Birds of ETHIOPIA AND ERITREA an atlas of distribution

John Ash and John Atkins

with contributions from Caroline Ash, Sue Edwards, Chris Hillman, Geoffrey Last and John Miskell

Bird photography by Hadoram Shirihai



CONTENTS

	Page
Preface (Professor Emil K. Urban)	7
Foreword (Professor Tewolde Berhan Gebre Egziabher)	8
Acknowledgements	9
A general introduction to the region (John Atkins)	11
The historical quest for birds in Ethiopia and Eritrea (Caroline Ash)	13
Topographic regions and hydrography in Ethiopia and Eritrea (John Atkins)	22
The geology and soils of Ethiopia and Eritrea (Geoffrey Last)	25
The vegetation of Ethiopia and Eritrea (John Atkins and Sue Edwards)	27
The climate of Ethiopia and Eritrea (John Atkins)	35
Bird habitats in Ethiopia and Eritrea (John Atkins)	38
Bird and wildlife conservation in Ethiopia and Eritrea (John Atkins and Chris Hillman)	44
Bird migration in Ethiopia and Eritrea (John Ash)	48
Breeding seasons in Ethiopia and Eritrea (John Ash)	57
General treatment of species and the atlas (John Ash)	59
Maps of the region (John Atkins)	65
Gallery of endemic birds (Hadoram Shirihai)	73
Species accounts and maps (John Ash)	81
List A. Species recorded in Ethiopia and Eritrea	81
List B. Hybrid species recorded in Ethiopia and Eritrea	372
List C. Additional species in Ethiopia and Eritrea mapping squares recorded over the border in Sudan, Djibouti, Somalia and Kenya	373
List D. Species not considered acceptable for inclusion in List A	373
List E. Endemic birds of Ethiopia and Eritrea	377
Distribution categories in Ethiopia and Eritrea (John Atkins)	378
Appendix 1. Important bird areas in Ethiopia and Eritrea	378
Appendix 2. Threatened and near-threatened species	380
Appendix 3. Restricted-range species within Endemic Bird Areas of Ethiopia and Eritrea	381
Appendix 4. Biome-restricted species in Ethiopia and Eritrea	382
Bird ringing in Ethiopia and Eritrea (John Ash)	387
Glossary (John Atkins)	396
Gazetteer of localities (John Atkins)	398
Bibliography (John Miskell)	426
Index	451

LIST OF MAPS AND FIGURES

	Page
Figure 1. A simplified map of the Dahlak Islands	23
Figure 2. Monthly distribution of nest records in Ethiopia and Eritrea	57
Figure 3. Breeding seasons of five groupings of birds in Ethiopia and Eritrea	58
Figure 4. Map of tetrad coverage in Ethiopia and Eritrea	59
Figure 5. The distribution map squares	63
Figure 6. Political and administrative maps of Ethiopia and Eritrea with main towns	65
Figure 7. Political and administrative regions of Ethiopia and Eritrea prior to May 1991	66
Figure 8. Topographical map of Ethiopia and Eritrea	67
Figure 9. A simplified map of major vegetation types in Ethiopia and Eritrea	68
Figure 10. A simplified geological map of Ethiopia and Eritrea	68
Figure 11. A simplified map of major soil regions in Ethiopia and Eritrea	68
Figure 12. A simplified map of rainfall regimes and climatic regions of Ethiopia and Eritrea	68
Figure 13. Simplified rainfall maps of Ethiopia and Eritrea	69
Figure 14. Wetlands, lakes and rivers of Ethiopia and Eritrea	70
Figure 15. National Parks and other protected areas of Ethiopia and Eritrea	71
Figure 16. Important Bird Areas and Endemic Bird Areas of Ethiopia and Eritrea	72

LIST OF TABLES

Table 1. Plant species typical of major vegetation categories	31
Table 2. Ethiopian climatic zones	35
Table 3. Summary of atlas data from Ethiopia and Eritrea	59