### Figure 11:

at 1200,	<	300 =	FT69
at 1800,	<	225 =	FT45 & 46
at 1900,	<	225 =	FT40
at 2200,	<	290 =	FT54
at 2175,	<	225 =	FT36
at 2650,	<	200 =	FT60
at 2850,	<	220 =	FT60
at 2900,	<	230 =	FT57

#### Figure 13:

Cultural section: representation of CW4/4A should show heavy dot pattern exactly as that in FT16, CW4/MP13+.

```
at 2500W,
          <
                100 =
                           FT30
at 2550W,
          <
                175 =
                           FT29
          <
                 200 =
                           FT28
at 2550W,
at 2300W,
          <
                050 =
                           FT54
          <
                           FT31
at 2300W,
                 125 =
          <
at 2325W,
                 150 =
                           FT53
          <
at 2200W,
                 175 =
                           FT50
          <
                200 =
                           ♦C, ♦OG
at 1600W,
          <
                           ♦C, ♦LB
at 1700W,
                 200 =
          <
at 1100W,
                 100 =
                           FT25
          <
                           FT17
at 1000W,
                 200 =
at 200W,
           <
                 125 =
                            FT20
at 200W,
          <
                 100 =
                           FT21
at 100E,
          <
                 200 =
                            FT10
```

#### TABLE OF CONTENTS

PREFACE	1
TABLE OF CONTENTS	:
The bull of the state of the st	
LIST OF CHARTS, TABLES AND DIAGRAMS	6
LIST OF FIGURES	7
LIST OF ILLUSTRATIONS	8
LIST OF ABBREVIATIONS	10
1. INTRODUCTION	11
1.1 Chronicle.	
1.2 Acknowledgments	
1.3 Staff	
1.4 Archaeological activity	
1.4.1 Terqa	
1.4.2 Qraya	
1.4.3 Khana Survey—extensive and intensive (by K. Simpson)	
1.4.4 Museum research (by M. Gaborit)	
1.4.5 Geological analysis (by D. Berry)	
1.4.6 Methodological considerations	
1.4.7 Technical resources	
1.5 Dissemination of results and training	
1.5.1 Publications	
1.5.2 Archaeological Fark	
1.5.5 Field School	23
2. MEDIEVAL AND MODERN STRATA	26
2.1 Burials	26
2.2 Residential areas	
3. LATE ANTIQUE ARTIFACTUAL EVIDENCE	28

4.	FIRS	T MILLENNIUM STRATA	29
	4.1	Burials	29
	4.2	Residential areas	30
5	SECO	OND MILLENNIUM CER ATTA	2.1
۶.	SECC	OND MILLENNIUM STRATA	31
	5.1	The residential quarter in Area C (by M. Kelly-Buccellati)	31
		5.1.1 Stationary units and movable items.	
		5.1.2 Preliminary stratigraphic interpretation.	
	5.2	The archive of Puzurum (with the collaboration of M. Gaborit and R. Liggett).	
		5.2.1 Strategy	
		5.2.2 Depositional history	37
		5.2.3 Movable items	39
	5.3	Other second millennium areas	
		5.3.1 A monumental building (Area E)	
		5.3.2 A street (Area F)	41
6.	THE	DEFENSIVE SYSTEM (with the collaboration of D. Berry, K. Galvin, R. Keller)	42
	6.1	The System	42
		6.1.1 Introduction	42
		6.1.2 Terminology	
	6.2	Documentary data	
		6.2.1 Stratigraphic sequences	
		6.2.1.1 Introductory	
		6.2.1.2 MP11	
		6.2.1.3 MP13+	
		6.2.1.4 SG17	
		6.2.1.5 ARB	
		6.2.1.6 Surface exposures	
		6.2.2 Geological details (by D. Berry)	
		6.2.2.2 Descriptive list of features	
		6.2.2.3 General note on SG52	
		6.2.3 Structural details	
		6.2.4 The evidence of samples and specimens	
		6.2.5 The artifactual evidence: early third millennium pottery at Terqa	,0
		(by M. Kelly-Buccellati)	71
		6.2.5.1 Introductory	71
		6.2.5.2 Early Dynastic I pottery	
		6.2.5.3 Early Dynastic II pottery	
		6.2.5.4 Description of third millennium ceramic ware	
		6.2.5.4.1 Later third millennium ware types	
		6.2.5.4.2 Early third millennium ware types	
		6.2.5.5 Conclusions	75

6.3 Preliminary stratigraphic interpretation	75
6.3.1 Introductory: horizons and phases	
6.3.2 Defensive Ring 1 (about 3000 B.C.)	
6.3.3 Defensive Ring 2A (early third millennium)	
6.3.4 Defensive Ring 2B (first half of third millennium)	
6.3.5 Defensive Ring 2C (mid-third millennium)	
6.3.6 Localized rebuildings (late third and early second millennium)	
6.3.7 Defensive Ring 3 (first half of second millennium)	83
7. HISTORICAL CONSIDERATIONS	84
7.1 The third millennium and earlier	84
7.2 The second millennium	
REFERENCES	87
FIGURES Following in sequential order after page 86, see List on p. 7	
ILLUSTRATIONS	

Following in sequential order after Figures, see List on pp. 8-9

#### LIST OF CHARTS, TABLES AND DIAGRAMS

1.	Modes of stratigraphic analysis
2.	Phase and strata sequence for Area C
3.	Excavation model for STCA1
4.	Structural components of the defensive system
5.	Proposed sequential reconstruction of CW2 and CW4/4A
6.	Repertory of brick size ranges
7.	Brick sizes at third and second millennium Terqa
8.	Diagram of brick arrangement in ARB CW2
9.	C-14 determinations from third millennium Terqa
10.	Structural development of defensive system
11.	Horizon and phase sequence for defensive system
12.	Concordance of City Wall segments excavated
13.	Comparison of total widths for CW2 and CW3
14.	Comparison of brick sizes in CW483
15.	Third millennium chronology

#### LIST OF FIGURES

- Figure 1. Topographical map of Ashara environs
- Figure 2. Plan of Terqa/Ashara
- Figure 3. Area E, structures of the medieval period
- Figure 4. Area E, sketch of monumental building of the second millennium
- Figure 5. STCA1 living floor
- Figure 6. STCA1 grid and major artifact plan
- Figure 7. Distribution of artifacts by category and findspot
- Figure 8. Area B plan
- Figure 9. Area B, composite section
- Figure 10. Stratigraphic symbols
- Figure 11. MP11, defensive system, southern section
- Figure 12. MP13+, southern section
- Figure 13. MP13+. plan
- Figure 14. MP11, southern section
- Figure 15. MP12, western section
- Figure 16. Major horizons in the development of the defensive system
- Figure 17. Area C, plan
- Figure 18. Area D, plan
- Figure 19. SG17, plan and southern section (schematic)
- Figure 20. Early third millennium bowls
- Figure 21. Early third millennium bowls and bases
- Figure 22. Early third millennium jars
- Figure 23. Early third millennium jars and miscellaneous sherds

#### LIST OF ILLUSTRATIONS

Plate		Illustration
I	1.	Aerial view of Tell Ashara
II	2.	Aerial view of Ashara
	3.	Aerial view of Municipal Park, Ashara
III	4.	- · · · · · · · · · · · · · · · · · · ·
	5.	Aerial view of Tell Ashara, northern portion
IV	6.	Aerial view of Area C and adjacent houses
	7.	Aerial view of Areas A and B
V	8.	Aerial view of Areas B and C
	9.	Areas B and C
VI	10.	Medieval structures, Area G
	11.	Medieval structures, Area G
	12.	Medieval structures, Area E
	13.	Medieval storage pit, Area E
VII	14.	• /
		Detail of laminations in section
		Detail of laminations from top
		SG40, southern section
VIII		Burial of Aramean period with iron dagger
IX	21-24.	
X	25.	
ΧI	26.	.,
	27.	
XII		Archive room: reuse floor and compaction subfloor
		Ili-dumqi's tablet and envelope in situ
XIII	31.	•
XIV	32.	<u> </u>
	33.	
		Yassi-el's tablet in situ
XV	35.	
*****	36.	
XVI	37.	_
XVII	38.	
	39.	•
	40.	Complete epigraphic inventory from archive room

Plate		Illustration
XVIII	41.	Carbonized barley seeds in Puzurum's archive
	42.	Doorway to Puzurum's archive
	43.	Two hearths (?) in Puzurum's archive
XIX	44.	Poster with description of defensive system
	45.	Poster kiosk
XX	46.	Base of inside face of City Wall 1-1A
	47.	Base of inside face of City Walls 1 (?) and 1A
	48.	Sidewall of deep trench
XXI	49-50.	Floors against City Walls 1 (?) and 1A
	51-53.	Floor accumulation against City Wall 1A
XXII	54-55.	Boulder glacis of City Wall 1A
	56.	Base of outside face of City Walls 1 (?) and 1A
XXIII	57-59.	Deposition outside City Wall 1 (?) and 1A
XXIV	60-61.	Base of outside face of City Wall 2
	62.	Base of tower of City Wall 3
XXV	63.	Highest preserved portion of the defensive system
	64.	General view of eastern side of tell
	65.	Unexcavated monumental building
XXVI	66-69.	Moat deposition outside City Wall 3
XXVII	70-71.	City Wall 3 and its moat
	72.	Water table and excavated bottom of moat
XXVIII	73-74.	The latest defensive ring at Terqa
	75.	Early and late defensive rings