L'ARCHITETTURA DELLE CITTÀ UNESCO-Chair SERIES





Belula Tecle-Mischina Asmara, an urban history

Forewords by Lucio Valerio Barbera and Piero Ostilio Rossi



EDIZIONI NUOVA CULTURA

L'ARCHITETTURA DELLE CITTÀ UNESCO-Chair SERIES #1



L'ADC L'architettura delle città. UNESCO-Chair Series The Journal of Scientific Society Ludovico Quaroni

direzione scientifica | managing editors

Lucio Valerio Barbera, Anna Irene Del Monaco, University of Rome Sapienza

comitato scientifico-editoriale | editorial-scientific board

Maria Angelini, University of Pescara Luisa Anversa, Sapienza University of Rome Lucio Valerio Barbera, University of Rome Sapienza Yung Ho Chang, Massachusetts Institute of Technology MIT, Boston Jean-Louis Cohen, New York University NYU, New York Mario Guido Cusmano, University of Florence Stanley Ira Halley, Catholic University of Washington DC Roberto Maestro, University of Florence Paolo Melis, Sapienza University of Rome Ludovico Micara, University of Pescara Giorgio Muratore, Sapienza University of Rome Attilio Petruccioli, Polytechnic of Bari Richard Plunz, Columbia University in the City of New York Vieri Quilici, University of Roma Tre Daniel Sherer, Columbia University in the City of New York / Yale University Daniel Solomon, University of California UCB, Berkeley Paolo Tombesi, University of Melbourne

This volume has been edited and published with contributions from: Dipartimento di Architettura e Progetto, Sapienza Università di Roma; UNESCO Chair in "Sustainable Urban Quality", Sapienza Università di Roma.







Translations: Italian to English by Paul David Blackmore

Copyright © 2014 Edizioni Nuova Cultura - Roma

ISSN: 2281-8731 ISBN: 9788868123543 DOI: 10.4458/3543

Index

7	Forewords
	The City and History by Lucio Valerio Barbera
9	Azmerà, the forest in the bloom by Piero Ostillo Rossi
	Chapter 1
13	1. The Context and history of Asmara area
	1.1 Geographic, Climatic and Hydrographic Conditions
14	1.2 Geo-Cultural and Ethnic Data
	1.3 The Plateau and its Relationship with Neighbouring Countries
19	1.4 Definitions of the Territory of Eritrea
19	1.5 Conflicts and Coexistences between Customary Law and the Italian Administration. The Legal Premises of Urban Development
	Chapter 2
23	2. The birth and development of Asmara city
	2.1 Morphological Elements of the Area and the History of
	Pre-Colonial Settlements in the City
	2.2 Pre-Colonial Settlements on the Plateau of Asmara
29	2.3 Phases of Development of the City of Asmara during the Colonial Era
70	Appendix to Chapter 2
	Chapter 3
73	3. Asmara and the Italian colonial urbanism
	3.1 The Early Development of Italian Asmara (1889 to 1922) and
	its References in Italian (and European) Planning
80	3.2 Asmara and the Planning of Other Italian Colonial Cities
82	3.3 Asmara and Eritrea in the Conception and Political Aspirations of Italy during the Second Colonial Period (Fascism)
84	3.4 Asmara and the Cities of the Pontine Marshes: a comparison

Chapter 4

- 4. The Development of Asmara Against the Backdrop of Political Events in Eritrea in the Wake of the Italian Colonial Period (1941)
 - 4.1 The Principal Political Phases of the former Colony of Eritrea from 1941 to the Present
- 4.2 Asmara during the Ethiopian Period, Unplanned urban expansion and the current dimensions of Asmara
- 90 4.3 Documents on the Urban Development of Asmara after Italian Colonial Planning
- 105 Appendix to Chapter 4

Chapter 5

- 5. The Master Plan by Arturo Mezzèdimi
 - 5.1 Biography of Arturo Mezzèdimi
 - 5.2 The Master Plan by Arturo Mezzèdimi: A Critical Analysis
- 127 5.3 The 1976 Town Plan

Chapter 6

- 6. Studies and Hypotheses for the future of Asmara (1997-05)
 - 6.1 The Urban Development Strategy of 1997-1998. A New Beginning
- 136 6.2 Recent Planning Activities
- 138 Provisional Conclusions

ACKNOWLEDGEMENTS

This book could be published only because some important Institutions and dedicated persons sustained and encouraged me. Without their constant attention to my research, my work on Asmara's urban history could not be undertaken and concluded. First of all I wish to thank professor Lucio Valerio Barbera, Chairholder of the UNESCO Chair in Sustainable Urban Quality and Urban Culture, notably in Africa, who guided me since my first academic studies and, afterwards, during my Doctorate as tutor, spur and severe screener of my work. I am likewise grateful to professor Piero Ostilio Rossi, he also tutor of my research, director of the Department of Architecture and Design (Dipartimento di Architettura e Progetto) of Sapienza, University of Rome and coordinator of the Doctorate when I was received and accepted during my research period. I deeply thank the Department of Urban Development (DUD), Ministry of Public Works (MOPW) State of Eritrea for the access to its indispensable and recent documentation about Asmara's urban development. Likewise I thank IsIAO (Istituto Italiano per l'Africa e l'Oriente) Italian Institute for Africa and East, which generously allowed me to have access to its precious and unique archives. A special gratitude goes to the Mezzèdimi family for the courtesy with which they made available the very rich documentation saved in their professional and private archive regarding the Asmara Plan of Arturo Mezzèdimi. I am deeply grateful to the department of Cooperazione Italiana allo Sviluppo, Italian Ministry of Foreign Affairs (MAE) for the constant support to my academic formation with their scholarships. This book seeks to be a first positive answer to such generous an investment. Moreover I thank the Fondazione Sapienza, University of Rome, and its President, professor Renato Guarini, for the scholarship - year 2010 - expecially addressed to the conclusion of my research. I am very grateful to the UNESCO Chair in Sustainable Urban Quality and Urban Culture, notably in Africa, in which I am presently engaged, for the financial support to the publication of the present book. A special thank, finally, to Anna Irene Del Monaco, for her personal help as Secretary-General and Co-Editor of the UNESCO-Chair Series.

Foreword by Lucio Barbera

The City and History

Like any city, Asmara, a young city even by the standards of young African capitals, is a stage set where the drama of history has unfolded in the most intense and eloquent manner. The territory of Asmara stands at the edge of a space of almost mythical civilisations, ancient religions and proud empires. It is also a natural acropolis in the vastness of Africa, an astoundingly high crest that looks down from above on the coast of the "Eritrean" sea, coming to a halt where the Afar Rift expands and, year after year, rips into the heart of Africa where lions and gnus still roam free. However, in its body, and thus in its history, Asmara is also a fragment of Europe, imported atop the undulating highlands of Hamasien by the presumption of the most fragile and thus most presumptuous of colonial nations: Italy. Less than 130 years later history appears to have intentionally concentrated a host of events, projects, interests, delusions, conflicts and hopes in Asmara that, within the vaster expanses of historical time could have filled dozens of centuries. These metamorphoses were similar to immense waves lapping at a resistant soil, introducing and withdrawing diverse foreign armies, peoples, languages and cultures; and adversities. The results of so much labour have forged the identity of Eritrea, jealously defended for decades, and jealously guarded to this day.

Looking carefully in libraries, among printed works dedicated to particular aspects of this identity – numerous and some very important – it is impossible to find a history of Eritrea that is scientifically complete and up to date. This is a serious shortcoming. Yet everything has remained impressed upon the land and, even more eloquently, on the city, on the face and limbs of Asmara. Hence the reconstruction, like that made by the author of this book, of the difficult process of planning the city signifies not only restoring, similar to an animation, the history of the complex growth of an urban organism. It also reconstructs political objectives, cultural ambitions, the comprehensive sense of the actions and hopes of the those who succeeded one another at the helm of the city's, and the nation's urban administration. An attentive reader cannot help but notice the presence, apparently mute, of the vast chorus of the thousands, the hundreds of thousands of people that make up the physical city, as they construct it, their home, the social organism in which individual hopes and dramas become a collective request.

Belula Tecle Mishgina is a young Eritrean scholar. Born in Asmara she graduated from the Faculty of Architecture at the Sapienza University of Rome. After completing a European Master in architecture, she earned her PhD in Architectural Composition and Design Theory. Her dry prose is that of a skilled researcher. All the same, the text has the flow of a travel diary and is just as involving. Belula Tecle Mishgina's approach to research is passionate, meticulous and inexhaustible. An approach that led her, among other things,

to the discovery of an important, unpublished and forgotten document, a modern plan for Asmara complete in all its details and rich in elements useful to understanding a crucial and yet obscure period in the city's history: the Master Plan by the architect Arturo Mezzèdimi to which a fundamental chapter of this book is dedicated. Asmara, as its passionate scholars of any culture are well aware, is a fascinating city. contrary to the history of its planning, the architecture of Asmara is well-known and sufficiently well published; it constitutes a chapter in the story of early modernism. The studies of Belula Tecle Mishgina will thus be of service to those studying the architecture of Asmara; hence forward they will establish the indispensable urban fabric of reference for the various phases of designing and building this precious cultural inheritance.

Foreword

by Piero Ostilio Rossi

Azmerà, the forest in the bloom

Lucio Barbera was tutor to Belula Tecle Misghina during the drafting of her Doctoral thesis on which this book is based (along with me, but he was much more active and involved), and he points out that there is a sliver of Europe in the history of Asmara, during the fifty years of Italian occupation (1890-1941) and ten years of British rule (1941-1952), a fragment that managed to come to terms with the complex realities of the region, with its several ethnic groups, its various languages and different cultures.

Italy and Eritrea were geographically far apart until November 17, 1869, when the opening of the Suez Canal made the Red Sea, the Strait of Bab el-Mandib (at a width of 30 km, it divides Africa from Asia) and the Gulf of Aden within reach of a few days sailing, thanks to technological advances in steamship design over the previous thirty years, which allowed ships to open commercial and passengers routes throughout the world's seas.

The first edition of the Italian Guide to East Africa, published in 1938 by the CTI –the Touring Club Italiano had that very year Italianised its name to Consociazione Turistica Italiana –, opens with a handy map on which Italy, Libya and the Horn of Africa are physically shown as close and companionable, with maritime routes joining them together. At the end of the Thirties, from Naples to Massawa (the 'Port of Empire', since 1890 an important commercial base and natural access point for anyone wishing to reach Asmara and the Eritrean uplands), the voyage took five days; from the port one could reach the capital of the Colony by train, on an intrepid mountain railway, or by a motor road, Road n° 1 from Dogali – Asmara was only 120 km away. If one wanted to make the journey by air, it took three and a half days, thanks to the 'Empire Line', which involved taking a seaplane from the Carlo Del Prete base in Ostia to Benghazi in Libya, and then a plane to the Umberto Maddalena Airport in Asmara, with stops at Cairo, Wadi Haifa, Khartoum and Càssala, on the Sudanese border.

And right next door to the Airport stood the Teleferica Massawa-Asmara, an extraordinary cableway for transporting goods up on to the plateau, at a height difference of 2,326 metres; the cableway had been built in two years, between 1935 and 1937, and at a length of 75 km, was the longest industrial cableway system in the world. It could move in one day the equivalent of thirty train loads, but it was at its full operational capacity for only a few years: in 1941 it was damaged in the war with the British, and ten years later, when Eritrea became a British Protectorate, it was unexpectedly decided to dismantle it.

So there was not just Italy in that sliver of Europe present in Asmara. In fact, Belula Tecle Misghina's valuable study not only examines the various stages of Italian presence in the city, but also looks at the English occupation that lasted until 1952; then came the federation with Ethiopia (1952-1962) followed by the annexation to Ethiopia and the war of liberation which ended in independence for Eritrea in 1991, with Asmara as the capital of the new country. These events act as a backdrop and form a solid framework for Tecle Misghina's research – which is not only meticulous but emotionally involved – of which

this book is a well-documented summary. Her research is important in that it reconfigures and puts in order various documents, both known and unpublished, in order to build up a chronology and an armoury of references that are indispensable for anyone wishing to carry out further studies on the Eritrean capital. For a project developed within a Doctoral programme, this is, in my opinion, the most important outcome of her research.

Index of names

```
Ahmed Al-Ghazali (called Ahmed Gragn) sultan: 28 (1t).
Alpago-Novello, Alberto: 59 (1t), 78 (2f).
Alula Engid ras (title of nobility): 24 (1f), 26 (1f), 29 (3t), 31 (1t), 38 (1t), 46 (1t), 108 (1t, 1n).
Bahta Hagos dejazmach (title of nobility): 20 (2t), 21 (1t), 30 (1t), 42 (1t).
Baldissera, Antonio: 31 (1n), 37 (1t).
Baratieri, Oreste: 21 (1t), 30 (4t).
Barrera, Giulia: 38 (2n), 46 (1n), 65 (1n), 85 (2n).
Berhanu Hagos: 29 (1t).
Bottai, Giuseppe: 83 (1n).
Cabiati, Ottavio: 59 (1t), 78 (2f).
Cafiero, Vittorio: 51 (1t), 58 (3t), 59 (6t), 62 (1f), 65 (4t), 66 (5t), 67 (5t), 68 (3t), 76 (1f), 80 (1t), 84 (1t), 86
(1t), 89 (1f), 90 (1f), 93 (1t), 94 (1f), 101 (6t), 103 (3t), 104 (1t), 109 (1t), 115 (3t), 120 (1t), 121 (1n), 124
(1t), 134 (1t).
Cavagnari, Odoardo: 37 (1t), 43 (5t), 44 (3t), 46 (3t), 47 (3t), 48 (1f), 50 (3t), 51 (4t, 1n), 52 (1f), 55 (2t), 59 (1t),
64 (1f), 65 (1t), 66 (2t), 80 (2t), 101 (2t), 115 (1t).
Cerreti, Claudio: 46 (1n), 65 (1n).
Cerrina Feroni, Giovanni: 50 (1t).
Checchi, Michele (Pico): 43 (2t, 1n), 45 (2f).
Cherubi, Michele: 37 (1t), 42 (1t), 44 (1f).
Crispi, Francesco: 20 (1t).
Daodiace, Giuseppe: 67 (1t), 70 (1n).
De Feo, Vincenzo: 59 (3t).
De Martino, Giacomo: 54 (1t).
Denison, Edward: 36 (1n), 50 (1n), 54 (1n), 58 (1n), 87 (1n).
Dirar Uoldelul Chelati: 14 (1n).
Ferrazza, Guido: 58 (1t), 59 (2t), 64 (1f), 67 (2t), 78 (3f), 79 (1f), 81 (2t), 93 (1n), 101 (1n), 103 (1t).
Franchetti, Leopoldo: 30 (1t).
Gandolfi, Antonio: 30 (2t).
Gasparini, Jacopo: 54 (1t).
Gresleri, Giuliano: 36 (2n), 38 (1n), 55 (1n), 58 (2n), 59 (2n), 82 (2n).
Guang Yu Ren: 36 (1n), 50 (1n), 54 (1n), 58 (1n), 87 (1n).
Hailè Sellassiè (Tafari Makonnen Woldemikael) negus neghesti (title of nobility): 71 (1ap), 85 (1t), 86 (4t), 87 (1t),
89 (5n), 107 (5t), 108 (1t), 114 (1t), 124 (2t), 127 (1t), 130 (1t)
Ildefons, Cerdà i Sunyer: 47 (1t), 75 (1f), 80 (1t).
Killion, Tom: 28 (2n), 54 (1n), 87 (1n), 105 (1ap).
Kitchener, Horatio Herbert lord: 67 (1t), 76 (2f), 103 (2t), 124 (1t).
L'Enfant, Pierre Charles: 75 (1f).
Lo Sardo, Eugenio: 82 (1n), 84 (2n).
Mahfuz, governor of Zeila: 15 (2n).
Makeda, queen of Sheba (Saba): 28 (1n).
Martini, Ferdinando: 37 (3t), 38 (2t), 43 (1n), 80 (1t), 81 (1t), 82 (2t).
Massaretti, Pier Giorgio: 36 (1n), 38 (1n), 55 (1n), 58 (1n), 59 (1n), 82 (1n).
Mazzei (name not available): 37 (1t), 39 (1t).
Mebrahtu Abrham: 36 (1n).
Medhanie Estifanos: 102 (1n).
Menelik I, emperor: 28 (1n).
Mengistu Hailè Mariam: 86 (2t), 87 (1t).
Mezzèdimi, Arturo: 51 (1t), 89 (1t), 92 (2t), 93 (1t), 102 (1t), 107 (9t), 108 (11t, 1n), 109 (8t, 1n), 114 (6t), 115
(8t), 120 (3t, 3n), 121 (3t), 124 (7t), 127 (4t, 1n), 130 (7t), 132 (2t), 133 (1t), 134 (2t), 137 (3t).
Naigzy Gebremedhin: 36 (1n), 50 (1n), 54 (1n), 58 (1n), 87 (1n).
Onnis Eleonora: 26 (2n).
```

Oriolo, Leonardo: 30 (1n), 36 (3n), 43 (1n), 82 (1n), 88 (1n), 102 (1n).

Piacentini, Marcello: 82 (4t), 84 (1t). Poggi, Giuseppe: 74 (3t), 75 (1f).

Rufillo, Perini: 20 (1n).

Salomon, king of Israel: 28 (1n).

Salvago Raggi, Giuseppe: 37 (1t), 43 (1t), 50 (1t), 54 (1t).

Santoianni, Vittorio: 83 (4n). Semplici, Andrea: 14 (1n), 21 (1n).

Terruzzi, Attilio: 58 (1t).

Thermes (name not available): 37 (1t), 39 (1t).

Triulzi, Alessandro: 38 (1n), 46 (1n), 65 (1n), 85 (1n).

Tzeggai Gabriel: 38 (1n), 46 (1n), 65 (1n), 85 (1n).

Victor Emmanuel III, king: 58 (1t). Yohannes IV, emperor: 105 (1ap).

Zagnoni, Stefano: 36 (1n), 38 (2n), 54 (1t), 55 (2n), 58 (1n), 59 (1n), 82 (1n).

KEY

t: cited in text n: cited in footnote f: cited in figures ap: cited in appendix