

# Nomads of Mauritania

**Brigitte HIMPAN**

and

**Diane HIMPAN-SABATIER**

Series in Anthropology



**VERNON PRESS**

Copyright © 2019 Brigitte Himpan and Diane Himpan-Sabatier.

[www.vernonpress.com](http://www.vernonpress.com)

*In the Americas:*  
Vernon Press  
1000 N West Street,  
Suite 1200, Wilmington,  
Delaware 19801  
United States

*In the rest of the world:*  
Vernon Press  
C/Sancti Spiritu 17,  
Malaga, 29006  
Spain

Series in Anthropology.

Library of Congress Control Number: 2018948068 ISBN: 978-1-62273-410-8

Product and company names mentioned in this work are the trademarks of their respective owners. While every care has been taken in preparing this work, neither the authors nor Vernon Art and Science Inc. may be held responsible for any loss or damage caused or alleged to be caused directly or indirectly by the information contained in it.

Every effort has been made to trace all copyright holders, but if any have been inadvertently overlooked the publisher will be pleased to include any necessary credits in any subsequent reprint or edition.

Original edition in French: Copyright © 2013 Brigitte Himpan and Diane Himpan-Sabatier.

All rights reserved. No part of this book, including the text, photographs, maps, drawings, cover design, can be reproduced or transmitted in any form or by any means, except with the prior written permission of Diane HIMPAN-SABATIER. Postal address: B24, KHB Colony, Vidyanagar, 571201, Madikeri, Kodagu district, Karnataka, India. Email address: [diyanindia@yahoo.com](mailto:diyanindia@yahoo.com).

Despite the care brought to the completion of this book, we would be grateful for your feedback and suggestions to be sent to the above email address.

*Photograph on the front cover:* A Mauritanian woman crushing millet (© Brigitte Himpan, Mauritania, 1981).

*Photograph on the back cover:* A date palm (© Diane Himpan-Sabatier, 1993).

“ *Nomads of Mauritania* is a special collaborative work between an artist and a researcher that describes the lives of nomadic people in Mauritania. The authors explore the intersection of culture, nomadic life, art, and climate in the lives of these nomads. Their exploration illuminates the complexity of these factors and how they shape the everyday life and ephemeral artistic activities of the nomads. The authors’ insights have broader implications for climate change and identity well beyond this nomadic group in extinction. ”

**Prof. Dr. Thomas D. Hall,**

Emeritus Professor, Department of Sociology & Anthropology,  
DePauw University, USA.

“ An outline and overview of Mauritania, its environment, history, and ways of living, as well as the visual and material culture of its nomadic peoples. It can serve as an introduction for students and others wishing to explore these topics in critically focused, in-depth studies. ”

**Prof. Dr. Henry John Drewal,**

Evjue-Bascom Professor of Art History and Afro-American Studies,  
University of Wisconsin-Madison, USA.

“ *Nomads of Mauritania* re-conceptualizes the idea of the Mauritanian nomads’ geographical environment, characterized by its desertification. It addresses the Mauritanians’s way of life (nomadism), their culture and customs. Moreover, not only it reflects the current situation of the large majority of Mauritanians today, but also it captures the experience in writing of a fast growing number of individuals belonging to migrant communities in other parts of the Maghreb. One of the main objectives of *Nomads of Mauritania* is to develop the new theoretical concept of *strategic nomadism*. In other words, it invites the reader to re-think the stereotypes of the “nomad” and “nomadism” in the present day and age. It approaches the phenomenon of nomadism from the theoretical perspective of intercultural and postcolonial studies. Therefore, *Nomads of Mauritania* will give its readers a new viewpoint of the different methodological schools and theories undertaken by the major scholars in the field of migration, as well as validating modern research orientations to the intercultural relationships between Maghrebian countries and beyond. ”

**Prof. Dr. Cristián H. Ricci,**

Professor of Iberian and North African Literatures,  
University of California, Merced, USA ;  
Director of the Education Abroad Program Chile-Argentina of California University.

*“ Nomads of Mauritania deals with the cultural identity as well as the future of the Mauritanian nomads. It highlights their history considering climate change, the importance and cultural ramifications of what the authors describe as their “geometrical-abstract art” in everyday life, and their future. This interdisciplinary study is at the same time erudite, extremely instructive, well-documented, comprehensive, and easy-to-read. It should be applauded for its clarity, carefully drawn maps and beautiful illustrations. This fascinating essay will appeal to a wide range of people: generalists and specialists as well as students interested in the nomads of Mauritania. ”*

**Dr. Thérèse De Raedt,**

Associate Professor of French, Department of World Languages and Cultures,  
University of Utah, USA.

*“ Adopting an interdisciplinary approach that combines art history, cultural studies, geography, ethnography and history, *Nomads of Mauritania* offers a rare window through which to see the complex world of the heterogenous nomads inhabiting the southern edge of the Sahara Desert that is today’s Mauritania. The author Brigitte Himpan and editor Diane Himpan-Sabatier have weaved a multilayered scholarship that illuminates the identity, lifestyle, moral and spiritual values, creative arts, cultural and environmental constraints and prospects that define the nomads of Mauritania. By exploring the peoples and an area often at the margins of academic studies on West Africa, this book breaks new ground by threading a path frequently bypassed. ”*

**Dr. Tamba E. M’bayo,**

Associate Professor of History, Department of History,  
West Virginia University, USA.

*“ *Nomads of Mauritania* is a thoroughly researched, comprehensive treatment of a complex sociocultural milieu. It acquaints readers with an extraordinary range of observations and reflections on dwellers in a unique part of our ecumene. While not for the casual reader, it provides an extraordinary panoramic view of a dynamic region and its innovative inhabitants. *Nomads of Mauritania* will alter misperceptions about the Sahel, acquainting its readers with its kaleidoscopic vibrancy. ”*

**Dr. David Henry Anthony III,**

Associate Professor of History, History Department, Division of Humanities,  
University of California Santa Cruz, USA.

# Acknowledgments

To the memory of our late father and grandfather, Professor Doctor Joseph Mansuet HIMPAN (1909-1990), University Professor, Doctor in Sciences, Engineer Graduate, Scientist in Physics, Thermodynamics and Chemistry, Author of numerous scientific research, articles, theories and formulas, who remains a model and a source of inspiration, knowledge, thoughts, reflections, wisdom, philosophy and who always supported us in the most difficult times of life;

To Professor Doctor Mohamed Mahmoud OULD MAH, University Professor, Doctor in Economy, first elected Mayor of Nouakchott, Founding Chairman of the Mauritanian political party UPSD, and Misses Annie OULD MAH, graduated with a Master's degree in German language, for their inestimable information, analyses and contacts and their warm welcomes in Mauritania;

To Professor Doctor Franck POPPER, Historian in Art and Technology, Emeritus Professor of the Department of Fine Arts at the University of Paris VIII;

To Professor Doctor Olivier REVAULT D'ALLONNES (1923-2009), University Professor, Doctor in Arts and Philosopher, to have guided me as regards the philosophical aspect of the art in the completion of the post-graduate pre-PhD thesis, which is part of this book;

To University Professor of Paris VIII, Marcel B. KESSET, for his precious advice on the elaboration of the Master's thesis, the main source of this present book;

To Misses Zahra MINT MAH, holder of a Bachelor in Sciences and a Master in Business Administration, especially for her assistance and sensitivity; as well as to Mister Prakash BHAT M.G. for his support;

To Mister Patrick RYCKAERT, Coordinator and Manager of the Management Unit of the European Union Programme for the civil Society and Culture (PESCC), and Misses Émilie DROIN for their invaluable information on the Mauritanian crafts;

To Mister Mohamed Salem BOUKREISS, Coordinator of the Project “Prevention of Conflicts and Intercultural Dialogue” for his efforts and availability in searching information about the Mauritanian nomads of the 21<sup>st</sup> century;

To all Mauritanian parents and friends, who gave us useful information and necessary rectifications, particularly: Mister Mohamed OULD KHNAFER, Misses Baba MINT HAMZA, Mister Moctar OULD Mohamed ABDALLAHI.

# TABLE OF CONTENTS

<b>Maps of Africa and Mauritania.....</b>	<b>1</b>
<b>FOREWORDS .....</b>	<b>3</b>
<b>INTRODUCTION .....</b>	<b>7</b>
<i>Chapter 1:.....</i>	<i>11</i>
<b>GEOGRAPHY OF MAURITANIA.....</b>	<b>11</b>
1. Geographical situation .....	11
2. Climates .....	13
3. Relief and landscapes.....	18
4. Hydrography.....	20
5. Vegetation.....	23
6. Population.....	25
7. Mineral wealth .....	27
8. Wealth of the sea.....	35
9. Fauna.....	36
10. Desertification of the Sahara and Mauritania .....	41
<i>Chapter 2:.....</i>	<i>59</i>
<b>HISTORY OF MAURITANIA.....</b>	<b>59</b>
<b>A. Mauritania at the time of Prehistory .....</b>	<b>61</b>
<b>B. The ancient inhabitants of Mauritania .....</b>	<b>72</b>
<b>C. The second wave of Berbers of Arab origin .....</b>	<b>90</b>
<b>D. Mauritania in Antiquity .....</b>	<b>94</b>
<b>E. The advent of Arabs and Islam in North Africa and Mauritania from the 7<sup>th</sup> century .....</b>	<b>101</b>
<b>F. The blossoming of African powers in the south of Mauritania from the 13<sup>th</sup> century and the advent of the European maritime trade .....</b>	<b>119</b>
<b>G. The control and protection of the entire Mauritanian territory by the Moors from the 17<sup>th</sup> century .....</b>	<b>128</b>
<b>H. The colonization stages of Mauritania .....</b>	<b>133</b>
<b>I. Mauritania since its independence.....</b>	<b>154</b>

*Chapter 3:* ..... 163  
**NOMADISM: THE MAURITANIAN NOMADS' WAY OF LIFE.** 163  
**A. The factors leading to the appearance of nomadism.....** 163  
**B. Nomadism and occupations of the Moors .....** 165  
**C. Nomadism and the social organization of nomads .....** 174  
**D. Nomadism and the daily life of nomads.....** 179  
**E. Nomadism and the cultural and religious impacts  
of the Moorish nomads.....** 181

*Chapter 4:* ..... 183  
**SOCIETY OF CASTES AMONG THE NOMADS .....** 183  
**A. Hierarchy and activity of the castes among the nomads  
before 1981 .....** 185  
**B. The nomads and the current Mauritanian society .....** 196

*Chapter 5:* ..... 203  
**NUTRITIONAL PREOCCUPATIONS OF THE NOMADS.....** 203  
1. Movements of the nomads ..... 203  
2. Water: the best friend of the nomad..... 205  
3. The wells and transport of water..... 207  
4. Livestock ..... 210  
5. Milk..... 217  
6. Butter ..... 220  
7. Dates..... 221  
8. The sacrifice of animals..... 224  
9. Hunting..... 227  
10. Cereals: a nutritional complement ..... 234  
11. Salt: in the heart of the trade-based caravan economy ..... 236

*Chapter 6:* ..... 239  
**MATERIAL PREOCCUPATIONS OF THE NOMADS .....** 239  
**A. The tent or *khaima*.....** 239  
**B. The mat.....** 262



---

<i>Chapter 7:</i> .....	269
<b>CRAFTS OF THE NOMADS</b> .....	269
<b>A. Crafts of leather</b> .....	269
<b>B. Crafts of wood</b> .....	282
<b>C. Crafts of terracotta</b> .....	291
<b>D. Crafts of metal</b> .....	294
<b>E. Crafts of textile</b> .....	297
<b>F. The Mauritanian crafts of today</b> .....	300
<i>Chapter 8:</i> .....	317
<b>CULTURAL IDENTITY OF THE MAURITANIAN NOMADS</b> .....	317
<b>A. About cultural identity</b> .....	318
<b>B. Islam rooted in the nomads’ customs</b> .....	321
<b>C. Predominance of the Hassaniya language</b> .....	331
<b>D. Values of the Moorish nomads and their relations with the others</b> ..	336
<b>E. The ephemeral usual art and ephemeral living art:         materialized arts of the Mauritanian nomads</b> .....	344
<i>Chapter 9:</i> .....	385
<b>WHAT HAS BECOME OF THE MAURITANIAN NOMADS?</b> .....	385
<b>A. The nomads becoming extinct</b> .....	385
<b>B. Nomads still moving nomadically</b> .....	391
<b>C. Detailed characteristics of the nomads</b> .....	418
<b>D. The anchoring of the nomads in the heart         of the Mauritanian society</b> .....	434
<b>CONCLUSION</b> .....	445
<b>LEXICOLOGY</b> .....	451
<b>BIBLIOGRAPHY</b> .....	497
<b>About the Authors</b> .....	525
<b>Index</b> .....	527



# Maps of Africa and Mauritania



Map 1: Mauritania within the African continent in 2014  
(© Diane Himpan-Sabatier, 2013)



Map 2: Mauritania and its administrative regions  
 (© Diane Himpan-Sabatier, 2013)

# Fore Words

“ *Nomads of Mauritania* is remarkable for its depth, breadth, and penetration into the inner world of nomadic society. The authors, Brigitte Himpan and Diane Himpan-Sabatier, provide the reader with detailed geographical and historical context—essentially the stage on which the social drama unfolds. Natural resources are described, their social relevance discussed, and the consequences of environmental change explored.

The authors’ historical analysis of Mauritania is equally ambitious—extending from the Paleolithic, through documented arrivals, external relationships, and political history to the present in a continuum of cause and effect.

The reader is then led into the lives of Mauritanian nomads, with a level of detail that is both welcome and overwhelming. The structure and complexity of society are examined, including consideration of caste and hierarchy; folkways and mores are explored; diet and material culture are described; and the composition and management of herds is discussed, as well as the role of Mauritanian nomads in the trans-Saharan trade.

The treatment of nomadic arts and crafts includes practical considerations, social meaning, and spiritual significance. The lives of Mauritanian nomads are then projected into the future.

The authors have arguably produced the most comprehensive, substantive, and accessible treatment of Mauritanian nomads ever to grace the literature. “

**Prof. Dr. Jeffrey A. Gritzner,**  
Emeritus Professor, Department of Geography,  
University of Montana, USA ;  
Director, The Earth Restoration Project.

“ *M*auritania is a country situated at the top of West Africa and a gateway into North Africa; it sprawls the Sahara Desert and flanks the Atlantic Ocean. Rather than dismiss this part of the world as a dormant desert devoid of life, the authors detail amazing histories, arts, cultures, quotidian life, and environmental issues. After accompanying her mother Brigitte Himpan during research, daughter Diane Himpan-Sabatier then began her own Mauritanian research projects. Thus, two generations of scholarship have produced a French edition and this English edition.

Writings about Mauritania are not easily accessible or available for an English reading audience. There lie not one, but two language barriers: both French and Arabic, as well as indigenous languages.

The authors do not treat Mauritania as an isolated nation-state, nor do they broadly generalize it as monolithically Islamic. With delicate nuance, they critically contextualize Mauritania within the continent of Africa, delineate ties to Europe including ancient Greece, and trace religious and migratory relationships with the Middle East and India. We understand by the end of the book that Mauritania’s multi-regional and intercontinental ties contribute to and impact important arts and histories of the Roman Empire, Persian Empire, Ghana Empire, Mali Empire, Moorish eras, and a multi-faceted Islamicization.

Throughout these histories, the book traces how ancient nomadic life began and why contemporary nomadism is in decline. Before nomadic life commenced and prior to desertification, a variety of wild animals existed and many examples of petroglyphs were painted. As climate issues have grown, major droughts in the second half of the twentieth century led to urbanization and a decrease in nomadic life.

The arts relate to so many surrounding areas in Africa. Women weave wool for the tents, create henna body adornment, and perform hairdressing. Leatherwork and calabash design are important. Pre-Islamic practices revolve around the evil eye and djenoun spirits. Artistic motifs or patterns such as the representation of the “eye of the source” are examples of a graphic communication system gathered by the authors. While the complexity of Mauritanian nomadic identity is carefully detailed, the interdisciplinary project remains specific in time and across regions of Mauritania. “

**Dr. Andrea E. Frohne,**

Associate Professor of African Art History,  
Ohio University, USA.

“ When I met Brigitte Himpan, Artist Painter, at the beginning of the 1980s, the author of *Nomads of Mauritania* often repeated to me that she was "a citizen of the world". An expression, about which I have thought for a long time. I was travelling for the first time outside my country and still saturated by the notions of homeland as well as cultural and geographical borders notably and unable to grasp its scope.

Afterward, I understood what the author meant, the one who has never recognized the geographical boundaries and partitions between the cultures and civilizations.

For her, to be "citizen of the world" is the expression of a will to go beyond these obstacles and borders to meet other men and women, to communicate, interact and enter into a dialogue with them in view of discovering what all share in common.

"Citizen of the world" was neither a simple play on words, nor a fashionable expression at that time; moreover, the "globalization" did not gain ground yet. To be citizen of the world is rather a lifestyle, a cultural and human attitude intended to go beyond all that can divide the human beings to discover all that can unite them; to shed prejudices, stereotypes and biases, which limit the human interaction and communication; to realize that all men and women belong to humanity, independently of their religion, culture, faiths and orientations.

With this in mind, Brigitte Himpan and Diane Himpan-Sabatier undertook their study dedicated to the nomads of Mauritania with a demeanour, which has differed in more than one way from that of many other anthropologists. In fact, in this research, the nomads are not treated as an "object of study" or "anthropological material" picked up from a museum to undergo the analyses of specialists. Quite the opposite, the authors, thanks to their humanist and universal vision, have considered these nomads as "actors" capable of being at the origin of a culture, managing and regulating their environment, creating their production tools and applying their artistic action on it.

Hence, the authors rather chose to lead an investigative work on the spot, to live among nomads over recurrent periods from 1981 until 1992, to become imbued with their society and to share their everyday life, which helped them to define well the themes of their research and the methods of data processing and analysis. They interviewed leaders and wise men, as well as craftsmen, domestic people and fishermen, who explained each their role in the Bedouin stratified society and showed how the values, beliefs, art and crafts coexist in harmony there.

They managed to make the nomads of Mauritania the contributors to the formation of the vision, which brings this book; therefore, their success to offer us a relevant and comprehensive definition of the culture of the Mauritanian nomads as a lifestyle and a set of faiths, practices, customs, values and artistic expression.

In addition, during all the stages of the research, as well as in its methodology and protocol, the authors have showed their profound respect for the nomads of Mauritania and their lifestyle. Even more significantly, they present the specific art and way of life of this community without any haughty look and any comparison susceptible to reduce its value.

They offer a model of much better universalism than the one, which the "globalization" offers us today. As far as they put the values of their scientific and intellectual speech into practice, contrary to the current globalization, which distinguishes itself by the conflict between its speech and the policies and measures, adopted on its behalf.

I witnessed the gestation of this work since it was just in its research stage for the completion of the Master's degree in Fine Arts and the post-graduate pre-PhD thesis in Philosophy of Art and Culture of Brigitte Himpan. I am very happy to see them gathered in *Nomads of Mauritania*, which I consider that surely, it will enrich the vision of those who will read it. "

**Dr. Abdel Aleem Mohamed,**

Advisor and Researcher in Al-Ahram Centre  
of Political and Strategic Studies, Egypt;

Political Expert and Analyst in Palestinian and Israeli Affairs  
and Editorial writer to the daily newspaper Al-Ahram.



# Introduction

Just a few decades ago, the great majority of Mauritians were still nomads, living and moving in the Saharan desert. Studying their culture (environment, history, way of life, social system, crafts and arts) has represented a huge enterprise, out of which we selected the main essential aspects, taken from two academic dissertations by the author, Brigitte HIMPAN:

- *La Vie quotidienne des nomades mauritaniens à travers leurs objets usuels* (translation: The everyday Life of the Mauritanian Nomads through their usual Objects), Master's thesis in Fine Arts, University of Paris VIII, France, 1983;
- *L'Identité culturelle des nomades mauritaniens* (translation: The Cultural Identity of the Mauritanian Nomads), post-graduate pre-PhD thesis in Philosophy of Art and Culture, University of Panthéon-Sorbonne Paris 1, France, 1986.

The information contained in these two dissertations has been updated, deepened and in some way completed by new unpublished points of view about the culture of the Mauritanian nomads; thus, giving rise to the present book, *Nomads of Mauritania*.

This book, *Nomads of Mauritania*, is intended for everybody, having a passion for the nomads' way of life in the Saharan desert or particularly interested in knowing the culture of the Mauritanian nomads. The students and researchers in art or history of West Africa will also find judicious analyses and points of view, regarding the understanding of not only the history and desertification of Mauritania, but also the Mauritanian nomads' materially expressed art, which we have called and defined as the « *ephemeral usual art* » and « *ephemeral living art* ».

The culture as a whole can be defined as the sum of all material and ideological phenomena, which characterize an ethnic group, a nation, a civilization. Man fits in within a space (geography) and a time (history). The material phenomena are essentially based on geographical factors: the knowledge about the environment, the adaptation to it and the availability of the resources present in nature; while the ideological parameters are mainly founded on history.

The experience, relations with the others, influences of the others or on the others and consequently the religion, spiritual values and social organization arise from the history. At first sight, the environment shapes the way of life, housing, diet, clothing and objects for instance, whereas the history influences the beliefs and values in particular. In fact, these two material and immaterial phenomena interact between each other and together; they affect the human community, here the Mauritanian nomads; these inseparable phenomena refine their beliefs and ways of life, thinking and acting, thus defining their culture, which has become specific and unique.

Therefore, we have deepened our study into the following aspects of the Mauritanian nomads' culture, which are linked to their everyday life:

- their way of life - nomadism - and housing;
- their social traditions: hierarchical organization into castes;
- their food habits in the desert;
- their crafts made of leather, wood, terracotta, metal or textile;
- their language: Hassaniya;
- their religious beliefs: the different Muslim currents and ancestral beliefs;
- their moral and spiritual values;
- and their art, expressed on the usual objects and called « *ephemeral usual art* », or directly expressed on the body and named « *ephemeral living art* ».

These cultural aspects are strongly linked to the study of the geography and history of the Mauritanian nomads; therefore, we feel necessary to present you first of all their geographical environment, characterized by its desertification and an original and unpublished history of their country, Mauritania.

The presentation of the Mauritanian nomads' environment and the explanations about the advent of the climatic phenomenon of desertification allow for a realization of their way of life over time and within their space, their nutritional preoccupations and crafts.

The history of Mauritania since Prehistory up to nowadays is necessary to understand:

- the progressive stages of populating the country;
- the origins and present cohabitation of different ethnic communities, their cultural and religious influences and contributions;

- the predominance of an Arabic dialect: Hassaniya;
- the Mauritanian nomads' values.

However, true to oral tradition, the Mauritanian nomads used to live in tribes and within emirates from ancient times, thus explaining the absence of a commune history of the country clearly recorded.

Therefore, the history of Mauritania, hereafter proposed, is an original presentation, based on the studies of different empires, kingdoms and ethnic groups, directly or indirectly in link with Mauritania, from documents and research of historians and explorers. These historical and social data were put into relation with studies, carried out by scientists and concerning the evolution of the global climate at certain times, which had acted upon the history of the inhabitants of Mauritania and the different ethnic groups who settled down in this country.

The geographical space and history of the Mauritanian nomads enlighten us about their social organization into castes, still rooted in the Mauritanian society nowadays.

As for their *ephemeral usual art*, and by the same, their *ephemeral living art*, integral parts of their cultural identity, the different chapters of this book bring some elements of answers to questions, which may be asked about their art:

- nomadism: why are the usual objects the support of art?
- the material preoccupations and crafts: on what type of objects is the art revealed?
- the geography of the country, nomadism and nutritional preoccupations: through what materials is the art expressed?
- the social hierarchical organization: by whom is the art created and who is the ordering customer?
- the history: how is the *ephemeral usual art* expressed?

Once these outlines about the *ephemeral usual art* are broadly understood, the analysis of its aesthetic manifestation, in relation with the entirety of the Mauritanian nomads' culture, leads us to define the characteristics of the Mauritanian nomadic art more precisely:

- its artistic tendency;
- the perspective;
- the dimension;
- the suggested ideas and values;
- the meanings of some patterns and whole designs.

The characteristics of the *ephemeral usual art*, which we explain in detail, aim at enlightening you on the Mauritanian nomads' art firstly, and secondly at making you understand to which extent, this art reveals their deep cultural identity, and even their collective unconscious.

Further, what is the future prospect of the *ephemeral usual art* today in Mauritania? Insofar as the Mauritanian nomads' art was born in the heart of their way of life, nomadism.

Moreover, facing the global climatic change and the economic and cultural globalization of societies, what has become of the nomads of Mauritania today, and particularly the chiefs of camps and their tribes? Do they have the same social composition as before the independence of the country? In addition, what is their (demographic, cultural and political) weight within the Mauritanian society?

The study of the Mauritanian nomads' culture was possible through not only the bibliographic documents and references cited hereinafter, but also necessary investigations, which were conducted on the spot in Mauritania in 1981 and until 1992, directly within the traditional framework of the nomadic camp's life. The dialogues and contacts with warriors-chiefs, marabouts, griots, artisans, fishermen and *harratins* allowed us to discern their values and roles, which each holds within the Mauritanian nomadic community, and to study the way of life, crafts and art of the Mauritanian nomads through their stories, testimonies and activities.

This book is divided into chapters, each of which contains its references numbered and detailed at the bottom of pages. The bibliography contains all references of the text as well as additional documents for further reading. The words in italics in the main text are defined in the "Lexicology" part, except some Latin and Greek words and words in italics present in the references; while the expressions in both quotation marks (« ») and italics are appropriate to the authors. Besides, the years, without any specification or carrying the sign "+", are understood A.D.; whereas years carrying the sign "-" are heard B.C.

Finally, we hope that the curiosity to know more about the life of the Mauritanian nomads in the Saharan desert will also give you another sight over the Western sedentary life and our current relationship with the environment.

PAGES MISSING  
FROM THIS FREE SAMPLE

# Bibliography

## Books, articles:

- **ABOU SALL** Ibrahima, *Mauritanie du Sud : Conquêtes et Administration coloniales françaises 1890-1945*, Karthala, 2007.
- **ABOU SALL** Ibrahima, *Les Relations entre le Fuuta Tooro et l'émirat du Brakna (Moyenne Vallée du Sénégal) - Un terreau du colonialisme français (1850-1903)*, L'Harmattan, 2013.
- **ABUN-NASR** Jamil M., *A History of the Maghreb in the Islamic Period*, Cambridge University Press, 1987.
- **ACAPS**, *Disaster Needs Overview - Food Security crisis - Mauritania*, 2012.
- **ACHILLI** Alessandro *et al.*, "Saami and Berbers: an unexpected mitochondrial DNA Link", *American Journal of Human Genetics*, volume 76(5), May 2005, pp. 883-886, DOI 101086/430073.
- **ADORNO** Théodore W., *Théorie esthétique*, translated by M. Jimenez and E. Kouffholz, Klincksieck, 1982.
- **Advisory Committee on Human Radiation Experiments**, *Final report*, 1995, USA, Washington D.C., US Government Printing Office.
- **Agence mauritanienne d'information**, "Atelier de présentation des résultats définitifs du recensement général de la population et de l'habitat (RGPH-2013)", article, 20 May 2015, website of Agence mauritanienne d'information.
- **Agreements of Madrid** signed on 14 November 1975.
- **Agrhymet regional Centre**, *Situation de la décade du 21 au 31 août 2015*, briefing-summary, 3 Septembre 2015.
- **AJAYI** J.F.A., Research Director and Professor, *Histoire de l'Afrique - Le XIX<sup>e</sup> siècle jusque vers les années 1880*, volume 6, Unesco, 1996.
- **AL BAKRI** Abu Ubayd (~1014-1094), Muslim Geographer, Historian and Writer, *Kitāb al masālik wa al mamālik* (translation: Book of Routes and Realms), completed in 1068, one of the main sources on the Ghana Empire, Almoravids and trans-Saharan trade.
- **AL GURAB** Sa'd, *Ibn Arafā et le Malikisme en Ifriqiya au VIII-XIV<sup>e</sup> siècle*, Paris 3, Études arabo-islamiques, 1984.
- **AL IDRISSE** Mohamed (1099-towards 1165), Geographer, Cartographer, Egyptologist, Historian of Arab origin, born in

- Ceuta and died in Sicily, *Kitab nuzhat al mushtaq fi khtiraq al afaq* (translation: The Book about pleasant Journeys in distant regions).
- **AL KISY** Omran, *La Pensée arabe (Al Fikra al Arabi)*, no. 15, 2<sup>nd</sup> month, June 1980, Beyrouth, translation by Dr. Abdel Aleem Mohamed, Political Expert and Analyst on Palestinian and Israeli Affairs at Al Ahram Centre for Political and Strategic Studies (Cairo).
  - **AL MASUDI** Abu al Hasan Ali (896-956), *Muruj adh-dhahab wa ma'adin al jawhar* (translation: The Meadows of gold and Mines of gems), middle of the 10<sup>th</sup> century.
  - **AL WAFRANI** Mohamed al Saghir ben al Hadj ben Abdallah, *Nozhet el hādi bi akhbar moulouk el karn el hadi* (translation in French: *Histoire de la dynastie saadienne au Maroc : 1511-1670*), translated and published by O. Houdas, Paris, Ernest Leroux, 1889.
  - **AL ZUHRI** Mohamed ibn Abu Bakr, Geographer and Writer from Grenade, died between 1154 and 1161, *Kitab al jaghraftiyya* (translation: Book of Geography), written towards 1130-1150.
  - **ALI A.**, "Climate variability and change in the Sahel - Understanding the current situation by observing - Climate change in the Sahel - A challenge for sustainable development", monthly bulletin, special issue, 2011, Agrhymet, pp. 17-20, <http://www.agrhymet.ne>.
  - **AMDOUNI** Hassan, *Les Quatre Califes*, Al Qalam, 2005.
  - **ANNACERI** Ahmed, *Talaat al mouchtari*, manuscript of the 17<sup>th</sup> century.
  - **ANTHONIOZ** Raphaëlle, *Les Imragen : Pêcheurs nomades de Mauritanie*, dissertation of studies, École pratique des hautes Études, Paris, 1963, 111 p.
  - **ARNAUD** Jean, *Introduction à la Mauritanie*, Paris, CNRS, 1979.
  - **AS SAADI** Abdurrahman (1594-1656), *Tarikh as-Sudan* (translation: The History of Sudan), written towards 1655, the first and most important source on the history of the Songhai Empire.
  - **ATTAR** Farid al Din, *Le Langage des oiseaux*, translation by Garcin de Tassy, "Spiritualités vivantes" coll., Albin Michel.
  - **AW** Mansour, *La Mise en place de l'administration coloniale au Waalo (1855-1878)*, Master's thesis, University of Dakar, 1979, 176 p.
  - **BA** Amadou Diam, *Projet de gestion durable des paysages (PDGP) dans le cadre du Projet Sahel et Afrique de l'Ouest, en appui à la Grande Muraille verte (SAWAP) - Cadre de gestion environnementale et sociale (CGES)*, report, final version, funded by the World Bank, Ministry of the Environment and Sustainable Development, Islamic Republic of Mauritania, April 2015, 96 p.

- **BA** Amadou, **ALASSANE** Coréra, *Projet de gestion durable des paysages (PDGP) dans le cadre du Projet Sahel et Afrique de l'Ouest, en appui à la Grande Muraille verte (SAWAP) - Cadre de politique de relocalisation involontaire*, report, final version, funded by the World Bank, Ministry of the Environment and Sustainable Development, Islamic Republic of Mauritania, April 2015, 93 p.
- **BACHIR** Yacouba Maman, **OULD HAMADI CHÉRIF** Abderrahmane, *Mauritania - Livelihood Zoning Plus - A special report of the famine early warning systems network*, Few's Net, October 2013, 29 p.
- **BALLOUCHE** Aziz, **OULD BABA** Mohamed Lemine, **TAÏBI** Aude Nuscia, **MOGUEDET** Gérard, "Protection et Gestion intégrée de zones humides sahéliennes de Mauritanie - Lacs d'Aleg et de Mâl (Brakna)", article, in the book stemming from the seminary of Parakou (Bénin) on 14-19 April 2003, *Quelles aires protégées pour l'Afrique de l'Ouest ? Conservation de la biodiversité et Développement*, "Colloques et Séminaires" coll., Paris, IRD (Institut de Recherche pour le Développement), 2007, pp. 486-497.
- **BARRY** Boubacar, *Le Royaume du Waalo - Le Sénégal avant la conquête*, Karthala, 1985, 421 p.
- **BATHILY** Abdoulaye, *Les Portes de l'or : le Royaume de Galam, Sénégal, de l'ère musulmane au temps des négriers (VIII<sup>e</sup>-XVIII<sup>e</sup> siècle)*, L'Harmattan, 1989.
- **BECKER** Charles, **MARTIN** Victor, "Rites de sépultures préislamiques au Sénégal et Vestiges protohistoriques", *Archives suisses d'anthropologie générale*, issue no. 2, volume 46, 1982, Geneva, Imprimerie du Journal de Genève, pp. 261-293.
- **BEHJATI** S., **GUNDEM** G., **WEDGE** D.C., **ROBERTS** N.D., **TARPEY** P.S. et al., "Mutational signatures of ionizing radiation in second malignancies", *Nature Communications*, volume 7, article no. 12605, 12 September 2016, DOI 10.1038/ncomms12605.
- **BEN ARAB** Naceur, *Dialogue pour l'identité culturelle*, Culture et Technologie, Paris, Anthropos, 1982.
- **BEN MAMI** Skander, *Des populations nomades face à un espace saharien en mutation*, study, Observatoire des mutations politiques dans le monde arabe, IRIS (Institut des Relations internationales stratégiques), September 2013, 22 p.
- **BERTHELOT** André, *Afrique saharienne et soudanaise, ce qu'en ont connu les Romains*, Paris, Les Arts et le Livre-Payot, 1927, 432 p. and maps.



- **BOAHEN** Albert Adu, Research Director and Professor, *L'Afrique sous domination coloniale, 1880-1935, volume 7*, Unesco-Nouvelles Éditions africaines, 1987.
- **BOBBA** Sidi, **OULD TALEB EKHYAR** Sid el Kheir, *Drought conditions and management strategies in Mauritania*, report, Nouakchott, Mauritania, Department of Meteorological Operations and Forecasts and Executive Management of the farm of M'Pourié, 2012.
- **BOCCACCIO** Giovanni (1313-1375), Italian Writer, having described the Guanches according to the data of the Portuguese maritime expedition to the Canary Islands under the command of a Florentine in 1341.
- **BOCOUM** Hamady, "Contribution à la connaissance des origines du Tékrou", *Annales de la Faculté des Lettres et Sciences Humaines*, no. 20, 1990, Dakar, Cheikh Anta Diop University.
- **BOILAT** (Abbot), *Map* dated in 1853.
- **BONTE** Pierre, *Territorialité et Politique : Des émirats aux régions - L'Exemple de l'Adrar*, Tours, Urbama, 1998.
- **BONTE** Pierre, *L'Emirat de l'Adrar mauritanien - Harim, Compétition et Protection dans une société tribale saharienne*, Karthala, 2008, ISBN 9782811100230.
- **BONTE** Pierre, "Appartenances tribales et Enjeux fonciers pastoraux en Mauritanie : le Projet Élevage II", *Études rurales*, no. 184, 2009, EHESS, pp. 149-168, ISBN 9782713222450.
- **BOSSHARD** Peter, *A Case Study on the Manantali Dam Project (Mali, Mauritania, Senegal)*, Berne Declaration, 1 March 1999, <http://www.internationalrivers.org>.
- **BOSWORTH** C.E., **VAN DONZEL** E., **LEWIS** B., **PELLAT** Ch., *Encyclopédie de l'islam*, volume 6, Paris, G.-P. Maisonneuve et Larose SA, 1987.
- **BOUBRIK** Rahal, "Hommes de Dieu, Hommes d'épée : Stratification sociale dans la société bidân", *Journal des Africanistes*, no. 68-1-2, volume 68, 1998, pp. 261-272.
- **BOULAY** Sébastien, *Quand un objet change de statut : Trajectoire de la tente dans la société maure (Mauritanie)*, study, no. 6, November 2004, 20 p., <http://www.ethnographiques.org>.
- **BOULÈGUE** Jean (1937-2011), Professor in medieval and modern History of Africa at the University of Paris I, *Les Royaumes wolofs dans l'espace sénégalais (XIII<sup>e</sup>-XVIII<sup>e</sup> siècles)*, Karthala, 2013, ISBN 9782811108809.

- **BOUSSERY** Mohamed Abdellahi, "La Tradition comme outil de lutte contre la pauvreté et le chômage", article, website of MDGIF, August 2016, <http://www.mdgfund.org>.
- **BRIANT** Pierre, Professor in History and Civilisation of the Achaemenid world and the Empire of Alexander the Great in College de France, *Histoire de l'Empire perse - de Cyrus à Alexandre*, Paris, Fayard, 1996, 1247 p.
- **BRIDIER** Marcelle, "Tissage nomade algérien", *Cahiers des arts et techniques d'Afrique du Nord*, Paris, Horizons de France, 1953.
- **BRITO** José Carlos, **MARTINEZ-FREIRIA** Fernando, **SIERRA** Pablo, **SILLERO** Neftali, **TARROSO** Pedro, *Crocodiles in the Sahara Desert: An Update of Distribution, Habitats and Population Status for Conservation Planning in Mauritania*, Brock Fenton, Plos One, published online on 25 February 2011, DOI 10.1371/journal.pone.0014734, <http://www.ncbi.nlm.nih.gov>.
- **BURKILL** Humphrey Morrison, *The useful Plants of West tropical Africa*, 1985.
- **CAMPBELL** John Brian, "Lusius Quietus", article, *The Oxford Classical Dictionary*, 4<sup>th</sup> edition, 2012, Simon Hornblower, Antony Spawforth and Esther Eidinow, Oxford University Press, ISBN 9780199545568, eISBN 9780191735257.
- **CAUDAL** Nicolas, "Sécheresse et Inondation en Mauritanie", article, *Report of the World Bank*, 17 September 2007, <http://reliefweb.int>.
- **CERVELLO** Mariella Villasante, "From the Disappearance of Tribes to Reawakening of the Tribal Feeling: Strategies of State among the formerly nomadic Bidân (Arabophone) of Mauritania", article, 2006, Hal archives-ouvertes.fr, <halshs-00825071>, 21 p.
- **CHAPERON** Pierre, "Quatre Années de sécheresse dans le Sahel : Données pluviométriques et hydrologiques en Mauritanie et au Sénégal. Extension géographique et Perspectives", article, *La Désertification au Sud du Sahara*, 1976, Nouvelles Éditions africaines.
- **CHARRE** Jean-Pierre, "Les Reguibat L'Gouacem - Système juridique et social", article, *Revue de Géographie alpine*, no. 2, volume 54, 1966, pp. 343-350.
- **CHAVANE** Bruno, *Villages de l'ancien Tékroure*, Karthala, 1985.
- **CHOPLIN** Armelle, "Nomad's Land ou No Man's Land ? L'Empreinte du nomadisme sur les représentations et les territorialités urbaines à Nouakchott (Mauritanie)", article, *Géographie et Cultures*, no. 39, 2001, 17 p., pp. 37-52.

- **CHOPLIN** Armelle, "Nouakchott (Mauritanie), une capitale nomade ?", article, *Les cafés géographiques*, 17 June 2010, 15 p., [www.cafe-geo.net](http://www.cafe-geo.net).
- **CIAVOLELLA** Riccardo, "Culture nomade à l'épreuve du capital mobilité, les Peuls Fulaabe (Mauritanie)", article, in the file *Sahara et Sahel - Territoires pluriels*, no.103 (3-2011), 2011, <http://mappemonde.mgm.fr>.
- **CIRAD** (Centre of International Cooperation in Agricultural Research for Development), *Les Camélidés*, file, La Recherche agronomique pour le Développement, September 2013, <http://camelides.cirad.fr>.
- **CISSOKO** Sékéné Mody, *Tombouctou et l'Empire songhay*, L'Harmattan, 1996.
- **COLIN** Georges Séraphin, *Le Parler arabe de Mauritanie*, Paris, Hespéris Tarmuda, 1930.
- **COLIN** Georges Séraphin, *Le Wasît*, Paris, Hespéris Tarmuda, 1930.
- **CONDÉ** Alpha, *Les Sociétés traditionnelles mandingues*, Niamey, Centre régional de documentation pour la tradition orale, 1974, 238 p.
- **CORRÉRA** Aminata, **LEFEUVRE** Jean-Claude, **FAYE** Bernard, "Organisation spatiale et Stratégie d'adaptation des nomades du Parc national du Banc d'Arguin à la sécheresse", article, *Sécheresse*, no. 4, volume 19, October-November-December 2008, 7 p., pp. 245-251.
- **Country Watch**, *Mauritania - 2018 Country Overview*, report, USA, 345 p., ISBN 1605237264, ISSN 1605238935, <http://www.countrywatch.com>.
- **COURLANDER** Harold, "Three Soninke Tales", *African Arts*, volume 12 (1), 1978, pp. 82-88 and 108.
- **COURTOIS** Christian, *Les Vandales et l'Afrique*, Paris, Arts et Métiers graphiques, 1955.
- **CRONIN** T.M., **DWYER** G.S., **KAMIYA** T.S., **SCHWEDE** S., **WILLARD** D.A., *Medieval Warm Period, Little Ice Age and 20<sup>th</sup> century Temperature Variability from Chesapeake Bay*, US Geological Survey (USGS), US Department of the Interior, 2003, <http://geology.er.usgs.gov>.
- **CULTRU** Prosper, Professor at the University of Paris Sorbonne, *Histoire du Sénégal du XV<sup>e</sup> siècle à 1870 - Les Origines de l'Afrique occidentale*, 1<sup>st</sup> edition in 1910, Elibron Classics Replica, 2005.
- **DANGELZER** Robert, "Notice sur la Préhistoire de la Mauritanie occidentale saharienne", *Bulletin de la Société préhistorique de France*,

- issue no. 3, volume 8, 1911, DOI 10.3406/bspf.1911.6214, <http://www.persee.fr>.
- **DE BRISSON** Pierre-Raymond (1745-1820), *Histoire du naufrage et de la captivité de M. de Brisson*, Geneva and Paris, Barde, Manget and Royez, 1789.
  - **DE CHASSEY** Francis, *L'Étrier, la Houe et le Livre*, Anthropos, 1977.
  - **DE CHASSEY** Francis, **BALANS** Jean-Louis, *Introduction à la Mauritanie*, Paris, CNRS, 1979.
  - **DÉCRET** François, *Carthage ou l'Empire de la mer*, 4<sup>th</sup> edition, Points Histoire, Paris, Seuil, 1995.
  - **DÉCRET** François, former Professor at the Augustinianum Institute of Latran University in Rome, *Les Invasions hilaliennes en Ifrîqiya*, September 2003, copyright Clio 2013, <http://www.clio.fr>.
  - **DE LA CHAPELLE** Frédéric, *Histoire du Sahara occidental*, volume 11, Paris, Hespéris Tarmuda, 1930.
  - **DELAFOSSÉ** Maurice (1870-1926), *Haut-Sénégal - Niger (Soudan français), Le Pays, les Peuples, les Langues, l'Histoire, les Civilisations*, three volumes (volume 1: *Le Pays, les Peuples, les Langues*; volume 2: *L'Histoire*; volume 3: *Les Civilisations*), Paris, Émile Larose, 1912, reedited by Maisonneuve & Larose in 1972.
  - **DELAROZIÈRE** Marie-Françoise, *Formes et Couleurs en Mauritanie - Légendes et Commentaires*, Nouakchott, Société nationale de presse et d'édition, 1976.
  - **DELAROZIÈRE** Marie-Françoise, *Introduction à la Mauritanie*, Paris, CNRS, 1979.
  - **DE LISLE** Guillaume, *Map* dated in 1707.
  - **DE LISLE** Guillaume, *Map* dated in 1723.
  - **DE LISLE** Guillaume, *Map* dated in 1726.
  - **DELPY** Alexandre, "Note sur une mission en Mauritanie", *Cahiers des arts et techniques d'Afrique du Nord*, Paris, Horizons de France, 1953.
  - **DENOUX** Sophie, "Motifs de décoration des bijoux à Boutilimit (Mauritanie)", *Notes africaines*, no. 33, 1947.
  - **DÉSIRÉ-VUILLEMIN** Geneviève, *Aperçu historique de la Mauritanie du XIX<sup>e</sup> siècle à l'indépendance*, Paris, CNRS, 1979.
  - **DEVISSE** Jean, **LAHIB** Shuhi, "L'Afrique dans les relations intercontinentales", chapter 26, in *Histoire générale de l'Afrique, l'Afrique du XII<sup>e</sup> au XVI<sup>e</sup> siècle*, volume 4 under the direction of Djibril Tamsir Niane, Comité scientifique international pour la rédaction d'une histoire générale de l'Afrique, Unesco-Nouvelles Éditions africaines, 1985 and 2000, pp. 689-726, ISBN 272360991X.

- **DevStat Consult** (Office of Development Studies & Statistics), *Étude d'identification des filières artisanales, de maîtres artisans, de jeunes apprentis et Évaluation des besoins de renforcement de capacité/réseautage des organisations socioprofessionnelles de l'artisanat*, final report, Nouakchott, August 2013, 48 p.
- **DIAGNE** Sékhou, *Le Bundu des origines au protectorat français de 1858*, Master's thesis, Dakar, University of Dakar, 1976, 154 p.
- **DIARRA** Alikou, *Du Wagadou au Mali démocratique*, Bamako, SN, 2002.
- **DIAW** Yoro Boli, *Cahiers portant sur l'histoire des royaumes wolofs*, 1863.
- **DIAWARA** Mamadou, *La Graine de la parole : Dimension sociale et politique des traditions orales du royaume de Jaara (Mali) du XV<sup>e</sup> au milieu du XIX<sup>e</sup> siècle*, Stuttgart, F. Steiner, 1990, ISBN 3515050213.
- **DIAZ** Henry F., **HUGHES** M., *The Medieval Warm Period, Evidence for a Medieval Warm Epoch*, Boston, Kluwer Academic Publishers, 1994, ISBN 0792328426.
- **DIÉTERLEN** Germaine, **DIARRA** Sylla, *L'Empire de Ghana : le Wagadou et les Traditions de Yérééré*, Paris, Karthala-ARSAN, 1992.
- **DIOP** Amadou Hamady, *Les Relations entre le Waalo et le Trarza 1858-1902 - Étude critique des sources*, post-graduate pre-PhD thesis, Cheikh Anta Diop University, Dakar, 1992.
- **DIOP** Amadou Tamsir, **CÉSARO** Jean-Daniel, **TOURÉ** Ibra, **ICKOWICZ** Alexandre, **TOUTAIN** Bernard, "Évolution des transhumances", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, United Nations Food and Agriculture Organization (FAO) and Centre of International Cooperation in Agricultural Research for Development (CIRAD), 2012, pp. 14-15, ISBN 9789251071526.
- **DIOP** A.T., **DIOP** N.A., **NIANG** I., **ATTÉ** I., **TOUTAIN** B., **HAMADOUM** M., "Pastoralisme et Zonage réglementaire", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, United Nations Food and Agriculture Organization (FAO) and Centre of International Cooperation in Agricultural Research for Development (CIRAD), 2012, pp. 6-7, ISBN 9789251071526.
- **DIOP** Cheikh Anta, *Parenté génétique de l'égyptien pharaonique et des langues négro-africaines : Processus de sémitisation*, Dakar, Nouvelles Éditions africaines, 1977, 402 p.
- **DIOP** Cheikh Anta, *Nouvelles recherches sur l'égyptien ancien et les langues africaines modernes*, Paris, Présence africaine, 1988.

- DUBIÉ Paul, "Quelques plantes utiles en Mauritanie", *Bulletin de Liaison de l'IFAN*, no. 23, volume 5, February 1981, Nouakchott, Saint-Exupéry Cultural Centre.
- DUBOC General, *Mauritanie*, "L'Ancre" coll., Paris, L. Fournier, 1935.
- DUPIRE Marguerite, *Introduction : Peuls nomades*, Karthala, 1996.
- DU PUIGAUDEAU Odette, *Arts et Coutumes des Maures*, Rabat, Hespéris Tarmuda, Éditions techniques nord-africaines, 1967.
- EHLERS J., GIBBARD P.L., *Quaternary Glaciations: Extent and Chronology - Part III: South America, Asia, Africa, Australia, Antarctica*, Amsterdam, Elsevier, 2004, ISBN 0444515933.
- **Embassy of Mauritania in Switzerland**, *Réponse au questionnaire sur le droit à la liberté artistique en Mauritanie destinée au Haut Commissariat aux droits de l'homme*, reference MISRIM/GE/004/13, Permanent Mission to the United Nations Office and other international organizations in Geneva, Islamic Republic of Mauritania, 10 January 2013, 5 p.
- **Extractive Industries Transparency Initiative**, *Rapport de l'administrateur indépendant de l'ITIE pour les revenus de l'année 2011*, Islamic Republic of Mauritania, June 2013.
- FAIDHERBE Louis (General), *Contribution à l'étude de la langue berbère*, Paris, 1877.
- FAIDHERBE Louis (General), *Langues sénégalaises : wolof, arabe-hassania, soninké, sérère, Notions grammaticales, Vocabulaires et Phrases*, Paris, Leroux, 1887.
- FAYE Bernard, *Guide de l'élevage du dromadaire*, Libourne, France, Sanofi, 1997, 126 p.
- FAYE Bernard, *Bergers du monde*, Quae, 24 September 2008, ISBN 9782759201662, ISBN multi-formats 9782759203383.
- FAYE Bernard, ESENOV Palmated, *Desertification Combat and Food Safety: The added Value of Camel Producers*, IOS Press, 2005.
- FÉRAL Gabriel, *Notes sur la morphologie du verbe dans le dialecte hassane*, volume 13, Dakar, Institut français d'Afrique noire (IFAN), 1951.
- **Fews Net Washington**, *Mauritanie - Profil des moyens d'existence*, study, February 2015, 45 p.
- FOLLIE Adrien-Jacques, *Voyage dans les déserts du Sahara*, Paris, Imprimerie du Cercle social, 1792.
- **French Decree of 18 October 1904.**
- **French Law of 30 March 1902.**

- **GABUS** Jean, *Contribution à l'étude des Némadis - Chasseurs archaïques du Djouf*, Bulletin de la Société suisse d'Anthropologie et d'Ethnologie, Berne, 1952.
- **GABUS** Jean, *Initiation au désert*, Geneva, F. Rouge et Cie SA, 1954.
- **GABUS** Jean, *Arts et Symboles au Sahara*, Neufchâtel, La Baconnière, 1958.
- **GABUS** Jean, *Connaissance de l'art et de la culture matérielle, Sahara 1960/61*, Report 1961, Library and Museum of the city of Neufchâtel, Neufchâtel, 1961.
- **GABUS** Jean, *Oualata et Gueïmaré des Némadis - Rapport brut des Missions ethnographiques en République islamique de Mauritanie du 19/12/1975 au 25/05/1976*, Museum of Ethnography, Neufchâtel, 1975-1976.
- **GADEN** Henri (1867-1939), colonial Administrator of Mauritania and Ethnologist, *L'Histoire écrite en français des différents royaumes wolofs par Yoro Dyao*, Publication des cahiers de Yoro Dyao, 1912.
- **GAGARIN** Michael, *The Oxford Encyclopedia of Ancient Greece and Rome*, Oxford University Press, 2010, ISBN 9780195170726, eISBN 9780195388398.
- **GARBA** Issa, **TOURÉ** Ibra, **ICKOWICZ** Alexandre, **CÉSARO** Jean-Daniel, "Évolution historique de la pluviosité", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, United Nations Food and Agriculture Organization (FAO) and Centre of International Cooperation in Agricultural Research for Development (CIRAD), 2012, pp. 8-9, ISBN 9789251071526.
- **GARBA** Issa, **TOURÉ** Ibra, **ICKOWICZ** Alexandre, **CÉSARO** Jean-Daniel, **TOUTAIN** Bernard, "Suivi des feux de brousse au Sahel", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, 2012, United Nations Food and Agriculture Organization (FAO) and the International Cooperation Centre of Agricultural Research for Development (CIRAD), pp. 12-13, ISBN 9789251071526.
- **GAUDIO** Attilio, *Le Dossier de la Mauritanie*, Paris, Nouvelles Éditions latines, 1978.
- **GAUTIER** Émile-Félix, "L'Afrique saharienne et soudanaise", *Annales de Géographie*, no. 204, volume 36, 1927, pp. 559-563, DOI 10.3406/geo.1927.9120, <http://www.persee.fr>.

- GAYE Mamadou, *Sidiya Joop (1848-1878) : L'itinéraire du brak virtuel du Waalo*, Master's thesis, Cheikh Anta Diop University, Dakar, 1999, 151 p.
- GERBER Pierre, TOURÉ Ibra, ICKOWICZ Alexandre, GARBA Issa, TOUTAIN Bernard, "Quels enjeux pour un système d'information sur le pastoralisme au Sahel?", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, United Nations Food and Agriculture Organization (FAO) and Centre of International Cooperation in Agricultural Research for Development (CIRAD), 2012, pp. 2-3, ISBN 9789251071526.
- GIFFARD Pierre Louis, Commissioner of Forests and Water, "Le Palmier rônier - *Borassus aethiopicum*", article, *Revue Bois et Forêts des Tropiques*, no. 116, November-December 1967, pp. 3-13.
- GILLIER C., *Photograph*, Picture Library of Musée de l'Homme, Paris.
- GINESTOUS Paul, "Tissage d'un hamel à Gafsa", *Cahiers des arts et techniques d'Afrique du Nord*, Paris, Horizons de France, 1953.
- GIRARD Jean, *L'Or du Bambouk : Du royaume de Gabou à la Casamance, une dynamique de Civilisation ouest-africaine*, Geneva, Georg, 1992, 347 p.
- GRAVRAND Henry, *La Civilisation sérère*, Nouvelles Éditions africaines, 1983, ISBN 2723608778.
- GROVE Jean M., SWITSUR Roy, *Glacial geological Evidence for the Medieval Warm Period*, Climatic Change, 1994.
- GUERNIER Eugène (Publishing Director), *Afrique occidentale française*, volume 1, Encyclopédie coloniale et maritime, Library of La Cité universitaire, Paris, 1949.
- GUICHARD Pierre, Professor at the University of Lumière Lyon 2, "Les Almohades", article, March 2003, copyright Clío 2013, <http://www.clio.fr>.
- HALAOUI Nazam, *Langue dominante, Langue rejetée : le Hassânyya en Mauritanie*, volume 1, Diversité Langues, 1996-1997.
- HAMET Ismaël, *Chroniques de la Mauritanie sénégalaise : Nacer Eddine*, Paris, Leroux, 1911.
- HAN Wei, YU K.N., Department of Physics and Materials Sciences, City University of Hong Kong, "Ionizing Radiation, DNA Double Strand Break and Mutation", chapter 7, in *Advances in Genetics Research - Volume 4*, 2010, Editor: Kevin V. Urbano, Nova Science Publishers Inc, 13 p., ISBN 9781617287640.



- **HANDLOFF** Robert E., *A Country Study: Mauritania*, Washington, US Library of Congress, 1988.
- **HANNO** the Navigator (between -630 and -530), also known as Hanno II of Carthage, Carthaginian Explorer of the west coast of Africa up to the Gulf of Guinea in Cameroon. Author of *Story about the Journey of the King of the Carthaginians around the regions, which are beyond the Pillars of Hercules* (= Strait of Gibraltar), engraved on suspended plates in the temple of Kronos in Carthage (Tunisia). This story is also called *Journey of Hanno*. The first text, from the engravings of the temple, constitutes a unique Byzantine manuscript (text of 101 lines), the "Palatinus græcus", dated back to the first quarter of the 9<sup>th</sup> century. The French translation of the original text is included in the volume, entitled *Historiale Description de l'Afrique, tierce partie du monde...* and published by Jean Temporal, a printer, in Lyon in 1556.
- **HEGEL** Georg Wilhem Friedrich, *Esthétique*, Paris, PUF, 1981.
- **HERODOTUS** (-484 / -420), Greek Historian and Geographer, whose main work is *Histories*, composed of nine books, describing the customs of peoples and empires in his time.
- **HIMPAN** Brigitte, *La Vie quotidienne des nomades mauritaniens à travers leurs objets usuels*, (translation: The everyday Life of the Mauritanian Nomads through their usual Objects), Master's thesis in Fine Arts, University of Paris VIII, France, 1983.
- **HIMPAN** Brigitte, *L'Identité culturelle des nomades mauritaniens*, (translation: The Cultural Identity of the Mauritanian Nomads), post-graduate pre-PhD thesis in Philosophy of Art and Culture, University of Panthéon-Sorbonne Paris 1, France, 1986.
- **HITZEL** Frédéric, Doctor in History from the University of Paris IV Sorbonne and graduated in the Turkish language from INALCO (Institut national des Langues et Civilisations orientales), Research Fellow in CNRS, *L'Empire ottoman - XV<sup>e</sup>-XVIII<sup>e</sup> siècle*, Paris, Les Belles Lettres, 2002.
- **HOLL** Augustin, *Habitat et Sociétés préhistoriques du Dhar Tichitt (Mauritanie)*, Revue du CNRS, 1989.
- **HOLL** Augustin, *Saharan Rock Art, Archaeology of Tassilian Pastoralist Iconography*, 2004.
- **HOMBURGER** Liliás (1880-1969), *Les Représentants de quelques hiéroglyphes égyptiens en peul*, Librairie ancienne H. Champion, E. Champion, 1930.

- **HOMBURGER** Liliás, “Les Dialectes coptes et mandés”, *Bulletin de la Société de linguistique de Paris*, 1930, pp. 1-57.
- **HOMBURGER** Liliás (1880-1969), “L’Inde et l’Afrique”, *Journal de la Société des Africanistes*, 1951.
- **HORNELL** James, “Indonesian Influence on East African Culture”, *Journal of the Royal Anthropology Institute of Great-Britain*, volume 64, 1924, p. 305-332.
- **IBN ARABI**, *La Profession de foi*, translation by Roger Deladrière, Actes Sud, November 2010.
- **IBN ARABI**, *Traité de l’Amour*, Albin Michel.
- **IBN KHALDUN** Abdurrahman (1332-1406), *Histoire des Berbères et des dynasties musulmanes de l’Afrique septentrionale*, written towards 1377, Paris, Paul Geuthner, Librairie orientaliste, reproduction in 1934.
- **IDEIDBI** Mohamed Salem, *Mauritanie : la Richesse d’une nation*, Nouakchott, Al Manar, 2011.
- **INAP-FTP** (National Institute for the Promotion of Technical and Professional Training), *Situation de l’emploi et Besoins en formation du secteur de l’habillement et du textile* and *Situation de l’emploi et Besoins en formation du secteur du cuir et des sous-produits de l’élevage*, reports, National Development Programme for the Education Sector (PNDSE), Ministry of Economic Affairs and Development, Islamic Republic of Mauritania, June 2004.
- **Infocomm**, *Gomme arabique - Un profil de produit de base*, report, the United Nations Conference on Trade and Development (UNCTAD), fund of the UNCTAD for the information on markets of basic agricultural products, New York and Geneva, 2016, 15 p.
- **IRIN**, *Inquiétudes en matière de sécurité alimentaire en Mauritanie*, report, 28 May 2015.
- **JACQUES-MEUNIÉ** Djinn, “Quelques gravures et peintures rupestres de la Mauritanie sahélienne ; Une pierre taillée de Tinigar”, *Journal de la Société des Africanistes*, issue no.1, volume 29, 1959, pp. 19-31, DOI 10.3406/jafr.1959.1902, <http://www.persee.fr>.
- **JACQUES-MEUNIÉ** Djinn, *Cités anciennes de Mauritanie : Provinces du Tagant et du Hodh*, Institut de Recherches sahariennes, Paris, Librairie C. Klincksieck, 1961.
- **JEFFERYS** Anna, “Au-delà des frontières : Comment aider les réfugiés nomades”, article, 11 November 2013, Mauritania, IRIN News, website of IRIN News, <https://www.irinnews.org>.

- **JULIEN** Charles-André (1881-1991), Historian specialized in the History of the Maghreb and Professor at the University of Paris Sorbonne, *Histoire de l'Afrique du Nord : Des origines à 1830*, Payot, first publication in 1951, 2001, ISBN 9782228887892.
- **KAMIS Y., SALEH O.M., CÉSARO J.D., ICKOWICZ A.**, "Projets d'hydraulique pastorale", article, *Système d'information sur le pastoralisme au Sahel - Atlas des évolutions des systèmes pastoraux au Sahel 1970-2012*, United Nations Food and Agriculture Organization (FAO) and Centre of International Cooperation in Agricultural Research for Development (CIRAD), 2012, pp. 28-29, ISBN 9789251071526.
- **KANE Oumar**, "Les Maures et le Futa Toro au XVIII<sup>e</sup> siècle", *Cahier d'études africaines*, no. 54, volume 4, 1974, pp. 237-252.
- **KANE Oumar**, *La Première Hégémonie peule : le Fuuta Toro de Koli Teyella à Almaami Abdul*, Karthala-Presses universitaires de Dakar, 2004, 672 p.
- **KHANEBOUBI Ahmed**, *Les Premiers Sultans mérinides (1269-1331) - Histoire politique et sociale*, Histoire et Perspectives méditerranéennes, L'Harmattan, 1987.
- **KIEPERT Heinrich**, *Atlas antiquus*, map, Berlin, Reimer, 1854.
- **La Documentation française**, *Les Traités négrières*, 1 January 2004.
- **LAFOND Yves, GUIRAUD Hélène**, *L'Afrique romaine : 1<sup>er</sup> siècle avant J.-C.-début V<sup>e</sup> siècle après J.-C.*, Toulouse, Presses universitaires du Mirail, 2005.
- **LAFORGUE Pierre**, *Les Djenouns de la Mauritanie saharienne, Magiciens, Croyances et Légendes*, Paris, Larose, 1933.
- **LAM Aboubacry Moussa**, *De l'origine égyptienne des Peuls*, Présence africaine, 1993, ISBN 2708705709.
- **LAM Aboubacry Moussa**, *Les Chemins du Nil : les Relations entre l'Égypte ancienne et l'Afrique noire*, Paris, Présence africaine-Khepera, 1997.
- **LAPIDUS Ira Marvin**, *A History of Islamic Societies*, Cambridge, Cambridge University Press, 16 August 2002.
- **LECHARTIER Clément**, *L'Espace nomade du pouvoir politique en Mauritanie - Des lieux de la bediyya de l'Est à la capitale*, Doctoral thesis in Geography, University of Rouen, 2005, HAL archives-ouvertes.fr, reference: tel-00012100, 339 p.
- **LEGRAND Gérard**, *Dictionnaire philosophique*, Belgium, Bordas, 1972.
- **LERUMEUR G.**, *Photograph*, 1956, Picture Library of Musée de l'Homme, Paris.

- LEVTZION Nehemia, *Ancient Ghana and Mali*, series "Studies in African History", book no. 7, London, Methuen, 1973.
- LHOPE Henri, *La Chasse chez les Touaregs*, Paris, Amiot et Dumont, 1951.
- LHOPE Henri, "Le Cheval et le Chameau dans les peintures et gravures rupestres du Sahara", *Bulletin de l'IFAN*, no. 3, volume 15, 1953.
- LHOPE Henri, "L'Extraordinaire Aventure des Peuls", *Présence africaine*, no. 22, October-November 1958, pp. 48-57.
- LIPINSKI Edward, *Dictionnaire de la Civilisation phénicienne et punique*, Paris, Brepols, 1996.
- LITTRÉ Émile, *Dictionnaire de la langue française*, volume 3, Paris, Librairie Hachette et Cie, 1878.
- LUBELL David, "Continuité et Changement dans l'Épipaléolithique du Maghreb", in *Le Paléolithique en Afrique : l'Histoire la plus longue*, Paris, Artcom-Errance, 2005, pp. 205-226, ISBN 287772297X.
- LUCAS A.-J. Dr., "Considérations sur l'ethnique maure et en particulier sur une race ancienne : les Bafours", *Journal de la Société des Africanistes*, issue no. 2, volume 1, 1931, Paris, pp. 151-191.
- MACA-MEYER N., ARNAY M., RANDO J.C. et al., "Ancient mtDNA Analysis and the Origin of the Guanches", *European Journal of Human Genetics*, February 2004, pp. 155-162.
- MACAULAY Vincent et al., "The Emerging Tree of West Eurasian mtDNAs: A Synthesis of Control-Region Sequences and RFLPs", *American Journal Human Genetics*, no. 64, 1999, Oxford, Institute of Molecular Medicine, University of Oxford, pp. 232-249.
- MALOWIST Marian, "La Lutte pour le commerce international et ses Implications pour l'Afrique", chapter 1, in *Histoire générale de l'Afrique, l'Afrique du XVI<sup>e</sup> au XVIII<sup>e</sup> siècle*, volume 5 under the direction of B.A. Ogot, Comité scientifique international pour la rédaction d'une histoire générale de l'Afrique, Unesco, 1999, pp. 19-41, ISBN 9232017113.
- MANCHUELLE François, *Les Diasporas des travailleurs soninkés (1848-1960) : Migrants volontaires*, Karthala, 2004.
- MARTY Paul, *L'Émirat des Trarzas*, "La Revue du Monde musulman" coll., volume 8, Paris, Ernest Leroux, 1919.
- MAUNY Raymond, "Gravures, Peintures et Inscriptions rupestres de l'Ouest africain", *Bulletin de l'IFAN*, volume 11, 1954, Dakar.
- MAUREL Jean-François, *Xavier Coppolani et son œuvre*, Saint-Louis, Senegal, Imprimerie du gouvernement, 1955.

- **Mauritanian Constitution of 1959.**
- **Mauritanian Constitution of 1991.**
- **Mauritanian Law of 4 March 1968.**
- **Mauritanian Law 2000-044**, in *Code pastoral*, 26 July 2000.
- **MC CALL** Daniel, "The Afro-asiatic Language Phylum: African in origin or Asian?", *Chicago Journals*, no. 1, volume 39, February 1998, Department of Anthropology, University of Boston.
- **MC GOWAN** Winston Franklin, "Fula Resistance to French Expansion into Futa Djallon - 1889-1896", *Journal of African History*, 1981, pp. 245-261.
- **MERCIER** Ernest (1840-1907), *Histoire de l'Afrique septentrionale (Berbérie) depuis les temps les plus reculés jusqu'à la conquête française (1830)*, volume 1, Paris, Ernest Leroux, 1888.
- **MIÈGE** Jean-Louis, *Expansion européenne et Décolonisation de 1870 à nos jours*, Paris, PUF, 1973.
- **Ministry delegate to the Prime Minister responsible for the Environment and Sustainable Development**, *Programme spécial pour la protection de la ville de Nouakchott*, Islamic Republic of Mauritania, 2012.
- **Ministry delegate to the Prime Minister responsible for the Environment and Sustainable Development**, *Plan d'action national pour l'environnement 2012-2016 – PANE II*, Nouakchott, 16 April 2012, 85 p.
- **Ministry of Agriculture**, *Synthèse des réalisations pour l'année 2015 et les perspectives pour 2016*, report, Islamic Republic of Mauritania, November 2015, 7 p.
- **Ministry of Culture and Crafts**, *Programme national pour la revitalisation des valeurs (PNRPM)*, launching of the Programme started on 7 December 2015, <http://www.culture.gov.mr>.
- **Ministry of Economic Affairs and Development**, *Report on Implementation of the Third PRSP (Poverty Reduction Strategy Papers) Action Plan*, report by IMF country, final document, no. 13/189, Washington, International Monetary Fund, Islamic Republic of Mauritania, February 2013, 126 p.
- **Ministry of Rural Development**, *Résultats de la campagne agricole 2013/2014*, report, EMEA 2013/2014, Department of Policies, Cooperation, Monitoring and Evaluation (DPCSE), Islamic Republic of Mauritania, July 2014, 20 p.

- **Ministry of Rural Development and Environment**, *Programme d'action nationale aux changements climatique - PANA-RIM*, Department of Environment, Islamic Republic of Mauritania, November 2004.
- **Ministry of the Environment and Sustainable Development**, *Manuel de formation à la lutte contre la désertification, la fixation des dunes et la gestion des boisements en Mauritanie*, 2<sup>nd</sup> edition, Department of the Protection of Nature, Nouakchott, September 2014, 218 p.
- **Ministry of the Environment and Sustainable Development**, *Contribution prévue déterminée au niveau national de la Mauritanie à la Convention cadre des Nations Unies sur les changements climatiques (CCNUCC)*, 21<sup>st</sup> Conference of the Parties to the UNFCCC in Paris (France), Islamic Republic of Mauritania, September 2015.
- **MISKÉ Ahmed-Bâba**, *Al Wasit - Tableaux de la Mauritanie au début du XX<sup>e</sup> siècle*, Paris, Librairie C. Klincksieck, 1970.
- **MONOD Théodore**, "Sur la découverte du Paléolithique ancien à Dakar", *Bulletin du Comité d'études historiques et scientifiques de l'AOF*, volume 21, 1938.
- **MONOD Théodore**, "Sur la forme de la théière maure traditionnelle", *Notes africaines*, no. 57, July 1955.
- **MONOD Théodore**, *Les Déserts*, Horizons de France, 1973.
- **MONTEIL Vincent**, *L'Islam noir*, Paris, Seuil, 1971.
- **MUNSON Patrick J.**, "Archaeology and the prehistoric Origins of the Ghana Empire", *The Journal of African History*, no. 4, volume 21, October 1980, Cambridge University Press.
- **MUSEUR Michel**, research in *Journal de la Société des Africanistes*, brochure 2, volume 47, Paris, CNRS, 1977.
- **NANTET Bernard**, *Histoire du Sahara et des Sahariens : Des origines à la fin des grands empires africains*, Ibis Press, 2008.
- **National Chamber of Trade and Crafts (CNAM)**, "Mauritanie : La Bijouterie à Nouakchott" and "Mission cuir/tannerie à Nouakchott", articles, Permanent Assembly of Chambers of Trade and Crafts (APCMA), website of "Coopération du Réseau des Chambres de Métiers et de l'Artisanat de France", November 2007.
- **National Chamber of Trade and Crafts (CNAM)**, "Mission de menuiserie bois à Nouakchott", article, Permanent Assembly of Chambers of Trade and Crafts (APCMA), website of "Coopération du Réseau des Chambres de Métiers et de l'Artisanat de France", May 2008.

- **National Chamber of Trade and Crafts (CNAM)**, “Les Actions du réseau des CMA en Mauritanie”, article, Permanent Assembly of Chambers of Trade and Crafts (APCMA), website of “Coopération du Réseau des Chambres de Métiers et de l’Artisanat de France”, 19 August 2016.
- **National Office of Statistics (ONS)**, *Note trimestrielle du commerce extérieur de la Mauritanie 3<sup>e</sup> trimestre 2011*, no. 14, January 2012, Department of Economic Statistics and National Accounts, Section of Economic Situation and Surveys, Islamic Republic of Mauritania.
- **National Office of Statistics (ONS)**, *Recensement général de la population et de l’habitat (RGPH) 2013*, report, April 2015, Central Office of Census (BCR), Islamic Republic of Mauritania.
- **NEGUE Francis Kouami**, *Titre du programme : Patrimoine, Tradition et Créativité au service du développement durable de la Mauritanie - Évaluation finale*, report, MDF Achievement Fund, July 2013, 76 p.
- **NIANE Djibril Tamsir**, *Soundjata ou l’Épopée mandingue*, Paris, Présence africaine, 1960.
- **NIANE Djibril Tamsir** (Director of volume), *Histoire générale de l’Afrique, L’Afrique du XII<sup>e</sup> au XVI<sup>e</sup> siècle*, volume 4, Comité scientifique international pour la rédaction d’une histoire générale de l’Afrique, Unesco-Nouvelles Éditions africaines, 1985, 2000, ISBN 272360991X.
- **NICOLET Claude**, *Rome et la Conquête du monde méditerranéen : 264-27 avant J.-C.*, Paris, PUF, 1978.
- **NICOLLE David**, *The Great Islamic Conquests AD 632–750*, “Essential Histories” coll., Oxford, Osprey Publishing, 19 May 2009.
- **NOUACEUR Zineddine**, “Evolution des précipitations depuis plus d’un demi siècle en Mauritanie”, *Geographia Technica*, special issue, 2009, pp. 361-366.
- **OBENGA Théophile**, *Origine commune de l’égyptien ancien, du copte et des langues négro-africaines modernes - Introduction à la linguistique historique africaine*, Paris, L’Harmattan, 1993.
- **Official Journal of the Islamic Republic of Mauritania**, *Décret no. 2006-140*, no. 1141, 49<sup>th</sup> year, 14 December 2006.
- **OMAR F.**, *The Abbasid Caliphate*, Bagdad, 1969.
- **OULD BEYROUK Adnan**, “L’Émir Sid Ahmed Ould Ahmed Ould Sid Ahmed”, article, *Adrar Info*, 18 May 2011, <http://adrar-info.net>.
- **OULD DADDAH Ahmed**, President of the Union of Democratic Forces in Mauritania and half-brother of the first President of the

- Islamic Republic of Mauritania, Speech during a public meeting in Nouadhibou on 11 December 1998.
- **OULD EL HACEN** Moctar, "Centre et Régions en Mauritanie", *Revue du Monde musulman et de la Méditerranée*, no. 54, volume 54, 1989, pp. 149-160.
  - **OULD HAMODY** Mohamed Saïd, Journalist and Diplomat, "Le Face à Face pluriséculaire avec l'Europe - Le Temps des prétoriens (1900-1910)", article, *Nouakchott Info*, no. 299, 3 April 2002.
  - **OULD HAMODY** Mohamed Saïd, Journalist and Diplomat, "Le Temps des pacificateurs (1910-1935)", article, *Agence Nouakchott d'information (ANI)*, 2005, <http://www.ani.mr>.
  - **OULD HAMODY** Mohamed Saïd, Journalist and Diplomat, "Exposé sur la vie de l'Émir de la paix", article, *CRIDEM*, 30 January 2013, <http://www.cridem.org>.
  - **OULD HAMODY** Mohamed Saïd, "Quelle approche pour dépasser l'esclavage en Mauritanie? Les conséquences essentielles de l'esclavage sur les sociétés mauritaniennes", article, *L'authentique Quotidien*, 7 February 2013.
  - **OULD KHALIFA** Abdallah, *La Région du Tagant en Mauritanie - L'Oasis de Tijigja entre 1660 et 1960*, Karthala, 1998, ISBN 9782865378944.
  - **OULD LEKHLIVA** Sidi Mohamed, "Israël a-t-il vraiment enterré ses déchets nucléaires dans le désert du Tagant?", article, *Adrar Info*, 15 October 2017, <http://adrar-info.net>.
  - **OULD SOULÉ** Ahmedou, *Country Pasture/Forage Resource Profiles - Mauritania*, FAO, 2006, 22 p.
  - **OULD SOULÉ** Ahmedou, Teacher-Researcher at École normale supérieure de Nouakchott, *Mauritanie*, file, FAO, September 2013.
  - **OWAS Department**, *Projet national intégré dans le secteur de l'eau en milieu rural (PNISER) - Pays : République islamique de Mauritanie - Proposition de financement complémentaire*, report, African Development Fund, December 2013, 26 p.
  - **OZER** Pierre, **HOUNTONDI** Yvon-Carmen, **GASSANI** Jean, **DJABY** Bakary, **DE LONGUEVILLE** Florence, "Évolution récente des extrêmes pluviométriques en Mauritanie (1933-2010)", 27<sup>th</sup> Colloquium of Association internationale de climatologie, 2-5 July 2014, Dijon (France), pp. 394-400.
  - **PACCOU** Yves, *Le Recensement des nomades mauritaniens*, Paris, Groupe de démographie africaine, 14 May 1979, 71 p.



- **PAGE** Willie F., *Encyclopedia of African History and Culture: African Kingdoms (500 to 1500)*, volume 2, Facts on File, 2001, ISBN 0816044724.
- **PAZZANITA** Anthony G., "Haratine", article, *Historical Dictionary of Mauritania*, 3<sup>rd</sup> edition, 2008, Scarecrow Press, pp. 240-242.
- **PENCK** Albrecht (1858-1945), **BRÜCKNER** Eduard, German and Austrian Authors at the origin of the definitions of the four glacial periods of Pleistocene (Günz, Mindel, Riss and Würm) and denomination of the Würm Glaciation, *Die Alpen im Eiszeitalter* (translation: The Alps in the glacial Age), 3 volumes (1901-1909).
- **PIERRE** Jean-Luc, "Au temps des Phéniciens", article, 20 November 2012, <http://www.zamane.ma>.
- **PITTE** Jean-Robert, "La Sécheresse en Mauritanie", *Annales de Géographie*, issue no. 466, volume 84, 1975.
- **PLINY** the Elder (23-79), under his real name Gaius Plinius Secundus, Roman Philosopher, Historian and Naturalist, *Histoire naturelle*, +77.
- **PTOLEMY** Claudius (towards 90-168), Egyptian Astronomer, Geographer and Mathematician, *Geography*, written in +125.
- **RAHMANI** Noura, "Technological and cultural Change among the last Hunter-Gatherers of the Maghreb: the Capsian (10,000-6,000 BP)", *Journal of World Prehistory*, issue no. 1, volume 18, March 2004, Kluwer Academic Publishers-Plenum Publishers, pp. 57-105.
- **RANDALL** Sara, *Where have all the nomads gone? Fifty years of statistical and demographic invisibilities of African mobile pastoralists*, research, November 2015, Springer Open Publication, 22 p., DOI 10.1186/s13570-015-0042-9.
- **REY** Pierre-Philippe, Professor in Anthropology at the University of Paris VIII and Historian, *Les Ibadites à l'origine de l'islamisation du Maghreb*, interview, [www.elwatan.com](http://www.elwatan.com), 2 August 2008.
- **RICHARD-MOLARD** Jacques, **MAUNY** Raymond, "Contribution à la Préhistoire de l'Adrar mauritanien septentrional et du Makteir", *Bulletin de l'IFAN*, volume 15, 1953, pp. 1229-1241, Digital Library on Mauritania, <http://www.mr.refer.org>.
- **RIVIÈRE** Manon, "Le Changement climatique n'est pas une fatalité", article, 7 July 2007, Nouakchott, website of RFI, <http://www.rfi.fr>.
- **ROBERT** Paul, *Dictionnaire de la langue française*, volumes 1 and 3, Paris, PUF, 1953.

- 
- ROCHE Christian, *L'Afrique noire et la France au XIX<sup>e</sup> siècle - Conquêtes et Résistances*, Karthala, 2011.
  - ROUX Jean-Paul, Honorary Research Director in CNRS and former Professor with tenure in the field of Islamic Art at École du Louvre, *Histoire de l'Empire mongol*, Paris, Fayard, 1993.
  - RUFFIÉ J., KANE Y., "Étude hémotypologie de quelques groupes peul, toucouleur, ouoloff et sérère du Sénégal occidental", *Bulletins et Mémoires de la Société d'Anthropologie de Paris*, issue no. 4-3, volume 4, 1963, pp. 545-553, <http://www.persee.fr>.
  - SAMIE Amale, "Les relations entre Israël et la Mauritanie provoquent un tollé", article, *MarocHebdo*, 5 November 1999, <https://www.maghress.com>.
  - SAUGNIER, DE LABORDE Jean-Benjamin, *Relations de plusieurs voyages à la côte d'Afrique, au Maroc, au Sénégal, à Gorée, à Galam, etc.*, Paris, Gueffier, 1791.
  - SÉNONES Marion, DU PUIGAUDEAU Odette, "Peintures rupestres du Tagant (Mauritanie)", *Journal de la Société des Africanistes*, issue no. 1, volume 9, 1939, DOI 10.3406/jafr.1939.2469, <http://www.persee.fr>.
  - SEVERINGHAUS J., BROOK E., "Abrupt Climate Change at the end of the last Glacial Period inferred from trapped Air in Polar Ice", *Science*, 286 (5441), 1999, pp. 930-934.
  - SHINE Tara, DUNFORD Beth, *What value for pastoral livelihoods? An economic valuation of development alternatives for ephemeral wetlands in eastern Mauritania*, research, 2016, Springer open, 18 p., DOI 10.1186/s13570-016-0057-x.
  - SKALI Faouzi, *La Voie soufie*, "Spiritualités vivantes" coll., Albin Michel, 2000.
  - SOURDEL Janine, SOURDEL Dominique, *Dictionnaire historique de l'islam*, "Quadriga" coll., Paris, PUF, 2004, 962 p.
  - **State Secretariat attached to the Prime Minister in charge of the Environment**, *Stratégie nationale de développement durable*, report, Islamic Republic of Mauritania, October 2006, 35 p.
  - STRABO (towards -64 / +24), Greek Geographer, Historian and Geologist, *Geographica*, +23.
  - STOETZEL Jean, *La Psychologie sociale*, Paris, Flammarion, 1978.
  - SULKA Jean-Claude, *La Technicité et le Savoir-faire des bijoutiers sont remarquablement adaptés à leur production*, report, Department of Crafts (Mauritania), mission of craft guild in jewellery in Nouakchott, Mauritania, from 29 October to 17 November 2007,

- Permanent Assembly of Chambers of Trade, European Guide of Raid, Cosame Programme, 9 p.
- **TAIB** Mowafa, *The Mineral Industry of Mauritania*, 2009 Minerals Yearbook, US Department of the Interior, US Geological Survey (USGS), September 2011.
  - **TAIB** Mowafa, *The Mineral Industry of Mauritania*, 2010 Minerals Yearbook, US Department of the Interior, US Geological Survey (USGS), April 2012.
  - **TALBI** Mohamed, *L'Emirat aghlabide (186-296/800-909) - Histoire politique*, Paris, Maisonneuve, 6 March 1966, 767 p., 13 maps and tables, ISBN 9782720004933.
  - **TANS** Pieter, *Trends in atmospheric Carbon Dioxide: Mauna Loa*, National Oceanic and Atmospheric Administration, retrieved on 30 July 2012.
  - **TATA** Youssouf, **SAGOT-DUVAUROUX** Jean-Louis, *La Charte du Mandé et autres traditions du Mali*, Albin Michel, 2003.
  - **TERCHITT** Mezein, "L'Exode rural remet en cause l'ordre social en Mauritanie", article, 16 January 2014, Nouakchott, IRIN News, website of IRIN News, <https://www.irinnews.org>.
  - **The Koran**, Sura 6, Verse 142 and Sura 96, Verses 1 to 5.
  - **THORNTON** John, *Africa and Africans in the Making of the Atlantic World - 1400-1800*, 2<sup>nd</sup> edition, Cambridge University Press, 1998.
  - **TILLIER** Mathieu, qualified to teach in Arabic and Doctor in History from the Institut français du Proche-Orient, *Les Cadis d'Iraq et l'État abbasside (132/750-334/945)*, Damascus, 2009, PIFD, 869 p., ISBN 9782351590287.
  - **TISHKOFF** Sarah A. et al., "The Genetic Structure and History of Africans and African Americans", *Science*, issue no. 5930, volume 324, 22 May 2009, pp. 1035-1044.
  - **TOUPET** Charles, **PITTE** Jean-Robert, *La Mauritanie*, Que Sais-je, Paris, PUF, 1977.
  - **TOURTE** René, *Histoire de la recherche agricole en Afrique tropicale francophone - volume 1 : Aux sources de l'agriculture africaine : de la Préhistoire au Moyen Âge*, Rome, United Nations Food and Agriculture Organization (FAO), 2005.
  - **TRAORÉ** Alioune, *Introduction à la Mauritanie*, Paris, CNRS, 1979.
  - **UNDP (United Nations Development Programme)**, *Patrimoine, Tradition et Créativité au service du développement durable de la Mauritanie - Mémoire d'accord - Fonds espagnol pour la réalisation des objectifs du millénaire pour le développement (OMD)*,

- report, Unesco, UNFPA (United Nations Population Fund), Ministry of Economic Affairs and Development, Islamic Republic of Mauritania, 25 November 2008, 68 p.
- **United Nations Organization**, *Guide de l'investissement en Mauritanie – Opportunités et conditions*, report, New York and Geneva, UNCTAD/ITE/IIA/2004/4, March 2004, 78 p.
  - **VERGARA** Francisco, *Introduction à la Mauritanie*, Paris, CNRS, 1979.
  - **WALKER** E. Paul, *Exploring an Islamic Empire: Fatimid History and its Sources*, The Institute of Ismaili Studies, London, IB Tauris Publishers, 2002, ISBN I860646921.
  - **WEISS** Bernard G., **GREEN** Arnold H., *A Survey of Arab History*, Cairo, American University, Cairo Press, 1987.
  - **Worldwide Food Programme**, *Mauritanie : Sécurité alimentaire et nutritionnelle des ménages suite à la sécheresse et la hausse des prix des produits alimentaires*, summary note, United Nations Organization, July 2012, 6 p.
  - **YAHIA** Osman, Doctor from Al Azhar University (Cairo), Doctor in Literature from the University of Paris Sorbonne, Senior Researcher in CNRS, "Ismaélisme", article, *Encyclopaedia Universalis*, 1995.
  - **YOUNG** James A.T., **HASTENRATH** Stefan, *Glaciers of the Middle East and Africa: Glaciers of Africa*, US Geological Survey Professional Paper, no. 1386-G-3, Richard S. Williams Jr. and Jane G. Ferrigno, 1991, 24 p.

### ***Further reading:***

- **ARNAUD** Jean, *La Mauritanie - Aperçus historique, géographique et socio-économique*, Paris 6, Les Livres africains, 1972.
- **BALANDIER** Georges, **PERCIER** Paul, *Les Outils du forgeron maure*, Notes africaines, no. 33, January 1947.
- **BÉRAUD-VILLARS** Jean, *Les Touaregs au pays du Cid*, Paris, Plon, 1946.
- **BONTE** Pierre, *Les Derniers Nomades*, Solar, 7 October 2004, 222 p., ISBN 9782263037252.
- **BOUTROS** Ghali Wacyf, *La Traduction chevaleresque des Arabes*, Paris, Plon, 1919.

- **BRUNSCHVIG** Robert, *La Berbérie orientale sous les Hafssides - Des origines à la fin du XV<sup>e</sup> siècle*, volume 2, Paris, Publications de l'Institut d'Études orientales d'Alger, 1946.
- **CARITÉ** Didier, **COULOMBEL** Alain, *Richesses minérales de la Mauritanie*, exhibition, special issue no. 17, Bulletin du Club des Amis de la Nature in Mauritania, Saint-Exupéry Cultural Centre, Nouakchott, March 1981.
- **COULOMBEL** Alain, *Mollusques marins - Fossiles du quaternaire de Mauritanie*, special issue no. 16, Bulletin du Club des Amis de la Nature in Mauritania, Saint-Exupéry Cultural Centre, Nouakchott, 1974.
- **DELAFOSSÉ** Maurice (1870-1926), French colonial Administrator, Africanist, Ethnologist, Linguist, Teacher, *Les Civilisations disparues : les Civilisations négro-africaines*, Paris, Stock, 1925, 142 p.
- **DELAROSIÈRE** Marie-Françoise, *L'Art du cuir en Mauritanie ou le raffinement nomade*, Édisud, 2005, 95 p., ISBN 2744905542.
- **DREWAL** Henry John, **MASON** John, *Beads, Body, and Soul: Art and Light in the Yoruba Universe*, Los Angeles: Fowler Museum of Cultural History, 1998, 288 p.
- **DREWAL** Henry John, *Mami Wata: Arts for Water Spirits in Africa and Its Diasporas*, Los Angeles: Fowler Museum of UCLA and University of Washington Press, 2008, 227 p.
- **DUBIÉ** Paul, *Monnaies et Mesures en Mauritanie*, 5<sup>th</sup> International Conference of West Africa, volume 2, Dakar, 1951.
- **FLINT** Bert, *Forme et Symbole dans les arts du Maroc - Bijoux, Amulettes*, catalogue, volume 1, Rabat, 1973.
- **GABUS** Jean, *Au Sahara : les Hommes et leurs Outils*, Neufchâtel, La Baconnière, 1955.
- **GAUDIO** Attilio, *Les Civilisations du Sahara*, Belgium, Marabout Université, Presses de Gérard et Cie, 1967.
- **GRITZNER** Jeffrey A., *Environmental Degradation in Mauritania*, Staff Report, Washington DC, National Academy Press, 1981.
- **GRITZNER** Jeffrey A., *The West African Sahel: Human Agency and Environmental Change*, University of Chicago Geography Research Papers, ISBN 9780890651308, 1989.
- **GRITZNER** Jeffrey A., **GRITZNER** Charles F., *North Africa and the Middle East*, Series "Modern World Cultures", Chelsea House Publishers, 2006, ISBN 9780791081457, 120 p.

- **HALL** Thomas D., **FENELON** James V., *Indigenous Peoples and Globalization: Resistance and Revitalization*, Boulder, Colorado, USA, Paradigm Press, 2009, ISBN 9781594516580.
- **HERMANS** Jean-Michel, *Les Némadis, Chasseurs-cueilleurs du désert mauritanien*, Master's thesis in Ethnology, Faculty of Paris X Nanterre, Edilivre, 2013, ISBN 9782332564375.
- **HUARD** Paul, "Nouvelles Gravures rupestres du Djado, de l'Afafi et du Tibesti", *Bulletin de l'IFAN*, no. 1-2, volume 19, series B, 1957.
- **La Baleine**, *Au pays de l'or blanc - Spécial Sahara*, no. 17, Bulletin des Membres du personnel du Groupe de la Compagnie des Salins du Midi et des Salines de Djibouti, Paris, Jean Colombet printing house, 1964.
- **LERICHE** Albert, "Mesures maures", *Bulletin de l'IFAN*, no. 4, 1951.
- **LHOTE** Henri, *Au Tassili - Peintures préhistoriques du Sahara*, Musée des Arts décoratifs, 1957-1958.
- **MARCHESIN** Philippe, *Tribus, Ethnies et Pouvoir en Mauritanie*, Karthala, 1 February 2010, 444 p., ISBN 9782811102869.
- **MAUNY** Raymond, "Fabrication des perles de verre en Mauritanie", *Notes africaines*, no. 44, October 1949.
- **M'BAYO** Tamba E., *Muslim Interpreters in Colonial Senegal, 1850-1920: Mediations of Knowledge and Power in the Lower and Middle Senegal River Valley*, Lexington Books, 2016, ISBN 9781498509985, 234 p.
- **MIGEON** Gaston, *Manuel d'art musulman*, volume 1, Arts plastiques et industriels, Paris, Auguste Picard, 1927.
- **OSENDA** P., *Quelques plantes utiles en Mauritanie*, Panorama 29, Bulletin de Liaison of Saint-Exupéry Cultural Centre, Nouakchott, February 1981.
- **OULD AHMEDOU** El Ghassem, *Eléments pour une symbolique maure : De la dune au puits : essai ethnographique*, L'Harmattan, 2001, 176 p., ISBN 2747506967.
- **OULD DADI** Ethmane, *Oualata : Une nouvelle approche des sources d'une cité de Mauritanie orientale*, Master's thesis, University of Paris I, Centre de Recherches africaines, October 1982.
- **RETAILLÉ** Denis, *La Ville ou l'État ? Développement politique et Urbanité dans les espaces nomades ou mobiles (Mauritanie, Sénégal, Inde et retour)*, "Publications des universités de Rouen et du Havre" coll., Presses universitaires de Rouen, June 2006, 320 p., ISBN 9782877754019.
- **SURET-CANALE** Jean, *Afrique noire occidentale et centrale - Géographie, Civilisations, Histoire*, Paris, Éditions sociales, 1973.

- **TAUZIN** Aline, *Le Henné, Art des femmes de Mauritanie*, Ibis Press-Unesco, 1998, 64 p., ISBN 2910728056.
- **THOUZERY** Michel, **OULD MOHAMED VALL** Abdellahi, *Plantes médicinales de Mauritanie - Remèdes traditionnels et guérisseurs, du Sahara au fleuve Sénégal*, Association "Plantes et Nomades", 2011, 287 p., ISBN 9782746633643.
- **TRAORÉ** Alioune, *Contribution à l'étude de l'islam : Le Mouvement tijanien de Cheikh Hama Houllah*, Doctoral thesis, University of Dakar, 1975.
- **VALENTIN** Jean-Pierre, **LORSIGNOL** Paul, *Horizons nomades : Mauritanie - Niger*, Anako, November 2003, 128 p., ISBN 9782907754873.
- **VERNET** Robert, *La Préhistoire en Mauritanie*, Panorama 26, Bulletin de Liaison of Saint-Exupéry Cultural Centre, Nouakchott, 1978.

## Consulted websites (2013 to 2018):

- **Adrar-Info** : General, cultural and historical information about the Mauritanian region of Adrar: <http://adrar-info.net>.
- **Agence mauritanienne d'information** : <http://http://fr.ami.mr>.
- **Agrhymet** : Specialized institution of the Inter-State Committee for Drought Control in the Sahel (CILSS): <http://www.agrhymet.ne>.
- **Algérie360** : <https://www.algerie360.com>.
- **ANI** (Information Agency of Nouakchott) : <http://www.ani.mr>.
- **Answers** : <http://www.answers.com>.
- **Astrosurf** : Information on astronomy, physics, ecology and meteorology, "Météorologie", rubric *Les Masses d'air*: <http://www.astrosurf.com/luxorion>.
- **Berkeley Earth** : "Mauritania": <http://berkeleyearth.lbl.gov/regions/mauritania>.
- **Bird Life International** : <http://www.birdlife.org/datazone/home>.
- **Central Information Agency** : Government of the United States, rubric "Library", publications, "Mauritania": <https://www.cia.gov>.
- **CIRAD** (Centre of International Cooperation in Agricultural Research for Development) : <http://camelides.cirad.fr>.
- **Clio** : Cultural travels: <http://www.clio.fr>.
- **CountryWatch** : Up-to-date news and accurate information on countries: <http://www.countrywatch.com>.
- **Coopération du Réseau des Chambres de Métiers et de l'Artisanat de France** : <http://www.co-cma.fr>.

- **Cridem** : <http://www.cridem.org>.
- **Digital Library on Mauritania** : <http://www.mr.refer.org>.
- **Dune Voices Info** : <http://www.dune-voices.info>.
- **Éducation Météo France** : <http://education.meteofrance.com>.
- **Elwatan** : [www.elwatan.com](http://www.elwatan.com).
- **Ethnographiques.org** : International magazine on human and social sciences: <http://www.ethnographiques.org>.
- **FAO (United Nations Food and Agriculture Organization)** : <http://www.fao.org>.
- **Francophonie** : <http://www.francophonie.org>.
- **Freedom House** : Independent watchdog organization dedicated to the expansion of freedom and democracy around the world: <https://freedomhouse.org>.
- **Freetranslation** : Online dictionary and translation: <https://www.freetranslation.com>.
- **Global Plants** : Large database of plants: <http://plants.jstor.org>.
- **Humanitarian response** : [www.humanitarianresponse.org](http://www.humanitarianresponse.org).
- **IFAD (International Fund for Agricultural Development)** : <http://www.ifad.org>.
- **ILO (International Labour Organization)** : <http://www.ilo.org>.
- **IMF (International Monetary Fund)** : <http://www.imf.org>.
- **International Democracy Watch** : <http://www.internationaldemocracywatch.org>.
- **International Rivers** : <http://www.internationalrivers.org>.
- **Interpol** : <http://www.interpol.int>.
- **IOM (International Maritime Organization)** : <http://www.imo.org>.
- **IRIN News** : <https://www.irinnews.org>.
- **Liberté-Algérie** : <https://www.liberte-algerie.com>.
- **Linguee** : Editorial dictionary and translation: <http://www.linguee.com>.
- **Mampuya Centre** : Tourist centre in Senegal: <http://www.mampuya.org>.
- **Mappe Monde** : Quarterly magazine on geographical images and forms of territories with the support of the INSHS of CNRS: <http://mappemonde.mgm.fr>.
- **Mauritanie-Découverte** : <http://www.mauritanie-decouverte.net>.
- **Millenium Development Goal Achievement Fund (MDG-F)** : <http://www.mdgfund.org>.
- **Ministry of Culture and Crafts (Islamic Republic of Mauritania)** : <http://www.culture.gov.mr>.
- **Ministry of Livestock (Islamic Republic of Mauritania)** : <http://www.elevagerim.com>.
- **Ministry of the Environment and Sustainable Development (Islamic Republic of Mauritania)** : <http://www.environnement.gov.mr>.



- NCBI (National Centre for Biotechnology Information) :  
<http://www.ncbi.nlm.nih.gov>.
- **Noor Info** : <http://www.noorinfo.com>.
- OECD (Organization for Economic Cooperation and Development) :  
Secretariat of the Sahel and West Africa Club: <http://www.oecd.org>.
- **Persée** : Scientific documents about human and social sciences;  
programme sustained by the French Ministry of higher Education and  
Research: <http://www.persee.fr/web/revues>.
- **Prota4U** : Plant resources of tropical Africa: <http://www.prota4u.org>.
- **Radiation Effects Research Foundation** : A cooperative Japan-US  
Research Organization: <http://www.rerf.jp>.
- **ReliefWeb** : Leading humanitarian information source on global crises  
and disasters; specialized digital service of the UN Office for the  
Coordination of Humanitarian Affairs (OCHA): <http://reliefweb.int>.
- **Reverso** : Online dictionary and translation:  
<http://dictionnaire.reverso.net>.
- RFI (**Radio France internationale**) : <http://www.rfi.fr>.
- **Sahara-Nature** : Information about fauna and flora in the Sahara:  
<http://www.sahara-nature.com>.
- UNESCO : <http://www.unesco.org>.
- UNIDO (United Nations Industrial Development Organization) :  
<http://www.unido.org>.
- UNO (United Nations Organization) : Section "Treaties":  
<http://treaties.un.org>.
- USGS (US Geological Survey) : <http://www.usgs.gov>.
- **US Library of Congress** : Country studies, "Mauritania":  
<http://countrystudies.us/mauritania>.
- WCO (World Custom Organization) : <http://www.wcoomd.org>.
- WHO (World Health Organization) : Country "Mauritania":  
<http://www.who.int>.
- WIPO (World International Property Organization) : <http://www.wipo.int>.
- **World Bank** : <http://web.worldbank.org>;  
<http://www.banquemondiales.org>.
- **Worldlingo** : Online dictionary and translation:  
<http://www.worldlingo.com>.
- **Zamane** : Contemporary and past history of Morocco:  
<http://www.zamane.ma>.

## About the Authors



**Brigitte Sigburg HIMPAN**, bearing the artist's name **HYMPAN**, is a professional Artist Painter, quoted on the market of Art. She received numerous awards and honours, as well as the Laureate of the Golden Book of Human Values in 1974 and the title of Academician Chevalier in Art section from the International Academy Greci-Marino (Italy) in 2005.

Due to her artistic sensibility, she has always been fascinated by discovering and appreciating various cultures: Eastern, Arabic, Indian, and Asian. Therefore, right from the beginning of the 1960s, the author did not hesitate to visit on her own Iran, Turkey, Jordan, then Egypt, Mauritania, Nepal, Sri Lanka and finally India, the country where she chose to live in. Her desire of understanding and her fascination, among other things, for the desert led her to deepen one country in particular during her university studies: Mauritania.

Brigitte HIMPAN got a diploma of General Academic Studies in the section of Fine Arts and two Bachelor's degrees in Fine Arts and in Sciences of Education at the University of Paris VIII (France). In 1983, she obtained a Master's degree in Fine Arts with First Class Honours at the University of Paris VIII with the thesis entitled: *La Vie quotidienne des nomades mauritaniens à travers leurs objets usuels* (translation: The everyday Life of the Mauritanian Nomads through their usual Objects). This Master's thesis is referenced in the library of *Institut du Monde Arabe* (IMA) in Paris.

Then, in 1986, she got the First Class Honours for a post-graduate pre-PhD thesis (DEA) in Philosophy of Art and Culture at the University of Panthéon-Sorbonne Paris 1 (France) with the subject: *L'Identité culturelle des nomades mauritaniens* (translation: The Cultural Identity of the Mauritanian Nomads).

Thus, in view of making available and sharing with you the updated content of these two dissertations of studies, Brigitte HIMPAN presents you this book named *Nomads of Mauritania*. The author also brings complementary information about the nomads of Mauritania and new and unpublished points of view over the Mauritanian nomadic art, reflection of their cultural identity.



**Diane HIMPAN-SABATIER**, a graduate of the Higher Institute of Management (ISG, Paris) in 1994 and the Higher School of Cinema Studies (ESEC, Paris) in 1996, is also the author of a post-graduate pre-PhD thesis at the School of International High Studies (EHEL, Paris) in 1996. Furthermore, she spent nine months of her life in Mauritania through several stays from 1981 to 1992, during which she got acquainted with and was interested in the Mauritanian culture. Therefore, through some research work, she participated in the completion of this book by elaborating and providing relevant and unpublished points of view over the following subjects, of which she is the author:

- the desertification of the Sahara and Mauritania;
- the history of Mauritania before colonization;
- nomadism, the Mauritanian nomads' way of life;
- the nomads and the current Mauritanian society;
- the Mauritanian crafts of today;
- the motifs of water, the well or « eye of the source »;
- and what has become of the Mauritanian nomads?

She also contributed to the update of data and the layout of this book. Furthermore, she created the maps and an original cover of the book, as well as the representation of the motifs and drawings. Finally, she translated the original French version of this book into English.

# Index

## A

- Abbasid, 104, 105, 106, 110, 117,  
118, 324, 325, 451, 466, 489
- Acacia flava, 48
- Acacia nilotica, 48, 265, 279, 451,  
454
- Acacia raddiana, 242, 264, 451,  
491
- Acacia Senegal, 23, 51, 397, 451,  
452
- Acacia seyal, 23, 265, 279, 397,  
452, 491, 494
- Acacia tortilis, 48
- Acheulean, 62, 452
- activities of the nomads, 165, 391,  
395
- breeding, 14, 66, 72, 73, 75, 78,  
79, 81, 93, 98, 166, 175, 189,  
191, 204, 205, 210, 211, 213,  
217, 387, 391, 396, 397, 399,  
401, 402, 404, 410, 412, 415,  
422, 448, 449, 466. See also  
nomadism, semi-  
nomadism
  - development of date palm  
groves. See also dates
  - exploitation of salt mines. See  
also salt
  - trade, 93, 98, 166, 167, 168,  
169, 170, 171, 172, 173, 175,  
189, 391, 396, 397
- Affolé, 38, 60, 452
- Aftout es-Saheli, 19, 34, 54, 453
- Ahmed Ould M'Hamed Ould  
Aida, 140, 453, 487
- Aklé, 228, 453
- Al Ghazali, 117, 327, 454, 470
- alloy, 294, 295, 297, 486
- Almohad, 110, 117, 118, 328, 329,  
454, 470
- Almoravid, 59, 91, 112, 113, 114,  
115, 116, 117, 139, 161, 169,  
170, 181, 324, 327, 328, 446,  
452, 454, 455, 456, 461, 476
- Amsaga, 34, 44, 45, 60, 454
- amulet, 285, 287, 329, 331, 345,  
354, 357, 467, 473
- ancient inhabitants, vii, 72, 90,  
92, 93, 98, 111, 165, 179, 191,  
192, 195, 197, 269, 326, 329,  
330, 333, 376, 446, 455, 456,  
459, 476, 483, 484, 488, 492,  
495
- Bafours, 72, 82, 83, 84, 85, 90,  
92, 93, 111, 161, 194, 197,  
446, 455, 456
- black ethnicities, 72, 75, 77, 78,  
79, 80, 81, 82, 83, 85, 86, 90,  
92, 93, 101, 131, 161, 175,  
176, 179, 189, 191, 192, 195,  
197, 200, 285, 292, 298, 324,  
327, 328, 329, 332, 333, 335,  
341, 376, 393, 423, 425, 426,  
427, 431, 446, 455, 456, 466,  
480, 493. See also first  
inhabitants
- Indo-Berbers, 72, 80, 81, 82,  
83, 85, 88, 89, 90, 91, 92,

- 161, 197, 329, 330, 446, 455,  
456, 458, 486
- Persians, 72, 89, 90, 92, 93, 161,  
197, 446, 455, 456, 483
- white Canarians, 72, 75, 79,  
82, 84, 85, 86, 87, 88, 89, 90,  
92, 93, 101, 116, 161, 195,  
197, 446, 455, 456, 459, 480
- animals, 36
- farmed animals, 36, 210, See  
also camel, dromedary,  
gazelle
- wildlife. See wildlife
- animism, 58, 78, 101, 122, 123,  
125, 126, 324, 328, 455
- anticyclone, 16, 455
- Azores High, 17
- Saint Helena anticyclone, 17,  
18
- AOF, 66, 135, 141, 142, 143, 144,  
145, 146, 150, 153, 455, 466
- Arab tribes, 59, 109, 110, 111, 112,  
116, 118, 141, 143, 147, 181,  
189, 326, 327, 328, 331, 332,  
393, 431, 434, 452, 454, 456,  
460, 476, 479
- Banu Hassan, 59, 109, 110,  
111, 118, 185, 326, 332, 457,  
472
- Banu Hilal, 109, 110, 113, 326,  
457
- Banu Mansour, 109, 110, 326,  
457
- Banu Maqil, 109, 110, 113, 118,  
129, 185, 326, 457, 460
- Banu Sulaym, 109, 110, 113,  
326, 457
- Kounta, 140, 150, 464, 473
- Oulad Bousba, 144, 147, 151,  
203, 483
- Oulad Dleim, 146, 147, 148,  
149, 151, 483
- Oulad Gueilane, 140, 142, 144,  
148, 483
- Arabs, 70, 72, 91, 92, 93, 101, 102,  
103, 104, 107, 111, 112, 113,  
117, 124, 130, 132, 139, 140,  
159, 161, 169, 170, 173, 179,  
181, 183, 185, 188, 191, 194,  
197, 322, 323, 328, 332, 333,  
334, 376, 393, 446, 451, 452,  
460, 464, 465, 480, 495, See  
also Almoravid, Arab tribes,  
caste warrior, Umayyad
- Arabs-Berbers, 70, 80, 90, 92, 93,  
95, 96, 101, 103, 104, 105, 107,  
110, 111, 112, 113, 116, 117,  
129, 130, 132, 161, 169, 179,  
183, 189, 191, 192, 194, 197,  
323, 328, 333, 446, 452, 458,  
478, 480, 495
- Berabich, 91, 150, 458
- Idawalis, 130, 470
- Idou Aich, 139, 143, 470
- Lemtouna, 91, 93, 107, 129,  
455, 460, 474
- Regueybat, 141, 142, 144, 146,  
147, 148, 149, 150, 151, 203,  
467, 484, 485
- Sanhadja, 90, 91, 92, 93, 106,  
110, 111, 112, 113, 117, 139,  
141, 188, 189, 197, 327, 332,  
454, 456, 458, 470, 474, 476,  
480, 484, 486, 490, 495, 496
- Aristida pungens*, 264, 453, 455,  
456
- art of the Mauritanian nomads,  
ix, 344
- art influenced by Islam and  
pre-Islamic beliefs, 374, 376
- art influenced by the desert,  
375
- bi-dimensional and tri-  
dimensional art, 380

- ephemeral living art, ix, 7, 8,  
9, 161, 344, 346, 347, 349,  
447, 465
- ephemeral usual art, ix, 7, 8, 9,  
10, 161, 344, 345, 347, 349,  
350, 369, 370, 371, 372, 373,  
374, 375, 376, 377, 378, 379,  
380, 381, 382, 383, 384, 446,  
447, 448, 449, 465
- geometrical-abstract art, 244,  
262, 265, 266, 278, 282, 285,  
287, 288, 298, 317, 345, 346,  
347, 374, 376, 377, 382, 383,  
384, 447, 448, 449, 467, 494
- meanings of motifs and  
drawings, 350, 354, 358,  
362, 365, 368, See also eye  
of the source
- nomadic art, 9, 71, 344, 345,  
347, 371, 373, 374, 376, 378
- reflection of the Mauritanian  
nomads' cultural identity,  
382
- top view perspective of the  
art, 285, 350, 358, 377, 378
- usual objects as ephemeral  
supports of the art, 370
- Aterian, 64, 455
- Awdaghost, 91, 93, 100, 107, 108,  
113, 114, 170, 455, 474
- Awker, 44, 45, 60, 66, 78, 79, 82,  
92, 100, 104, 113, 114, 116, 121,  
455, 464, 475, 492
- Azawad, 137, 142, 150, 162, 456,  
460
- Azougui, 11, 44, 78, 85, 86, 92,  
111, 114, 116, 196, 327, 334,  
456, 475
- B**
- backwater, 45, 61, 206, 365, 456
- bag, 272
- Balanites aegyptiaca, 242, 457,  
491
- Bambuk, 72, 94, 99, 100, 107, 114,  
121, 123, 126, 457
- Banc d'Arguin, 13, 40, 54, 218,  
233, 395, 399, 403, 411, 412,  
414, 443, 457, 459, 471
- Barbary, 80, 132, 457, 461, 473  
desert of Barbary, 132, 458,  
462
- Batem, 18, 458, 464
- Bauhinia rufescens, 264, 458, 480
- Bay of Lévrier, 64, 234, 458
- Berbers. See Arabs-Berbers,  
ancient inhabitants
- Borassus aethiopicum, 263, 458,  
484
- Bouré, 94, 100, 107, 114, 119, 125,  
126, 459
- Boutilimit, 13, 46, 54, 92, 152, 199,  
305, 306, 335, 459
- boxes  
metal box, 295  
wooden box inlaid or covered  
with metal, 288, 289, 305
- Bundu Kingdom, 126, 459
- butter, 220, 272  
butter skin, 220, 271, 453, 480
- C**
- calabash, 194, 209, 218, 219, 220,  
282, 283, 284, 285, 286, 345,  
354, 357, 360, 361, 447, 455,  
456, 467, 472, 473, 488, 491,  
495
- Calotropis procera, 287, 459, 493
- camel, 14, 36, 45, 61, 70, 71, 141,  
143, 147, 151, 165, 166, 167,  
171, 173, 179, 184, 193, 205,  
210, 211, 213, 214, 216, 217,  
218, 220, 222, 224, 225, 227,  
228, 230, 233, 236, 237, 238,

- 239, 257, 258, 272, 274, 281,  
286, 293, 341, 355, 370, 391,  
395, 396, 398, 399, 401, 411,  
412, 414, 416, 443, 444, 447,  
448, 452, 458, 459, 464, 469,  
486, 493  
camel saddle, 194, 238, 274,  
276, 303, 305, 345, 360, 365,  
370, 447  
Cape Blanc, 62, 64, 88, 127, 128,  
172, 234, 458, 459  
Caspian, 81, 460  
caravan, viii, 93, 94, 101, 103, 106,  
107, 108, 114, 116, 118, 167,  
168, 169, 170, 171, 173, 214,  
236, 237, 249, 325, 375, 391,  
444, 461, 479, 483, 492, 493  
caravan nomad, 167, 189, 236,  
238, 460  
Carthaginian, 86, 94, 95, 96, 101,  
171, 460  
caste, viii, 8, 9, 76, 79, 130, 174,  
175, 179, 183, 184, 185, 186,  
188, 189, 190, 192, 193, 194,  
196, 198, 199, 200, 201, 202,  
207, 208, 254, 256, 257, 258,  
309, 311, 315, 322, 371, 372,  
392, 446, 447, 448, 458, 460,  
470, 476, 495  
marabout, 130, 131, 184, 185,  
186, 187, 188, 189, 190, 198,  
199, 330, 331, 332, 334, 335,  
345, 371, 385, 447, 467, 476,  
480, 490, 492, 493, 495  
tributary, 92, 130, 184, 185,  
187, 188, 189, 190, 191, 192,  
193, 197, 198, 199, 200, 209,  
228, 250, 251, 369, 385, 386,  
399, 431, 451, 468, 469, 470,  
473, 476, 480, 481, 492, 493,  
See also tributaries  
warrior, 96, 104, 112, 117, 130,  
133, 138, 140, 162, 169, 183,  
184, 185, 186, 187, 188, 189,  
190, 191, 198, 199, 217, 221,  
227, 237, 246, 251, 327, 330,  
335, 343, 345, 348, 349, 371,  
372, 385, 435, 447, 451, 453,  
465, 467, 469, 478, 480, 483,  
493, 495  
cereal, 181, 234, 235  
millet, 67, 73, 76, 77, 79, 168,  
181, 193, 222, 227, 235, 236,  
237, 238, 248, 264, 271, 281,  
292, 293, 341, 411, 458, 462,  
464, 467, 470, 483, 485, 488,  
490, 491  
Char Bouba war, 129, 460  
Charg, 137, 460  
Charter of Mandé, 120, 121  
Chenopodium murale, 206, 461  
Chinguetti, 11, 30, 114, 122, 133,  
139, 147, 148, 150, 151, 152,  
163, 170, 306, 335, 461  
Cistanche phelypaea, 206, 271,  
461  
cities (ancient), 52, See  
Awdaghost, Azougui,  
Boutilimit, Chinguetti,  
Koumbi Saleh, Ouadane,  
Oualata, Tichitt, Tidjikja  
City of dogs. See Azougui  
City of libraries. See Chinguetti  
Civil Territory of Mauritania,  
144, 461  
climate, 13, See also climatic  
warming, seasons  
climate and way of life, 164,  
179, 445, 481  
coastal climate, 15  
evolution, 41, 43, 44, 46, 69,  
82, 120

- meteorological factors  
     influencing the climate, 17  
 Saharan climate, 14, 26, 51,  
     128, 163, 210, 216, 259, 261,  
     462  
 Sahelian climate, 14, 15, 26,  
     210  
 climatic warming, 43, 46, 50, 57,  
     72, 109, 392, 402, 411, 417, 462,  
     468, See also climate  
     evolution, deforestation,  
     desertification, drought,  
     overpopulation  
     causes, 44, 46, 47, 48, 49, 403  
     consequences, 49, 50, 54, 57,  
     182, 410, 462  
     measures, 57, 58  
 colonization of Mauritania, 133,  
     153  
     French geopolitical strategy in  
     West Africa, 133  
     military colonization, 146  
     peaceful colonization, 142  
     resistance of the emirates and  
     Moors, 136, 137, 138, 139,  
     141, 144, 145, 146, 147, 148,  
     149, 150, 151, 153  
*Commiphora africana*, 246, 287,  
     452, 461  
 copper, 27, 28, 31, 32, 65, 67, 90,  
     128, 141, 179, 230, 288, 289,  
     291, 294, 295, 296, 297, 447,  
     486  
 Coppolani Xavier, 135, 141, 142,  
     143, 145, 146, 461  
 Country of gold, 100, 467  
 Country of the Berbers, 132, 457  
 Country of the Blacks, 197, 458  
 Country of the Moors, 84, 132,  
     457, 461, 473  
 Country of the Whites, 197, 458  
 crafts, 300, See also objects  
     (traditional)  
     assets, 306  
     challenges, 308  
     characteristics, 300  
     localization of the production,  
     304  
     measures and solutions, 312  
 cushion, 275
- ## D
- Dalbergia melanoxylon*, 290, 462  
 dam, 20, 21, 22, 23, 25, 40, 49, 90,  
     468, 469  
 date skin, 222, 271, 460  
 dates and date palm groves, 24,  
     25, 52, 140, 167, 168, 173, 180,  
     220, 221, 222, 223, 224, 234,  
     248, 255, 262, 270, 271, 330,  
     341, 385, 391, 445, 468  
 deforestation, 23, 37, 43, 44, 46,  
     47, 48, 66, 95, 97, 98, 127, 232,  
     462  
 Denianke dynasty, 123, 126, 131,  
     462  
 desertification, vii, 7, 8, 21, 41, 45,  
     49, 54, 55, 57, 59, 70, 71, 98,  
     119, 158, 161, 162, 163, 164,  
     165, 174, 175, 341, 386, 387,  
     403, 445, 462  
 Dhar, 63, 458, 462, 464, See also  
     line of Dhar  
 Diarra Kingdom, 104, 107, 119,  
     121, 463, 488  
*Diospyros crassiflora*, 290, 463  
 Djolof Empire, 122, 123, 125, 126,  
     463, 495  
 dromedary, 44, 98, 103, 166, 173,  
     213, 214, 215, 216, 236, 237,  
     238, 239, 246, 251, 257, 262,  
     266, 274, 356, 357, 448, 455,



458, 459, 460, 464, 469, 479,  
493  
dromedary of the Sahel, 214,  
485  
mehari, 479  
Saharan dromedary, 214, 215,  
452  
drought, 18, 21, 22, 25, 38, 49, 50,  
51, 52, 53, 55, 56, 57, 59, 76, 79,  
114, 116, 150, 155, 156, 157,  
158, 199, 204, 206, 207, 210,  
211, 213, 227, 248, 249, 262,  
330, 337, 338, 341, 343, 384,  
386, 389, 392, 393, 401, 402,  
411, 414, 436, 437, 448, 453,  
464, 470, 472  
dune, 19, 194, 228, 453, 465, 475,  
491  
dye (natural), 64, 67, 87, 89, 161,  
190, 264, 272, 281, 297, 298,  
301, 305, 310, 346, 347, 451,  
454, 464, 470, 475, 480, 484,  
490

## E

ebony, 288, 289, 290, 291, 296,  
297, 304, 305, 462, 463  
El Beyyed, 61, 62, 464  
El Djouf, 44, 60, 464  
El Hank, 60, 464  
emerged countries, 177, 464, 489  
emir, 149, 153, 175, 179, 217, 227,  
251, 435, 465, See also  
emirates  
emirates, 9, 13, 117, 130, 136, 140,  
141, 142, 152, 186, 187, 343,  
435, 465  
Emirate of Adrar, 138, 139,  
186  
Emirate of Brakna, 131, 137,  
138, 141

Emirate of Tagant, 139, 141,  
186, 470  
Emirate of Trarza, 131, 137,  
138, 139, 141, 186  
endogamy, 199, 465  
erg, 60, 203, 460, 465, 470, 475,  
483, 486  
erg Chech, 60, 141, 465, 485  
erg Iguidi, 60, 464, 465  
erg Ouarane, 60, 465  
Essahel, 136, 465  
exodus, 262, 386  
nomadic exodus, 49, 52, 210,  
248, 385, 386, 472, 481  
rural exodus, 49, 52, 385, 386,  
387  
eye of the source (motif of water  
in art), 288, 350, 358, 359, 360,  
361, 368, 378, 456

## F

Fatimid, 104, 106, 107, 108, 110,  
326, 327, 465, 472  
filigree, 291, 294, 295, 466  
first inhabitants, 72, 78, 79, 90,  
189, 195, 466, 487  
Bambaras, 77, 191, 197, 457,  
476  
Dyulas, 77, 105, 176, 322, 323,  
464, 476  
Mandinkas, 72, 77, 78, 93, 104,  
105, 119, 122, 123, 126, 161,  
176, 192, 197, 324, 333, 455,  
457, 462, 463, 464, 475, 476,  
488  
Peuls, 26, 72, 73, 74, 75, 76, 77,  
78, 83, 93, 100, 115, 123,  
126, 158, 161, 176, 190, 191,  
197, 200, 210, 213, 235, 286,  
330, 337, 393, 400, 448, 455,  
462, 484, 492, 495

- Serers, 72, 73, 78, 93, 100, 115, 126, 161, 176, 195, 197, 455, 487, 495
- Soninkes, 72, 75, 77, 78, 93, 100, 103, 104, 105, 107, 125, 126, 158, 161, 176, 191, 192, 197, 200, 298, 322, 323, 324, 455, 464, 476, 488
- Toucouleurs, 26, 72, 73, 75, 77, 78, 93, 100, 105, 113, 122, 126, 131, 161, 176, 197, 234, 322, 323, 455, 459, 464, 492
- Wolofs, 72, 73, 76, 78, 93, 100, 114, 122, 126, 137, 161, 191, 197, 200, 455, 495
- flood, 25, 49, 51, 53, 54, 56, 59, 463, 483, 491
- forest, 22, 23, 24, 43, 47, 48, 49, 57, 69, 71, 116, 406, 415, 462, See also deforestation
- Fouta-Toro, 99, 107, 115, 121, 122, 123, 131, 137, 138, 139, 176, 462, 466, 492
- French West Africa. See AOF
- ## G
- Galam, 94, 99, 100, 107, 121, 125, 126, 131, 134, 459, 467
- gazelle, 36, 38, 45, 232, 270, 350, 351, 352, 485
- geographical areas, 60, See also Affolé, Amsaga, Aklé, Awker, Azawad, Batem, Dhar, El Djouf, El Hank, erg, Kreb, line of Dhar, Makteir, Méréyé, Mujabat al Koubra
- geological zones, 28
- Ghana Empire, 45, 91, 95, 98, 99, 100, 101, 103, 104, 105, 107, 108, 112, 113, 114, 116, 118, 119, 121, 161, 168, 170, 171, 180, 321, 322, 323, 324, 326, 333, 454, 455, 463, 464, 467, 473, 475, 483, 488, 494
- glaciation, 41, 42, 43, 46, 467, 470, 484
- globalization, 308, 316, 384
- gold, 27, 28, 31, 32, 33, 76, 94, 95, 99, 101, 103, 104, 125, 129, 168, 172, 176, 236, 294, 295, 334, 349, 466, 467, 486
- gold mines in West Africa, 72, 94, 99, 100, 107, 119, 121, 125, 126, 172, 457, 459, 467, 474
- granulation, 294, 295, 467
- grigri, 331, 467
- groundwater, 21, 22, 45, 52, 57, 207, 221, 409, 410, 417, 494
- Guebla, 136, 468
- guelta, 21, 38, 68, 206, 468
- gum arabic, 23, 104, 125, 126, 130, 168, 172, 176, 397, 452
- ## H
- Happy Arabia, 84, 109, 468
- harmattan, 17, 18, 468
- henna, 190, 222, 235, 245, 304, 346
- ## I
- Ibadism, 105, 106, 107, 181, 322, 323, 325, 327, 328, 340, 446, 469, 470, 472, 476
- Iberian-Maurusian, 81, 90, 91, 470
- Ifriqiya, 91, 102, 106, 107, 110, 465, 470
- Indigofera tinctoria, 281, 297, 470
- industrialization, 46, 320, 341
- interglacial period, 41, 42, 43, 46, 462, 470, 484
- Intertropical Convergence Zone, 16, 17, 471, 472

Intertropical Front, 16, 471  
iron, 27, 28, 30, 31, 35, 90, 128,  
153, 156, 179, 226, 230, 243,  
244, 260, 265, 281, 285, 286,  
288, 289, 295, 296, 297, 352,  
353, 447, 464, 479, 496  
Islam, 101, 117, 118, 142, 188, 202,  
225, 321, 322, 323, 324, 326,  
328, 329, 330, 331, 334, 335,  
338, 339, 341, 342, 350, 368,  
375, 376, 378, 446, 448, 461,  
472, 475, 487, 489, 490, See  
also Ibadism, Ismaelism,  
Kharijism, Malikism, Shiism,  
Sufism, Sunnism  
conversion, 59, 105, 106, 107,  
110, 111, 113, 115, 122, 126,  
131, 322, 323, 324, 325, 326,  
327, 332, 464  
diffusion, 102, 104, 105, 125,  
181, 321, 323, 324, 325, 333,  
464  
pre-Islamic beliefs, 8, 12, 79,  
101, 240, 244, 281, 285, 287,  
293, 328, 329, 330, 331, 339,  
350, 354, 357, 376, 446, 463,  
473  
Island of Arguin, 88, 95, 127, 128,  
459, 471  
Island of Cerné, 95, 471  
Ismaelism, 106, 107, 108, 110, 112,  
117, 181, 325, 326, 327, 328,  
446, 465, 471, 472, 476, 487  
isohyet, 49, 55, 403, 472

## J

jewel, 304, 305  
gold and silver jewellery, 294,  
295, 466, 467  
wooden jewel inlaid with  
metal, 290, 291, 305, 447  
*Juncus maritimus*, 264, 472, 495

## K

Kediet ej-Jill, 18, 30, 34, 147, 151,  
236, 472, 487  
Kharijism, 105, 106, 107, 181, 322,  
323, 325, 328, 339, 469, 470,  
472, 473, 476  
Kingdom of the Moors, 96, 132,  
457, 461, 473, 477  
Koumbi Saleh, 13, 100, 112, 113,  
114, 125, 326, 334, 473, 488  
Kreb, 61, 473

## L

lagoon, 19, 54, 453  
lake, 19, 20, 38, 40, 42, 45, 57, 61,  
66, 68, 73, 78, 79, 206, 207, 400,  
401, 403, 456, 487  
languages  
Arabic, 59, 86, 103, 104, 105,  
106, 107, 111, 152, 161, 162,  
181, 323, 325, 331, 332, 333,  
334, 335, 442, 446, 469  
Azer, 332, 333, 456  
Fulani, 74, 77, 333, 335  
Hassaniya, ix, 8, 9, 111, 183,  
191, 192, 331, 332, 333, 334,  
335, 336, 442, 446, 469, 472,  
484  
Soninke, 192, 333, 335  
Wolof, 76, 333, 335  
Zenaga, 91, 332, 333, 486, 496  
*Leptadenia pyrotechnica*, 226,  
455, 474, 492  
line of Dhar, 18, 60, 206, 474  
Little Ice Age, 46, 474, 478  
Lobi, 94, 114, 474

## M

*Maerna crassifolia*, 455, 475  
*Makteir*, 60, 62, 141, 475, 485

- Mali Empire, 118, 119, 120, 121,  
 122, 123, 125, 126, 475, 488  
 Malikism, 106, 107, 110, 112, 113,  
 116, 117, 181, 183, 322, 324,  
 327, 328, 334, 446, 454, 475,  
 476, 490  
 mat, 262, 263, 264, 267, 268, 306  
 matriarchy, 77, 79, 93, 126, 341,  
 423, 477  
 Mauretania (Kingdom), 86, 96,  
 97, 473, 477, 478  
 Mauretania Caesariensis, 91, 93,  
 97, 99, 101, 477, 478  
 Mauretania Sitifienne, 93, 97,  
 101, 478  
 Mauretania Tingitana, 81, 92, 93,  
 96, 97, 99, 101, 478  
 Mauretanii, 92, 478  
 Mauri, 96, 183, 478  
 Medieval Warm Period, 45, 109,  
 121, 462, 478  
 meharist, 143, 148, 150, 151, 479  
 Méréyé, 60, 228, 479  
 migration (movement), 74, 84, 90,  
 91, 109, 110, 111, 115, 160, 177,  
 181, 203, 326, 344, 397, 407,  
 412, 414, 415, 416, 422, 481,  
 493, See also exodus,  
 nomadism, transhumance  
 causes of migration, 79, 90,  
 109, 114, 130, 170, 171, 203,  
 340, 385, 403  
 means of migration, 166, 170,  
 171  
 migration strategies, 385, 398,  
 401, 411  
 migratory flow, 388  
 periodic migration, 203  
 repulsive areas, 387  
 seasonal migration, 203  
 welcoming areas, 72, 73, 79,  
 98, 193, 204, 387, 389, 449  
 milk, 217  
   milk skin, 271  
   milking pot, 218, 286, 287  
 mines, 27, 28, 30, 31, 32, 33, 34,  
 35, 153, 156, 167, See also  
   copper, gold, iron, salt, tin  
 Moors, 26, 80, 81, 92, 93, 96, 98,  
 102, 104, 106, 107, 112, 113,  
 118, 126, 128, 129, 130, 131,  
 132, 141, 142, 144, 151, 156,  
 158, 161, 165, 166, 169, 170,  
 175, 176, 178, 181, 183, 185,  
 188, 191, 197, 199, 204, 225,  
 228, 234, 251, 255, 267, 272,  
 273, 325, 327, 333, 335, 339,  
 342, 345, 370, 371, 379, 385,  
 389, 438, 442, 443, 444, 447,  
 448, 486, 495, See also caste  
   marabout, caste warrior  
   black Moor, 93, 191, 197, 393,  
   458, 469  
   defenders against invaders,  
     99, 107, 128, 129, 133, 137,  
     138, 142, 144, 146, 148, 149,  
     150, 151, 153, 162, 337, 340,  
     343  
   Moorish values, 152, 221, 225,  
     336, 337, 338, 339, 340, 342,  
     345, 370, 379, 441, 444  
   status within the society, 196,  
     317, 345, 373, 434, 435, 436,  
     440, 441, 444, 449  
   traders, 99, 101, 122, 162, 166,  
     167, 168, 169, 170, 171, 172,  
     181, 235, 236, 334  
   white Moor, 197, 221, 393, 495  
 Moricandia arvensis, 206, 480  
 Mousterian, 64, 480  
 Mujabat al Koubra, 26, 480

## N

Nioro du Sahel, 104, 121, 463, 481

- nomadism, viii, 8, 9, 10, 50, 59,  
71, 163, 164, 165, 166, 167, 174,  
179, 180, 181, 199, 202, 205,  
256, 310, 341, 344, 371, 373,  
398, 401, 402, 445, 447, 448,  
481, See also semi-nomadism  
climatic nomadism, 163, 164,  
165, 171, 461  
desert nomadism, 165, 174,  
175, 344, 462  
extensive pastoral nomadism,  
397, 399, 400, 401  
nomadism of activity, 164,  
165, 171, 481  
pastoral nomadism, 397, 410  
nomads, 391, See also activities  
of the nomads, migration  
strategies  
assets, 401, 402  
birth, fertility and  
reproduction rates, 427,  
428, 429, 434  
challenges, 402  
counting, 391, 392  
education, 152, 188, 201, 334,  
396, 430, 431, 432, 433, 434  
general characteristics, 418  
localization, 393, 394, 395  
marital status, 423, 424, 425,  
426, 434  
measures and solutions for  
the nomads, 412, 414, 416,  
417  
mortality and diseases, 409,  
410, 429  
nomadic culture rooted in the  
society, 441, 442  
nomadic households, 419, 420,  
421, 422, 423  
nomadic women, 251, 272,  
339, 341, 342, 347, 348, 349,  
356, 394, 422, 424, 425, 426,  
427, 428, 429, 431, 433, 447  
power of the nomads, 435,  
436, 437, 438, 439, 440  
relationships with the others,  
340  
the elderly, 251, 339, 429, 430,  
434  
typology, 392, 393  
young nomads, 425, 428, 429,  
432, 433, 434  
Numidie, 86, 97, 101, 482  
Eastern Numidie or Numidia,  
97, 99, 464, 477, 482  
Western Numidie, 97, 477, 495
- ## O
- oasis, 14, 23, 25, 49, 52, 68, 98,  
109, 118, 140, 164, 168, 170,  
171, 175, 180, 193, 203, 206,  
207, 221, 222, 235, 236, 385,  
435, 479, 482, 484  
objects (traditional), 269, 271,  
272, 275, 276, 282, 286, 288,  
290, 291, 294, 295, 296, 297  
ephemeral supports of the art,  
370, 382  
Orobanche tunetana, 206, 482  
Ouadane, 11, 61, 69, 101, 122,  
147, 150, 163, 171, 333, 334,  
458, 464, 483  
Oualata, 13, 62, 66, 67, 69, 100,  
104, 113, 114, 118, 121, 144,  
147, 148, 153, 163, 170, 194,  
305, 306, 334, 483  
overpopulation (human), 26, 38,  
44, 46, 47, 49, 107, 121, 403,  
404, 406, 410, 417, 429, 462

## P

- Panicum turgidum*, 206, 264, 477, 483, 494  
 patriarchy, 110, 341, 422, 431, 434  
 Pharaonic Egypt, 72, 74, 75, 76, 77, 79, 86, 94, 171, 290, 295, 349, 460, 466, 484  
 Phoenician, 83, 86, 94, 95, 98, 171, 460  
 Phoenix *dactylifera*, 25, 484  
 pipe, 296, 297, 305  
 plants used by nomads, 205, 222, 226, 236, 263, 271, 279, 281, 286, 287, 297, 451  
 Port Etienne, 150, 484  
 Prehistory of Mauritania, 27, 59, 61, 63, 65, 67, 71, 72, 73, 78, 80, 179, 194, 195, 232, 235, 240, 280, 281, 293, 445, 452, 455, 474, 476, 479, 480, 481, 483, 485, 487, 494, See also ancient inhabitants  
 Neolithic sites, 32, 66, 68, 492  
 Palaeolithic sites, 61, 62, 63, 64, 66, 68, 464, 492  
 rupestrian paintings and petrolyphs, 67, 68, 69, 70, 71, 73, 81, 195, 214, 350, 356, 366, 375, 382, 447, 464, 483, 485  
*Prosopis africana*, 23, 281, 484  
 pyrography, 218, 281, 353, 484

## R

- rain, 13, 14, 15, 17, 18, 19, 20, 21, 23, 25, 42, 43, 46, 49, 50, 51, 52, 53, 54, 57, 80, 82, 88, 97, 163, 204, 205, 210, 237, 239, 330, 387, 391, 394, 399, 402, 406, 452, 453, 456, 463, 464, 472, 481, 487

- razzia, 130, 131, 178, 484  
 reg, 19, 484  
 regions (administrative), 2, 11, 13, 130, 187  
 regions (ancient), 136, See also Awker, Charg, Essahel, Guebla, Teguanit, Tell  
 religion. See Islam  
 river, 20, 42, 44, 45, 54, 61, 162, 358, 456, 458, 483, 494, 495  
 Roman Africa, 95, 96, 97, 99, 485

## S

- Saadians, 125, 128, 129, 485  
 Saharan desert, 14, 18, 21, 41, 42, 43, 44, 45, 67, 68, 69, 70, 71, 73, 119, 132, 141, 152, 162, 164, 165, 168, 170, 174, 183, 194, 203, 214, 216, 228, 232, 236, 238, 260, 362, 391, 404, 444, 445, 452, 458, 462, 467, 479, 486, 488, 493, 495, See also climate, desertification, drought, erg, reg, sand, trans-Saharan trade, water  
 a nomadic space limited by frontiers, 406  
 influence on art, 375  
 pollution, 407, 408, 409, 410  
 salt, 31, 33, 34, 42, 98, 101, 125, 128, 129, 164, 167, 168, 169, 173, 175, 236, 237, 238, 262, 334, 341, 385, 391, 399, 411, 455, 487, See also Aftout es-Saheli  
 sand, 18, 19, 22, 49, 50, 52, 56, 207, 216, 226, 227, 239, 241, 245, 403, 409, 443, 461, 465  
 sand wind, 17, 180, 194, 243, 337, 407, 445, 467, 468, 471

- testimony of ephemeral life in art, 350, 358, 377, 378, 379, 448
- Schouvia purpurea, 206, 486
- sea, 22, 35, 49, 57, 403
  - sea level, 19, 42, 49, 56, 59, 453, 467, 470
- seasons, 18, 170, 203, 396, 416
  - dry and cold season, 18, 203, 204, 205, 390, 398, 399, 400, 403, 417
  - dry and hot season, 14, 15, 18, 203, 205, 215, 390, 391, 397, 398, 399, 400, 403, 417
  - rainy season, 17, 18, 21, 54, 164, 203, 204, 205, 207, 215, 228, 248, 390, 398, 399, 400, 468, 482, 491, 495
- sebkha, 19, 32, 34, 61, 236, 453, 487
- Second Mauretania, 101, 487
- sedentarization, 52, 67, 71, 183, 314, 341, 343, 385, 389, 392, 412, 417, 441, 442, 444, 448
  - causes of sedentarization, 76, 193, 199, 204, 341, 343, 384, 386, 389, 414
  - places of sedentarization, 389, 390, 401, 434, 439
  - stages of sedentarization, 390
- semi-nomadism, 165, 203, 204, 205, 386, 399, 400, 401, 487
- Senegal River, 11, 15, 19, 20, 21, 22, 25, 26, 40, 45, 50, 51, 55, 98, 99, 122, 125, 126, 130, 131, 134, 137, 138, 139, 156, 162, 181, 192, 200, 204, 210, 234, 235, 333, 344, 411, 453, 466, 494
- Senegal River valley, 15, 19, 25, 26, 37, 49, 73, 94, 99, 100, 152, 158, 210, 213, 234, 235, 305, 306, 312, 321, 344, 462, 467, 492
- Sheikh Ma el Ainin, 144, 145, 146, 147, 149, 487
- Shiism, 106, 110, 325, 471, 487
- Sid Ahmed Ould Aida, 145, 146, 147, 148, 149, 151, 487
- Sijilmassa, 102, 103, 106, 113, 114, 117, 118, 170, 325, 454, 488
- slave, 99, 107, 122, 125, 128, 131, 167, 168, 172, 175, 176, 178, 179, 185, 192, 193, 199, 200, 225, 236, 333, 334, 342, 451
  - abolition of slavery, 133, 157, 193, 341, 386
  - forced slave, 178, 466
  - free slave, 177, 466
  - modern slave, 177
  - slavery, 88, 121, 126, 143, 175, 176, 177, 178, 199, 200, 201, 225
  - voluntary slave, 178, 494
- sloughi, 229, 488
- snuffbox, 276, 277, 278, 305
- Songhai Empire, 124, 125, 126, 129, 486, 488
- Sosso Kingdom, 119, 121, 488
- spring, water source, 21, 23, 38, 68, 206, 221, 456, 482
- standardization, 198, 320
- Stipagrostis pungens, 206, 489
- stream, 42, 44, 57, 358, 391, 403
- submerged countries, 177, 489
- Sufism, 45, 79, 117, 118, 140, 181, 326, 327, 328, 338, 339, 370, 379, 446, 454, 470, 489
- sump, 207, 455, 460, 482
- Sunnism, 104, 105, 106, 110, 181, 183, 321, 322, 323, 324, 325, 472, 475, 490

## T

- tamaris, 23, 284, 286, 491
- tamourt, 37, 38, 40, 491
- teapot, 296
- Teguanit, 137, 491
- Tekrour Kingdom, 98, 99, 100, 103, 104, 105, 107, 113, 114, 115, 121, 122, 123, 131, 321, 322, 462, 463, 492, 494
- Tell (Ehel Adrar), 137, 464, 492
- tent, 111, 132, 179, 190, 194, 199, 209, 212, 220, 239, 240, 243, 244, 245, 246, 248, 249, 250, 251, 262, 275, 296, 307, 339, 350, 353, 362, 363, 364, 365, 368, 369, 374, 378, 380, 385, 390, 391, 393, 395, 399, 401, 421, 442, 443, 445, 447, 448, 451, 454, 456, 457, 458, 466, 468, 470, 472, 473, 476, 481, 485, 486, 492, 493, 494
- material aspect of the tent, 239, 240, 242, 243, 244, 245, 246, 247
- spiritual meaning of the tent, 250, 251, 252, 253, 254, 255
- weaving of the tent, 256, 257, 259, 261, 262, 301
- terracotta objects, 66, 67, 79, 81, 87, 89, 190, 194, 291, 292, 293, 305, 455, 456, 466, 467, 468, 480, 491, 492, 495
- textile, 297, 298, 301, 305
- Tichitt, 13, 34, 42, 45, 62, 64, 66, 67, 68, 114, 147, 148, 151, 163, 170, 194, 333, 334, 492
- Tidjikja, 13, 21, 68, 130, 145, 150, 163, 335, 492
- tin, 34, 288, 289, 291, 295, 296
- trade wind, 16, 17, 18, 468, 471, 493
- transhumance, 76, 204, 205, 400, 407, 431, 493
- the transhumant, 210, 386, 393, 397, 401, 404, 405, 406, 416, 417, 427, 431, 434, 448
- trans-Saharan trade, 33, 104, 105, 108, 112, 114, 117, 118, 122, 125, 162, 163, 167, 168, 169, 170, 171, 172, 173, 175, 180, 181, 214, 297, 323, 326, 334, 444, 454, 488, 493
- trees, 23, 37, 43, 48, 51, 88, 95, 116, 221, 223, 225, 242, 243, 282, 287, 290, 451, 452, 457, 458, 459, 461, 463, 484, 486, 488, 491, 496
- tribe, 50, 81, 91, 102, 103, 104, 105, 109, 112, 117, 130, 139, 140, 141, 143, 145, 146, 147, 149, 150, 152, 173, 179, 183, 184, 185, 186, 187, 188, 189, 191, 193, 196, 208, 254, 256, 300, 321, 325, 338, 339, 341, 343, 385, 386, 389, 393, 397, 399, 403, 412, 414, 431, 434, 435, 436, 437, 438, 439, 440, 441, 442, 448, 449, 454, 465, 495, See also Arabs-Berbers, Arab tribes, caste marabout, caste warrior
- tributaries
- artisans (mallemins), 93, 185, 189, 190, 207, 239, 256, 257, 258, 261, 263, 264, 265, 272, 274, 276, 278, 280, 281, 282, 286, 290, 292, 293, 300, 301, 302, 303, 304, 306, 308, 309, 310, 311, 312, 315, 345, 347, 349, 350, 368, 371, 372, 373, 374, 375, 381, 383, 384, 385, 440, 445, 447, 464, 476



- fishermen (imraguen), 36, 93, 191, 192, 470
- freed slaves, 185, 191
- freed slaves (harratins), 93, 191, 192, 193, 197, 199, 200, 201, 221, 222, 234, 236, 237, 292, 331, 352, 385, 393, 427, 437, 440, 468, 469
- griots, 185, 190, 191, 251, 252, 253, 254, 255, 331, 349, 385, 468, 470
- hunters (nemadis), 70, 71, 89, 92, 116, 185, 193, 194, 195, 196, 227, 228, 229, 231, 232, 233, 385, 480, 486
- slaves (abid). See slave
- zenaga herders, 130, 189, 456, 496
- Tuareg, 80, 143, 159, 197, 203, 238, 267, 268, 337, 479, 492, 493
- Typha domingensis*, 206, 493
- U**
- Umayyad, 102, 103, 104, 105, 111, 181, 183, 185, 321, 322, 323, 451, 472, 476, 480, 494
- urbanization, 52, 182, 199, 204, 384
- V**
- vegetation, 23, 25
- W**
- Waalo Kingdom, 122, 125, 126, 130, 131, 134, 135, 137, 138, 494
- wadi, 20, 21, 23, 38, 44, 45, 54, 61, 64, 68, 78, 141, 206, 207, 248, 389, 458, 467, 477, 485, 486, 495
- water, 20, 21, 22, 25, 26, 42, 44, 49, 50, 52, 57, 61, 71, 79, 81, 82, 90, 164, 170, 193, 194, 203, 205, 207, 208, 209, 210, 217, 219, 222, 227, 228, 230, 255, 258, 269, 270, 286, 291, 307, 376, 399, 400, 402, 403, 404, 406, 413, 416, 445, 455, 457, 462, 467, 468, 470, 471, 480, 481, 491, 492, 495. See also backwater, dam, flood, groundwater, guelta, lagoon, lake, rain, river, sebkha, spring, stream, sump, tamourt, wadi, water point, well
- motif of water in art. See eye of the source
- water point, 11, 23, 37, 38, 40, 47, 50, 61, 68, 94, 98, 99, 140, 164, 169, 170, 186, 204, 206, 217, 248, 336, 358, 377, 390, 391, 396, 398, 399, 401, 404, 405, 406, 414, 415, 416, 417, 435, 444, 479, 481
- water skin, 194, 208, 209, 269, 270, 271, 279, 303, 305, 455, 468
- weaving loom (low list loom), 259, 261, 475
- well, 21, 45, 49, 68, 82, 85, 161, 164, 170, 173, 190, 193, 204, 205, 206, 207, 208, 209, 211, 231, 248, 291, 292, 304, 307, 369, 390, 396, 399, 403, 411, 413, 414, 415, 417, 435, 437, 444, 448, 451, 458, 462, 467, 481, 491, 492
- westernization, 182, 198, 278, 300, 307, 308, 341, 384, 386,

- 387, 389, 392, 417, 435, 441,  
448, 464
- wildlife, 36, 37, 38, 121, 233
  - causes of wildlife extinction,
    - 37, 38, 43, 44, 47, 48, 56, 69,  
70, 93, 95, 99, 125, 167, 168,  
172, 227, 228, 232, 233, 462
  - extinct wildlife, 36, 38, 43, 44,  
62, 69, 70, 71, 81, 95, 98,  
168, 193, 227, 232, 233
  - protected natural areas, 40,  
233
  - remaining endangered  
wildlife, 36, 38, 39, 40, 70,  
71, 206, 227, 232, 234

**Z**

- Ziziphus Mauritania, 206, 496
- zrig, 180, 219, 286, 451, 495, 496