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Land and lineage:
the articulation of
social and physical space
in an atoll village

A thesis presented in partial fulfilment of the requirements for the degree of Doctor of Philosophy in Sociology at Massey University

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Abstract

This thesis examines relationships between the social and physical environments of a village on Butaritari atoll in Kiribati. The system of ambilineal descent and land inheritance obtaining there results in complex networks of genealogical relationships which affect most aspects of social life, including land rights. While previous studies conducted in Kiribati have recognised the intimate connection between genealogy and land rights, none has investigated its ramifications for the distribution of land rights within a community. In contrast, this study engages that question as a central concern using a framework which integrates Bourdieu's concepts of social space, field and habitus with post-neo-Darwinian ideas about the relationship between organism and environment.

The social space was found to be primarily structured by relationships based upon genealogy and secondarily by age and gender, each of which constituted a field within the wider social space. The genealogical field was defined by a network of positions, each representing a particular descent group. In accordance with the prevailing system of ambilineal descent, residents could belong to more than one descent group and it was upon the resulting networks of relationships between descent groups that the disposition of those groups within the genealogical field was defined. Because land-use rights were associated with genealogical connections the reconstruction of the genealogical field encompassing all of the village residents was a necessary precursor to discovering the distribution of those rights and the genealogical field was a central point of articulation between the social and physical spaces. The fields of age and gender relations provided further points of articulation between the social and physical spaces, the natures of which are examined through discussion of the material culture of the village and village and island politics.

Despite a contemporary ideology of egalitarianism there were vestiges of a former hierarchy of social status groups. While the inter-group obligations, rights and responsibilities associated with this hierarchy were no longer practised, the association of contemporary residents with those social status groups bore a relationship to their position within the genealogical field and the amounts of land to which they shared rights.

Preface and acknowledgements.

This thesis examines the proposition that the aspects of reality commonly termed "society" and "nature" can be conceptualised as spaces, social space and physical space, and that the investigation of relationships between the social and natural realms can be approached in terms of the articulation of those two varieties of space. The proposition is examined through a case study focusing upon a village on Butaritari atoll in Kiribati. The choice of Kiribati as a place to conduct fieldwork was based upon several factors. The first was associated with my having worked there for seven years between 1978 and 1985 during which time I became proficient in the I-Kiribati language and familiar with the culture and way of life of the people. The second factor was, by happy coincidence, the availability there of small relatively self-contained communities in which to conduct fieldwork. In choosing a village on Butaritari I took advantage of relationships developed over ten years earlier while working on Butaritari as an independent trader in local produce.

Except where otherwise indicated, the data upon which this thesis is based was obtained by me from residents of Kuma. At the time this thesis was submitted, one academic paper based upon aspects of the research had been published (King, 1995).

While conducting this study I have received assistance from many people and it is a pleasure to acknowledge their contributions. It is sometimes difficult to decide upon an appropriate order in which to make acknowledgements, but in this case I have decided to acknowledge

individuals and groups in an order which reflects their position in relation to the social and physical spaces with which the study is concerned. First to receive acknowledgement, therefore, are the people of Kuma, without whose willingness to participate this study would never have been conducted. I am particularly grateful to the members of the Natirea Village Council in Kuma for their kind hospitality. From among the many Kuma people, who cannot be mentioned individually for want of space, I must single out Nan Ibutuna whose generous sharing of his knowledge of tradition and genealogy was invaluable.

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Linguistic Note

The language spoken throughout Kiribati is known as I-Kiribati (formerly known as Gilbertese). I-Kiribati is related to other Micronesian languages while having been modified by linguistic borrowing from nearby Western Polynesia. Slight dialectal variations exist throughout the islands of the Gilbert group, with the most noticeably different dialect being that spoken on Butaritari and Makin. However, the differences are small and confined to vocabulary and intonation pattern.

For the reader of this thesis the most important difference to note is the substitution on Butaritari and Makin of the prefixes Na, Nam, Nan and Nang for Te, Tem, Ten and Teng (which are used elsewhere in Kiribati) before the names of males. In usage, the form of the prefix varies, in the interests of euphony, according to the first letter of the name. In this thesis only the form Nan is used, to avoid confusion, despite the injury to euphony which sometimes results. The prefix Nei before the names of females is used universally throughout Kiribati.

A glossary of I-Kiribati words and terms used in this thesis begins on page xiii.

Note on Orthography

There are thirteen letters in the I-Kiribati alphabet: a, e, i, o, u, m, n, ng, b, k, r, t and w. The following guide to pronunciation is adapted from Cowell, 1951.

Letter	Pronunciation
a	 ah as in father a as in fatter u as in but
е	 a as in fate o as in bonny aw as in awful
u	oo as in boot
m	m as in English
n	n as in English
ng	as ng in singer
b	between English b and p
k	hard and close to English g
r	unrolled and close to English d
t	as in English except before i and u, in which cases it forms an s sound
w	 as a consonant it sounds like a v as a semi-vowel it sounds like English w

Glossary of I-Kiribati words used in this thesis

This glossary covers I-Kiribati words which are found in this thesis. When a word has more than one meaning, only the meaning associated with its use in the thesis has been included in the glossary. In compiling this glossary the following authorities have been used for both I-Kiribati and scientific terms: Catala, 1957; Cowell, 1950; Grimble, 1989; Koch, 1986 and Sabatier, 1971.

aba Land, country

abatera People without land in the place where they are so

categorised

aia botaki aine Gathering of women

aine Woman

aitoa A tree growing in marshy land (lumnitzera littorea)

ang To heat

anti Spirit, god or ghost.

aomata Human being

aon Surface

ari Spathe of coconut

ataei Children

atama Gravel, pebbles

ati Skipjack tuna (katsuwonus pelamis)

ato Coconut leaf thatch

aumaiaki Summer solstice (March to September)

aumeang Winter solstice (September to March)

ba Leaf

ba ni Coconut leaf
ba n te mai Breadfruit leaf

baa Coconut oil

Babai Swamp taro (cyrtosperma chamissonis)

bai Thing or object

bai n iaon te aba Things associated with the surface of the land.

Used to refer to secular affairs

baiura Yellow fin tuna (thunnus albacares)

bakatarawa Drop blind woven from coconut frond

bao Open-sided house with a raised platform floor. The

platform is not integral to the whole structure and

stands independently

bara Wahoo (acanthocybium solandri

bareaka Canoe house

be Cloth lavalava or sarong

Beba Paper

bekei A pudding prepared from grated babai, coconut and

kamaimai

ben Mature coconut

benu Coconut husk for making string

berita Promise or pledge

bino Traditional sitting dance

binoka Pinch of benu spun (kakano) with others to produce

string

Biti Fiii

bo A gathering of kin to celebrate a rite of passage of

one of their members

bo ben Gathering mature coconuts

bo rau Gathering pandanus leaf for thatch making

bokaboka Mud, usually referring to the muddy soil of babai

pits (rua)

Book Book

bong Day, twenty four hour period

bota To gather together things or people

botaki Meeting or gathering

botaki n unimane Old men's association, council or meeting

boti A seating position in maneaba for the members of

a particular descent group

boti n uea A boti reserved for the High Chief of Butaritari and

Makin in the south-east corner of Butaritari and

Makin maneaba during the pre-colonial period.

buakonikai Bushland outside a village

buata Traditional sitting dance performed by men

buatoro A pudding made from grated babai and (karewe)

bubuti A request or demand; to request

buia A raised platform, as used in a bao

bukinibai Remains or surplus

bukiraro A seedless variety of breadfruit (mai)

buraena Something hairy or shaggy hanging down. Often

applied to the untrimmed ends of thatch on a roof

butika A long spade. Also a long stick with a knife

attached for detaching breadfruit from high

branches

bwere Combing board for cutting strips of uniform width for

mat weaving

eka A unit of land size based upon the area of an

unknown maneaba

eta Top or upper part

ewe To jump or move around. Connotes freedom

iaongo Thought or idea

ibu Toddy collecting container made from coconut shell

ikaraoi Superior variety of babai

ikuku Wooden mallet for pulverising

inai Mat woven from coconut leaf

inaki Row of thatch

ingimea Species of tuna (neothunnus macropterus)

iruwa Visitor, one who arrives by canoe

itamaria Pudding made from grated babai and kamaimai

iti Empty, without issue

kabouoka To burn

kabouoka ni buraena To burn thatch trimmings

kabuibui ni babai Dried babai

kai Wood and trees in general

kai ni kakari Roofing lathe to which thatch is attached

kai n raurau Wooden platform to hold cooking and eating

utensils

kai n tiri benua Wooden mallet used to beat benu

kai n toro rau A wooden stake against which pandanus leaves are

flattened for thatch making

kaina Pandanus tree

kainga Ancestral residence and its descent group

kakano To spin string by twisting binoka together between

hand and thigh

kakawaki Important, significant kakibotu Relaxation, killing time

kamaimai Toddy which has been reduced to a thick syrup by

prolonged boiling

kamaraia To be supernaturally potent. Anyone offending a

person who was kamaraia would be automatically

cursed

kamei Traditional standing dance performed by men

karewe Toddy obtained from the wounded spathe ari of the

coconut tree

karo Parents

karoro Fourth generation

kateitei Building work

katiki Fishing by trolling a lure behind a canoe (wa)

katura A bivalve (atactodea glabrata Gmel.)

katutu Self-sprouting variety of babai known as temaiaki

on Butaritari and Makin

kaunikai Competition or combat between sorcerers, dancers

or practitioners of various skills or methods

kaunwae Literally fighting feet. Refers to the practise of joint

landholders gathering coconuts on a first come, first

served basis

kawai Magico-religious practices involving ritual actions

without accompanying incantations

kiakia Small open-sided house with its buia integral to the

whole structure

kiaro Canoe outrigger platform

kie ni matu Sleeping mat

kie Mat

kie n ataei Child's sleeping mat

kikao Small octopus

kima Giant clam

koikoi Small bivalve (asaphis deflorata)

kora Coconut fibre string

koraki Family, kindred

koro ato The work of collecting fallen coconut fronds to be

made into thatch (ato)

koro-buki-ni-kana Circular basket of plaited pandanus leaves to

contain fertiliser around base of babai tuber

koro m benu The work of husking green coconuts to obtain fibre

(benu) for string-making

kuka Cooking, to cook

mai Breadfruit in general

mairoun From

makoro Fraction, segment or part

makuri Work

mamma Shame, embarrassment or shyness

maneaba Village or island meeting house

maniba Well for fresh water

manena Brother of a woman or sister of a man

mangkeia A boti reserved for immigrants without land rights

(abatera) in the south-west corner of Butaritari and Makin maneaba during the pre-colonial period.

marai tender flesh of young coconut

maraia To be cursed

marawa The ocean

maroro Conversation

matu Sleep

maungatabu Meeting requiring full attendance

moi Drink

moimoto Drinking coconut

motini wae Seedless variety of breadfruit

mwiin After, following

nakoa Profession, employment

nano Soul, conscience, will desire, disposition

nano raoi Calmness of spirit

Natirea Name of a comet, after which the dance form of the

same name is named. Village council in Kuma

nenebo Land given in compensation for murder

nga Unit of measure equal to one fathom

ngea Bush of very hard wood (pemphis acidula)

ni Coconut tree (cocos nicifera)

nikawewe Shrine marked by an enclosure of stones where a

spirit is venerated

noko Midrib of coconut side leaves

non Tree with pithy core (morinda citrifolia)
nouo Conical shell fish (strombus luhuanus)

nuka Meaning centre. Also the name of a land plot in

Kuma village

nunua Barracuda

oka Rafter

onoi-rau Thatch replacement

oreia Hit

oro ben Cutting open mature coconuts to make copra

rai ben Purchasing whole mature coconuts for the purpose

of making copra

rake Upwards, eastward

raku Sword fish (istiophoridae sp.)

rama Outrigger float for canoe

ran Fresh water, liquid

ran i ben Fluid of mature coconut

raoi Calm, tranquil

rara Blood

rau Pandanus thatch

raurau Plate or other round vessel

ribana Process of fertilising babai plants

riiringa Massage and bone manipulation

rio Downwards, westward

roba Small pandanus sitting mat

roki Enclosure, often refers to a bathing enclosure

rorobuaka Warrior, young man. On Butaritari and Makin the

term is also applied to the former commoner social

status group

rourou Babai cultivation

rua Pit for cultivating babai

rua ni benu Retting pit dug in the lagoon reef flats in which to

soak benu for string making

ruoia Traditional standing dance

taan bukinibai Shareholders

taan takakaro Players

tabokororo A boti reserved for aristocrats (toka) in the north-

east corner of Butaritari and Makin maneaba during

the pre-colonial period.

tabonibai Fingers; the commoners who worked on the lands

of the former High Chiefs of Butaritari and Makin

tabunea Magico-religious practices involving chanting

incantations without ritual actions

tae-benu Removal of benu from the rua ni benu

takakaro Play

tan Facing

tangitang Complaint, appeal, weeping

tanikamotu Bushland to the east and south of Kuma village

tanraki Ocean coast of atoll, also refers to the east

tanreo Lagoon shore of atoll, also refers to the west

tao-benu Process of retting coconut fibre (benu) for string

making

Tarawa An atoll in the Gilbert group, capital of the Republic

of Kiribati

tarina Brother of a man or sister of a woman

tatanga Roof plate of house

tataro Prayer

Taubati Dance style imported from Samoa

tangi ni wenei A dance accompanying dirges to the newly dead

te Definite article in the I-Kiribati language

teanikabai A boti reserved for the conquered, slave class in

the north-west comer of Butaritari and Makin

maneaba during the pre-colonial period.

Tekanangaraoi A tabunea to bring good fortune to a third party

temaiaki Self-sprouting variety of babai known as katutu

elsewhere in Kiribati

tia One who does or performs some function or

occupation

tia babaaire Chairperson, person guiding proceedings, master of

ceremonies

tia kateitei Builder

tibutaratara A person's ancestor at a distance of six generations

tiki Unit of measure for coconut fibre string, equal to

ten nga (ten fathoms or 18.3 metres)

tingaro Dawn

tiri-benu To beat benu with a wooden mallet (kai n tiri

benua)

toka The aristocratic social status group of the former

Butaritari and Makin social structure

tongo Mangrove tree (rhizophora mucronata)

toro rau Flattening pandanus leaves to use for thatch

uea High Chief

uma Any dwelling, building or shelter

uma n aia Fuel shelter

uma ni kuka Cooking house

umatoro Large communal living house used in the pre-

colonial period

unimane Men over fifty years old respected for their

knowledge and wisdom. Traditional leaders

uri A tree with fragrant flowers (guettarda speciosa)

utu Family, kin

utu ae kaan Close kin

utu ae raroa Distant kin

wa Canoe

wawi Magico-religious practices intended to kill or maim

wenewene double sleeping mat

wi Tooth or teeth; sharp bladed or point

wibokaboka Process of loosening soil around base of babai

tuber