

Conservation and Community in Kenya

Milking the Elephant

Carolyn K. Lesorogol

LEXINGTON BOOKS

Lanham • Boulder • New York • London

Contents

List of Figures and Tables	ix
Acknowledgments	xi
Introduction	1
1 From Livestock to Elephants: The Journey to CBCs	19
2 How CBCs Work	55
3 Does the Elephant Have Milk?	89
4 Bead Work Is Women's Work: Gender and Conservation	125
5 Working Together, or Not: Conflict and Cooperation in CBCs	155
Conclusion	199
Bibliography	209
Index	221
About the Author	225

List of Figures and Tables

FIGURES

Figure 1.1	Samburu Lowlands with Mathews Range in Background	4
Figure 1.1	Map of Samburu County Kenya with Study Communities Marked	23
Figure 1.2	Maendeleo Settlement	30
Figure 1.3	A View of the Lowlands from the Escarpment near Nkoteiya	48
Figure 2.1	CBC and Group Ranch Structures	59
Figure 3.1	Benefits Received from CBCs for the Full Sample	93
Figure 3.2	Costs of Participating in CBC	94
Figure 3.3	Benefits by CBC	95
Figure 3.4	Costs of CBC membership by CBC	96
Figure 3.5	Income Sources for the Full Sample	113
Figure 3.6	Income Sources by CBC	113
Figure 3.7	Household Income by Source and Wealth Quintile for Full Sample	118
Figure 3.8	Income Sources by Wealth Quintile by CBC	119
Figure 5.1	A Wind Power Electricity Pylon	172
Figure 5.2	Contributions in Public Goods Game	195

TABLES

Table 2.1	Survey Household Demographic Data	72
Table 2.2	CBC Rules According to Survey Respondents	74
Table 3.1	Benefits and Costs of CBC Membership	92

Table 3.2	Short Answer Responses for Value Attributed to “Security” Benefit	97
Table 3.3	Short Answer Responses for Value of Wildlife Conservation as a Benefit	98
Table 3.4	Short Answer Responses for Value of Health as a Public Goods Benefit of CBCs	99
Table 3.5	Short Answer Responses for Value of Household Level Benefits by CBC	101
Table 3.6	Value of Individual Benefits from CBCs	103
Table 3.7	Value of Costs of CBC Membership	104
Table 3.8	Livestock Holdings (Wealth) for Full Sample and by CBC	109
Table 3.9	Wealth Quintiles for Full Sample and by CBC	111
Table 3.10	Total Income (in KSH) from Conservancies	116
Table 3.11	Amount of Payment from CBC	117
Table 3.12	Conservancy Payments and Income as Proportion of Total Income	117
Table 5.1	Total Exchanges by CBC	191
Table 5.2	Percent of Households Reporting Exchanges and Mean Numbers of Exchanges for Livestock and Monetary Exchanges by CBC	192
Table 5.3	Regression Results for Total Exchanges	193
Table 5.4	Mean Offers in PGG	195