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Human Ecology of Malaria in Kenya

A case study of Kisii Highlands

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A section of Kisii Highlands; the study area in Nyamarambe division.
Taken from the top of Ichuni hill, 2007, showing human settlement and land use in the
fertile Kisii highlands © Sophia Githinji

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Editors' Preface

Medical Geography and Health Geography locate themselves at the interdisciplinary interface of medicine, public health and geography. Through crosscutting issues, they connect and combine human, physical and regional geographies in interdisciplinary ways. The *Geographical Health Research Series* offers an extensive and independent publication platform for a topic receiving increasing attention in modern research, teaching and practise in the German-speaking world. High-quality studies from all branches of Medical Geography and Health Geography are collated in this series. As well as disease ecology, this series will publish scientific papers dealing with space-related aspects of healthcare, health and development, salutogenesis and pathogenesis, spatial manifestations of social and cultural dimensions of health and disease, both in German and in English. All subjects in this series are bound by one specific characteristic: the geographical dimension in its widest sense, be that an Euclidean space or a meaningful place.

Thomas Kistemann, Bonn

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Table of Contents

List of Figures.....	XI
List of Tables	XIII
List of Abbreviations	XV
1 General Introduction	1
1.1 Country background	3
1.2 Malaria situation in Kenya.....	6
1.3 Objectives of the study.....	9
1.4 Research questions	10
1.5 The study area.....	10
1.6 Conceptual framework	14
2 Methods.....	19
2.1 Sampling of cases and controls	20
2.2 Development and testing of research tools.....	21
2.2.1 Training of enumerators.....	22
2.2.2 Administration of the questionnaire.....	24
2.3 Spot checks	26
2.3.1 Housing characteristics.....	26
2.3.2 Homestead surroundings	28
2.3.3 Bed net spot check.....	28
2.3.4 Homestead sketching	30
2.3.5 GPS mapping.....	30
2.4 Community interviews.....	31
2.4.1 Interviews with key informants.....	33
2.4.2 Data mining	33
2.5 Summary of data collected	34
2.5.1 Data entry and processing.....	34
2.5.2 Variable classification	35
2.6 Data analysis.....	36
2.6.1 Conditional logistic regression	39
2.6.2 Model development.....	42
2.6.3 Spatial point pattern analysis	45
2.6.4 Spatial clustering	47

3	Descriptive Results	51
3.1	Demographic and socio-economic characteristics.....	51
3.2	Housing characteristics.....	54
3.3	Malaria trends and climatic characteristics of the study area	56
4	Analytical Results.....	61
4.1	Micro-ecological risk factors	61
4.1.1	Housing factors	61
4.1.2	Elevation and slope.....	63
4.1.3	Proximity to breeding habitats	63
4.1.4	Home hygiene and vegetation	64
4.1.5	Water collection points.....	66
4.2	Demographic and socio-economic factors.....	67
4.2.1	Demographic factors.....	67
4.2.2	Socio-economic factors	71
4.3	Behavioural factors.....	72
4.4	Preventive measures	76
4.4.1	Bed net survey and indoor residual spraying	77
4.4.2	Bed net spot check.....	79
4.4.3	Summary of variables selected	81
4.5	Multivariate analysis	82
4.5.1	Model refinement.....	83
4.5.2	Assessing interactions.....	84
4.5.3	Description of the model	85
4.5.4	Spatial analysis and detection of clusters	86
4.6	Perceptions of malaria	94
4.6.1	Perceptions of factors leading to occurrence of malaria	94
4.6.2	Perceptions of malaria transmission and prevention	95
4.6.3	Perceptions gathered from community interviews.....	97
5	Discussion.....	99
5.1	Housing characteristics.....	99
5.2	Elevation and slope.....	103
5.3	Risk factors within the homestead surroundings.....	106
5.4	Implications of micro-ecological risk factors on malaria control	110
5.5	Demographic and socio-economic factors.....	112

5.6	Socio-cultural factors.....	115
5.6.1	Health seeking behaviour.....	115
5.6.2	Preventive measures	118
5.6.3	Perceptions: do they matter?	120
5.7	Limitations of the study.....	122
6	Conclusions	123
7	Glossary	127
	References.....	131
	Appendix: Sub-group analyses based on age and sex	147

List of Figures

Figure 1:	Life cycle of the parasite <i>Plasmodium falciparum</i>	2
Figure 2:	Physical map of Kenya	5
Figure 3:	Endemicity of malaria in Kenya	7
Figure 4:	Administrative units of Nyamarambe division	11
Figure 5:	Intensively cultivated hilly landscape	12
Figure 6:	Poor roads and overcrowded vehicles	14
Figure 7:	Triangle of human ecology of disease	17
Figure 8:	Adapted model of human ecology of disease	18
Figure 9:	Enumerators in a training session at a homestead	23
Figure 10:	Housing characteristics observed during spot checks	27
Figure 11:	A torn bed net	28
Figure 12:	A bed net used for decoration	28
Figure 13:	Crops grown very close to the house	29
Figure 14:	Stagnant water formed by animal hoof prints	29
Figure 15:	Stagnant water around a house	29
Figure 16:	Homesteads close to a swamp	29
Figure 17:	A homestead built on a valley bottom	29
Figure 18:	Fish ponds near a homestead	29
Figure 19:	Homestead sketch map	30
Figure 20:	Participants in a community interview	32
Figure 21:	A social mapping exercise	32
Figure 22:	Kernel estimation of a point pattern	46
Figure 23:	A typical <i>boma</i> with several housing units	54
Figure 24:	An open air kitchen	55
Figure 25:	Malaria cases in Gucha district	57
Figure 26:	Monthly malaria incidence rate and temperature	58

Figure 27:	Monthly malaria incidence rate and rainfall	59
Figure 28:	Distance to Nduru health centre.....	74
Figure 29:	Distribution of cases	87
Figure 30:	Distribution of controls.....	88
Figure 31:	Distribution of cases and controls	89
Figure 32:	Kernel density estimation for the cases.....	90
Figure 33:	Kernel density estimation for the controls	91
Figure 34:	Location of clusters	93
Figure 35:	How <i>Anopheles gambiae</i> enter houses through open eaves	100

List of Tables

Table 1:	Health facilities in Nyamarambe division	13
Table 2:	Most common diseases at Nduru health centre	19
Table 3:	Classification of variables	35
Table 4:	General layout of matched case-control 2 x 2 tables	43
Table 5:	Demographic characteristics of the study subjects	51
Table 6:	Characteristics of study subjects by educational attainment and occupation.....	52
Table 7:	Characteristics of survey respondents	53
Table 8:	Household characteristics by ownership of durable goods	53
Table 9:	Housing units owned by the survey households	55
Table 10:	Community interviews	55
Table 11:	Correlation matrix of climatic variables and malaria incidences	60
Table 12:	Malaria risk by condition of house.....	62
Table 13:	Malaria risk by elevation and slope	63
Table 14:	Malaria risk by closeness to breeding habitats	64
Table 15:	Malaria risk by home hygiene and vegetation	65
Table 16:	Malaria risk by sources of water.....	66
Table 17:	Distance of homestead to river or stream	67
Table 18:	Malaria risk by demographic factors and sleep patterns	68
Table 19:	Comparisons of different models	70
Table 20:	Malaria risk by socio-economic factors	71
Table 21:	Event analysis of last sickness episode	73
Table 22:	Distance to health care centre	75
Table 23:	Proximity to road and tracks.....	76
Table 24:	Actual methods of protection against malaria	76
Table 25:	Bed net survey and indoor residual spraying.....	78

Table 26:	Characteristics of bed nets in the survey households.....	79
Table 27:	Characteristics of specific bed nets used by cases and controls	80
Table 28:	Summary of selected variables.....	81
Table 29:	Multivariate model with all selected variables (n=320 pairs).....	82
Table 30:	Preliminary main effects model.....	83
Table 31:	Main effects model.....	84
Table 32:	Likelihood ratio test (G) of interactions assessed.....	84
Table 33:	Final main effects model with one interaction	85
Table 34:	Clusters of malaria identified with spatial scan statistics	92
Table 35:	Perceptions of causes of malaria and its seriousness.....	94
Table 36:	Perceptions of malaria transmission.....	95
Table 37:	Perceptions of preventive measures.....	96
Table 38:	Perceptions of symptoms.....	96
Table 39:	Ranking of malaria in the community.....	97
Table 40:	Community perceptions of causes and prevention of malaria	98

List of Abbreviations

ACT	Artemisinin-based combination therapy
DALYs	Disability Adjusted Life Years
DFID	Department for International Development
DOMC	Division of Malaria Control
DSS	Demographic Surveillance System
DVBD	Division of Vector Borne Disease
GDP	Gross Domestic Product
GFATM	Global fund to fight Aids, Tuberculosis and Malaria
HIMAL	Highland Malaria Project
ICIPE	International Centre for Insect Physiology and Ecology
IRS	Indoor Residual Spraying
ITNs	Insecticide-treated mosquito nets
IVM	Integrated Vector Management
MMV	Medicines for Malaria Venture
mOR	Matched odds ratio
NGO	Non-Governmental Organisation
RBM	Roll Back Malaria
SOK	Survey of Kenya
SP	Sulphadoxine Pyrimethamine
UNDP	United Nations Development Programme
UNICEF	United Nations Children's Fund
WHO	World Health Organisation