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Robert K. Mitchecock

# APPENDIX

## ETHNOGRAPHIC RESEARCH AND SOCIOECONOMIC DEVELOPMENT AMONG KALAHARI SAN

QK# 4 1986

Hamburg: Helmut Buske

The Past and Future of !Kung  
Ethnography: Critical Reflections and  
Symbolic Perspectives

(Essays in Honour of Loma Marshall)

ed. Megan Biesele  
Robert Gordon  
Richard Lee

PP 375-423

Appendix      Ethnographic Research and Socioeconomic Development  
Among Kalahari San: Some Tables  
by Robert K. Hitchcock

## Tables

1. Population Size and Distribution of Major San Groups in Botswana
2. Group Sizes, Mobility, and Range Sizes of Kalahari Basarwa Populations in Botswana
3. Basarwa Settlements in Botswana
4. Land Use Categories in North West District (Ngamiland), Botswana
5. Resident Populations of Commercial Ranching Areas in Botswana
6. Communal Service Centers in and Adjacent to Botswana's TGLP Commercial Ranching Areas
7. National Parks, Game Reserves, and National Monuments in Botswana

## Figures

1. Map of the Republic of Botswana showing the Distribution of the major San (Basarwa) groups in Botswana. The numbers correspond to the following groups: (1) !Kung (Zu/wasi), (2) Nharo and other Ghanzi groups, (3) G/wi and G//ana, (4) !Xo, (5) Southern Kua and other Kweneng groups, (6) Northern Kua and Shua, (7) Tyua and other Nata and Makgadikgadi Pans groups, and (8) River Basarwa and other Okavango Delta groups.
2. Map of the Republic of Botswana showing the distribution of National Parks, Game Reserves, and National Monuments in Botswana (for designations of A - K, see Table 7).

Annex      Research and Development Personnel Who Have Worked with  
San and on Related Issues in Botswana

Bibliography      Socioeconomic Development of San in Botswana

Table 1. Population Size and Distribution of Major San Groups in Botswana

Group Name(s)	Location	Population Size
!Kung (Zu/wasi)	NW Kalahari	2,800
//Au//ei (Auen)	W & NW Kalahari	1,850
Nharo and other Ghanzi groups	W Kalahari	7,500
G/wi, G//ana	Central Kalahari	3,500
!Xõ	SW Kalahari	3,100
S. Kūa, Tshasi, E. /Hūā	SE Kalahari	2,500
N. Kūa	E Kalahari	3,150
Tyua (/Taise, Ganade, Danisan)	NE Kalahari	5,800
Hiechware, Tati, Tuli Block, and Motloutse groups	E Botswana	3,300
River Basarwa (Bugakwe, /Tannekwe, Deti, etc.)	Okavango Delta, Botletle River	2,550
Kwengo	N Botswana	850
Balala (Ngwaketse groups)	S Kalahari	1,450
Balala (Kgalagadi District groups)	SW Kalahari	550
Urban groups (e.g. Gaborone, Mochudi)	SE Botswana	450
		39,350 (Total)

Table 2. Group sizes, mobility, and range sizes of Kalahari Basarwa populations in Botswana

Group Name and Location	Number of Groups	Group Sizes and Average	Number of Annual Moves	Range Sizes and Average	Reference(s)
G/wi, Central Kalahari	6	21-85 57.17	6-15	457-1,036 779.67 km <sup>2</sup>	Silberbauer (1972: 295-297, 1973:210, 1981a:193, 196, 246, 1981b:460)
G/wi, Central Kalahari (:Xade)	9	7-57 22.89	11	4,000 4,000 km <sup>2</sup>	Tanaka (1976:100, 113, 1980:79, 81, 117, Table 20)
G/wi, G//ana, Central Kalahari	11	41-167 98.73	-	505-4,323 2222.64 km <sup>2</sup>	Sheller (1977:21, 34)
!Kung, North-western Kalahari (Dobe)	15	9-52 20.73	5-6	300-600 km <sup>2</sup>	Lee (1965:47, Table 3, 1979: 334)
!Kung, North-western Kalahari (Dobe)	15	10-24 16.67	37	320-3,000 1,000 km <sup>2</sup>	Yellen (1976:54, 1977a:54, 60, 237-253, Appendix C) Yellen and Harpending (1972:253)
!Kung, North-western Kalahari (:ai/ai)	8	11-37 20.25	-	-	Wilmsen (1976:23, Table 1)
Nharo, Western Kalahari (Ghanzi)	-	8-40 <sup>+</sup>	0-2	- 30 km <sup>2</sup>	Barnard (1979: 140, Personal communication)
!Xõ, South-western Kalahari	6	18-48 33.17	0-7	1,000-2,200 1,660 km <sup>2</sup>	Lawry and Thoma (1978)
!Kung, North-western Kalahari (Dobe, /ai/ai)	15	23-35 28.8	-	-	Marshall (1976: 157-159, Table 3)

Table 3. Basarwa settlements in Botswana

Settlement Name	District Name	Founding Date	Organization or Person Responsible	Population Size	Reference(s)
Bere	Ghanzi	1968	H.J. Heinz	156	Heinz (1970, 1973, 1975, 1978:75-76); Willy (1973a, b, 1976, 1979a)
Chobokwane	Ghanzi	1978	Ghanzi District Council, Remote Area Development Program (RADP)	150	Mayane (1979a, b); RADP (1978:70, 1979:37)
D'Kar	Ghanzi	1964	Dutch Reformed Church, D. Jerling	115	Childers (1976:77-80); Guenther (1979)
West Hanahai	Ghanzi	1978	Ghanzi District Council, Remote Area Development Program	191	Childers (1976); Childers, Stanley and Rick (1982); RADP (1979:36)
Ka/gae	Ghanzi	1973	A. Trall, Ka/gae Development Trust	169	Childers, Stanley and Rick (1982); RADP (1978:70, 1979:35, 41); Willy (1979a, 1979b)
Man/otai	Central	1976	Central District Council, RADP	129	Cashdan (1979); Cashdan and Chaako (1977); Hitchcock (1982a)
Xade	Ghanzi (CKGR)	1962	G. Silberbauer, Bushman Survey Officer	200	English et al (1980); Sheller (1977); Tanaka (1980); RADP (1979:35-36)

Table 2. (contd.)

Group Name and Location	Number of Groups	Group Sizes and Average	Number of Annual Moves	Range Sizes and Average	Reference(s)
X6, Balala, Southern Kalahari	5	39-114 67.2	0-6	160-1,600 521 km <sup>2</sup>	Childers (1981: 30, personal communication)
#'Rūa, Kūa, Southeastern Kalahari (Kweneng)	4	19-38 22.5	0-15	400-3,500 1,000 km <sup>2</sup>	Vierich (1977: 16, Table 1), Vierich, field notes
Kūa, Eastern Kalahari	7	19-42 29.57	4-18	675-1,370 989.29 km <sup>2</sup>	Hitchcock (1982a: 179, 191, 1982b: 248)
Tyua, North-eastern Kalahari	11	14-88 39.27	0-4	87-400 199.91 km <sup>2</sup>	Hitchcock (1982a: 179, Table 9, 191, Table 11)

Table 4. Land use categories in North West District (Ngamiland), Botswana<sup>a</sup>

Land Use Category (Zoning Type)	Size (km <sup>2</sup> )	Percentage of District
Communal	31,840	28.7%
Commercial	5,640	5.1
Investigation	11,071.29	10.1
Parks and Reserves	7,560	6.9
Wildlife Mangement Areas	11,085	10.1
Existing Ranches	2,012	1.8
Communal Reserve	4,877	4.4
Unzoned	36,073.71	32.8
DISTRICT TOTAL	110,163	100.0%

<sup>a</sup>Data provided by Hotze Bergsma, District Officer (Lands), North West District. Note that these figures differ slightly from those compiled by the Department of Surveys and Lands and the Rural Sociology Unit, Ministry of Agriculture; the overall percentages, however, are roughly the same in all three cases.

Table 5. Resident Populations of Commercial Ranching Areas in Botswana

District & Size	Area Name & Size	No. of Ranches	Population Size
Central 147,730	Lepasha (FDA) 768	12	600
	Western Sandveld (SDA) 14,022	8	5,500
	Nata Ranches 1,682	8	450
Ghanzi 117,910	Makunda (FDA) 640	10	100
	Nojane Ranches 1,669	25	1,800
	Tshane/Lehututu	10	125
Kgalagadi 106,940	Makopong	13	175
	Werda	10	140
	Middle Pits 4,564 (total)	10	130
Kgatleng 7,960	Bokspits (LDP I)	11	550
	North West	-	1,350
	Western (FDA)	63	1,900
Kweneng 35,890	North East (SDA) 6,800 (total)	59	1,350
	Samane (FDA)	15	425
	2nd Allocation Area (FDA)	22	650
Ngwaketse 28,470	CDC Group Ranches 14,400 (total)	6	350
	Hainaveld (FDA)	72	1,500
	SW Ngami (SDA) 5,640 (total)	-	3,800
Total			20,895

Table 7. National Parks, Game Reserves, and National Monuments in Botswana

Name of Park, Reserve, or Monument	District Name	Size (km <sup>2</sup> )
A. Gemsbok National Park	Kgalagadi	24,304
B. Mabuasehube Game Reserve	Kgalagadi	1,811
C. Kutse Game Reserve	Kweneng	2,703
D. Central Kalahari Game Reserve	Ghanzi	52,347
E. Makgadikgadi Pans Game Reserve	Northwest, Central	3,790
F. Nxai Pan National Park	Northwest	2,272
G. Moremi Wildlife Reserve	Northwest	2,788
H. Chobe National Park	Chobe	10,720
I. Tsodilo Hills National Monument	Northwest	132
J. Aha Hills National Monument	Northwest	148
K. Drottsky's Cave (G/wlhaba) National Monument	Northwest	60
L. Gaborone Game Reserve	Southeast	260
TOTAL		101,335 km <sup>2</sup>

Table 6. Communal service centers in and adjacent to Botswana's TGLP commercial ranching areas

District	Service Center	Size (hectares)	Population	Funds Requested
Central	Lepasha (FDA) <sup>a</sup>	13,000 ha	228	P42,000
	Mmaletswai (SDA) <sup>b</sup>	19,200	100	P66,000
	Kedia (SDA) <sup>c</sup>	20,000	440	P100,050
Kweneng	Diphuduhudu (SDA) <sup>d</sup>	45,000	480	P29,315
North West	Ranch No. 52 (FDA) <sup>e</sup>	4,900	50	P361,637
Southern	Tankana (FDA) <sup>f</sup>	6,400	130	P18,465

<sup>a</sup>Des Barry, Remote Area Development Officer, Central District Council, Serowe (personal communication)

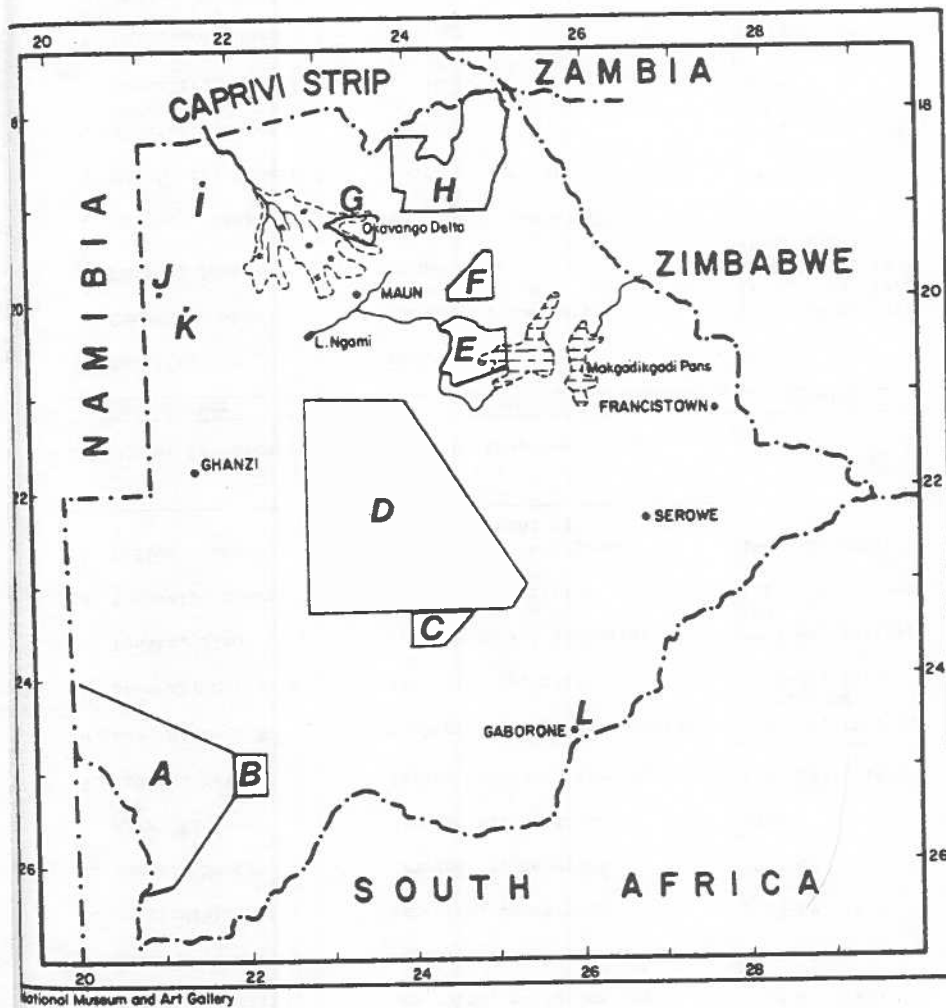
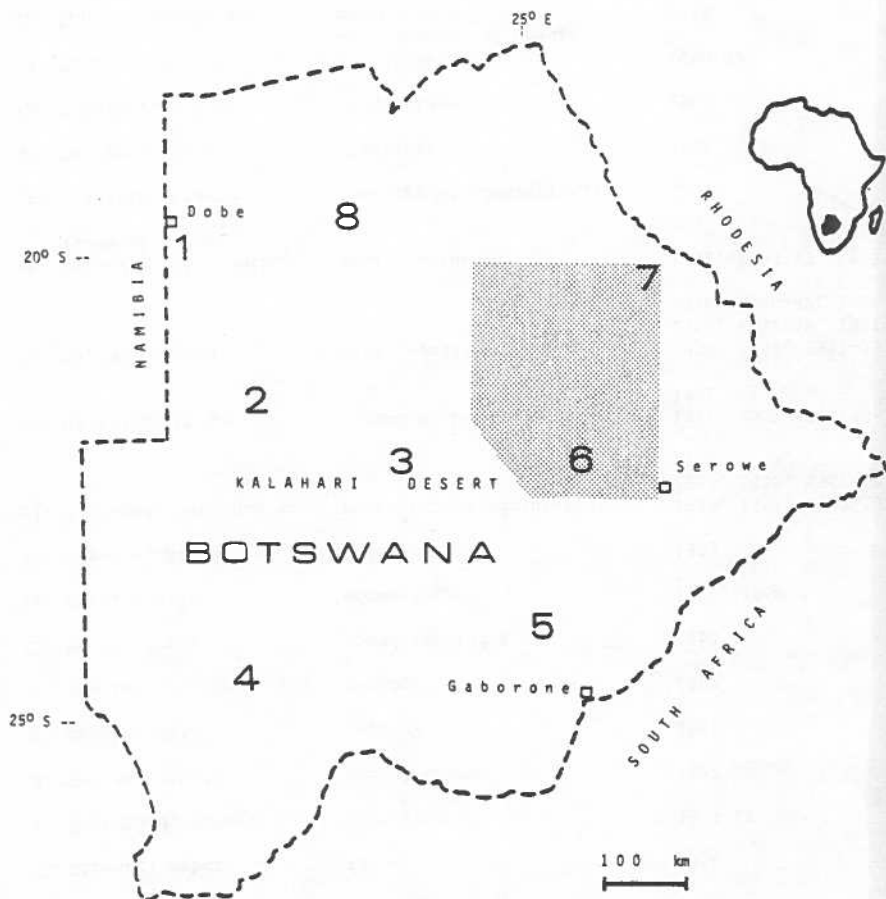
<sup>b</sup>Des Barry (personal communication); Hitchcock (1978, II:159), figure is for Mmaletswai borehole and well only; the regional population is 760

<sup>c</sup>Festus Dikgale, Remote Area Development Officer, Central District Council, Serowe (personal communication); Freddie Zufferey, Applied Research Unit, Ministry of Local Government and Lands, Gaborone (personal communication); official national census figures show a population of 393 at Kedia

<sup>d</sup>Andre Kramer, District Officer (Lands), Kweneng District, Molepolole (personal communication); Helga Vierich (personal communication); figure is for the regional population

<sup>e</sup>Leonard Matlhare, Remote Area Development Officer, North West District Council, Maun (personal communication); John Fella, Remote Area Development Officer, North West District Council, Maun (personal communication)

<sup>f</sup>Childers (1981:11-12); Tebobo Nkwe, Assistant Rural Sociologist (TGLP), Rural Sociology Unit, Ministry of Agriculture, Gaborone (personal communication)



I. The Marshall Expeditions (Peabody-Harvard Smithsonian Kalahari Expeditions) Personnel (after Marshall 1976:ix-xv, 1-3, 10-11)

Researcher	Topic	Date(s)
1. Blitz, Daniel	photography, sound recording	1955
2. Dyson, Robert H.	archaeology	1951
3. England, Nicholas	music, sound recording	1958, 1959, 1961
4. Ernst, Hans	sound recording	1953
5. Gardner, Robert	film	1958
6. Gesteland, Robert	photography	1957-58
7. Gordon, Robert	social change	1983
8. Haacke, Wolf	zoology	1961
9. Handley, Charles, Jr.	zoology	1952
10. Hesse, Frank	sound recording	1953
11. Koch, Charles	entomology	1951, 1958
12. Maguire, Brian	botany	1953
13. Marshall, Laurence K.	photography, administration	1950, 1951, 1952-53, 1955, 1956, 1957-58, 1961
14. Marshall, Lorna	social anthropology	1951, 1952-53, 1955, 1961
15. Marshall, John	film, social change	1950, 1951, 1952-53, 1955, 1957-58, 1972, 1978, 1980-82, 1984
16. Marshall, Elizabeth (Thomas)	social anthropology	1951, 1953-53, 1955
17. McIntyre, Claude	development administration	1951
18. Metzger, Fritz	ethnology	1951
19. Prozesky, O.P.M.	ornithology	1961
20. Ritchie, Claire	social anthropology, development and change	1980-82
21. Scherz, Anneliese	photography	1953
22. Story, Robert	botany	1955, 1958
23. Williams, Eric	anatomy	1951

II. The Harvard Kalahari Research Project Personnel (after Lee 1979b:319)

Researcher	Topic	Date(s)
1. Bieseke, Megan	folklore, social change	1970-72, 1975-76, 1981-82
2. Blurton Jones, Nicholas	ethology	1971
3. DeVore, Irvén	hunting behavior	1963, 1964, 1967-68
4. Draper, Patricia	sex roles, child rearing	1968-69, 1975
5. Hansen, John D.L.	pediatrics	1967, 1968
6. Harpending, Henry	genetics, demography	1968-69, 1975
7. Howell, Nancy	demography, networks	1967-69
8. Katz, Richard	ritual healing dance	1968
9. Konner, Melvin	infant behavior, ethology	1969-1971, 1975
10. Lee, Richard B.	ecology, social organization	1963-64, 1967-69, 1973, 1980
11. Shostak, Marjorie	life history, crafts	1969-71, 1975
12. Tanaka, Jiro	ecology, social organization	1967-68, 1971-72, 1975
13. Truswell, Steward	medicine, nutrition	1967, 1968, 1969
14. Yellen, John E.	archaeology, settlement patterns, hunting	1968-70, 1975-76

III. Other Researchers Involved with !Kung Populations

Researcher	Topic	Date(s)
1. Bucklin, Sue	rock art	1964
2. Campbell, Alec	ethnology, rock art, archaeology	1964, 1968, 1971, 1975, 1976, 1978 etc.
3. Denbow, James R.	archaeology	1978, 1980, 1982, 1983, 1984
4. Hermans, Janet	ethnology, social change	1979
5. Hitchcock, Robert K.	hunting, rock art, archaeology	1976, 1977, 1978
6. Jenkins, Trefor	genetics	1963, 1968, 1969, 1981
7. Kennelly, Brian	cardiology	1969
8. MacGregor, Jean	ecology	1975
9. Murry, Bob & Ellen	ethnobotany, ethnology	1981-82



## III. Other Researchers Involved with !Kung Populations (cont'd.)

Researcher	Topic	Date(s)
10. Pfothenhauer, Linda	social change	1984
11. Read, Dwight	social organization	1973
12. Wiessner, Polly	ethnology, reciprocity, stylistic analysis	1973-77
13. Wilmsen, Edwin N.	kinship, ethnology, ecology, nutrition, archaeology	1973-74, 1975-76, 1977, 1980, etc.

## IV. Smithsonian Institution - George Washington University Archaeological and Ethnoarchaeological Research Project

Researcher	Topic	Date(s)
1. Brooks, Alison S.	archaeology	1975-76, 1977, 1980, 1982, 1983
2. Bruneau, Wendy	archaeology	1982
3. Crowell, Aron	archaeology, hunting	1975-76
4. Caister, Daniel	archaeology	1977
5. Forsythe, Rick	archaeology	1977
6. Hargrove, Thomas	archaeology, agriculture	1975-76
7. Helgren, David	geomorphology	1977
8. Kaup, Ann	archaeology	1982
9. Rubin, Kathleen	archaeology	1980, 1982
10. Walker, Constance	archaeology	1977
11. Yellen, John E.	ethnoarchaeology	1968-70, 1975-76, 1977, 1980, 1982, 1983

## V. The Kalahari Research Committee (University of the Witwatersrand) Personnel (after Tobias 1975:74-76)\*

Researcher	Topic	Affiliation
1. Beighton, Peter	epidemiology	U. of Cape Town
2. Clement, John	dentistry	Wits. U.
3. De Villiers, Hertha	anatomy	Wits. U.
4. Gear, James	biochemistry	SAIMR
5. Heinz, H.J.	parasitology, ethnology	Wits. U.
6. Jenkins, Trefor	serogenetics	SAIMR
7. Mason, Revil	archaeology	Wits. U.
8. Metz, J.	serogenetics	SAIMR
9. Nurse, G.T.	serogenetics	SAIMR
10. Reuning, Helmuth	psychology	NIPR/CSIR
11. Steinberg, A.G.	serogenetics	SAIMR
12. Strydom, N.B.	work effort, energy	HSL/CM
13. Thomas, Cyril	dentistry	Wits. U.
14. Tobias, Phillip V.	anatomy, genetics	Wits. U.
15. Traill, Tony	linguistics	Wits. U.
16. Van Reenen, J.F.	dentistry	Wits. U.
17. Weiner, J.S.	genetics	Oxford U.
18. Westphal, Ernst	linguistics	U. of Cape Town
19. Wortley, Wendy	psychology	NIPR/CSIR
20. Wyndham, C.H.	psychology	HSL/CM

\*The abbreviations are as follows: SAIMR = South African Institute for Medical Research, Wits. U. = University of the Witwatersrand, NIPR/CSIR = National Institute for Personnel Research/Council for Scientific and Industrial Research; HSL/CM = Human Sciences Laboratory of the Chamber of Mines of South Africa.

## VI. University of New Mexico Kalahari Project Personnel

Researcher	Topic	Date(s)
1. Brearley, John	music	1982
2. Bunn, Henry	faunal ethnoarchaeology	1978
3. Cashdan, Elizabeth	exchange, ethnology	1975-77
4. Chasko, William J., Jr.	land use, demography	1975-77
5. Crowell, Aron L.	hunting	1976
6. Draper, Patricia	ethnology	1975
7. Ebert, James I.	archaeology, ethnology	1975-76
8. Ebert, Melinda	rural industries	1975 76
9. Filteau, Patricia	storage, female initiation	1976
10. Harpending, Henry	demography	1975
11. Hitchcock, Robert K.	ethnology, ethnoarchaeology	1975-76, 1977-79, 1980-82
12. Jenkins, Trefor	serogenetics	1975
13. Kroll, Ellen	ethnoarchaeology	1978
14. Lundberg, Ulla-Lena	ethnology	1978
15. Nurse, George T.	serogenetics	1975
16. Premack, David	psychology	1977
17. Oabile, Malebogo	land use planning	1975-76
18. O'Connor, Bridget	music, story-telling	1976, 1977, 1978, 1979
19. Riefxinger, Claus	land use planning	1975-76
20. Stirling, Catherine	land use planning	1978
21. Thoma, Axel	land use planning	1975-76, 1977-78
22. Totten, Sam	ethnology, social change	1978
23. Vierich, Helga	ecology, ethnology	1976, 1977

## VII. Personnel in the Remote Area Development Programme Who Have Worked with San in Botswana

Name	Position	District
Baluseng Baluseng	RADO	Kweneng
Barry, Desmond	ARADO	Central
Bieseke, Megan	I/L	North West
Brenner, Allan	C/E	Country
Byram, Martin	C/E	Kgalagadi
Caye, Virginia	C/DS	Kgatlang
Childers, Gary	I/L, C/DS	Ghanzi, Southern
Clauss, Bernhard	Adv	Ghanzi
Clauss, Renate	Adv	Ghanzi
Copperman, Jeanette	I/L	Kgatlang
Dikgale, Festus	RADO	Kgalagadi, Central
Egner, Brian	C	Country
English, Mark	ARADO	Ghanzi
Fella, John	RADO	North West
Giddie, Mothokhumo E.	RADO	Country
Gofetile, Lerateng	RADO	Country
Hitchcock, Robert K.	C/DS, I/L	Central
Jerling, D.	Adv	Ghanzi
Koitsiwe, S.R.	C/DS	Kgatlang
Lawry, Steve	C/DS	Kgalagadi
Lefoko, Oanatame	Ag Adv	Ghanzi, Central
Luhling, A.	Adv	Kgalagadi
Maakwe, Galaletsang	ARADO	Country

## VII. (Cont'd.)

Name	Position	District
Mabengano, Marang	ARADO, RADO	Country
Makosha, R.B.	ARADO	Kgalagadi
Marakanyane, Kgotsa	RADO	Kgatlang
Martin, Dale	Adv	Ghanzi
Martin, Lori	Adv	Ghanzi
Matlhare, Leonard	Ag Adv, ARADO	North West
Mayane, Soblen	RADO	Ghanzi
Molatole, N.	RADO	Kgalagadi
Monshu, Gertrude	ARADO	Kgalagadi
Mpholhwe, Joseph	ARADO	Kweneng
Murray, Mark	Adv/WL	Ghanzi (CKGR)
Northam, Larry	C/E	Country
Pfotenhauer, Linda	I/L	Central
Pule, Oliver	RADO	Kweneng
Ramatlhodi, S.	ARADO	North West
Rammala, J.	Adv	Ghanzi
Reid, Ngairé	Adv	Kgalagadi
Rotsart de Hertaing, C.	Adv/Wtr	North West
Rowland, Marcus	Adv	Country
Schwartz, J.	ACDO	Ghanzi
Sheller, Paul	C/DS	Ghanzi (CKGR)
Thoma, Axel	RADO	Kgalagadi
Tlhage, Justice	Adv/NFE	Kgalagadi
Tshweneyegae, Malaki	RADO	Central
Traill, A.	Adv	Ghanzi

## VII. (cont'd.)

Name	Position	District
Venter, Verena	Adv	Ghanzi
Vierich, Helga	I/L	Kweneng
Wily, Elizabeth	RADO	Country
Xhari, Jan	ARADO	Ghanzi
Zufferey, Freddie	Adv/DS	Central

Note: The abbreviations used in the above table are as follows:  
 RADO = Remote Area Development Officer, ARADO = Assistant Remote Area Development Officer, I/L = Investigation Liaison, C/E = Consultant in Education, C/DS = Consultant - Development Survey, Adv = Advisor, C = Consultant, Ag Adv = Agricultural Advisor, Adv/WL = Advisor - Wildlife, Adv/Wtr = Advisor - Water, Adv/NFE = Advisor - Non-Formal Education, Adv/DS = Advisor - Development Survey, CKGR = Central Kalahari Game Reserve.

VIII. Researchers in Botswana Who Have Worked on Issues  
Relating to Land and the Tribal Grazing Land Policy

Name	Institutional Affiliation	Field of Study
Almagor, Uri	Hebrew University Tel Aviv, Israel	Anthropology
Arntzen, Jaap	National Institute of Research, Botswana	Economics
Bailey, Charles	Cornell University Ithaca, New York	Economics
Bekure, Solomon	International Livestock Centre for Africa (ILCA)	Economics
Bruce, John	Land Tenure Center University of Wisconsin, Madison, Wisconsin	Land Resources and Land Law
Chambers, Robert	University of Sussex Sussex, England	Rural Develop- ment
Comaroff, John	University of Chicago Chicago, Illinois	Anthropology
Conlin, Richard	University of Botswana Gaborone, Botswana	Political Science
Dyson-Hudson, Neville	International Livestock Centre for Africa (ILCA)	Anthropology
Fortmann, Louise	Cornell University Ithaca, New York	Rural Sociol- ogy
Gulbrandsen, Ornulf	Bergen University Bergen, Norway	Anthropology
Haaland, Gunnar	International Livestock Centre for Africa (ILCA)	Anthropology
Heisey, Paul	University of Wisconsin Madison, Wisconsin	Agricultural Economics
Henderson, Willie	University of Sussex Sussex, England	Economics
Hitchcock, Robert	University of New Mexico Albuquerque, New Mexico	Anthropology
Holm, John	Cleveland State University Cleveland, Ohio	Political Science

## VIII. (Cont'd.)

Name	Institutional Affiliation	Field of Study
Hubbard, Michael	University of Sussex Sussex, England	Economics
Hunnes, Odd Ragnar	University of Oslo Oslo, Norway	Geography
Jerve, Alf-Morten	Bergen University Bergen, Norway	Anthropology
Kjaer-Olsen, Pia	Aarhus University Aarhus, Denmark	Anthropology
Lawry, Steve	Land Tenure Center University of Wisconsin	Land Resources
Lyby, Erik	Aarhus University Aarhus, Denmark	Anthropology
Machacha, Barulaganyane	University of Wisconsin Madison, Wisconsin	Rural Sociol- ogy
Marquardt, Mark	University of Wisconsin Madison, Wisconsin	Agricultural Economics
Mathuba, Botselo	University of Wisconsin Madison, Wisconsin	Rural Sociol- ogy
Merafe, Yvonne	University of Wisconsin Madison, Wisconsin	Rural Sociol- ogy
Morrison, Steve	University of Wisconsin Madison, Wisconsin	Political Science
Odell, Marcia	Synergy International Amesbury, Massachusetts	Interdiscip- inary
Opschoor, Hans	National Institute of Research, Gaborone	Economics
Parson, Jack	University of Charleston Charleston, South Carolina	Political Science
Peters, Pauline	African Studies Center Boston University	Anthropology
Picard, Louis	University of Nebraska Lincoln, Nebraska	Political Science

## VIII. (Cont'd.)

Name	Institutional Affiliation	Field of Study
Roe, Emery	Cornell University Ithaca, New York	Interdisciplinary
Sandford, Stephen	Overseas Development Institute (ODI)	Interdisciplinary
Solway, Jackie	University of Toronto Toronto, Canada	Anthropology
Sutherland, Alistair	Manchester University Manchester, England	Anthropology
Temane, B.K.	University of Wisconsin Madison, Wisconsin	Land Resources
van Vegten, Jan	National Institute of Research, Gaborone	Range Ecology
Vierich, Helga	University of Toronto Toronto, Canada	Anthropology
Werbner, Richard	Manchester University Manchester, England	Anthropology
Willett, Tony	U.S. Agency for Inter- national Development	Interdisciplinary
Wilmsen, Edwin	African Studies Center Boston University	Anthropology
Worby, Eric	McGill University Montreal, Canada	Anthropology
Wylie, Diana	Yale University New Haven, Connecticut	History
Wynne, Susan	Indiana University Bloomington, Indiana	Political Science

## IX. Government Personnel Working on Remote Area Development and Tribal Grazing Land Policy Issues (Non-RADP)

Name	Position	District
Alarie, Maurice	DO(L)	Ngwaketse
Banks, Kevin	DO(L)	Ngwaketse
Bergsma, Hotse	DO(L)	North West
Boshwaeng, E.G.	C/COI	Ngwaketse
Campbell, Alec	C/COI	Ngwaketse
Casbon, Eleanor	DO(L)	Ghanzi
Dlodlo, Parrot	AS/LB	North West
Dyce, Geoff	DO(L)	Central (North)
Greenhow, Timothy	DO(L)	Central
Huddleston, Paul	DO(L)	Central
Khumalo, Goodman	SO/RSU	Kgalagadi, Ghanzi
Kramer, Andre	DO(L)	Kweneng
Lebanna, L.	AS/LB	Kgalagadi
LeBrun, Marlene	LTO	Central
Marquardt, Mark	COL	Country
McCormick, Scott	LTO	Ngwaketse, Kweneng
Merafe, Yvonne	SRS/RSU	Country
Nkwe, Tebogo	SRS/TGLP	Country
Ntseane, Peggy	SO/RSU	Ngwaketse
Oabile, Malebogo	AS/LB	Central
Odell, Malcolm J.	SRS/RSU	Country
Pamije, Randy	LTO	Ghanzi, Kgalagadi
Rick, Kathryn	C/ARU	Ghanzi

## IX. (cont'd.)

Name	Position	District
Selema, Ernst	ALDO/LUD	Country
Shewfelt, Dennis	DO(L)	North West
Stanley, Joyce	C/ARU	Ghanzi
Stapps, Joep	DO(L)	Ngwaketse
Thoma, Axel	TA/LB	Central
Tsimako, Bonnake	SO/RSU	Central
Vickers, Adam	DO(D)	Kgalagadi
Walsh, Martha	LTO	North West
White, Richard	DO(L)	Kgalagadi
Yaxley, Eric	DO(L)	Central
Zufferey, Freddie	C/ARU	Central

Note: The abbreviations used in the above table are as follows:  
 DO(L) = District Officer (Lands), C/COI = Consultant, Commission of Inquiry, SO/RSU = Sociological Officer - Rural Sociology Unit, AS/LB = Administrative Secretary - Land Board, COL = Commissioner of Lands, LTO = Land Tenure Officer, SRS/RSU = Senior Rural Sociologist - Rural Sociology Unit, C/ARU = Consultant - Applied Research Unit, SRS/TGLP = Senior Rural Sociologist, Tribal Grazing Land Policy, ALDO/LUD = Assistant Land Development Officer - Land Utilization Division, TA/LB = Technical Advisor - Land Board, DO(D) = District Officer (Development).

## X. Other Researchers Who Have Worked on San in Botswana

Name	Field of Study	Name	Field of Study
Balsan, Francois	General	Maingard, J.	Linguistics
Barbour, Fiona	Ethnology	Moss, Helen	Botany
Barnard, Alan	Ethnology	Motsafi, Pnina	Ethnology
Bjerre, Hans	General	Oakley, K.	Ethnology
Blecher, S.P.	Genetics	Osaki, M.	Ethnology
Bleek, Dorothea	Ethnology	Passarge, S.	General
Breyer-Brandwijk, M.G.	Botany	Russell, Margo	General
Dart, Raymond	Physical Anthropology	Sbrzesny, H.	Ethology
Devitt, Paul	General	Schapera, I.	Ethnology
Dickens, Patrick	Linguistics	Schwarz, E.	General
Doke, C.M.	Linguistics	Seiner, F.	Ethnology
Dornan, S.S.	Ethnology	Silberbauer, G.	Ethnology
Duggan-Cronin, A.M.	General	Snyman, J.	Linguistics
Eibl-Eibesfeldt, I.	Ethology	Steyn, H.P.	Ethnology
Gruber, J.S.	Linguistics	Sugawara, K.	Ethology
Gusinde, M.	Ethnology	Tagart, E.S.B.	Inquiry
Hold, Barbara	Ethology	Valiente-Noailles, C.	Ethnology
Joyce, J.W.	Census & Survey	Van Der Post, L.	General
Kirby, P.R.	Music	Vossen, Rainer	Linguistics
Kohler, Oswin	Linguistics	Westphal, E.	Linguistics
Kuper, Adam	Ethnology	Wilhelm, J.H.	Ethnology
MacCrone, I.D.	Botany		

XI. Researchers Who Have Done Master's Theses or Doctoral Dissertations on San (Basarwa) in Botswana

Name	Institutional Affiliation
Barnard, Alan	University of London London, England
Bieseke, Megan	Harvard University Cambridge, Massachusetts
Cashdan, Elizabeth	University of New Mexico Albuquerque, New Mexico
Draper, Patricia	Harvard University Cambridge, Massachusetts
Gelburd, Diane	George Washington University Washington, D.C.
Guenther, Mathias	University of Toronto Toronto, Canada
Hargrove, Thomas	George Washington University Washington, D.C.
Harpending, Henry	Harvard University Cambridge, Massachusetts
Heinz, Hans-Joachim	University of South Africa Pretoria, South Africa
Hermans, Janet	American University Washington, D.C.
Hitchcock, Robert	University of New Mexico Albuquerque, New Mexico
Howell, Nancy	Harvard University Cambridge, Massachusetts
Konner, Melvin	Harvard University Cambridge, Massachusetts
Lee, Richard	University of California Berkeley, California
Silberbauer, George	Monash University Clayton, Australia
Steyn, H.P.	University of Stellenbosch Stellenbosch, South Africa

XI. (Cont'd.)

Name	Institutional Affiliation
Tanaka, Jiro	Kyoto University Kyoto, Japan
Traill, Anthony	Witwatersrand University Johannesburg, South Africa
Vierich, Helga	University of Toronto Toronto, Canada
Wiessner, Polly	University of Michigan Ann Arbor, Michigan
Yellen, John	Harvard University Cambridge, Massachusetts

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