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**Index to livestock literature  
microfiched by the  
ILCA/IDRC team  
in  
BOTSWANA**

**DECEMBER 1985**

Documentation Services

International Livestock Centre for Africa  
P.O. Box 5689, Addis Ababa, Ethiopia

## CONTENTS

Foreword .....	v
A guide for users .....	vii
Sample entry .....	viii
Bibliographic index .....	1
Subject index .....	77
Author index .....	138
Corporate author index .....	142
List of abbreviations .....	146

## FOREWORD

Geared to the needs of African researchers, ILCA's Documentation Centre serves as a pool of information on all aspects of livestock production and related disciplines in sub-Saharan Africa. The Centre collects, processes and disseminates information in both English and French, and provides such services as retrospective searches on selected topics, selected dissemination of information (SDI) and production of specialized bibliographies.

Under a project funded by the International Development Research Centre (IDRC) of Canada, ILCA is building a microfiche collection of non-conventional literature on the livestock industries in tropical Africa. Since 1983 ILCA's documentation team has also been collecting agroforestry literature for the International Council for Research in Agroforestry (ICRAF) based in Nairobi, Kenya. The ILCA/IDRC project began in 1979, and to date 21 countries have been visited.

ILCA's team first visited Botswana in July 1978, when 282 documents were selected and microfiched. These documents are listed in ILCA/Botswana Working Document No. 4. The present index is a combination of the working document No. 4 and a further 731 documents screened and microfiched during the follow-up mission from July to October 1983. The references of all Botswana documents have now been incorporated into the ILCA data base and are accessible on line.

ILCA expresses its gratitude to the following institutions which kindly gave their permission to microfiche documents available in their archives:

- Ministry of Agriculture\*
- Sebele Agricultural Research Station\*
- Botswana National Archives\*
- Botswana Meat Commission
- Botswana National Library Services\*
- Central Statistics Office
- EEC Office
- USAID Office
- International Voluntary Services - Botswana Programme
- Department of Veterinary Services\*
- University of Botswana\*
- National Institute of Development and Documentation

ILCA is also most grateful to all those without whose help the team member's mission would not have been successful, in particular:

- Mr David Finlay  
Permanent Secretary  
Ministry of Agriculture
- Mr S.D. Ramahobo  
Livestock Project Co-ordinator  
Ministry of Agriculture
- Mr G. Motsemme  
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Ministry of Agriculture
- Mrs M. Mosedame  
Librarian  
Ministry of Agriculture

\* Copies of all microfiche documents obtained in Botswana and microfiche readers are available in these institutions.

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Field Director  
International Voluntary Services
- Mr Faddy Modije  
Government Statistician  
Central Statistics Office
- The Director  
Botswana National Library Services

## A GUIDE FOR USERS

This index has four parts:

Bibliographic index  
Subject index  
Author index  
Corporate author index

In the bibliographic index each documentary unit is given a sequence number. A specific document can be identified in the other indexes by subject, author or corporate author, where the same sequence number can be used to locate the entry in the bibliographic index, as shown in the following example:

### Subject index

#### ECONOMIC DEVELOPMENT

Report of the remote area development workshop. **0175**

Review of socio-economic development in Botswana, 1966-1979.

Report to SIDA. **0192**

Science and technology for development in Botswana: A critical appraisal with emphasis on appropriate technology for rural development. **0244**

### Author index

Matswe, S. **0366**

Mazonde, I.N. **0244**

McCarthy, S. **0333**

McDonald, I. **0599**

### Corporate Author Index

University Coll. of Botswana, Gaborone. Dept. of History **0245, 0603**

University Coll. of Botswana, Gaborone. National Inst. of Development and Cultural Research **0029, 0032, 0038, 0049, 0191, 0239, 0244, 0260, 0268, 0287 ....**

University of Botswana and Swaziland, Gaborone (Botswana) **0246, 0503**

In each case refer to sequence number **0244**, in the bibliographic index to find the document.

## SAMPLE ENTRY

Components of a reference:

1	-----				
2	-----	0244	Mazonde, I.N. University Coll. of		
3	-----		Botswana, Gaborone. National Inst.		
	-----		of Development and Cultural Research <b>Science</b>		
	-----		<b>and technology for development in Botswana:</b>		4
	-----		<b>a critical appraisal with emphasis on appropriate technology for rural development.</b>		
5	-----		<i>NIR Working Paper (Botswana). Nov 1978,</i>		
7	-----		no. 21, 36p., 33 ref.		6
	-----		<b>WORKING PAPER, BOTSWANA, ECONOMIC DEVELOPMENT, SCIENCE AND TECHNOLOGY, APPROPRIATE TECHNOLOGY, TECHNOLOGY TRANSFER.</b>		8
	-----				9
10	-----		Mic. No.: 57607		

1. Sequence number
2. Author
3. Corporate author
4. Title
5. Serial title

6. Date of publication
7. Serial number
8. Collation notes
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Note: Papers indicated as restricted in the first part of the index can only be released by the Centre with the author's or the institution's permission.

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## BIBLIOGRAPHIC INDEX

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Mic. No.: 57888
- 0002** Bechuanaland Protectorate. Department of Agriculture. **Annual report, 1950.** (1950), 9p.  
*PROGRESS REPORT, BOTSWANA, AGRICULTURAL DEVELOPMENT.*  
Mic. No.: 57889
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Mic. No.: 57891
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*REPORT, BOTSWANA, NATIONAL ECONOMY, SOCIAL SERVICES, ADMINISTRATION.*  
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- 0070** **Bechuanaland Protectorate development plan 1963-1968.** s.l., s.n., s.d., 72p.  
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- 0071** **Bechuanaland Protectorate. Report for the year 1955.** s.l., s.n., 1956, 99p.; 13 ref.  
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- 0073** **Bechuanaland Protectorate. Report for the year 1957.** London (UK), Her Majesty's Stationery Office, 1958, 118p.; ref.  
*REPORT, BOTSWANA, NATIONAL ECONOMY, SOCIAL SERVICES, ADMINISTRATION.*  
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- 0074** **Bechuanaland Protectorate. Report for the year 1958.** London (UK), Her Majesty's Stationery Office, 1959, 121p.  
*REPORT, BOTSWANA, HUMAN POPULATION, SOCIAL SERVICES, ADMINISTRATION, HISTORICAL ASPECTS, FINANCE.*  
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- 0078** **Bechuanaland. Report for the year 1964.** London (UK), Her Majesty's Stationery Office, 1964, 160p.  
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Mic. No.: 12550

## SUBJECT INDEX

### ABATTOIRS

- Report and accounts for the year ended 31st December, 1962. **0545**
- Report and accounts for the year ended 31st December, 1963. **0546**
- The Botswana Meat Commission (BMC). **0574**
- The Botswana Meat Commission 1979 annual report. **0568**
- The Botswana Meat Commission 1980 annual report. **0569**
- The Botswana Meat Commission 1981 annual report. **0570**
- The Botswana Meat Commission. Accounts and report, 1977. **0567**
- The Botswana Meat Commission. Accounts and report, 1978. **0571**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1966. **0558**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1968. **0559**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1969. **0560**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1970. **0561**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1971. **0562**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1972. **0563**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1974. **0564**
- The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1975. **0565**
- The Botswana Meat Commission. Report and accounts, 1976. **0566**

### ABORTION

- The first isolation of *Leptospira interrogans serovar pomona* from cattle in Botswana. **0897**

### ACACIA

- Handbook of Botswana acacias. **0745**

### ACP

- A study on improving EEC agricultural surplus availability to ACP countries. Some observations on food aid and concessional sales of surplus agricultural produce to the ACP. **0371**

### ADMINISTRATION

- Annual report for the year 1967. **0177**
- Annual report of the Bechuanaland Protectorate for the year 1949. **0063**
- Annual report of the Bechuanaland Protectorate for the year 1952. **0064**
- Annual report of the Bechuanaland Protectorate for the year 1953. **0065**
- Annual report of the Bechuanaland Protectorate for the year 1954. **0066**
- Annual report on the Bechuanaland Protectorate for the year 1946. **0067**
- Bechuanaland Protectorate. Report for the year 1955. **0071**
- Bechuanaland Protectorate. Report for the year 1956. **0072**
- Bechuanaland Protectorate. Report for the year 1957. **0073**
- Bechuanaland Protectorate. Report for the year 1958. **0074**
- Bechuanaland Protectorate. Report for the year 1959. **0075**
- Bechuanaland Protectorate. Report for the year 1960. **0076**
- Bechuanaland Protectorate. Report for the years 1961/1962. **0077**
- Bechuanaland. Report for the year 1964. **0078**
- Country profile, Botswana. **0142**
- Planning for local institutions development in the CFDA's of Botswana. **0460**
- Report on local institutions in five villages in the Southern District - Communal First Development Area. **0500**
- Rural development in Botswana: The district administration and the creation of district development committees, 1966-1973. **0487**

### ADMINISTRATIVE ASPECTS

- Dryland Farming Research Scheme (DLFRS), Botswana. Third administrative report Phase II, July 1977 to September 1978. **0708**
- Technical assistance services to livestock owners in communal areas, Botswana. Final report. **0598**

### AERIAL SURVEYING

- Investigation of the Okavango Delta as a primary water resource for Botswana. Demonstration cattle census by aerial sample count. **1005**

### AFFORESTATION

- Kgalagadi settlements project - sandveld plantation trials, Takatokwane. Preliminary plantation report. **0780**

- Sand dune stabilization, Bokspits, Botswana. **0718**
- AFRICA**
- 'Sociological factors' in the commercialisation of cattle in Africa. **0375**
- Land tenure issues in African development (a position paper). **0283**
- Minutes of the eleventh regular meeting of the SARCCUS standing committee for animal health. **0872**
- Notes on the history of sleeping sickness. **0899**
- On socio-economic systems and technological innovations in developing countries of Africa. **0426**
- Some aspects of African ecology with special reference to Botswana. **0735**
- The impact of changing agricultural technology on African land tenure. **0308**
- AFRICAN BUFFALOES**
- Past and present distribution of buffalo in Botswana. **0826**
- Studies on reproduction in the African buffalo (*Syncerus caffer*) in Botswana. **0815**
- Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0834**
- The isolation of foot-and-mouth disease virus from African buffalo (*Syncerus caffer*). **0894**
- Ticks from the African buffalo (*Syncerus caffer*) in Ngamiland, Botswana. **0874**
- AGE**
- Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0834**
- AGRARIAN POLICIES**
- Botswana's land tenure: Institutional reform and policy formulation. **0237**
- Development of arable lands policy for Botswana. **0184**
- Extract from Presidential Directive CAB. 44/74, dated 17th December 1974, on land development policy: Eastern Tribal Lands. **0194**
- Popular version of the Tribal Grazing Land Policy. **0273**
- Productivity vs equity: Land reform in Botswana. **0216**
- Report on arable policy seminar. **0226**
- TGLP guidelines. **0304**
- The evolution of agricultural cooperatives and government policy in Botswana. **0603**
- The history of "the colonial land" policies: The Molopo case, 1855-1966. **0237**
- AGRARIAN REFORM**
- Social and environmental impacts of agrarian reform in rural Botswana. **0474**
- AGRICULTURAL CREDIT**
- Credit facilities in Botswana. **0340**
- Rural development in Botswana. **0384**
- AGRICULTURAL DEVELOPMENT**
- A historical transformation of arable agriculture in the Barolong farms. **0246**
- A land use survey of the Northern State Lands of Botswana. **0081**
- A second report on the socio-economic aspects of ranch development, Ncojane farms. Report on a survey undertaken from 3rd to 15th June, 1978. **0451**
- A study of Commonwealth food production. **0295**
- A study of constraints on agricultural development in the Republic of Botswana (including an assessment of the role of food aid). **0117**
- Agricultural change in Botswana: A summary of farm management survey results, 1970-76. **0346**
- Agricultural cooperatives in Botswana. **0342**
- Agricultural cooperatives in the Southern District Communal First Development Area. **0285**
- Agricultural development in Botswana: Targets and constraints. **0062**
- Agricultural group development in Botswana, volume 1,2,3,4. **0314**
- Agricultural production and exchange: The case of Central District Bukalanga area c. 1890-1940. **0605**
- Agricultural research for development of small farmers: A closer look at traditional technology. **0031**
- Agricultural transformation and the rise of the Kulak farmers in Kweneng, 1939-1966. **0469**
- Annual report of the Agricultural Division, 1944. **0012**
- Annual report of the Department of Agriculture for the year 1965/66. **0017**
- Annual report of the Department of Agriculture for the year ended 30th September 1965. **0018**
- Annual report of the research section for the year ending 30th September, 1969. **0028**
- Annual report, 1937. **0020**
- Annual report, 1938. **0019**
- Annual report, 1939. **0021**
- Annual report, 1940. **0022**
- Annual report, 1941. **0023**
- Annual report, 1942. **0024**
- Annual report, 1943. **0025**
- Annual report, 1945. **0013**
- Annual report, 1946. **0014**
- Annual report, 1948. **0005**
- Annual report, 1949. **0001**
- Annual report, 1950. **0002**
- Annual report, 1951. **0006**
- Annual report, 1952. **0003**
- Annual report, 1953. **0007**
- Annual report, 1954. **0004**
- Annual report, 1955. **0008**
- Annual report, 1956. **0009**
- Annual report, 1957. **0010**
- Annual report, 1963/64. **0011**
- Annual report, 1979/80. **0109**
- Botswana's agriculture in the light of Asian experience. **0234**
- Botswana's rural economy. **0411**
- Cambridge Botswana Expedition, 1980. The development of the Gomare region in the western Okavango fringe. **0395**

- Cattle as a store of wealth in Swaziland: Implications for livestock development and overgrazing in eastern and southern Africa.** 0408
- Colonial initiative and African response to the establishment of the dairy industry in Bechuanaland Protectorate, 1930-1966.** 0238
- Conditions of agricultural change: The Marapong case.** 0470
- Evaluation of the natural resources available for agricultural production and development in the tropics and sub-tropics.** 0299
- Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 2.** 0953
- Kasane land use survey.** 0269
- Land availability and arable lands development in southern Kgatleng.** 0239
- Land tenure issues in African development (a position paper).** 0283
- Planning for agricultural development in Botswana.** 0318
- Planning for development, Kgatleng District. A spatial and development plan with reference to local agricultural problems.** 0120
- Report on development of horticulture and intensive farming in Botswana.** 0628
- Report on the Kgatleng First Development Area and attitudes to agricultural problems with special reference to the TGLP and group formation.** 0381
- Rural-urban interdependence and agricultural development.** 0448
- Second thoughts on the history of Botswana arable agriculture.** 0039
- Sixth annual report, 1978.** 0772
- Strategies for agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun District, Botswana.** 0472
- Surveys and training for the development of water resources and agricultural production, Botswana. Initial report.** 0293
- Surveys and training for the development of water resources and agricultural production, Botswana. Narrowing the gap - some guidelines to the social problems of agricultural production in Botswana.** 0202
- Surveys and training for the development of water resources and agricultural production, Botswana. The agro-economic conditions of Molapo cultivation in the Shorobe area.** 0278
- Targets for agricultural development in Botswana.** 0286
- The impact of changing agricultural technology on African land tenure.** 0308
- The implications of agricultural development planning for rural settlement.** 0445
- The Matsheng land use plan: A case study in settlement and agricultural development planning in Kgalagadi District.** 0230
- The process of agricultural development.** 0305
- The role of agriculture in rural development in Botswana.** 0523
- The role of the Department of Agriculture in the promotion of arable farming in Botswana, 1935-1981.** 0245
- The structure of agricultural transformation in Barolong: Towards an integrated development plan.** 0181
- Women's role in development in the Kgatleng District in Botswana: A preliminary report.** 0392
- AGRICULTURAL ECONOMY**
- Enclosing the commons in Southern Africa: An agricultural economic history.** 0187
- The rural economy: A sociological perspective.** 039C
- Wildlife and rural economy in S.W. Botswana.** 0495
- Women's agriculture in a cattle economy.** 0421
- AGRICULTURAL EDUCATION**
- Women farmers and their training: An evaluation of non-formal education provided by the Botswana Ministry of Agriculture for women farmers at rural training centres.** 0049
- AGRICULTURAL ENGINEERING**
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial administrative report Phase II, July 1976 to July 1977.** 0711
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial annual report of Phase II, July 1975 to July 1976.** 0712
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial scientific report Phase II, December 1976.** 0707
- Report on a visit to Botswana, 24-30 January, 1977.** 0913
- AGRICULTURAL INSTITUTIONS**
- An assessment of the importance of institutions and institutional framework in development.** 0201
- AGRICULTURAL POLICIES**
- A review of major factors which must influence agricultural policy decisions in Botswana, with particular reference to the agricultural research programme.** 0312
- Botswana agricultural sector memorandum.** 0085
- Sandveld agriculture in Botswana.** 0693
- The TGLP and hunter-gatherers: A case study in land politics.** 0316
- AGRICULTURAL PRODUCTION**
- Appendix A: A study of agriculture and livestock in the Tuli Block region (Background for a feasibility study of the Tuli Block roads).** 0608
- Financial and economic viability of the Botswana Agricultural Marketing Board.** 0600
- The impact of absenteeism on crop production and standard of living in two villages in Botswana.** 0431

- The planning of settlements in relationship to agriculture in Ngamiland: A case study. **0424**
- Women's involvement in high risk arable agriculture: The Botswana case. **0199**
- AGRICULTURAL PRODUCTION**
- Appendix A: A study of agriculture and livestock in the Tuli Block region (Background for a feasibility study of the Tuli Block roads). **0608**
- Financial and economic viability of the Botswana Agricultural Marketing Board. **0600**
- The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**
- The planning of settlements in relationship to agriculture in Ngamiland: A case study. **0424**
- Women's involvement in high risk arable agriculture: The Botswana case. **0199**
- AGRICULTURAL PRODUCTS**
- A study on improving EEC agricultural surplus availability to ACP countries. Some observations on food aid and concessional sales of surplus agricultural produce to the ACP. **0371**
- Eighth annual report, 1982. **0554**
- Fifth annual report, 1979. **0551**
- First annual report, 1975. **0547**
- Fourth annual report, 1978. **0550**
- Projects for achieving regional food security. Project no. 8. Regional food marketing infrastructure. **0543**
- Second annual report, 1976. **0548**
- Seventh annual report, 1981. **0553**
- Sixth annual report, 1980. **0552**
- Third annual report, 1977. **0549**
- AGRICULTURAL SECTOR**
- Agricultural statistics in the context of the national accounts for Botswana. **0247**
- Botswana agricultural sector memorandum. **0085**
- The system of Mafisa and the highly dependent agricultural sector. **0429**
- AGRICULTURAL STATISTICS**
- 1978 Livestock and crop survey. **0103**
- 1980 Botswana agricultural statistics. **0105**
- 1981 Botswana agricultural statistics. **0104**
- Agricultural statistics in the context of the national accounts for Botswana. **0247**
- Agricultural statistics, 1977. **0119**
- Statistical abstract, 1979. **0145**
- Technical report on the sample design for the annual agricultural survey. **1011**
- AGRICULTURAL STRUCTURE**
- Socio-economic activity patterns and environmental resource utilisation in Kgatleng District: Some first results of a household survey. **0462**
- The structure of traditional agriculture in Botswana. **0235**
- AGRICULTURAL SURVEYING**
- Impact of communal fencing in three communities of Central District (baseline data). Phase I. Report. **0319**
- Some agricultural data from the Shoshong Area, 1969-71. **0515**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**
- Survey design, data collection, processing and analysis in the socio/economic surveys of the Shoshong area, 1969-71. **0513**
- AGRICULTURE**
- A study about attitude to the Tribal Grazing Land Policy with some reference to group formation and general agricultural problems. **0307**
- Agricultural implications of the establishment of a mine and town at Jwaneng. **0508**
- Agricultural situation report, August 1983. **0097**
- Agricultural survey, 1970/71. **0113**
- Agricultural survey, 1972/73. **0115**
- Annual report of the Department of Agriculture for the years 1960-67. **0016**
- Annual report, 1971. **0114**
- Bechuanaland from the irrigation standpoint. **0948**
- Botswana: Its agricultural research priorities and method of implementation. **0030**
- Climatic variation and its effects on agricultural production in the North East District, Botswana. **0841**
- Development of livestock, agriculture and water supplies in eastern Botswana before independence: A short history and policy analysis. **0284**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**
- National migration study. Rural-urban migration and agricultural productivity in Botswana. **0446**
- National migration study. Urban and rural female-headed households' dependence on agriculture. **0447**
- Proceedings of the conference on sustained production from semi-arid areas with particular reference to Botswana. **0087**
- Second thoughts on the history of Botswana arable agriculture. **0039**
- Statistical abstract, 1975. **0139**
- Statistical abstract, 1976. **0158**
- The 1967/68 agricultural survey. **0090**
- The 1969/70 agricultural survey. **0116**
- The impact of migration on arable agriculture: A study in eastern Botswana. **0524**
- The influence of environmental factors on arable agriculture in Botswana. **0846**
- Women's access to agricultural extension services in Botswana. **0041**
- Women's involvement in agriculture in Botswana. **0379**
- AGROCLIMATIC ZONES**
- Agroclimatological information, crop requirements and agricultural zones for Botswana. **0645**

## **AGROCLIMATOLOGY**

Agroclimatological information, crop requirements and agricultural zones for Botswana. **0645**

Surveys and training for the development of water resources and agricultural production. Rainfall and evaporation in Botswana. **0643**

The measurement and utilisation of some climatic resources in agriculture. **0642**

## **AGRONOMY**

Annual report of the research section for the year ending 30th September, 1969. **0028**

Dryland Farming Research Scheme (DLFRS), Botswana. Phase II. Second annual report, December 1981. **0633**

Dryland Farming Research Scheme. Third annual report: Agronomy. **0673**

Research on swamp and dryland soils of the Okavango Delta. Results of agronomic trials during 1979/80. **0630**

Second annual report, 1972/73. Agronomy. **0679**

Second thoughts on the history of Botswana arable agriculture. **0039**

Swamp and dry land soils of the Okavango Delta, Botswana. Project findings and recommendations. **0889**

## **ALCOHOLS**

Power plants. **0944**

## **ANAPLASMOSIS**

Serological investigations on the prevalence of anaplasmosis and piroplasmiasis in cattle in Botswana. **0901**

## **ANIMAL BREEDING**

Annual report, 1955. **0008**

Annual report, 1981/82. **0780**

Annual reports, 1970/71. **0863**

Beef cattle breeding in Botswana with particular reference to the establishment of the Ministry of Agriculture's research programme in 1970. **0821**

Bull subsidy scheme. A general review and proposals for future policy. **0814**

The operation of beef cattle breeding research under semi-arid extensive conditions in Botswana. **0822**

## **ANIMAL DISEASES**

Activity report, 1975-1980. **0867**

Annual report, 1965. **0864**

Annual reports, 1966/1967. **0866**

Annual reports, 1970/71. **0863**

The sanitary position and method of control, Botswana, 1976. **0891**

Wildlife and animal disease control. **0900**

## **ANIMAL DISTRIBUTION**

A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**

A preliminary study of the distribution of Acridoidea in relation to overgrazing in Botswana. **0823**

Past and present distribution of buffalo in Botswana. **0826**

## **ANIMAL HEALTH**

Annual report, 1972. **0859**

Annual reports, 1970/71. **0863**

Minutes of the eleventh regular meeting of the SARCCUS standing committee for animal health. **0672**

Report on visit to Botswana in connection with agricultural technical aid. **0281**

## **ANIMAL IDENTIFICATION**

"Baihagi" first paper. Proposed pilot livestock marking scheme. **0794**

## **ANIMAL PERFORMANCE**

A computerised system for rapid handling, analysis and use of beef cattle performance records. **1077**

A five-year programme of integrated beef cattle and range research in Botswana 1970-1975. Part 1. Technical results. **0785**

Stocking rate trials. **0831**

## **ANIMAL POPULATION**

A handbook of livestock statistics, 1978. **0108**

A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**

Botswana countrywide animal and range assessment project. Methodology report. Part B. Methods. **0094**

Botswana's population explosion and its impact on the land. **0422**

Estimation of the national cattle population. **0825**

Investigation of the Okavango Delta as a primary water resource for Botswana. Demonstration cattle census by aerial sample count. **1005**

Land and population. **0200**

The 1969/70 agricultural survey. **0116**

## **ANIMAL PRODUCTION**

A review of major factors which must influence agricultural policy decisions in Botswana, with particular reference to the agricultural research programme. **0312**

A study of people's attitudes towards the Tribal Grazing Land Policy with some reference to formation of groups and general agricultural problems. Part 1. Serowe area. Part 2. Palapye area. **0461**

Animal Production and Range Research Project, Botswana. Interim report. **0036**

Animal production extension in Botswana with special reference to the guidelines of the Phororo Report. **0052**

Annual report, 1974. **0769**

Annual report, 1975. **0770**

Annual report, 1976. **0771**

Annual report, 1980/81. **0779**

Beef production and range management in Botswana. **0787**

Botswana - a study of drought relief and contingency measures relating to the livestock sector. Final report. Volume I. Executive report. Volume II. Annexes. **0062**

Botswana's first Livestock Development Project. An experiment in agricultural transformation. **0807**

- Cattle versus wildlife: Optimal use of marginal lands. **0043**
- Chapter 5. Agricultural production and inequality. **0333**
- Eighth annual report, 1980. **0774**
- Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**
- Increasing the efficiency of beef production in developing countries. **0704**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1977. **0110**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1979. **0112**
- Integrated Farming Pilot Project. Farm management and statistics report, 1979/80. **0351**
- Livestock and range research in Botswana, 1978. **0781**
- Livestock and range research in Botswana. Annual report, 1979. **0782**
- Livestock Development Project progress report 1980/1981. **0788**
- Livestock production in relation to the maintenance of habitats in the Kalahari. **0824**
- Ninth annual report, 1981. **0775**
- Proceedings of the symposium on Botswana's first livestock development project and its future implications. **0798**
- Report on Botswana Livestock Development Corporation (Pty) Ltd. for the Botswana Meat Commission Board meeting, 25th January, 1976. **0809**
- Report on visit to Botswana in connection with agricultural technical aid. **0281**
- Seventh annual report, 1979. **0773**
- Sheep and goat production and marketing problems in Botswana. **0766**
- Tenth annual report, 1982. **0776**
- The 1967/68 agricultural survey. **0090**
- The evolution of a strategy for livestock development in the communal areas of Botswana. **0263**
- The operation and viability of the Second Livestock Development Project (1497-BT): Selected issues. **0296**
- The taxation of income from cattle farming. **0222**
- ANIMAL PRODUCTS**
- Report on the agricultural marketing seminar for Botswana, Lesotho and Swaziland. **0595**
- ANIMAL RESOURCES**
- Botswana countrywide animal and range assessment project. Inception report. **0106**
- Botswana countrywide animal and range assessment project. Methodology report. Part A. Organisation and progress. **0093**
- Socio-economic activity patterns and environmental resource utilisation in Kgatleng District: Some first results of a household survey. **0482**
- ANIMAL TRACTION**
- Dryland Farming Research Scheme (DLFRS), Botswana. Final scientific report of Phase II. Volume 4. Design of animal draught planters for semi-arid conditions. **0915**
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial scientific report Phase II, December 1976. **0707**
- Dryland Farming Research Scheme. Third annual report: Agronomy. **0673**
- Report no 1. Animal draft systems study. **0912**
- Report on a visit to Botswana, 24-30 January, 1977. **0913**
- Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0296**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**
- APICULTURE**
- Bees and beekeeping in Botswana. **0793**
- APPROPRIATE TECHNOLOGY**
- On socio-economic systems and technological innovations in developing countries of Africa. **0426**
- Science and technology for development in Botswana: A critical appraisal with emphasis on appropriate technology for rural development. **0244**
- The introduction of rainwater catchment tanks and micro-irrigation to Botswana. **0977**
- AQUATIC WEEDS**
- 1972 Botswana-South Africa survey of *Salvinia molesta* in Chobe - Linganti - Kwando river system. **0754**
- The *Salvinia molesta* problem in the northern Botswana and eastern Caprivi area. **0755**
- ARABLE SOILS**
- Arable agriculture in Botswana: A case for subsidies. **0337**
- Arable lands survey, 1978. **0098**
- Development of arable lands policy for Botswana. **0184**
- Land availability and arable lands development in southern Kgatleng. **0239**
- Report on arable policy seminar. **0226**
- Soils of the Agricultural Research Station, Content Farm, Gaborone. **0663**
- The influence of environmental factors on arable agriculture in Botswana. **0646**
- ARACHNIS HYPOGAEA**
- Report on mission to Botswana. **0623**
- ARCHAEOLOGY**
- Preliminary anthropological, archaeological, and ecological investigations in the Central District of Botswana, September-December, 1975. **0440**
- ARID ZONES**
- Problems of dry and irrigated farming in arid countries. **0706**
- ARSENIC**
- Poisoning in cattle hand-sprayed with an arsenical dip. **0910**

## **ARTIFICIAL INSEMINATION**

Artificial insemination in Botswana. **0812**

## **AUDIOVISUAL AIDS**

'Laedza Batanani'. Folk media and development: A Botswana case study. **0040**

## **BABESIOSIS**

Serological investigations on the prevalence of anaplasmosis and piroplasmiasis in cattle in Botswana. **0901**

## **BACTERIOSES**

A severe outbreak of interdigital necrobacillosis in gemsbok (*Oryx gazella*) in the northern Kalahari (Botswana). **0889**

## **BANGWAKETSE ETHNIC GROUP**

Agro-pastoral production and communal land use. A socio-economic study of the Bangwaketse. **0209**

## **BANKING**

Annual report, 1967. **0252**

Annual report, 1968. **0253**

The development of the money economy and an analysis of the monetary and financial system in the Republic of Botswana. **0249**

## **BAROLONG**

A historical transformation of arable agriculture in the Barolong farms. **0246**

The structure of agricultural transformation in Barolong: Towards an integrated development plan. **0181**

## **BASARWA ETHNIC GROUP**

A history of research among the Basarwa in Botswana. **0029**

A report on Basarwa living in Kang village, Kgalagadi District, Botswana. **0491**

First development area: Western commercial zone, Central District. **0533**

General note on Basarwa in relation to wildlife in Botswana today. **0540**

Kweneng District survey-liaison. Development report no. 1. Initial investigation survey. **0417**

Northern Kgalagadi District extra rural dwellers reconnaissance and consultation. Report 2. **0437**

Note on nomenclature of 'Basarwa'. **0534**

Project memorandum - agricultural officer for western tribal lands extra-rural sector. **0055**

Report on a survey of Basarwa in western Kgatleng District. **0399**

Report on the survey/investigation of the Ghanzi Farm Basarwa situation. **0402**

Summary report of research on Basarwa in western Ngamiland. **0529**

The borehole community in the Central Kalahari Game Reserve. **0442**

## **BAYEI ETHNIC GROUP**

Preliminary research report on studies among the Bayei of Ngamiland, January 1976 - April 1977. **0611**

## **BEE COLONIES**

Bees and beekeeping in Botswana. **0793**

## **BEEF**

Botswana as a beef exporter. **0612**

Botswana's beef export industry: The issue of the proposed northern abattoir. **0597**

Increasing the efficiency of beef production in developing countries. **0764**

The integration of Botswana into the world beef market. **0611**

## **BEEF CATTLE**

A computerised system for rapid handling, analysis and use of beef cattle performance records. **1012**

A five-year programme of integrated beef cattle and range research in Botswana 1970-1975. Part 1. Technical results. **0785**

Beef cattle and range research programme in Botswana, 1970-73. **0786**

Beef cattle breeding in Botswana with particular reference to the establishment of the Ministry of Agriculture's research programme in 1970. **0821**

Beef cattle composite breed evaluation, Botswana. **0617**

Beef cattle monitoring in the Western State Lands, Botswana. **0784**

Beef production and range management in Botswana. **0787**

Botswana's beef cattle industry since independence. **0221**

Conception rates of beef cattle in Botswana following synchronization of oestrous with cloprostenol. **0813**

Future beef cattle breeding systems, Botswana. **0620**

Livestock and range research in Botswana. Annual report, 1979. **0782**

Ten years of animal production and range research in Botswana. **0783**

The operation of beef cattle breeding research under semi-arid extensive conditions in Botswana **0622**

## **BEEES**

Bees and beekeeping in Botswana. **0793**

## **BIOLOGY**

Dryland Farming Research Scheme, Botswana. Entomological research, 1970-73. Summary report and recommendations. **0751**

## **BIRD CONTROL**

The status of *Quelea quelea* in Botswana and recommendations for its control. A report to the Government of Botswana. **0750**

## **BLOOD COMPOSITION**

A note on seasonal changes in serum inorganic phosphate levels of cattle in Botswana. **0835**

Blood inorganic phosphorus levels of cattle in Botswana. **0833**

- Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0636**
- Serum inorganic phosphate, calcium and magnesium levels of cattle in Botswana. **0637**
- BLUETONGUE**  
Bluetongue antibody in Botswana's domestic and game animals. **0909**  
Serological evidence of bluetongue in game animals in Botswana. **0908**
- BODY MEASUREMENTS**  
Surveys and training for the development of water resources and agricultural production, Botswana. Food consumption and QUAC stick measurements: Report of a survey in the Shoshong area, 1970-1971. **0997**
- BODY WEIGHT**  
Rating cattle for physical condition. **0811**
- BOKAA VILLAGE**  
A report on the village of Bokaa. **0453**
- BREEDING SYSTEMS**  
Future beef cattle breeding systems, Botswana. **0620**
- BREEDING VALUE**  
Beef cattle composite breed evaluation, Botswana. **0817**
- BROADCASTING**  
An evaluation of improved and traditional technologies: Broadcast planting in perspective. **0696**
- BRUCELLOSIS**  
The incidence of brucellosis in game in Botswana. **0886**
- BUDGETS**  
Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**  
Towards budgetary independence: A review of Botswana's financial history, 1900 to 1973. **0213**
- BUFFALOES**  
Immobilisierung von afrikanischen Buffeln im Rahem der Maul- und Klauenseuchebekämpfung in Botswana. (Immobilisation of African buffalo during a campaign for control of foot-and-mouth disease in Botswana). **0667**
- BUKALANGA**  
Agricultural production and exchange: The case of Central District Bukalanga area c. 1890-1940. **0605**
- BULLS**  
Eull subsidy scheme. A general review and proposals for future policy. **0614**
- BUSH FIRES**  
Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. **0753**
- BUSHMEN**  
A brief historical perspective on Bushmen in Botswana. **0531**  
Botswana's development strategy for its indigenous desert people, the Kalahari Bushmen. **0535**  
Modelling hunter - gatherer settlement and subsistence systems: Implications for development policy and land use planning in Botswana. **0434**  
Official policy towards San (Bushmen) hunter-gatherers in modern Botswana, 1966-1978. **0538**  
Preliminary anthropological, archaeological, and ecological investigations in the Central District of Botswana, September-December, 1975. **0440**  
Short notes on survey of Bushmen resident on Ghanzi commonage. **0530**  
Some plants used by the Bushmen in obtaining food and water. **0996**  
The nutrient composition and dietary importance of some vegetable foods eaten by the Kung Bushmen. **0998**  
The parameters of hunting and gathering in a multi-ethnic setting: Adaptive flexibility in southern Kalahari. **0519**  
What hunters do for a living, or, how to make out on scarce resources. **0458**
- CALCIUM**  
Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0636**  
Serum inorganic phosphate, calcium and magnesium levels of cattle in Botswana. **0637**
- CALVES**  
A note on the growth of beefalo crossbred calves in Botswana. **0618**  
Calf losses to weaning (7 months) in APRU ranches. **0601**
- CARNIVORES**  
Preliminary final report on the central Kalahari predator research project. **0934**
- CARRYING CAPACITY**  
Soil type and vegetation correlation for determining grazing capacity with special reference to the Nata ranches. **0730**
- CARTOGRAPHY**  
Key to water points survey maps. **0949**  
Mapping of soil erosion from aerial photographs. **0716**  
Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**  
The application of remote sensing techniques for geomorphological terrain classification and terrain feature dynamic mapping in northern Botswana. **0652**
- CASH CROPS**  
A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB 7/1/14/80-81. **0632**

## CATCHMENT AREAS

Surveys and training for the development of water resources and agricultural production, Botswana. Hydrological data for eastern Botswana. **0958**

## CATTLE

- 'Sociological factors' in the commercialisation of cattle in Africa. **0375**
- A note on seasonal changes in serum inorganic phosphate levels of cattle in Botswana. **0835**
- A tentative methodological proposal on an age-old research problem. **1013**
- Analysis of Botswana Meat Commission throughput, 1973. **0583**
- Analysis of Botswana Meat Commission throughput, 1974. **0584**
- Analysis of Botswana Meat Commission throughput, 1976. **0586**
- Analysis of Botswana Meat Commission throughput, 1977. **0587**
- Analysis of Botswana Meat Commission throughput, 1979. **0588**
- Analysis of the throughput of the Botswana Meat Commission, 1975. **0585**
- Blood inorganic phosphorus levels of cattle in Botswana. **0833**
- Bull subsidy scheme. A general review and proposals for future policy. **0814**
- Cattle as a store of wealth in Swaziland: Implications for livestock development and overgrazing in eastern and southern Africa. **0408**
- Cattle grazing and the ecology of the western Kalahari. **0732**
- Estimation of the national cattle population. **0825**
- Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0836**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Water point and cattle distribution survey. **0846**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**
- Livestock marketing in Botswana. **0573**
- Movement of cattle by road transport in Botswana. **0604**
- Mucosal disease in Botswana. **0898**
- On the system of Mafisa. **0427**
- People, cattle and drought in western Kweneng. Report on Dntlwe village. **0509**
- Poisoning in cattle hand-sprayed with an arsenical dip. **0910**
- Preliminary findings from the 1976 sample survey of cattle. **0248**
- Railways, immigrants, mining and cattle: Problems of measurement in Botswana's national income accounts. **0313**
- Rating cattle for physical condition **0811**
- Recommendations to the Botswana Livestock Development Corporation for the transportation of cattle. **0615**

- Report on cattle marketing in Botswana. **0601**
- Report on cattle marketing in the Kang area. **0609**
- Returns to traditional cattle keeping. **0353**
- Salmonellosis in Botswana. 1. Incidence in cattle. **0902**
- Serological investigations on the prevalence of anaplasmosis and piroplasmiasis in cattle in Botswana. **0901**
- Serum inorganic phosphate, calcium and magnesium levels of cattle in Botswana. **0837**
- Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0296**
- The 1972 cattle sample census. **0805**
- The first isolation of *Leptospira interrogans* serovar *pomona* from cattle in Botswana. **0897**
- The isolation and characterization of foot-and-mouth disease virus from clinically normal herds of cattle in Botswana. **0896**
- The marketing structure of Kgatleng District. **0602**
- The social organization of ploughing. **0406**
- Transport contingency plan working document no. 4. "Cattle industry analysis". **0614**
- Women's agriculture in a cattle economy. **0421**

## CENSUSES

- 1981 Population and housing census. Summary statistics of small areas (for settlements of 500 or more people). **0383**
- Agricultural survey, 1970/71. **0113**
- Agricultural survey, 1972/73. **0115**

## CEREALS

- Increasing food production with emphasis on high protein foods. **0626**

## CHLORIS GAYANA

- Chloris gayana* (Rhodes grass). **0720**

## CHOBÉ DISTRICT

- Bovine streptothrichosis and demodicosis in the Chobe District. **0890**
- Dermatophilose und Demodikose der Rinder im Chobe-Distrikt (Nordbotswana). (Bovine dermatophilosis and demodicosis in the Chobe District (Northern Botswana)). **0885**
- Senkobo disease in the Chobe District. **0903**

## CHOBÉ RIVER

- A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**

## CLIMATE

- Climate and climatic trends in the Ghanzi District. **0636**
- Climatic factors in Botswana. **0635**

## COMMERCIAL FARMING

- 'Sociological factors' in the commercialisation of cattle in Africa. **0375**

Cattle accumulation and the commercialization of the traditional livestock industry in Botswana. **0322**

Ncojane village area and Ncojane farms. Discussion papers. **0338**

Report on Lepasha area survey of extra-rural sector in relation to proposed First Commercial Development Area. **0536**

Traditional versus commercial agriculture in Botswana. **0341**

#### **COMMON LANDS**

A socio-economic profile of Communal First Development Areas (CFDAs) in Botswana. **0372**

A study of people's attitudes towards the Tribal Grazing Land Policy with some reference to formation of groups and general agricultural problems. Part 1. Serowe area. Part 2. Palapye area. **0461**

Access to agricultural land and communal land management in eastern Botswana. **0210**

Assistance to the Rural Development Unit – Tribal Grazing Land Programme coordinator. Project findings and recommendations – terminal report. **0197**

Communal area development in the Kweneng. **0410**

Communal area livestock and range: Research priorities. Workshop proceedings and final recommendations. **0768**

Communal area planning and development. **0456**

Handbook. The tribal land act, the tribal land regulations, the subordinate land boards regulations. **0060**

Keeping an eye on TGLP. A report prepared for the National Institute of Research (NIR). **0356**

Lefatshe la rona – our land. The report of the Botswana Government's public consultation on its policy proposals on Tribal Grazing Land. **0178**

Project memorandum. Implementation of the Matsheng land use plan. **0364**

Report on land tenure in western Ngami-land's First Communal First Development Area. **0300**

Research on access to land in the communal areas. Preliminary draft report. **0240**

Research on Tribal Grazing Land Policy issues. **0737**

Socio-economic research priorities. NDP V plan period. **0102**

Some aspects of land tenure reform in the Tribal Territories of Bechuanaland. **0219**

TGLP implementation by Ministry of Agriculture. **0777**

The management of communal grazing in Botswana. **0185**

The Tribal Land Act 1968, no. 54 of 1968 as amended by the Tribal Land (Amendment) Act 1969, no. 48 of 1969. The Tribal Land Act commencement notice 1970, S.I. no. 6 of 1970. The Tribal Land regulations 1970, S.I. no. 7 of 1970. **0061**

Tradition, social justice and land reform in central Botswana. **0435**

Tribal Grazing Land Policy. **0302**

#### **COMMONWEALTH OF NATIONS**

A study of Commonwealth food production. **0295**

#### **COMMUNES**

A preliminary report on group – formation in the Regwaketse south extension area. **0786**

A study about attitude to the Tribal Grazing Land Policy with some reference to group formation and general agricultural problems. **0307**

#### **COMMUNITY DEVELOPMENT**

Bere and Ka/Gae. **0532**

Botswana's development strategy for its indigenous desert people, the Kalahari Bushmen. **0535**

Evaluation of labour-related projects in drought relief and development. **0362**

Interim report on the N. W. of Kgatleng. **0405**

Minutes of district development committee conference on National Policy on Tribal Grazing Land. **0389**

Planning for local institutions development in the CFDAs of Botswana. **0460**

Record and minutes of the 2nd national conference of district development committees held at Gaborone on the 3rd to 7th December, 1973. **0388**

Report of the Community Development Review Committee. **0044**

Report on local institutions in five villages in the Southern District – Communal First Development Area. **0500**

Second interim report on Basarwa development. **0378**

Senior officer's workshop: Group formation under the Tribal Grazing Land Policy. Final report and course materials. **0476**

Tentative recommendations for development strategy in the second development area, northeastern Kwereng District, Botswana. **0518**

#### **COMPUTERS**

A computerised system for rapid handling, analysis and use of beef cattle performance records. **1012**

#### **CONDITION SCORING**

Rating cattle for physical condition. **0811**

#### **COOPERATIVE ACTIVITIES**

A handbook of cooperative practice with special reference to cooperative marketing societies in Botswana. **0606**

A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Ngwaketse west, Part 2. Ngwaketse south, Part 3. Barolong farms. **0481**

A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Northwest District. **0466**

Agricultural cooperatives in Botswana. **0342**  
Agricultural cooperatives in the Southern District Communal First Development Area. **0285**

Agricultural group development in Botswana, volume 1,2,3,4. **0314**

Annual report of the Board of Directors for the year ended 31st December, 1981. **0556**

Annual report, 1972. **0576**

Annual report, 1973. **0577**

Annual report, 1974. **0580**

Annual report, 1975. **0581**

Annual report, 1976. **0582**

Annual report, 1979. **0578**

Cooperatives in Botswana, development plan for the period 1982-1987. **0100**

Report of the Department of Cooperative Development, 1977/78. **0091**

Senior officer's workshop: Group formation under the Tribal Grazing Land Policy. Final report and course materials. **0476**

The cooperative movement in the Republic of Botswana - country statement by the Department of Cooperative Development. **0325**

The evolution of agricultural cooperatives and government policy in Botswana. **0603**

#### **COOPERATIVE FARMING**

Agricultural management associations. **0326**

An assessment of the importance of institutions and institutional framework in development. **0201**

#### **COOPERATIVE MARKETING**

A handbook of cooperative practice with special reference to cooperative marketing societies in Botswana. **0606**

Handbook for managers of cooperative marketing societies in Botswana. **0607**

Technical assistance services to livestock owners in communal areas, Botswana. Final report. **0598**

Technical assistance services to livestock owners in communal areas, Botswana. Final report (1982 Extension). **0599**

#### **COPPICE SYSTEMS**

A handbook for village woodlot planning and management in Botswana. **0762**

#### **COST BENEFIT ANALYSIS**

Livestock management survey results, 1982. **0792**

#### **COSTS**

The costs of the campaign. **0042**

#### **COWS**

Reproduction in the buffalo-cow: pH of the vaginal secretions. **0619**

#### **CROP RESIDUES**

Crop residues for animal feeding. **0630**

#### **CROP YIELDS**

An evaluation of improved and traditional technologies: Broadcast planting in perspective. **0698**

#### **CROPPING SYSTEMS**

1977/78 Farm management survey. **0329**

A review of major factors which must influence agricultural policy decisions in Botswana, with particular reference to the agricultural research programme. **0312**

A study of people's attitudes towards the Tribal Grazing Land Policy with some reference to formation of groups and general agricultural problems. Part 1. Serowe area. Part 2. Palapye area. **0461**

Agricultural and fisheries development. Report on a visit made to Botswana on 4th - 12th February 1977. **0911**

ALDEP: Evaluation and outreach, 1981. **0106**

An analysis of research and extension strategies to improve cropping systems for small farms in Botswana. **0705**

An evaluation of improved and traditional technologies: Broadcast planting in perspective. **0698**

Annual report for the Division of Arable Crops Research, 1979/80. **0675**

Annual report for the Division of Arable Crops Research, 1980/81. **0617**

Annual report, 1955. **0008**

Appraisal report. Arable Lands Development Programme Phase I project. **0225**

Arable lands survey, 1978. **0098**

Central District attitudinal report with reference to the agricultural problems and the Tribal Grazing Land Policy. **0400**

Chapter 5. Agricultural production and inequality. **0333**

Comparison of three dryland cropping systems in terms of constraints to production. **0691**

Crop production in Botswana. Biennial report 1975-1977. Part 4. Variety trials. **0618**

Department of Agriculture annual report 1962/63 - year ended 30th September, 1963. **0015**

Development of arable lands policy for Botswana. **0164**

Drought impacts and adaptations: Socio-economic aspects of the 1979 Kgatleng drought. **0450**

Dryland crop production in Botswana. A review of research, 1969-74. **0672**

Dryland crop production research in Botswana. An interim review and report. **0677**

Dryland crop production research in Botswana. Interim review. **0678**

Dryland Farming Research Scheme (DLFRS), Botswana (RSR3045). Report of assessors, March 1978. **0710**

- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0634**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II. Second annual report, December 1981. **0633**
- Dryland Farming Research Scheme. Third annual report: Agronomy. **0673**
- Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**
- Farm management survey results, 1981 survey, 1978-81 survey comparisons. **0331**
- Farm systems testing, 1973/74 season. **0690**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1980. **0327**
- Integrated Farming Pilot Project. Farm management and statistics report, 1979/80. **0351**
- Molapo farming development, Ngamiland. Appraisal report. **0360**
- Planning for agriculture in Botswana. A report on the arable lands survey. **0264**
- Recommended plant populations for sorghum production in Botswana. **0620**
- Report on a visit to Botswana, 24-30 January, 1977. **0913**
- Report on the trip to Central District on attitudes towards the Tribal Grazing Land Policy (Sefhophe, Serule, Taupye and Tsetsebjwe). **0493**
- Report on visit to Botswana in connection with agricultural technical aid. **0281**
- Research on swamp and dryland soils of the Okavango Delta. Results of agronomic trials during 1979/80. **0630**
- Research on swamp and dryland soils of the Okavango Delta. Soil water and crop production in Ngamiland. **0631**
- Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. **0660**
- Sandveld agriculture in Botswana. **0693**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 4, January 1 - June 30, 1975. **0682**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 7, July 1 - December 31, 1976. **0683**
- The 1967/68 agricultural survey. **0090**
- The 1969/70 agricultural survey. **0116**
- Village energy requirements for semi-arid crop production in Botswana. **0920**
- Tribal Grazing Land Policy 1981 programme review. **0885**
- Women's involvement in high risk arable agriculture: The Botswana case. **0199**
- CROPS**
- 1978 Livestock and crop survey. **0103**
- Crop pricing and protection in Botswana, 1978. **0594**
- Crop production in Botswana. Biennial report, 1973-75. **0622**
- Report on the agricultural marketing seminar for Botswana, Lesotho and Swaziland. **0595**
- Report to the Government of Botswana on proposals for the improvement of crop marketing. **0596**
- The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**
- The marketing structure of Kgatleng District. **0602**
- CROSSBREDS**
- Beef cattle composite breed evaluation, Botswana. **0817**
- CROSSBREEDING**
- A note on the growth of beefalo crossbred calves in Botswana. **0818**
- Future beef cattle breeding systems, Botswana. **0820**
- CULTIVATION**
- Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**
- Farmers, fields and fences: Land use planning problems in the Barolong. **0214**
- Swamp and dry land soils of the Okavango Delta, Botswana. Project findings and recommendations. **0689**
- CUSTOMARY LAW**
- A restatement of the Kgatla law of domestic relations. **0496**
- A restatement of the Kgatla law of succession to property. **0407**
- A restatement of the law relating to land and natural resources. **0498**
- DAIRY CATTLE**
- Ten years of animal production and range research in Botswana. **0783**
- DAIRY INDUSTRY**
- Annual report, 1955. **0008**
- Colonial initiative and African response to the establishment of the dairy industry in Bechuanaland Protectorate, 1930-1966. **0238**
- Dairy consultancy on the feasibility of establishing a pasteurization plant in Mahalapye and matters relevant thereto. **0992**
- Dairying in Botswana. Part 1, 2, 3. **0292**
- Dairying in Botswana: Its constraints and some suggestions. **0231**
- International Scheme for the Coordination of Dairy Development, Botswana. Draft final report. **0795**
- DAMS**
- Attitudes towards the F.F.H.C. dams in the Metsemolhaba. **0374**
- Dem groups in Botswana. **0957**
- DATA COLLECTION**
- A tentative methodological proposal on an age-old research problem. **1013**

Development of tribal land: Report of data committee. **0174**

#### **DECISION MAKING**

A review of major factors which must influence agricultural policy decisions in Botswana, with particular reference to the agricultural research programme. **0312**

Women's involvement in agriculture in Botswana. **0379**

#### **DEFORESTATION**

A pain in the neck. The firewood situation in south-western Kgatleng, Botswana. **0759**

#### **DEMODICOSIS**

Bovine streptothrichosis and demodicosis in the Chobe District. **0890**

Dermatophilose und Demodikose der Rinder im Chobe-Distrikt (Nordbotswana). (Bovine dermatophilosis and demodicosis in the Chobe District (Northern Botswana)). **0888**

#### **DEMOGRAPHY**

Country profile, Botswana. **0142**

Population distribution and its implications for socio-economic development in Botswana. **0260**

#### **DERMATOPHILOSIS**

Dermatophilose und Demodikose der Rinder im Chobe-Distrikt (Nordbotswana). (Bovine dermatophilosis and demodicosis in the Chobe District (Northern Botswana)). **0888**

#### **DESERTIFICATION**

Kutse Game Reserve, Botswana: An example of a drought-prone environment. **0940**

#### **DEVELOPING COUNTRIES**

Evaluation of the natural resources available for agricultural production and development in the tropics and sub-tropics. **0299**

Increasing the efficiency of beef production in developing countries. **0764**

On socio-economic systems and technological innovations in developing countries of Africa. **0426**

Perceptions of pastoralism. **0680**

#### **DEVELOPMENT AID**

Assistance to Botswana. **0309**

Project presented to the Arab Bank for Economic Development in Africa by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0905**

#### **DEVELOPMENT BANKS**

Annual report, 1967. **0252**

Annual report, 1968. **0252**

Eighth annual report, 1971. **0251**

Fifteenth annual report, 1978. **0258**

Fourteenth annual report, 1977. **0257**

Ninth annual report, 1972. **0255**

Seventh annual report, 1970. **0254**

Thirteenth annual report, 1976. **0256**

#### **DEVELOPMENT PLANS**

A nation-wide broadcast message on information towards the implementation of Tribal Grazing Land Policy. **0367**

Appendix A: A study of agriculture and livestock in the Tuli Block region (background for a feasibility study of the Tuli Block roads). **0668**

Bechuanaland Protectorate development plan 1963-1968. **0070**

Botswana country economic memorandum. **0223**

Cooperatives in Botswana, development plan for the period 1982-1987. **0100**

First development area: Western commercial zone, Central District. **0533**

Kang development plan - proposals. **0233**

Lepasha River commercial ranch development: Plan proposal. **0363**

National development plan, 1970-75. **0124**

National development plan, 1976-81. Part 1. Policies and objectives, Part 2. Description of public expenditure programme. **0122**

National development plan, 1979-85. **0123**

Ngamiland district development plan, 1977-1982. **0475**

Planning for development, western Kweneng District. A spatial and development plan with reference to local agricultural problems. **0227**

Report on the Tribal Grazing Land Programme. **0172**

Resource development programme for Botswana. **0080**

Symposium on settlement. **0088**

The structure of agricultural transformation in Barolong: Towards an integrated development plan. **0181**

Tribal Grazing Land Programme. Implementation report from NRTC. **0171**

#### **DEVELOPMENT POLICIES**

A policy for rural development: The case of Botswana National Policy on Tribal Grazing Land. **0525**

A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Ngwaketse west, Part 2. Ngwaketse south, Part 3. Barolong farms. **0481**

A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Northwest District. **0466**

Agricultural group development in Botswana, volume 1,2,3,4. **0314**

An analysis of attendance and a preliminary audience profile. **0047**

Botswana agricultural sector memorandum. **0085**

Botswana's development strategy for its indigenous desert people, the Kalahari Bushmen. **0535**

Conduct and development of the livestock industry legislative council paper no. 17 of 1963/64. **0059**

- Development of livestock, agriculture and water supplies in eastern Botswana before independence: A short history and policy analysis. **0284**
- Government paper no. 2 of 1982. National policy on economic opportunities (as approved by the National Assembly on 22nd December 1982). **0207**
- Land use planning and wildlife. **0937**
- Lefatshe la rona – our land. The report of the Botswana Government's public consultation on its policy proposals on Tribal Grazing Land. **0178**
- Livestock development policy. **0107**
- Minutes of district development committee conference on National Policy on Tribal Grazing Land. **0389**
- Modelling hunter – gatherer settlement and subsistence systems: Implications for development policy and land use planning in Botswana. **0434**
- National development plan, 1976/81. Part 1. Policies and objectives, Part 2. Description of public expenditure programme. **0122**
- National Policy on Tribal Grazing Land. **0259**
- Northern Kgalagadi District extra rural dwellers reconnaissance and consultation. Report 2. **0437**
- Preliminary report on the public consultation on the National Policy on Tribal Grazing Land. **0176**
- Report on Botswana Livestock Development Corporation (Pty) Ltd. for the Botswana Meat Commission Board meeting, 25th January, 1976. **0809**
- Report on rural development, July 1979. **0396**
- Report on the monitoring of a Tribal Grazing Land Policy Radio Learning Group, Manlotai, Nata River region, Centra District, Republic of Botswana. **0050**
- Report on the pilot project together with suggestions for the 1976 Radio Learning Group campaign on the National Policy on Tribal Grazing Land. **0043**
- Rethinking of the TGLP in light of the land-use planning exercise. **0169**
- Rural development in Botswana. **0494**
- Rural development in Botswana: Administrative structures and public policy. **0486**
- Rural development in Botswana: The district administration and the creation of district development committees, 1966–1973. **0487**
- Sociological monitoring of the Tribal Grazing Land Policy: An overview. **0436**
- Some suggestions for monitoring and evaluation of TGLP in regard to ERDs. **0541**
- Stock limitation: Any economic alternatives for Botswana? **0220**
- Study guide for use in the public consultation program of the Tribal Grazing Land Policy, Republic of Botswana. **0057**
- Targets for agricultural development in Botswana. **0266**
- Tentative recommendations for development strategy in the second development area, northeastern Kweneng District, Botswana. **0518**
- The campaign audience and the RLG meetings. **0046**
- The costs of the campaign. **0042**
- The management of rural development in Botswana. **0457**
- The Radio Learning Group Leaders. **0045**
- The results of the baseline survey of May/June, 1976. **0054**
- The Sandford report: Major recommendations. **0287**
- Tribal Grazing Land Policy pilot consultation. Lefatshe le rona. Interim evaluation report. **0086**

## DEVELOPMENT POTENTIAL

- Cambridge Botswana Expedition, 1980. The development of the Gomare region in the western Okavango fringe. **0395**
- Kasane land use survey. **0269**
- Surveys and training for the development of water resources and agricultural production, Botswana. Initial report. **0293**
- Symposium on the Okavango Delta. **0089**
- The irrigation potential of soils along the main rivers of eastern Botswana: Reconnaissance assessment. **0978**

## DEVELOPMENT PROGRAMMES

- 1982 ALDEP program: Baseline data and evaluation. **0366**
- A note on the evolution and nature of the Botswana Arable Lands Development Programme (ALDEP). **0370**
- Allocation of water points at the lands. **0965**
- Botswana rural sector study. **0376**
- Cattle, class and the state in rural Botswana. **0485**

## DEVELOPMENT PROJECTS

- A nation-wide broadcast message on information towards the implementation of Tribal Grazing Land Policy. **0367**
- A socio-economic study of Botswana's attempt to commercialize cattle ranching in a tribal area: The case of the First Livestock Development Project at Ncojane. **0365**
- Agricultural and fisheries development. Report on a visit made to Botswana on 4th–12th February 1977. **0911**
- ALDEP: Evaluation and outreach, 1981. **0106**
- An application by the Government of Botswana for a loan to finance a Second Livestock Development Project (Livestock II). **0118**
- An outline for a pilot project to develop group ranches in the mid-southern Ngwaketse area of Botswana. **0763**
- Annual report, 1979/80. **0109**
- Appraisal of livestock development project, Republic of Botswana. **0799**

- Appraisal report. Arable Lands Development Programme Phase I project. **0225**
- Background to the development of arable agriculture in Botswana: A review of the adoption of the Integrated Farming Pilot Project. **0368**
- Botswana agricultural planning project review paper. **0068**
- Botswana's first Livestock Development Project. An experiment in agricultural transformation. **0807**
- Draft proposals for Communal First Development Area (CFDA): Western Ngamiland production zone. **0409**
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial annual report of Phase II, July 1975 to July 1976. **0712**
- Etsha: A successful resettlement scheme. **0488**
- Evaluation of labour-related projects in drought relief and development. **0362**
- Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1977. **0110**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1978. **0111**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1979. **0112**
- Integrated Farming Pilot Project (IFPP), Pelotshetlha, Botswana. Annual report, 1980. **0327**
- Interim report of the Tati settlement project. **0413**
- Land tenure issues in African development (a position paper). **0283**
- Livestock Development Project progress report 1980/1981. **0788**
- Livestock industry development project addendum. **0101**
- Mogohane dam and irrigation scheme. **0982**
- Molapo farming development, Ngamiland. Appraisal report. **0360**
- National development plan, 1979-85. **0123**
- Proceedings of the symposium on Botswana's first livestock development project and its future implications. **0798**
- Progress report, 1981/1982. **0789**
- Project memorandum. Implementation of the Matsheng land use plan. **0364**
- Report of the Commission of Inquiry into Ngwaketse First Development Area Ranches and government's decisions on the recommendations of the Commission. **0352**
- Report on an investigation of unit ranch development in the mid-southern Ngwaketse area, Botswana. **0357**
- Report on the Tribal Grazing Land Programme. **0172**
- Republic of Botswana. Project memorandum. Services to the livestock owner in the communal areas. **0778**
- Sheep and goat development project Phase I, 1977-80. **0790**
- Survey design, data collection, processing and analysis in the socio/economic surveys of the Shoshong area, 1969-71. **0513**
- Swamp and dry land soils of the Okavango Delta, Botswana. Project findings and recommendations. **0689**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 4, January 1 - June 30, 1975. **0682**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 7, July 1 - December 31, 1976. **0633**
- TGLP guidelines: Groups, ranch management, project memorandums (sic.). **0320**
- The evolution of a planning and development strategy for communal areas in Botswana. **0261**
- The evolution of a strategy for communal area livestock development in Botswana. Pastoralism and planning in a semi-arid environment. **0369**
- The evolution of a strategy for livestock development in the communal areas of Botswana. **0263**
- The operation and viability of the Second Livestock Development Project (1497-BT): Selected issues. **0298**
- The Second Livestock Development Project as an integral part of the National Policy on Tribal Grazing Land. **0800**
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- Tribal Grazing Land Programme. Implementation report from NRTC. **0171**
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- Foot-and-mouth disease in Bobonong, Mautlala and Tonota. **0907**
- Foot-and-mouth relief scheme. **0893**
- Methods of control of foot-and-mouth disease in Botswana. **0892**
- Minutes of the eleventh regular meeting of the SARCCUS standing committee for animal health. **0872**
- Project presented to the Arab Bank for Economic Development in Africa by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0905**
- Project presented to the European Economic Community by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0906**
- Promotion of the veterinary service in Botswana, 1976-1980. **0870**

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- The sanitary position and method of control, Botswana, 1976. **0891**
- Wildlife and animal disease control. **0900**
- DISEASE INCIDENCE**
- Bluetongue antibody in Botswana's domestic and game animals. **0909**
- Bovine streptothrichosis and demodicosis in the Chobe District. **0890**
- Control of tick-borne diseases in Botswana. **0875**
- Dermatophilose und Demodikose der Rinder im Chobe-Distrikt (Nordbotswana). (Bovine dermatophilosis and demodicosis in the Chobe District (Northern Botswana)). **0888**
- Helminthiasis in domestic and wild ruminants in Botswana – preliminary investigations. **0885**
- Immobilisierung von afrikanischen Buffeln im Rahm der Maul- und klauenseuchebekämpfung in Botswana. (Immobilisation of African buffalo during a campaign for control of foot-and-mouth disease in Botswana). **0887**
- Salmonellosis in Botswana. I. Incidence in cattle. **0902**
- Senkobo disease in the Chobe District. **0903**
- Serological evidence of bluetongue in game animals in Botswana. **0908**
- Serological investigations on the prevalence of anaplasmosis and piroplasmiasis in cattle in Botswana. **0901**
- The incidence of brucellosis in game in Botswana. **0886**
- DISEASE OUTBREAK**
- A severe outbreak of interdigital necrobacillosis in gemsbok (*Oryx gazella*) in the northern Kalahari (Botswana). **0889**
- A social investigation into the effects of foot-and-mouth disease in Nokaneng, Tsau, Gweta and Nata. **0464**
- Mucosal disease in Botswana. **0898**
- Report on foot-and-mouth social investigations in Ngamiland and Central Districts. **0904**
- DOMESTIC ANIMALS**
- Bluetongue antibody in Botswana's domestic and game animals. **0909**
- Field studies of foot-and-mouth disease in Bechuanaland. **0895**
- Helminthiasis in domestic and wild ruminants in Botswana – preliminary investigations. **0885**
- DROUGHT**
- A drought susceptibility pilot survey in northern Botswana. Final report. **0640**
- An aspect of warning systems for drought information collection in the districts. **0647**
- Botswana – a study of drought relief and contingency measures relating to the livestock sector. Final report. Volume I. Executive report. Volume II. Annexes. **0082**
- Coping with drought in Botswana – household strategy and government policy. **0503**
- Coping with drought in the Kalahari. **0407**
- Dealing with drought and livestock in Botswana. **0827**
- Drought impacts and adaptations: Socio-economic aspects of the 1979 Kgatleng drought. **0450**
- Drought in rural Botswana: Socio-economic impact and government policy. **0520**
- Evaluation of 1979/80 drought relief programme. **0361**
- People, cattle and drought in western Kweneng. Report on Duitwe village. **0509**
- Proceedings of the symposium on drought in Botswana. **0639**
- Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. **0660**
- The implications of drought for non-village populations living in remote areas in the sandveld. **0521**
- DRUG PLANTS**
- A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB 7/1/14/80-81. **0632**
- DRY FARMING**
- Background to the development of arable agriculture in Botswana: A review of the adoption of the Integrated Farming Pilot Project. **0368**
- Botswana Dryland Farming Research Scheme. Annual report for 1972/73. Engineering and general. **0919**
- Comparison of three dryland cropping systems in terms of constraints to production. **0691**
- Crop production in the Kalahari. **0684**
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- Mechanical aspects of dryland farming. **0916**
- Problems of dry and irrigated farming in arid countries. **0706**
- Provisional land suitability for traditional dryland farming, Matsheng, Kgalagadi District. **0193**
- Soils of north-eastern Botswana and their suitability for dryland farming. **0669**
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#### **DUNES**

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- Sand dune stabilization, Bokspits, Botswana. **0718**

#### **EARTHQUAKES**

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#### **EAST AFRICA**

- Proposal for consultancy to control foot-and-mouth disease - southern and eastern Africa. A. Technical proposals. B. Financial proposals. **0884**

#### **ECOLOGY**

- Notes on the ecology of the Moremi Wildlife Reserve. **0991**
- Preliminary anthropological, archaeological, and ecological investigations in the Central District of Botswana, September-December, 1975. **0440**
- Rural class formation and ecological collapse in Botswana. **0403**
- Some aspects of African ecology with special reference to Botswana. **0735**
- Symposium on the Okavango Delta. **0089**
- The impact of man on the environment of Botswana. **1000**
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- National development plan, 1979/85. **0123**
- Planning for agriculture in Botswana. A report on the arable lands survey. **0264**

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- Poverty in Botswana. **0191**
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- Report of the remote area development workshop. **0175**
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- Statistical abstract, 1968. **0166**
- Statistical abstract, 1974. **0150**
- The economy of Botswana. **0224**
- The evolution of a strategy for livestock development in the communal areas of Botswana. **0263**
- The macroeconomic position of Botswana. **0265**
- Transitional plan for social and economic development. **0306**
- ECONOMIC EVALUATION**
- Financial and economic viability of the Botswana Agricultural Marketing Board. **0600**
- ECONOMIC GROWTH**
- Botswana country economic memorandum. **0225**
- Growth with equity - some explanatory hypotheses based on the structure and pattern of distribution in Botswana. **0267**
- The macroeconomic position of Botswana. **0265**
- ECONOMIC INDICATORS**
- Botswana national accounts and selected indicators, 1966-1976. **0125**
- National accounts of Botswana, 1971/72. **0126**
- Socio-economic activity patterns and environmental resource utilisation in Kgatleng District: Some first results of a household survey. **0482**
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- Statistical bulletin, December 1978. **0128**
- Statistical bulletin, December 1981. **0159**
- Statistical bulletin, June 1978. **0130**
- Statistical bulletin, June 1979. **0131**
- Statistical bulletin, June 1981. **0160**
- Statistical bulletin, March 1978. **0133**
- Statistical bulletin, March 1981. **0134**
- Statistical bulletin, March 1982. **0161**
- Statistical bulletin, March 1983. **0162**
- Statistical bulletin, September 1977. **0136**
- Statistical bulletin, September 1978. **0163**
- Statistical bulletin, September 1979. **0132**
- Statistical bulletin, September 1980. **0135**
- Statistical bulletin, September 1981. **0164**
- Statistical bulletin, September/December 1982. **0165**
- The economy of Botswana. **0224**
- The macroeconomic position of Botswana. **0265**
- ECONOMIC PLANTS**
- A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB7/1/14/80-81. **0632**
- ECOSYSTEMS**
- Man-made vegetation changes: An example from Botswana's savanna. **1003**
- EDUCATION**
- Seminar on education for rural development. **0056**
- Statistical abstract, 1975. **0139**
- Statistical abstract, 1976. **0158**
- Statistical abstract, 1979. **0145**
- EEC**
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- Project presented to the European Economic Community by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0906**
- ELEPHANTS**
- A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**
- A survey of elephant populations in north-eastern Botswana. **0828**
- EMERGENCY RELIEF**
- Evaluation of 1979/80 drought relief programme. **0361**
- Evaluation of labour-related projects in drought relief and development. **0362**
- Report of a survey conducted in Ngamiland on the socio-economic impact of P50 advance loan scheme and the flood relief scheme. **0467**
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- Manpower and employment in Botswana.** 0121
- National migration study. Rural-urban migration and agricultural productivity in Botswana.** 0446
- Report of the Presidential Commission on economic opportunities.** 0280
- Seminar on education for rural development.** 0036
- Statistical abstract, 1975. 0139
- Statistical abstract, 1976. 0158
- Statistical abstract, 1979. 0143
- The 1967/68 agricultural survey. 0090
- ENERGY REQUIREMENT**
- Tillage energy requirements for semi-arid crop production in Botswana. 0920
- ENTOMOLOGY**
- Annual report for the Division of Arable Crops Research, 1979/80. 0675
- ENVIRONMENT**
- A land use survey of the Northern State Lands of Botswana. 0081
- Environmental change in a semi-arid region. A study of the Olifants Drift area in south eastern Botswana. 0637
- Environmental change in Botswana. 1001
- Environmental constraints to livestock production. 0767
- Environmental resources utilisation in communal Botswana. 0483
- Social and environmental impacts of agrarian reform in rural Botswana. 0474
- ENVIRONMENTAL DEGRADATION**
- Environmental change in Botswana. 1001
- Rural class formation and ecological collapse in Botswana. 0403
- The impact of man on the environment of Botswana. 1000
- EPIDEMICS**
- The Botswana social accounts matrix in the analysis of the impact of the foot-and-mouth disease. 0212
- EPIDEMIOLOGY**
- Preliminary investigations of the cowpea aphid-borne mosaic virus (CAMV) on cowpea in Botswana. 0752
- ERAGROSTIS CURVULA**
- Eragrostis curvula*. Weeping love grass. 0721
- EROSION**
- A system for the classification of soil erosion in the SARCCUS region. 0719
- Mapping of soil erosion from aerial photographs. 0716
- Rainfall erosivity and its use for soil loss estimation. 0717
- EROSION CONTROL**
- A system for the classification of soil erosion in the SARCCUS region. 0719
- ETHNICITY**
- Ethnological survey of the peoples of the Okavango River Delta. 0428
- ETHIOPIA**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. 1007
- EXOTIC BREEDS**
- Improving small ruminant productivity: Genetic resources. 0818
- EXPORTS**
- Botswana's beef export industry: The issue of the proposed northern abattoir. 0597
- EXTENSION ACTIVITIES**
- 'Laedza Batanani'. Folk media and development: A Botswana case study. 0040
- Agricultural extension services in Botswana: An evaluation study, 1971. 0058
- Agricultural information and media communication in extension with special reference to Botswana. 0053
- An analysis of research and extension strategies to improve cropping systems for small farms in Botswana. 0705
- An appraisal of agricultural extension in Botswana. 0051
- Animal production extension in Botswana with special reference to the guidelines of the Phororo Report. 0052
- Annual report, 1981/82. 0780
- Department of Agriculture annual report 1962/63 - year ended 30th. September, 1963. 0015
- Project memorandum - agricultural officer for western tribal lands extra-rural sector. 0055
- Report of the Community Developer Review Committee. 0044
- Republic of Botswana. Project memorandum. Services to the livestock owner in the communal areas. 0778
- Women's access to agricultural extension services in Botswana. 0041
- Women's involvement in agriculture in Botswana. 0379
- EXTENSION WORKERS**
- Livestock policy 1970/71. 0083
- FARM EQUIPMENT**
- Dryland Farming Research Scheme (DLFRS), Botswana. Initial scientific report Phase II, December 1976. 0707
- Farm systems testing, 1973/74 season. 0690
- Report on a visit to Botswana, 24-30 January, 1977. 0913
- FARM IMPLEMENTS**
- A mechanical plough planter - fabrication guide. 0917
- Agricultural engineering and general aspects of the Botswana research and development projects. 0921
- Dryland Farming Research Scheme (DLFRS), Botswana. Interim scientific report Phase II, December 1977. 0670
- Mechanical aspects of dryland farming. 0916

- The Mochudi toolbar: Makgonatsotlhe - the machine which can do everything. **0914**  
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#### **FARM INCOME**

- Agricultural development in Botswana: Targets and constraints. **0062**  
 Returns to traditional cattle keeping. **0353**  
 Rural development in Botswana. **0284**  
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 Rural incomes and urban wage rates. **0229**  
 Rural poverty in Botswana - dimensions, causes and constraints. **0404**  
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#### **FARM MANAGEMENT**

- 1977/78 Farm management survey. **0329**  
 Annual report, 1971. **0114**  
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 Cattle husbandry in the communal areas of eastern Botswana. **0765**  
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 Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**  
 Farm management survey results, 1981 survey, 1978-81 survey comparisons. **0331**  
 Farm management survey results, 1982 survey, 1978-82 survey comparisons. **0332**  
 Farm recording scheme, 1972/73 and 1973/74 seasons. A record of farm management response to wet and dry conditions in southern Botswana. **0345**  
 Impact of communal fencing in three communities of Central District (baseline data). Phase I. Report. **0319**  
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#### **FARM SIZE**

- The 1967/68 agricultural survey. **0090**  
 The 1969/70 agricultural survey. **0116**

#### **FARMERS**

- Barolong agriculture reconsidered: Agriculture and planning in the Southern District Communal First Development Area. **0343**  
 Report of a survey conducted in Ngamiland on the socio-economic impact of P50 advance loan scheme and the flood relief scheme. **0467**  
 Report on the Kgatleng First Development Area and attitudes to agricultural problems with special reference to the TGLP and group formation. **0381**

#### **FARMING SYSTEMS**

- 1982 ALDEP program: Baseline data and evaluation. **0366**

- A historical transformation of arable agriculture in the Barolong farms. **0246**  
 A note on the evolution and nature of the Botswana Arable Lands Development Programme (ALDEP). **0370**  
 A note on the relationship between cattle and crop production in Mmaphashalala village, Central District. **0692**  
 A report on the economic potential for irrigation in Botswana. **0983**  
 A very preliminary summary report from a survey done in Phase I of the project "Agricultural Development - Ngamiland". National Plan no. AR C2. **0272**  
 A whodunit or "towards a research note on 'arable agriculture' in Botswana". **0034**  
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 Agricultural development - Ngamiland Phase I report. **0271**  
 Agricultural development - Ngamiland Phase I report, 1981/82. **0336**  
 Agricultural engineering and general aspects of the Botswana research and development projects. **0921**  
 Arable agriculture in Botswana: A case for subsidies. **0337**  
 Background to the development of arable agriculture in Botswana: A review of the adoption of the Integrated Farming Pilot Project. **0368**  
 Dryland Farming Research Scheme (DLFRS), Botswana (TSR3045). Report of assessors, March 1978. **0710**  
 Dryland Farming Research Scheme (DLFRS), Botswana. Farming systems studies, 1977/78. **0697**  
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 Farm management survey results, 1982 survey, 1978-82 survey comparisons. **0332**  
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- Preliminary discussion paper on farming systems research in Botswana. 0694**
- Report no 1. Animal draft systems study. 0912**
- Report on arable policy seminar. 0226**
- Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. 0660**
- Second annual report, 1972/73. Agronomy. 0679**
- Surveys and training for the development of water resources and agricultural production, Botswana land capability classification. Part 1. For dryland farming in Botswana. Part 2. For irrigated land use in Botswana. 0291**
- Surveys and training for the development of water resources and agricultural production, Botswana. The agro-economic conditions of Molapo cultivation in the Shorobe area. 0278**
- The pattern of grazing and water utilisation – a case study of Shoshong area. 0339**
- The political economy of peasant family farming: Some anthropological perspectives on rationality and adaptation. 0425**
- The role of the Department of Agriculture in the promotion of arable farming in Botswana, 1935–1981. 0245**
- Traditional arable production practices in Botswana. 0700**
- Traditional versus commercial agriculture in Botswana. 0341**
- Weeds in Botswana. 0756**
- FARMS**
- Calf losses to weaning (7 months) in APRU ranches. 0801**
- Central District reconnaissance. Report on visits to two areas, 1–9 August, 1977. 0432**
- Farm management survey results, 1981 survey, 1978–81 survey comparisons. 0331**
- Lepasha First Commercial Development Area. 0315**
- Lepasha River commercial ranch development: Plan proposal. 0363**
- Living at the lands or the tap: A dilemma for the peasants in Botswana. 0430**
- Population movements and settlement patterns in contemporary Botswana. 0507**
- Report of the Commission of Inquiry into Ngwaketse First Development Area Ranches and government's decisions on the recommendations of the Commission. 0352**
- Report on a soil survey of Content Farm. 0656**
- Scheme farmer surveys. 0321**
- The survey of the freehold farms of Botswana. 0355**
- FARMYARD MANURE**
- Kraal manure. 0659**
- FEASIBILITY STUDY**
- Dairy consultancy on the feasibility of establishing a pasteurization plant in Mahalapye and matters relevant thereto. 0992**
- Possibilities of establishing a leather and leather processing industry in Botswana. 0311**
- Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 3. Appendix 7.1. Text. 0969**
- Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 4. Appendix 7.1. Schedules. 0970**
- FECUNDITY**
- Conception rates of beef cattle in Botswana following synchronization of oestrous with cloprostenol. 0813**
- FEED GRASSES**
- A handbook of common grasses in Botswana. 0740**
- Setaria sphacelata* – golden millet. 0738**
- Sorghum almum* (Colombus grass). 0722**
- The grass percent cover correlation from different sites in northern hemisphere of Botswana. 0733**
- FEED LEGUMES**
- The grass percent cover correlation from different sites in northern hemisphere of Botswana. 0733**
- FEEDING HABITS**
- Some plants used by the Bushmen in obtaining food and water. 0996**
- Surveys and training for the development of water resources and agricultural production, Botswana. Food consumption and QUAC stick measurements: Report of a survey in the Shoshong area, 1970/1971. 0997**
- FEMALE GENITAL SYSTEM**
- Reproduction in the buffalo-cow: pH of the vaginal secretions. 0819**
- FEMALE INFERTILITY**
- Reproduction in the buffalo-cow: pH of the vaginal secretions. 0819**
- FEMALE LABOUR**
- Women, migrant labour and social change in Botswana. 0394**
- FENCING**
- Impact of communal fencing in three communities of Central District (baseline data). Phase I. Report. 0319**
- FERTILIZER APPLICATION**
- Annual report for the Division of Arable Crops Research, 1979/80. 0675**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. 0634**

## **FERTILIZERS**

Report to the Government of Botswana on the fertilizer demonstration and pilot credit scheme in Botswana, 1969-1975. **0658**

## **FIELD TRIALS**

Report to the Government of Botswana on the fertilizer demonstration and pilot credit scheme in Botswana, 1969-1975. **0658**

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Fifteenth annual report, 1978. **0258**

Fourteenth annual report, 1977. **0257**

Ninth annual report, 1972. **0255**

Seventh annual report, 1970. **0254**

Statistical abstract, 1976. **0158**

Statistical abstract, 1979. **0145**

The development of the money economy and an analysis of the monetary and financial system in the Republic of Botswana. **0249**

Thirteenth annual report, 1976. **0256**

## **FINANCIAL ANALYSIS**

Annual report, 1974. **0769**

Annual report, 1975. **0770**

Annual report, 1975. **0771**

## **FINANCIAL ASPECTS**

Financial and economic viability of the Botswana Agricultural Marketing Board. **0600**

The Botswana Meat Commission 1979 annual report. **0568**

The Botswana Meat Commission 1980 annual report. **0569**

The Botswana Meat Commission 1981 annual report. **0570**

The Botswana Meat Commission. Accounts and report, 1977. **0567**

The Botswana Meat Commission. Accounts and report, 1978. **0571**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1966. **0558**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1968. **0559**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1969. **0560**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1970. **0561**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1971. **0562**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1972. **0563**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1974. **0564**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1975. **0565**

The Botswana Meat Commission. Report and accounts, 1976. **0566**

## **FINANCIAL INSTITUTIONS**

Credit facilities in Botswana. **0340**

## **FIRE CAUSES**

Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. **0753**

## **FIRE CONTROL**

Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. **0753**

## **FIRE DETECTION**

Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. **0753**

## **FIRE PREVENTION**

Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. **0753**

## **FISHERIES DEVELOPMENT**

Agricultural and fisheries development. Report on a visit made to Botswana on 4th - 12th February, 1977. **0911**

## **FLOOD PLAINS**

Surveys and training for the development of water resources and agricultural production, Botswana. The agro-economic conditions of Molapo cultivation in the Shorobe area. **0278**

## **FLOODED LAND**

Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. **0660**

## **FLOOD DING**

Surveys and training for the development of water resources and agricultural production, Botswana. Hydrological data for eastern Botswana. **0958**

## **FLORA**

A reconnaissance trip through the eastern portion of the Bechuanaland Protectorate, April 1931; and an expedition to Ngamiland, June - July 1937. **0743**

The woody plants of the Bechuanaland Protectorate. **0742**

## **FLORA ANALYSIS**

Preliminary utilization studies with special reference to western Ngwaketse. **0736**

## FOOD AID

A study on improving EEC agricultural surplus av. lablity to ACP countries. Some observations on food aid and concessional sales of surplus agricultural produce to the ACP. **0371**

Evaluation of 1979/80 drought relief programme. **0361**

Evaluation of labour-related projects in drought relief and development. **0362**

## FOOD CONSUMPTION

Milk consumption in Gaborone. **0590**

Review of post-harvest technologies, Botswana. **0993**

Surveys and training for the development of water resources and agricultural production, Botswana. Food consumption and QUAC stick measurements: Report of a survey in the Shoshong area, 1970-1971. **0967**

## FOOD CROPS

A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB 7/1/14/80-81. **0632**

Agricultural research in Botswana, 1960-68. **0621**

Annual report of the Agricultural Research Section, Bechuanaland Cattle Ranch, 1953/54. **0027**

Preliminary investigations into the marketing of crops and livestock in Botswana. **0591**

Some plants used by the Bushmen in obtaining food and water. **0996**

The marketing of basic food crops in Botswana. **0592**

## FOOD POLICIES

A policy and action plan for strengthening national food security in Botswana. **0359**

## FOOD PRODUCTION

A study of Commonwealth food production. **0295**

Agricultural development in Botswana: Targets and constraints. **0062**

Annual report of the Livestock and Agricultural Department, 1946. **0841**

Appraisal report. Arable Lands Development Programme Phase I project. **0225**

Crops as a source of protein for human consumption. **0619**

Food and nutrition in the Bechuanaland Protectorate. **0999**

Increasing food production with emphasis on high protein foods. **0626**

Molapo farming development, Ngamiland. Appraisal report. **0360**

## FOOD RESOURCES

A survey of food availability among the Ba-Tlokwa-ba-Moshaweng of Tlokweg, Southeast District, Republic of Botswana. **0995**

What hunters do for a living, or, how to make out on scarce resources. **0458**

## FOOD STOCKS

A survey of food availability among the Ba-Tlokwa-ba-Moshaweng of Tlokweg, Southeast District, Republic of Botswana. **0995**

Review of post-harvest technologies, Botswana. **0993**

## FOOD SUPPLY

A policy and action plan for strengthening national food security in Botswana. **0359**

Crops as a source of protein for human consumption. **0619**

Projects for achieving regional food security. Project no. 8. Regional food marketing infrastructure. **0543**

Review of post-harvest technologies, Botswana. **0993**

Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**

## FOOD TECHNOLOGY

Review of post-harvest technologies, Botswana. **0993**

## FOODS

Food and nutrition in the Bechuanaland Protectorate. **0999**

## FOOT AND MOUTH DISEASE

A social investigation into the effects of foot-and-mouth disease in Nokaneng, Tsau, Gweta and Nata. **0464**

Field studies of foot-and-mouth disease in Bechuanaland. **0695**

Foot-and-mouth disease in Bobonong, Maunatlala and Tonota. **0907**

Foot-and-mouth relief scheme. **0893**

Immobilisierung von afrikanischen Buffeln im Rahem der Maul- und Klauenseuchebekämpfung in Botswana. (Immobilisation of African buffalo during a campaign for control of foot-and-mouth disease in Botswana). **0887**

Methods of control of foot-and-mouth disease in Botswana. **0892**

Production of foot-and-mouth disease vaccine, Botswana. **0871**

Project presented to the Arab Bank for Economic Development in Africa by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0905**

Project presented to the European Economic Community by the Government of the Republic of Botswana for the intensification of the control of foot-and-mouth disease. **0906**

Proposal for consultancy to control foot-and-mouth disease - southern and eastern Africa. A. Technical proposals. B. Financial proposals. **0884**

Report on foot-and-mouth social investigations in Ngamiland and Central Districts. **0904**

The Botswana social accounts matrix in the analysis of the impact of the foot-and-mouth disease. **0212**

- The impact of foot-and-mouth disease on the poorer sectors of Botswana's population, with special reference to the western sandveld region of Central District. **0433**
- FOOT AND MOUTH DISEASE VIRUS**  
The isolation and characterization of foot-and-mouth disease virus from clinically normal herds of cattle in Botswana. **0896**  
The isolation of foot-and-mouth disease virus from African buffalo (*Syncerus caffer*). **0894**
- FORECASTING**  
A report on the economic potential for irrigation in Botswana. **0983**
- FOREST RESOURCES**  
A pain in the neck: The firewood situation in south-western Kgatleng, Botswana. **0759**
- FORESTRY DEVELOPMENT**  
A woodlot management plan for the Matsheng villages. Village Area Development Project, Hukuntsi. **0761**  
Forestry Unit, KRDA - evaluation. **0758**  
Report on the Forest Administration of Botswana for the year 1967-1968. **0757**
- FORESTRY MANAGEMENT**  
A woodlot management plan for the Matsheng villages. Village Area Development Project, Hukuntsi. **0761**  
Forestry Unit, KRDA - evaluation. **0758**
- FUEL CROPS**  
Power plants. **0944**
- FUELWOOD**  
A handbook for village woodlot planning and management in Botswana. **0762**  
A pain in the neck: The firewood situation in south-western Kgatleng, Botswana. **0759**  
A woodlot management plan for the Matsheng villages. Village Area Development Project, Hukuntsi. **0761**
- GABORONE**  
Milk consumption in Gaborone. **0590**
- GAME**  
Bluetongue antibody in Botswana's domestic and game animals. **0909**  
Serological evidence of bluetongue in game animals in Botswana. **0908**  
The incidence of brucellosis in game in Botswana. **0686**
- GAME RESERVES**  
Cattle versus wildlife: Optimal use of marginal lands. **0943**  
Kutse Game Reserve, Botswana: An example of a drought-prone environment. **0940**  
Land use planning and wildlife. **0937**  
Notes on the ecology of the Moremi Wildlife Reserve. **0991**  
Preliminary final report on the central Kalahari predator research project. **0934**
- Present wildlife utilisation in the Central Kalahari Game Reserve, Botswana. A report on the C.K.G.R. reconnaissance survey. **0931**  
The development of wildlife management areas in Botswana. **0926**  
The national parks and game reserve system of Botswana. **0990**  
The people of the Central Kalahari Game Reserve. A report on the reconnaissance of the reserve, July - September, 1976: Sub-project (e) of I.G32 Basarwa development. **0502**
- GANAKWE ETHNIC GROUP**  
Subsistence mobility and territorial organization among the Ganakwe of the northeastern Central Kalahari Game Reserve, Botswana. **0398**
- GEMSBOK**  
A severe outbreak of interdigital necrobacillosis in gemsbok (*Oryx gazella*) in the northern Kalahari (Botswana). **0889**
- GEOGRAPHICAL ASPECTS**  
Bechuanaland. Report for the year 1965. **0079**
- GEOLOGY**  
Erosion surfaces in Namaqualand and the ages of surface deposits in the south-western Kalahari. **0989**  
Notes on the geology and hydrogeology of the central Kalahari region, Bechuanaland Protectorate. **0650**  
The surface geology of the Kalahari. **0654**
- GEOMORPHOLOGY**  
The application of remote sensing techniques for geomorphological terrain classification and terrain feature dynamic mapping in northern Botswana. **0652**  
The surface geology of the Kalahari. **0654**
- GEOPHYSICS**  
Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report: Seismicity tectonics and seismic hazard of the Okavango Delta. **1009**
- GHANZI DISTRICT**  
Climate and climatic trends in the Ghanzi District. **0636**  
Report on the survey/investigation of the Ghanzi Farm Basarwa situation. **0402**
- GLOSSARY**  
Glossary of terms used in range ecology, soil conservation, soil science and land use planning. **1010**
- GLOSSINIDAE**  
A review of anti-tsetse activities in Botswana. **0878**  
Activity report, 1975-1980. **0867**  
An account of tsetse fly control in Botswana. **0879**

- Appraisal report on WFP project 323. Community development and tsetse fly control. **0490**
- Brief notes for the SARCCUS 1979 meeting of the standing committee for animal health. **0873**
- Notes on the history of sleeping sickness. **0899**
- Report to the Government of Botswana on tsetse control. **0877**
- The history of tsetse fly control in Botswana. **0876**
- Tsetse ecology and control, Botswana, 1977-1981. Final report. **0881**
- GOATS**
- Improving small ruminant productivity: Genetic resources. **0816**
- Livestock and range research in Botswana. Annual report, 1979. **0782**
- Sheep and goat development project Phase I, 1977-80. **0790**
- Sheep and goat production and marketing problems in Botswana. **0766**
- Ten years of animal production and range research in Botswana. **0783**
- GOVERNMENT ACTIONS**
- Botswana's development strategy for its indigenous desert people, the Kalahari Bushmen. **0535**
- The role of the Department of Agriculture in the promotion of arable farming in Botswana, 1935-1981. **0245**
- GOVERNMENT POLICIES**
- A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Ngwaketse west, Part 2. Ngwaketse south, Part 3. Barolong farms. **0481**
- A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Northwest District. **0468**
- Arable agriculture in Botswana: A case for subsidies. **0337**
- Conduct and development of the livestock industry legislative council paper no. 17 of 1963/64. **0059**
- Coping with drought in Botswana - household strategy and government policy. **0503**
- Government paper no. 2 of 1982. National policy on economic opportunities (as approved by the National Assembly on 22nd December 1982). **0207**
- Lefatshe la rona - our land. The report of the Botswana Government's public consultation on its policy proposals on Tribal Grazing Land. **0178**
- Official policy towards San (Bushmen) hunter-gatherers in modern Botswana, 1966-1978. **0538**
- Report on discussions of the Tribal Land Grazing Policy, health, education and general welfare with east-central Kalahari Basarwa cattle post residents. **0473**
- Rethinking of the TGLP in light of the land-use planning exercise. **0169**
- Study guide for use in the public consultation program of the Tribal Grazing Land Policy, Republic of Botswana. **0057**
- Tribal Grazing Land Policy. **0302**
- GRADING**
- Rating cattle for physical condition. **0811**
- GRAIN CROPS**
- Agricultural research in Botswana, 1960-68. **0621**
- Research on swamp and dryland soils of the Okavango Delta. Results of agronomic trials during 1979/80. **0630**
- GRAIN LEGUMES**
- Increasing food production with emphasis on high protein foods. **0626**
- GRAIN STORAGE**
- Annual report of the research section for the year ending 30th September, 1969. **0028**
- GRASSHOPPERS**
- A preliminary study of the distribution of Acridoidae in relation to overgrazing in Botswana. **0823**
- GRAZING**
- A report on the range ecology project, western Kalahari **0731**
- Cattle grazing and the ecology of the western Kalahari. **0732**
- Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**
- Keeping an eye on TGLP. A report prepared for the National Institute of Research (NIR). **0356**
- National Policy on Tribal Grazing Land. **0259**
- National Workshop on Tribal Grazing Policy. **0084**
- Social aspects of Kgalagari settlement. **0454**
- Soil type and vegetation correlation for determining grazing capacity with special reference to the Nata ranches. **0730**
- Some aspects of African ecology with special reference to Botswana. **0735**
- Some aspects of the ecology of the Kgatleng District, Botswana. Introduction of the range coefficient. **0734**
- Stocking rate trials. **0831**
- TGLP guidelines: Groups, ranch management, project memorandums. (sic.) **0320**
- The operation and viability of the Second Livestock Development Project (1497-BT): selected issues. **0298**
- The pattern of grazing and water utilisation - a case study of Shoshong area. **0339**
- GRAZING LANDS**
- A preliminary report on group formation in the Regwaketse south extension area. **0796**
- A study about attitude to the Tribal Grazing Land Policy with some reference to group formation and general agricultural problems. **0307**

- Grazing resources in the Western State Lands, Botswana. **0988**
- I.F.P.P. Grazing group study. **0465**
- Progress report, 1981/1982. **0789**
- Report on discussions of the Tribal Land Grazing Policy, health, education and general welfare with east-central Kalahari Basarwa cattle post residents. **0473**
- Report on Tribal Grazing Land Programme. **0168**
- Sociological monitoring of the Tribal Grazing Land Policy: An overview. **0436**
- The management of communal grazing in Botswana. **0185**
- Tribal Grazing Land Policy. **0302**
- GRAZING RIGHT**
- I.F.P.P. Grazing group study. **0465**
- GRAZING SYSTEMS**
- Central District attitudinal report with reference to the agricultural problems and the Tribal Grazing Land Policy. **0400**
- Issues facing implementation of the TGLP and their implications. **0806**
- Livestock production in relation to the maintenance of habitats in the Kalahari. **0824**
- Report on the trip to Central District on attitudes towards the Tribal Grazing Land Policy (Sefhophe, Serule, Taupye and Tsetsebjwe). **0493**
- Seminar report on socio-economic monitoring of the Tribal Grazing Land Policy. **0262**
- Testing of grazing systems in Botswana. **0829**
- The communal grazing cells. Report of knowledge, attitudes, practices study in Kgatleng River villages. **0804**
- The report on the Botswana Government's public consultation on its policy proposals on Tribal Grazing Lands. **0791**
- Tribal Grazing Land Policy 1981 programme review. **0685**
- GROUNDWATER**
- Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**
- Sand rivers of Botswana. A reconnaissance of the major sand rivers. Volume 1. Text, tables and figures. **0973**
- Sand rivers of Botswana. A reconnaissance survey of the major sand rivers. Volume 2. Drawings. **0974**
- GROUP RANCHES**
- An outline for a pilot project to develop group ranches in the mid-southern Ngwaketse area of Botswana. **0763**
- GROWTH**
- A note on the growth of beefalo crossbred calves in Botswana. **0818**
- Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0834**
- HAEMATOLOGY**
- Some haematological values in five species of game. **0832**
- HAMBUKUSHU ETHNIC GROUP**
- The Hambukushu of Ngamiland. **0455**
- HELIANTHUS ANNUUS**
- Crop production in Botswana. Biennial report 1975-1977. Part 4. Variety trials. **0618**
- HELMINTHOSES**
- Helminthiasis in domestic and wild ruminants in Botswana - preliminary investigations. **0885**
- HERBICIDES**
- Weeds in Botswana. **0756**
- HERD SIZE**
- A tentative methodological proposal on an age old research problem. **1013**
- Cattle accumulation and the commercialization of the traditional livestock industry in Botswana. **0322**
- Evaluation of the Botswana Range Management and Development USAID Project no. 690-11-130-015. Part 2. Livestock ownership and marketing in Botswana. **0616**
- HERD STRUCTURE**
- Beef cattle monitoring in the Western State Lands, Botswana. **0784**
- HERERO ETHNIC GROUP**
- The Herero of western Botswana. Aspects of change in a group of Bantu-speaking cattle herders. **0522**
- HIDES AND SKINS**
- Activity report, 1975-1980. **0867**
- Tannery feasibility study in Botswana. **0236**
- HISTORICAL ASPECTS**
- A brief historical perspective on Bushmen in Botswana. **0531**
- A historical transformation of arable agriculture in the Barolong farms. **0246**
- Aspects of the recent history of Ngamiland. **0274**
- Bechuanaland Protectorate. Report for the year 1958. **0074**
- Bechuanaland Protectorate. Report for the years 1961/1962. **0077**
- Bechuanaland. Report for the year 1964. **0078**
- Colonial initiative and African response to the establishment of the dairy industry in Bechuanaland Protectorate, 1930-1966. **0238**
- History of the Botswana veterinary services, 1905-1966: A note. **0868**
- History of the Botswana veterinary services, 1905-66. **0869**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Aspects of the recent history of Ngamiland. **0275**
- Notes on the history of sleeping sickness. **0899**
- Notes on the pre-historic background to 1840. **0397**

- Settlement patterns of the Bakgalagadi. **0438**  
 Summary report of research on Basarwa in western Ngamiland. **0529**  
 The role of the Department of Agriculture in the promotion of arable farming in Botswana, 1935-1981. **0245**

#### **HORTICULTURE**

- Annual report for the Division of Arable Crops Research, 1979/80. **0675**  
 Report on development of horticulture and intensive farming in Botswana. **0628**

#### **HOUSEHOLDS**

- 1981 Population and housing census. Summary statistics of small areas (for settlements of 500 or more people). **0383**  
 A restatement of the Kgatla law of domestic relations. **0496**  
 Agricultural survey, 1970/71. **0113**  
 Background to the development of arable agriculture in Botswana: A review of the adoption of the Integrated Farming Pilot Project. **0368**  
 Coping with drought in Botswana - household strategy and government policy. **0503**  
 National migration study. Urban and rural female-headed households' dependence on agriculture. **0447**  
 Patterns of settlement at the lands: Family strategy in a variegated economy. **0418**  
 Preliminary notes on some characteristics of households and population that is settled permanently at the lands in the Kweneng District. **0505**  
 Surveys and training for the development of water resources and agricultural production, Botswana. Some aspects of "traditional" and "modern" village life in Botswana: Report of an enquiry in the Shoshong area. **0514**  
 The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**  
 The political economy of peasant family farming: Some anthropological perspectives on rationality and adaptation. **0425**  
 Women's involvement in agriculture in Botswana. **0379**

#### **HUMAN ACTION**

- The impact of man on the environment of Botswana. **1000**

#### **HUMAN POPULATION**

- 1981 Population and housing census. Summary statistics of small areas (for settlements of 500 or more people). **0383**  
 A handbook of livestock statistics, 1978. **0108**  
 Bechuanaland Protectorate. Report for the year 1958. **0074**  
 Bechuanaland Protectorate. Report for the year 1959. **0075**  
 Bechuanaland Protectorate. Report for the years 1961/1962. **0077**  
 Bechuanaland. Report for the year 1964. **0078**  
 Botswana's population explosion and its impact on the land. **0422**

- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Volume 1. **0215**

- Land and population. **0200**  
 Statistical abstract, 1967. **0148**  
 Statistical abstract, 1968. **0166**  
 Statistical abstract, 1974. **0150**  
 Statistical abstract, 1975. **0139**  
 Statistical abstract, 1976. **0158**

#### **HUMAN RESOURCES**

- Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 1. Report and maps. **0203**  
 Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 2. Appendixes. **0204**

#### **HUNTING**

- A brief historical perspective on Bushmen in Botswana. **0531**  
 General note on Basarwa in relation to wildlife in Botswana today. **0540**  
 The parameters of hunting and gathering in a multi-ethnic setting: Adaptive flexibility in southern Kalahari. **0519**  
 What hunters do for a living, or, how to make out on scarce resources. **0458**  
 Wildlife and rural economy in S.W. Botswana. **0495**

#### **HYDROGRAPHY**

- Investigation of the Okavango Delta as a primary water resource for Botswana. Hydrostatic levelling in the Okavango Delta. **0975**  
 Notes on the geology and hydrogeology of the central Kalahari region, Bechuanaland Protectorate. **0650**  
 The Okavango Delta. Report on the 1951-1953 field surveys. **0952**

#### **HYDROLOGY**

- Report on the Kalahari expedition, 1945. **0961**  
 Surveys and training for the development of water resources and agricultural production, Botswana. An interim report on the hydrology of the Mahalapshwe River in relation to the Mahalapye township water supply. **0962**  
 The Okavango Delta. Report on the 1951-1953 field surveys. **0952**

#### **HYDROMETEOROLOGY**

- Surveys and training for the development of water resources and agricultural production, Botswana. Hydrological data for eastern Botswana. **0958**

#### **ICRISAT**

- Preliminary discussion paper on farming systems research in Botswana. **0594**

- IMMUNITY**  
Field studies of foot-and-mouth disease in Bechuanaland. **0895**
- IMMUNIZATION**  
Methods of control of foot-and-mouth disease in Botswana. **0892**
- INCOME DISTRIBUTION**  
Growth with equity – some explanatory hypotheses based on the structure and pattern of distribution in Botswana. **0267**  
The rural income distribution survey in Botswana 1974/75. **0140**
- INDIGENOUS BREEDS**  
Improving small ruminant productivity: Genetic resources. **0816**
- INDUSTRIAL CROPS**  
A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB 7/1/14/80-81. **0632**
- INDUSTRY**  
Statistical abstract, 1975. **0139**  
Statistical abstract, 1976. **0158**
- INFESTATION**  
Ticks from the African buffalo (*Syncerus cafer*) in Ngamiland, Botswana. **0874**
- INFORMATION ANALYSIS**  
A computerised system for rapid handling, analysis and use of beef cattle performance records. **1012**
- INFORMATION FLOW**  
An analysis of attendance and a preliminary audience profile. **0047**  
Preliminary report on the public consultation on the National Policy on Tribal Grazing Land. **0176**  
Report on the monitoring of a Tribal Grazing Land Policy Radio Learning Group, Manlotai, Nata River region, Central District, Republic of Botswana. **0050**  
Report on the pilot project together with suggestions for the 1976 Radio Learning Group campaign on the National Policy on Tribal Grazing Land. **0043**  
Study guide for use in the public consultation program of the Tribal Grazing Land Policy, Republic of Botswana. **0057**  
The campaign audience and the RLG meetings. **0043**  
The costs of the campaign. **0042**  
The Radio Learning Group Leaders. **0045**  
The results of the baseline survey of May/June, 1976. **0054**  
Tribal Grazing Land Policy pilot consultation. Lefatshe le rona. Interim evaluation report. **0086**
- INFORMATION STORAGE**  
A computerised system for rapid handling, analysis and use of beef cattle performance records. **1012**
- INFRASTRUCTURE**  
Bechuanaland Protectorate. Report for the year 1959. **0075**  
Country profile, Botswana. **0142**  
Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Volume 1. **0215**  
Statistical abstract, 1975. **0139**  
Statistical abstract, 1976. **0158**
- INSECT CONTROL**  
A review of anti-tsetse activities in Botswana. **0873**  
An account of tsetse fly control in Botswana. **0879**  
Appraisal report on WFP project 323. Community development and tsetse fly control. **0490**  
Brief notes for the SARCCUS 1979 meeting of the standing committee for animal health. **0873**  
Report to the Government of Botswana on tsetse control. **0877**  
The history of tsetse fly control in Botswana. **0876**  
Tsetse ecology and control, Botswana, 1977-1981. Final report. **0881**
- INSECT ERADICATION**  
A review of anti-tsetse activities in Botswana. **0878**
- INSECTICIDES**  
Brief notes for the SARCCUS 1979 meeting of the standing committee for animal health. **0873**
- INTEGRATION**  
How Botswana could benefit from regional integration. **0290**
- INTENSIVE FARMING**  
Report on development of horticulture and intensive farming in Botswana. **0628**
- INTERCROPPING**  
Evaluation of Farming Systems and Agricultural Implements Project (EFSAIP), Botswana. An initial report on the evaluation of intercropping. **0599**
- INTERNATIONAL TRADE**  
Botswana as a beef exporter. **0612**  
Country profile, Botswana. **0142**  
Marketing study – Botswana Meat Commission. **0593**  
The integration of Botswana into the world beef market. **0611**
- INVESTMENT**  
Cattle as a store of wealth in Swaziland: Implications for livestock development and overgrazing in eastern and southern Africa. **0403**
- IRRIGABILITY MAP**  
The irrigation potential of soils along the main rivers of eastern Botswana: A reconnaissance assessment – maps. **0971**

## **IRRIGATED FARMING**

- Problems of dry and irrigated farming in arid countries. **0706**
- Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 3. Appendix 7.1. Text. **0989**
- Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 4. Appendix 7.1. Schedules. **0970**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 4, January 1 – June 30, 1975. **0682**

## **IRRIGATED SOILS**

- Surveys and training for the development of water resources and agricultural production, Botswana land capability classification. Part 1. For dryland farming in Botswana, Part 2. For irrigated land use in Botswana. **0291**

## **IRRIGATION**

- A report on the economic potential for irrigation in Botswana. **0983**
- Bechuanaland from the irrigation standpoint. **0946**
- Irrigation in Botswana. Soil resources and soil surveys. Part 2. Okavango Region. 1. The Motopi Irrigation Scheme. **0703**
- Mogobane dam and irrigation scheme. **0982**
- Report on the Kalahari expedition, 1945. **0961**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 7, July 1 – December 31, 1976. **0683**
- The introduction of rainwater catchment tanks and micro-irrigation to Botswana. **0977**

## **IRRIGATION DEVELOPMENT**

- The irrigation potential of soils along the main rivers of eastern Botswana: Reconnaissance assessment. **0978**

## **IRRIGATION SYSTEMS**

- Surveys and training for the development of water resources and agricultural production, Botswana. Soils and irrigation potential of the Mahalapye and Mogobane pilot schemes. **0981**

## **KALAHARI DESERT**

- A report on the range ecology project, western Kalahari. **0731**
- A severe outbreak of interdigital necrobacillosis in gemsbok (*Oryx gazella*) in the northern Kalahari (Botswana). **0889**
- Botswana countrywide animal and range assessment project. Inception report. **0186**
- Cattle and inequality. A study in rural economic differentiation from southern Kgalagadi in Botswana. **0444**
- Cattle and the Kalahari environment. **0928**
- Cattle grazing and the ecology of the western Kalahari. **0732**

- Cattle is wealth. A pastoral economy in a capitalist setting – a case study from Botswana. **0695**
- Coping with drought in the Kalahari. **0407**
- Crop production in the Kalahari. **0684**
- Erosion surfaces in Namaqualand and the ages of surface deposits in the south-western Kalahari. **0989**
- Grazing resources in the Western State Lands, Botswana. **0988**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**
- Kalahari sands. **0653**
- Landforms and climatic change in the Kalahari and Ngamiland. **0638**
- Livestock production in relation to the maintenance of habitats in the Kalahari. **0824**
- Northern Kgalagadi District extra rural dwellers reconnaissance and consultation. Report 2. **0437**
- Notes on the geology and hydrogeology of the central Kalahari region, Bechuanaland Protectorate. **0650**
- Pastoralists, peasants or proletarians? An analysis of the role of livestock production in the economy of Tsabong area, southern Kgalagadi. **0443**
- Preliminary anthropological, archaeological, and ecological investigations in the Central District of Botswana, September-December, 1975. **0440**
- Preliminary final report on the central Kalahari predator research project. **0934**
- Present wildlife utilisation in the Central Kalahari Game Reserve, Botswana. A report on the C.K.G.R. reconnaissance survey. **0931**
- Report on the Kalahari expedition, 1945. **0961**
- Sand dune stabilization, Bokspits, Botswana. **0718**
- Sandveld agriculture in Botswana. **0693**
- Settlement patterns of the Bakgalagadi. **0438**
- Simultaneous expansion of livestock and game industries in the southern Kalahari. **0270**
- Subsistence mobility, and territorial organization among the Ganakwe of the north-eastern Central Kalahari Game Reserve, Botswana. **0398**
- Surveys and training for the development of water resources and agricultural production, Botswana. Vegetation and grazing conditions in the Gkhanzi – Kalkfontein – Mamona – Makuna – Kuli – Nojane region. **0935**
- Swamp and dry land soils of the Okavango Delta. Effect of wind erosion on Kalahari sand soils. **0715**
- The borehole community in the Central Kalahari Game Reserve. **0442**
- The parameters of hunting and gathering in a multi-ethnic setting: Adaptive flexibility in southern Kalahari. **0519**

The plant ecology of southern Kalahari. **0726**  
The surface geology of the Kalahari. **0654**  
Wildlife and rural economy in S.W. Botswana. **0495**

#### **KALANGA ETHNIC GROUP**

Land and status among western Kalanga of Botswana. **0527**

#### **KASANE**

Kasane land use survey. **0269**

#### **KENYA**

Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. **1007**

#### **KGATLENG DISTRICT**

A pain in the neck: The firewood situation in south-western Kgatleng, Botswana. **0759**

Drought impacts and adaptations: Socio-economic aspects of the 1979 Kgatleng drought. **0450**

Environmental resources utilisation in communal Botswana. **0483**

Environmental science research project: Technical notes on organisation of 1979 winter fieldwork. **0344**

Land availability and arable lands development in southern Kgatleng. **0239**

Land use and farming in Boladu, 1950-1980. **0268**

Planning for development, Kgatleng District. A spatial and development plan with reference to local agricultural problems. **0120**

Preliminary findings and observations on borehole syndicates in Kgatleng District. **0979**

Report on the Kgatleng First Development Area and attitudes to agricultural problems with special reference to the TGLP and group formation. **0381**

Some aspects of the ecology of the Kgatleng District, Botswana. Introduction of the range coefficient. **0734**

The marketing structure of Kgatleng District. **0602**

Women's role in development in the Kgatleng District in Botswana: A preliminary report. **0392**

Women, migrant labour and social change in Botswana. **0394**

#### **KWENENG DISTRICT**

Agricultural transformation and the rise of the Kulak farmers in Kweneng, 1939-1966. **0469**

Communal area development in the Kweneng. **0410**

Enclosing the commons in Southern Africa: An agricultural economic history. **0187**

Forestry Unit, KRDA - evaluation. **0758**

Kgalagadi settlements project - sandveld plantation trials, Takatokwane. Preliminary plantation report. **0760**

Kweneng District First Development Area and Investigation Area (communal reserve, communal group ranch areas, commercial). Preliminary report for discussion. **0228**

Kweneng District survey-liaison. Development report no. 1. Initial investigation survey. **0417**

Kweneng resource survey. **0190**

Notes on the origins of some settlements in the Kweneng District. **0504**

People, cattle and drought in western Kweneng. Report on Duitwe village. **0509**

Planning for development, western Kweneng District. A spatial and development plan with reference to local agricultural problems. **0227**

Preliminary notes on some characteristics of households and population that is settled permanently at the lands in the Kweneng District. **0505**

Report on Duitwe village, Kweneng District. **0510**

Rural sociology report on Kweneng-west cattle post areas. **0382**

#### **LABORATORIES**

Activity report, 1975-1980. **0867**

Promotion of the veterinary service in Botswana, 1976-1980. **0870**

#### **LABOUR**

ALDEP employment study. Paper 2. Informal markets, technology and employment on arable lands in Botswana. **0188**

National migration study. Rural-urban migration and agricultural productivity in Botswana. **0446**

Ncojane village area and Ncojane farms. Discussion papers. **0338**

Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**

#### **LAND**

Land and population. **0200**

#### **LAND ALLOTMENT**

Criteria for zoning, allocation and leases on tribal land. **0173**

Research on access to land in the communal areas. Preliminary draft report. **0240**

#### **LAND CAPABILITY**

Memorandum on proposed reconnaissance land capability study in Northern State Lands. **0099**

Provisional land suitability for traditional dryland farming, Matsheng, Kgalagadi District. **0193**

Surveys and training for the development of water resources and agricultural production, Botswana land capability classification. Part 1. For dryland farming in Botswana, Part 2. For irrigated land use in Botswana. **0291**

#### **LAND CLASSIFICATION**

Investigation of the Okavango Delta as a primary water resource for Botswana. Land systems. **0099**

Surveys and training for the development of water resources and agricultural production, Botswana land capability classification. Part 1. For dryland farming in Botswana, Part 2. For irrigated land use in Botswana. **0291**

#### **LAND DEVELOPMENT**

Extract from Presidential Directive CAB. 44/74, dated 17th December 1974, on land development policy: Eastern Tribal Lands. **0194**

Kweneng District First Development Area and Investigation Area (communal reserve, communal group ranch areas, commercial). Preliminary report for discussion. **0228**

Land development, Botswana. Project findings and recommendations. **0195**

National Policy on Tribal Grazing Land. **0259**  
National Workshop on Tribal Grazing Policy. **0084**

Report on Tribal Grazing Land Programme. **0168**

The Sandford report: Major recommendations. **0287**

The Tribal Grazing Land Policy and integrated land use planning: A district view. **0208**

Working group meeting papers on the development of tribal land. **0167**

#### **LAND DISTRIBUTION**

Criteria for zoning, allocation and leases on tribal land. **0173**

#### **LAND EVALUATION**

Memorandum on proposed reconnaissance land capability study in Northern State Lands. **0099**

Soils of north-eastern Botswana and their suitability for dryland farming. **0669**

#### **LAND FORM**

Observations on land board performance. **0317**

#### **LAND MANAGEMENT**

Access to agricultural land and communal land management in eastern Botswana. **0210**

#### **LAND OWNERSHIP**

Native land tenure in the Bechuanaland Protectorate. **0288**

Research on access to land in the communal areas. Preliminary draft report. **0240**

Water rights and land control in arid areas. **0980**

#### **LAND PRODUCTIVITY**

Stock limitation: Any economic alternatives for Botswana? **0220**

#### **LAND RECLAMATION**

The management of communal grazing in Botswana. **0185**

#### **LAND REFORM**

A reorganization of land and cattle in Botswana. **0218**

Assistance to the Rural Development Unit – Tribal Grazing Land Programme coordinator. Project findings and recommendations – terminal report. **0197**

Botswana's land tenure: Institutional reform and policy formulation. **0237**

Customary and modern land tenure systems in Botswana. **0242**

Keeping an eye on TGLP. A report prepared for the National Institute of Research (NIR). **0356**

Land tenure systems and land reform in Botswana. **0303**

Popular version of the Tribal Grazing Land Policy. **0273**

Productivity vs equity: Land reform in Botswana. **0216**

Research on Tribal Grazing Land Policy issues. **0797**

Some aspects of land tenure reform in the Tribal Territories of Bechuanaland. **0219**

TGLP guidelines. **0304**

The Second Livestock Development Project as an integral part of the National Policy on Tribal Grazing Land. **0800**

The TGLP and hunter-gatherers: A case study in land politics. **0316**

Tradition, social justice and land reform in central Botswana. **0435**

#### **LAND RESOURCES**

Botswana countryside animal and range assessment project. Methodology report. Part A. Organisation and progress. **0033**

Land availability and arable lands development in southern Kgatleng. **0239**

Land resources and crop requirements. **0294**

Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 1. Report and maps. **0203**

Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 2. Appendixes. **0204**

The Central and Southern State Lands, Botswana. **0987**

The Northern State Lands, Botswana. **0988**

#### **LAND TENURE**

A restatement of the Kgatla law relating to land and natural resources. **0498**

Access to agricultural land and communal land management in eastern Botswana. **0210**

Barolong farms. Geographical structures and land use policies: A need for realism. **0358**

Botswana's land tenure: Institutional reform and policy formulation. **0237**

Country report on the land tenure seminar. **0301**

Customary and modern land tenure systems in Botswana. **0242**

Handbook. The tribal land act, the tribal land regulations, the subordinate land boards regulations. **0060**

- Land chiefship in the Tati concession. **0526**
- Land and status among western Kalanga of Botswana. **0527**
- Land availability and arable lands development in southern Kgatleng. **0239**
- Land tenure issues in African development (a position paper). **0283**
- Land tenure systems and land reform in Botswana. **0303**
- Native land tenure in the Bechuanaland Protectorate. **0288**
- Observations on land board performance. **0317**
- Productivity vs equity: Land reform in Botswana. **0216**
- Report on land tenure in western Ngami-land's First Communal First Development Area. **0300**
- Settlement on tap: the role of water in permanent settlement at the lands. **0419**
- Some aspects of land tenure reform in the Tribal Territories of Bechuanaland. **0219**
- The history of "the colonial land" policies: the Molopo case, 1855-1966. **0297**
- The impact of changing agricultural technology on African land tenure. **0308**
- The native land problem in the Tati District. **0289**
- The relationship between land tenure and agricultural production in Botswana. **0232**
- The TGLP and hunter-gatherers: A case study in land politics. **0316**
- The Tribal Grazing Land Policy and integrated land use planning: A district view. **0208**
- The Tribal Land Act 1968, no. 54 of 1968 as amended by the Tribal Land (Amendment) Act 1969, no. 48 of 1969. The Tribal Land Act commencement notice 1970, S.I. no. 6 of 1970. The Tribal Land regulations 1970, S.I. no. 7 of 1970. **0061**
- LAND USE**
- A land use survey of the Northern State Lands of Botswana. **0081**
- A preliminary report on consultation with villagers on the Matsheng land use plan. **0960**
- A study of people's attitudes towards the Tribal Grazing Land Policy with some reference to formation of groups and general agricultural problems. Part 1. Serowe area. Part 2. Palapye area. **0461**
- Agro-pastoral production and communal land use. A socio economic study of the Bangwaketse. **0269**
- Agroclimatological information, crop requirements and agricultural zones for Botswana. **0645**
- Arable lands survey, 1978. **0096**
- Barolong farms. Geographical structures and land use policies: A need for realism. **0358**
- Botswana's agriculture in the light of Asian experience. **0234**
- Cattle husbandry in the communal areas of eastern Botswana. **0765**
- Cattle versus wildlife: Optimal use of marginal lands. **0943**
- Central District attitudinal report with reference to the agricultural problems and the Tribal Grazing Land Policy. **0400**
- Development of arable lands policy for Botswana. **0184**
- Farmers, fields and fences: Land use planning problems in the Barolong. **0214**
- Glossary of terms used in range ecology, soil conservation, soil science and land use planning. **1010**
- Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Draft final report: The Okavango Delta - its resources and development. Part 1. **0310**
- Kasane land use survey. **0269**
- Keeping an eye on TGLP. A report prepared for the National Institute of Research (NIR). **0356**
- Kweneng District First Development Area and Investigation Area (communal reserve, communal group ranch areas, commercial). Preliminary report for discussion. **0228**
- Land development, Botswana. Project findings and recommendations. **0155**
- Land use and farming in Boladu, 1950-1980. **0268**
- Land use layout plan for Agricultural Research Station, Sebele, Botswana. **0035**
- Land use planning and wildlife. **0937**
- Livestock industry development project addendum. **0101**
- Man-made vegetation changes: An example from Botswana's savanna. **1003**
- Matsheng land-use planning survey. Summary of initial survey results. **0243**
- Meeting communal needs in commercial areas: Integrated land use planning and the communal service centre concept. **0390**
- Ngamiland CFDA. Assessment of the present land use. **0206**
- Planning for development, western Kweneng District. A spatial and development plan with reference to local agricultural problems. **0227**
- Progress report, 1981/1982. **0789**
- Project memorandum. Implementation of the Matsheng land use plan. **0364**
- Republic of Botswana. Project memorandum. Services to the livestock owner in the communal areas. **0778**
- Rural settlement and land use in the Tati District, north east of Botswana. **0542**
- Soil transitions in central east Botswana (Africa). **0655**
- Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0296**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0196**

- Surveys and training for the development of water resources and agricultural production, Botswana. **0279**
- Surveys and training for the development of water resources and agricultural production, Botswana land capability classification. Part 1. For dryland farming in Botswana, Part 2. For irrigated land use in Botswana. **0291**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soil and land capability survey. **0666**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**
- Surveys and training for the development of water resources and agricultural production, Botswana. Some aspects of "traditional" and "modern" village life in Botswana: Report of an enquiry in the Shoshong area. **0514**
- Symposium on settlement. **0088**
- TGLP guidelines. **0304**
- TGLP implementation by Ministry of Agriculture. **0777**
- The 1967/68 agricultural survey. **0090**
- The evolution of a planning and development strategy for communal areas in Botswana. **0261**
- The evolution of a strategy for communal area livestock development in Botswana. Pastoralism and planning in a semi-arid environment. **0369**
- The Matsheng land use plan: A case study in settlement and agricultural development planning in Kgalagadi District. **0230**
- The operation and viability of the Second Livestock Development Project (1497-BT): selected issues. **0293**
- The report on the Botswana Government's public consultation on its policy proposals on Tribal Grazing Lands. **0791**
- The TGLP and hunter-gatherers: A case study in land politics. **0316**
- The Tribal Grazing Land Policy and integrated land use planning: A district view. **0208**
- Tribal Grazing Land Policy 1981 programme review. **0685**
- Wildlife as a resource and its impact on land use plans. **0939**
- Wildlife utilisation and integrated land use in Botswana. **0936**
- LANDSAT**
- UNDP/FAO investigation of the Okavango Delta. Final report on the consultancy on satellite remote sensing. **1006**
- LEASES**
- Criteria for zoning, allocation and leases on tribal land. **0173**
- LEATHER INDUSTRY**
- A tannery is proposed for Botswana. **0182**
- Possibilities of establishing a leather and leather processing industry in Botswana. **0311**
- LEAVES**
- Preliminary investigations of the cowpea aphid borne mosaic virus (CAMV) on cowpea in Botswana. **0752**
- LEGISLATION**
- Handbook. The tribal land act, the tribal land regulations, the subordinate land boards regulations. **0060**
- The Tribal Land Act 1968, no. 54 of 1968 as amended by the Tribal Land (Amendment) Act 1969, no. 48 of 1969. The Tribal Land Act commencement notice 1970, S.I. no. 6 of 1970. The Tribal Land regulations 1970, S.I. no. 7 of 1970. **0061**
- LEGUMES**
- Check-list of Botswana legumes. **0739**
- LEPASHA**
- Lepasha First Commercial Development Area. **0315**
- LEPTOSPIRA**
- The first isolation of *Leptospira interrogans* serovar *pomona* from cattle in Botswana. **0897**
- LEPTOSPIROSIS**
- The first isolation of *Leptospira interrogans* serovar *pomona* from cattle in Botswana. **0897**
- LIVESTOCK**
- 1978 Livestock and crop survey. **0103**
- A national trek routes policy for Botswana. **0579**
- A preliminary report on group-formation in the Regwaketse south extension area. **0796**
- An application by the Government of Botswana for a loan to finance a Second Livestock Development Project (Livestock II). **0118**
- Annual report, 1974. **0769**
- Annual report, 1975. **0770**
- Annual report, 1976. **0771**
- Basic livestock marketing information. **0589**
- Bi-annual report no. 4. **0324**
- Botswana countrywide animal and range assessment project. Progress report. **0095**
- Country report on the land tenure seminar. **0301**
- Dealing with drought and livestock in Botswana. **0827**
- Drought impacts and adaptations: Socio-economic aspects of the 1979 Kgatleng drought. **0450**
- Eighth annual report, 1980. **0774**
- Environmental constraints to livestock production. **0767**
- Evaluation of the Botswana Range Management and Development USAID Project no. 690-11-130-015. Part 2. Livestock ownership and marketing in Botswana. **0616**
- Farm management survey results, 1980 survey, 1978-80 survey comparisons. **0335**

- Farm management survey results, 1981 survey, 1978-81 survey comparisons. **0331**
- Livestock Development Project progress report 1980/1981. **0783**
- Methods of control of foot-and-mouth disease in Botswana. **0892**
- Molopo farms survey, 1977. **0328**
- Ninth annual report, 1981. **0775**
- Preliminary investigations into the marketing of crops and livestock in Botswana. **0591**
- Progress report, 1981/1982. **0789**
- Report on Botswana Livestock Development Corporation (Pty) Ltd. for the Botswana Meat Commission Board meeting, 25th January, 1976. **0803**
- Report on the agricultural marketing seminar for Botswana, Lesotho and Swaziland. **0595**
- Restructuring of the Botswana Livestock Development Corporation (Pty) Ltd. **0557**
- Rural income distribution survey - statistical models for the livestock incomes of small farmers. **0354**
- Seventh annual report, 1979. **0773**
- Sixth annual report, 1978. **0772**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**
- Surveys and training for the development of water resources and agricultural production, Botswana. A profile of cattle sales in the Shoshong area. **0613**
- Technical assistance services to livestock owners in communal areas, Botswana. Final report. **0598**
- Technical assistance services to livestock owners in communal areas, Botswana. Final report (1982 Extension). **0599**
- Tenth annual report, 1982. **0776**
- The 1969/70 agricultural survey. **0116**
- Working group meeting papers on the development of tribal land. **0167**
- LIVESTOCK CENSUS**
- Estimation of the national cattle population. **0825**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Demonstration cattle census by aerial sample count. **1005**
- Preliminary findings from the 1976 sample survey of cattle. **0248**
- Report on the Tsetsejwe livestock survey. **0810**
- The 1972 cattle sample census. **0805**
- LIVESTOCK INDUSTRY**
- A reorganization of land and cattle in Botswana. **0218**
- Analysis of Botswana Meat Commission throughput, 1973. **0583**
- Analysis of Botswana Meat Commission throughput, 1974. **0584**
- Analysis of Botswana Meat Commission throughput, 1976. **0586**
- Analysis of Botswana Meat Commission throughput, 1977. **0587**
- Analysis of the throughput of the Botswana Meat Commission, 1975. **0585**
- Annual report for the period 1st January, 1958 - 31st December, 1959. **0847**
- Annual report for the year 1945. **0839**
- Annual report for the year ended 31st December, 1951. **0848**
- Annual report for the year ended 31st December, 1952. **0849**
- Annual report for the year ended 31st December, 1955. **0850**
- Annual report for the year ended 31st December, 1956. **0851**
- Annual report for the year ended 31st December, 1957. **0852**
- Annual report of the Agricultural Division, 1944. **0012**
- Annual report of the Department of Veterinary Services, 1964. **0865**
- Annual report of the Director of the Livestock and Agricultural Services, 1947. **0840**
- Annual report of the Livestock and Agricultural Department, 1946. **0841**
- Annual report of the Veterinary Department for the year 1949. **0853**
- Annual report of the Veterinary Department for the year 1950. **0854**
- Annual report of the Veterinary Division for the year 1947. **0855**
- Annual report of the Veterinary Division, 1946. **0845**
- Annual report of the Department of Agriculture, 1937. **0020**
- Annual report of the Department of Agriculture, 1938. **0019**
- Annual report of the Department of Agriculture, 1939. **0021**
- Annual report of the Department of Agriculture, 1940. **0022**
- Annual report of the Department of Veterinary Services, 1940. **0856**
- Annual report of the Department of Agriculture, 1941. **0023**
- Annual report of the Department of Veterinary Services, 1941. **0844**
- Annual report of the Department of Agriculture, 1942. **0024**
- Annual report of the Department of Veterinary Services, 1942. **0857**
- Annual report of the Department of Agriculture, 1943. **0025**
- Annual report of the Department of Veterinary Services, 1943. **0846**
- Annual report of the Department of Livestock and Agricultural Services, 1944. **0842**
- Annual report of the Department of Livestock and Agricultural Services, 1945. **0013**
- Annual report of the Department of Livestock and Agricultural Services, 1946. **0014**
- Annual reports for the period 1st January, 1962 - 31st December, 1963. **0858**
- Annual reports for the years ended 31st December, 1960 and 1961. **0843**
- Annual reports of the Department of Animal Health, 1970/71. **0863**

- Appraisal of livestock development project, Republic of Botswana. **0799**
- Botswana's beef cattle industry since independence. **0221**
- Botswana: Cattle country. **0276**
- Cattle and the Kalahari environment. **0928**
- Conduct and development of the livestock industry legislative council paper no. 17 of 1963/64. **0059**
- Farming and herding in Botswana. **0217**
- Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**
- Livestock development policy. **0107**
- Livestock industry development project addendum. **0101**
- Popular version of the Tribal Grazing Land Policy. **0273**
- Report to the Bechuanaland Protectorate Government on the livestock industry of the Protectorate. **0286**
- Republic of Botswana. Project memorandum. Services to the livestock owner in the communal areas. **0778**
- Simultaneous expansion of livestock and game industries in the southern Kalahari. **0270**
- The herd management study. Findings and recommendations related to the development of the livestock industry in the Communal Areas. **0334**
- The Sandford report: Major recommendations. **0287**
- The Second Livestock Development Project as an integral part of the National Policy on Tribal Grazing Land. **0800**
- Transport contingency plan working document no. 4. "Cattle industry analysis". **0614**

#### LIVESTOCK MANAGEMENT

- 1977/78 Farm management survey. **0329**
- A five-year programme of integrated beef cattle and range research in Botswana 1970-1975. Part 1. Technical results. **0785**
- Annual report, 1980/81. **0779**
- Annual report, 1981/82. **0730**
- Cattle husbandry in the communal areas of eastern Botswana. **0765**
- Cattlemen's concerns. **0802**
- Integrated Farming Pilot Project (IFPP), Pcolotshetlha, Botswana. Annual report, 1980. **0327**
- Issues facing implementation of the TGLP and their implications. **0806**
- Keeping cattle and the cost of water in eastern Botswana. **0947**
- Livestock management survey results, 1982. **0792**
- Range monitoring in livestock management survey sample areas. **0803**
- Report on an investigation of unit ranch development in the mid-southern Ngwaketse area, Botswana. **0357**
- Surveys and training for the development of water resources and agricultural production, Botswana. Some aspects of "traditional" and "modern" village life in Botswana: Report of an enquiry in the Shoshong area. **0514**

- TGLP guidelines: Groups, ranch management, project memorandums.(sic). **0320**
- The communal grazing cells. Report of knowledge, attitudes, practices study in Kgatleng River villages. **0804**
- The evolution of a strategy for communal area livestock development in Botswana. Pastoralism and planning in a semi-arid environment. **0369**
- The herd management study. Findings and recommendations related to the development of the livestock industry in the Communal areas. **0334**

#### LIVESTOCK PRODUCTION SYSTEMS

- Appendix A: A study of agriculture and livestock in the Tuli Block region (background for a feasibility study of the Tuli Block roads). **0608**
- Bi-annual report no. 1. **0347**
- Bi-annual report no. 3. **0349**
- Bi-annual report no. 5. **0350**
- Central District attitudinal report with reference to the agricultural problems and the Tribal Grazing Land Policy. **0400**
- Communal area livestock and range: Research priorities. Workshop proceedings and final recommendations. **0768**
- Development of livestock, agriculture and water supplies in eastern Botswana before independence: A short history and policy analysis. **0284**
- Farmers, fields and fences: Land use planning problems in the Barolong. **0214**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**
- Livestock management survey results, 1982. **0792**
- Ncojane village area and Ncojane farms. Discussion papers. **0338**
- Pastoralists, peasants or proletarians? An analysis of the role of livestock production in the economy of Tsabong area, southern Kgalagadi. **0443**
- Population movements and settlement patterns in contemporary Botswana. **0507**
- Report on the trip to Central District on attitudes towards the Tribal Grazing Land Policy (Sefhophe, Serule, Taupye and Tsetsebjwe). **0493**
- Seminar report on socio-economic monitoring of the Tribal Grazing Land Policy. **0262**
- Socio-economic research priorities. NDP V plan period. **0102**
- Ten years of animal production and range research in Botswana. **0783**
- The system of Mafisa and the highly dependent agricultural sector. **0429**

#### LIVING STANDARDS

- A report on Basarwa living in Kang village, Kgalagadi District, Botswana. **0491**
- Modelling hunter-gatherer settlement and subsistence systems: Implications for development policy and land use planning in Botswana. **0434**

- Report on a survey of Basarwa in western Kgatleng District. **0399**
- Some sociological observations on subsistence in Mosolotshane, Central District. **0452**
- The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**
- The parameters of hunting and gathering in a multi-ethnic setting: Adaptive flexibility in southern Kalahari. **0519**
- What hunters do for a living, or, how to make out on scarce resources. **0458**
- LOANS**
- An application by the Government of Botswana for a loan to finance a Second Livestock Development Project (Livestock II). **0118**
- Ncojane village area and Ncojane farms. Discussion papers. **0338**
- On the system of Mafisa. **0427**
- Report of a survey conducted in Ngamiland on the socio-economic impact of P50 advance loan scheme and the flood relief scheme. **0467**
- LOCAL GOVERNMENT**
- Annual report for the year 1967. **0177**
- LOSILAKGOKONG**
- Report on the sociological survey of the Losilakgokong area, Kweneng District, October 1975 - January 1976. **0478**
- MACHINERY**
- Agricultural engineering and general aspects of the Botswana research and development projects. **0921**
- The 1967/68 agricultural survey. **0090**
- MAGNESIUM**
- Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0836**
- Serum inorganic phosphate, calcium and magnesium levels of cattle in Botswana. **0837**
- MAHALAPYE**
- Dairy consultancy on the feasibility of establishing a pasteurization plant in Mahalapye and matters relevant thereto. **0992**
- MANPOWER**
- Manpower and employment in Botswana. **0121**
- The 1969/70 agricultural survey. **0116**
- MANPOWER NEEDS**
- Seminar on education for rural development. **0056**
- MANPOWER PLANNING**
- Some lessons from Botswana's experience with manpower planning. **0180**
- MAPS**
- Botswana maps. **0205**
- Mapping of soil erosion from aerial photographs. **0718**
- MARAPONG**
- Conditions of agricultural change: The Marapong case. **0470**
- MARGINAL LAND**
- Cattle versus wildlife: Optimal use of marginal lands. **0943**
- MARKETING**
- A handbook of livestock statistics, 1978. **0108**
- Analysis of Botswana Meat Commission throughput, 1979. **0588**
- Annual report of the Board of Directors for the year ended 31st December, 1981. **0556**
- Annual report, 1971. **0114**
- Annual report, 1981/82. **0780**
- Basic livestock marketing information. **0589**
- Botswana as a beef exporter. **0612**
- Eighth annual report, 1982. **0554**
- Fifth annual report, 1979. **0551**
- First annual report, 1975. **0547**
- Fourth annual report, 1978. **0550**
- Livestock marketing in Botswana. **0573**
- Marketing study - Botswana Meat Commission. **0593**
- Preliminary investigations into the marketing of crops and livestock in Botswana. **0591**
- Projects for achieving regional food security. Project no. 8. Regional food marketing infrastructure. **0543**
- Report on cattle marketing in the Kang area. **0609**
- Report on the agricultural marketing seminar for Botswana, Lesotho and Swaziland. **0595**
- Report on visit to Botswana in connection with agricultural technical aid. **0281**
- Review of post-harvest technologies, Botswana. **0993**
- Rural development in Botswana. **0384**
- Second annual report, 1976. **0548**
- Seventh annual report, 1981. **0553**
- Sixth annual report, 1980. **0552**
- Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0296**
- Study of constraints, including food aid, on agriculture in the Republic of Botswana: Basic data tables. **0198**
- Surveys and training for the development of water resources and agricultural production, Botswana. A profile of cattle sales in the Shoshong area. **0613**
- The marketing of basic food crops in Botswana. **0592**
- The marketing structure of Kgatleng District. **0602**
- Third annual report, 1977. **0549**
- MARKETING BOARDS**
- Financial and economic viability of the Botswana Agricultural Marketing Board. **0600**
- Ninth annual report, 1983. **0555**
- Report and accounts for the year ended 31st December, 1964. **0544**
- Report of the Commission of Inquiry appointed by His Excellency the President to enquire into certain matters relating to the Botswana Meat Commission. **0610**
- Restructuring of the Botswana Livestock Development Corporation (Pty) Ltd. **0557**
- The Botswana Meat Commission 1982 annual report. **0575**

## **MARKETING FACILITIES**

Appendix A: A study of agriculture and livestock in the Tuli Block region (background for a feasibility study of the Tuli Block roads). **0608**

## **MARKETING POLICIES**

Handbook for managers of cooperative marketing societies in Botswana. **0607**

Report to the Government of Botswana on proposals for the improvement of crop marketing. **0596**

## **MARKETING SYSTEMS**

Evaluation of the Botswana Range Management and Development USAID Project no. 690-11-130-015. Part 2. Livestock ownership and marketing in Botswana. **0616**

Report on cattle marketing in Botswana. **0601**

Sheep and goat production and marketing problems in Botswana. **0766**

## **MARRIAGE**

A restatement of the Kgatla law of domestic relations. **0496**

## **MASS MEDIA**

An analysis of attendance and a preliminary audience profile. **0047**

Preliminary report on the public consultation on the National Policy on Tribal Grazing Land. **0178**

Report on the monitoring of a Tribal Grazing Land Policy Radio Learning Group, Manlotai, Nata River region, Central District, Republic of Botswana. **0050**

Report on the pilot project together with suggestions for the 1976 Radio Learning Group campaign on the National Policy on Tribal Grazing Land. **0043**

The campaign audience and the RLG meetings. **0046**

The costs of the campaign. **0042**

The Radio Learning Group Leaders. **0045**

The results of the baseline survey of May/June, 1976. **0054**

Tribal Grazing Land Policy pilot consultation. Lefatshe le rona. Interim evaluation report. **0086**

## **MATSHENG**

A woodlot management plan for the Matsheng villages. Village Area Development Project, Hukuntsi. **0761**

Project memorandum. Implementation of the Matsheng land use plan. **0364**

Provisional land suitability for traditional dryland farming, Matsheng, Kgalagadi District. **0193**

## **MAUN DISTRICT**

Strategies for agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun District, Botswana. **0472**

## **MEAT**

Botswana Meat Commission. **0572**

Isolation of Salmonella from meat and meat products in Botswana. **0994**

Marketing study - Botswana Meat Commission. **0593**

Report of the Commission of Inquiry appointed by His Excellency the President to enquire into certain matters relating to the Botswana Meat Commission. **0610**

## **MEAT INDUSTRY**

Botswana Meat Commission. **0572**

Botswana's beef export industry: The issue of the proposed northern abattoir. **0597**

Report and accounts for the year ended 31st December, 1964. **0544**

The Botswana Meat Commission 1982 annual report. **0575**

The livestock industry of the Bechuanaland Protectorate. Report. **0808**

## **MEAT PRODUCTION**

Botswana as a beef exporter. **0612**

The Botswana Meat Commission (BMC). **0574**

The Botswana Meat Commission 1979 annual report. **0568**

The Botswana Meat Commission 1980 annual report. **0569**

The Botswana Meat Commission 1981 annual report. **0570**

The Botswana Meat Commission. Accounts and report, 1977. **0567**

The Botswana Meat Commission. Accounts and report, 1978. **0571**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1966. **0558**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1968. **0559**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1969. **0560**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1970. **0561**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1971. **0562**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1972. **0563**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1974. **0564**

The Botswana Meat Commission. Report and accounts for the year ended 31st December, 1975. **0565**

The Botswana Meat Commission. Report and accounts, 1976. **0566**

## **MEAT PRODUCTS**

Botswana Meat Commission. **0572**

Isolation of Salmonella from meat and meat products in Botswana. **0994**

## **MEN**

The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**

- METEOROLOGY**  
 Climatic variation and its effects on agricultural production in the North East District, Botswana. **0641**  
 Landforms and climatic change in the Kalahari and Ngamiland. **0638**  
 The influence of environmental factors on arable agriculture in Botswana. **0646**
- METHODOLOGY**  
 Botswana countrywide animal and range assessment project. Methodology report. Part B. Methods. **0094**  
 Survey design, data collection, processing and analysis in the socio-economic surveys of the Shoshong area, 1969-71. **0513**
- MIGRANT LABOUR**  
 Railways, immigrants, mining and cattle: Problems of measurement in Botswana's national income accounts. **0313**  
 Recent changes in labour supply patterns to South Africa: Implications for the National Migration Survey. **0241**  
 The hut tax and migrant labour in Botswana: A case study. **0463**
- MIGRATION**  
 A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**  
 Rural-urban interdependence and agricultural development. **0448**  
 Settlement on tap: The role of water in permanent settlement at the lands. **0419**
- MILK**  
 International Scheme for the Coordination of Dairy Development, Botswana. Draft final report. **0795**  
 Milk consumption in Gaborone. **0590**
- MILK PRODUCTION**  
 International Scheme for the Coordination of Dairy Development, Botswana. Draft final report. **0795**
- MILK PRODUCTS**  
 International Scheme for the Coordination of Dairy Development, Botswana. Draft final report. **0795**  
 Milk consumption in Gaborone. **0590**
- MINING**  
 Agricultural implications of the establishment of a mine and town at Jwaneng. **0508**  
 Railways, immigrants, mining and cattle: Problems of measurement in Botswana's national income accounts. **0313**
- MIXED FARMING**  
 A note on the relationship between cattle and crop production in Mmaphashalala village, Central District. **0692**  
 Agro-pastoral production and communal land use. A socio-economic study of the Bangwaketse. **0209**  
 Farm management survey results, 1982 survey, 1978-82 survey comparisons. **0332**
- Integrated Farming Pilot Project (IFPP), Peletshetlha, Botswana. Annual report, 1980. **0327**  
 Integrated Farming Pilot Project. Farm management and statistics report, 1979/80. **0351**  
 Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0296**
- MODELS**  
 Modelling hunter-gatherer settlement and subsistence systems: Implications for development policy and land use planning in Botswana. **0434**  
 Rural income distribution survey - statistical models for the livestock incomes of small farmers. **0354**  
 The Botswana social accounts matrix in the analysis of the impact of the foot-and-mouth disease. **0212**
- MOGOBANE**  
 Mogobane dam and irrigation scheme. **0982**
- MOLOPO**  
 The history of "the colonial land" policies: The Molopo case, 1855-1966. **0297**
- MONETARY POLICIES**  
 The development of the money economy and an analysis of the monetary and financial system in the Republic of Botswana. **0249**
- MONITORING**  
 A rangeland monitoring methodology based on Landsat data. Case study in Botswana. **1004**  
 An aspect of warning systems for drought information collection in the districts. **0647**  
 Natural resource monitoring in Southern Africa. Report of a technical mission to Botswana. **1008**  
 Range management handbook for Botswana. **0624**  
 Range monitoring in livestock management survey sample areas. **0803**  
 Sociological monitoring of the Tribal Grazing Land Policy: An overview. **0436**  
 The grass percent cover correlation from different sites in northern hemisphere of Botswana. **0733**
- MOREMI**  
 Notes on the ecology of the Moremi Wildlife Reserve. **0991**
- MORTALITY**  
 Calf losses to weaning (7 months) in APRU ranches. **0801**
- MOSHU**  
 Investigations on soil at Motopi and Moshu. **0686**  
 Investigations on the soils in Motopi and Moshu. **0637**
- MOSHUPA**  
 Moshupa catchment survey. **0380**

## **MOTOPi**

- Investigations on soil at Motopi and Moshu. **0686**  
Investigations on the soils in Motopi and Moshu. **0687**

## **MUCOSAL DISEASES**

- Mucosal disease in Botswana. **0898**

## **NAMIBIA**

- Some plants used by the Bushmen in obtaining food and water. **0996**

## **NATIONAL ACCOUNTING**

- Agricultural statistics in the context of the national accounts for Botswana. **0247**  
Botswana national accounts and selected indicators, 1966-1976. **0125**  
National accounts of Botswana, 1971/72. **0126**  
National accounts of Botswana, 1973/74. **0151**  
National accounts of Botswana, 1973/74 - 1979/80. **0152**  
National accounts of Botswana, 1974/75. **0153**  
National accounts of Botswana, 1975/76. **0154**  
National accounts of Botswana, 1976/77. **0155**  
National accounts of Botswana, 1976/77. (preliminary figures including revisions for previous years). **0156**  
National accounts of Botswana, 1977/78. **0157**  
National accounts, 1968/69. **0148**  
Statistical abstract, 1970. **0138**  
Statistical abstract, 1972. **0127**

## **NATIONAL ECONOMY**

- Annual report of the Bechuanaland Protectorate for the year 1949. **0063**  
Annual report of the Bechuanaland Protectorate for the year 1952. **0064**  
Annual report of the Bechuanaland Protectorate for the year 1953. **0065**  
Annual report of the Bechuanaland Protectorate for the year 1954. **0066**  
Annual report on the Bechuanaland Protectorate for the year 1946. **0067**  
Bechuanaland Protectorate. Report for the year 1955. **0071**  
Bechuanaland Protectorate. Report for the year 1956. **0072**  
Bechuanaland Protectorate. Report for the year 1957. **0073**  
Bechuanaland Protectorate. Report for the year 1960. **0076**  
Botswana: An African growth economy. **0211**  
IFAD special programming mission to Botswana - preliminary country study. **0189**  
Statistical bulletin, December 1978. **0128**  
Statistical bulletin, December 1981. **0159**  
Statistical bulletin, June 1978. **0130**  
Statistical bulletin, June 1979. **0131**  
Statistical bulletin, June 1981. **0160**  
Statistical bulletin, March 1978. **0133**  
Statistical bulletin, March 1981. **0134**

- Statistical bulletin, March 1982. **0161**  
Statistical bulletin, March 1983. **0162**  
Statistical bulletin, September 1977. **0138**  
Statistical bulletin, September 1978. **0163**  
Statistical bulletin, September 1979. **0132**  
Statistical bulletin, September 1980. **0135**  
Statistical bulletin, September 1981. **0164**  
Statistical bulletin, September/December 1982. **0165**  
Statistical newsletter no. 4, July 1975. **C129**  
The Botswana social accounts matrix in the analysis of the impact of the foot-and-mouth disease. **0212**  
The development of the money economy and an analysis of the monetary and financial system in the Republic of Botswana. **0249**

## **NATIONAL EXPENDITURE**

- National accounts of Botswana, 1973/74. **0151**  
National accounts of Botswana, 1973/74-1979/80. **0152**  
National accounts of Botswana, 1973/74-1980/81 (preliminary figures). **0143**  
National accounts of Botswana, 1974/75. **0153**  
National accounts of Botswana, 1975/76. **0154**  
National accounts of Botswana, 1976/77. **0155**  
National accounts of Botswana, 1976/77 (preliminary figures including revisions for previous years). **0156**  
National accounts of Botswana, 1977/78. **0157**  
National accounts, 1968/69. **0148**

## **NATIONAL INCOME**

- National accounts of Botswana, 1973/74. **0151**  
National accounts of Botswana, 1973/74-1979/80. **0152**  
National accounts of Botswana, 1973/74-1980/81 (preliminary figures). **0143**  
National accounts of Botswana, 1974/75. **0153**  
National accounts of Botswana, 1975/76. **0154**  
National accounts of Botswana, 1976/77. **0155**  
National accounts of Botswana, 1976/77 (preliminary figures including revisions for previous years). **0156**  
National accounts of Botswana, 1977/78. **0157**  
National accounts, 1968/69. **0148**  
Railways, immigrants, mining and cattle: Problems of measurement in Botswana's national income accounts. **0313**

## **NATIONAL PARKS**

- A preliminary report on the number, distribution and movement of elephants in the Chobe National Park with notes on browse utilisation. **0938**  
A report on wildlife utilisation in Botswana. **0930**

- A working plan for the Gaborone wildlife reserve for the year 1977/78 to 1981/82. **0941**
- The national parks and game reserve system of Botswana. **0990**
- NATURAL RESOURCES**
- A restatement of the Kgatla law relating to land and natural resources. **0498**
- Environmental resources utilisation in communal Botswana. **0483**
- Evaluation of the natural resources available for agricultural production and development in the tropics and sub-tropics. **0299**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Draft final report: The Okavango Delta – its resources and development. Part 1. **0310**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 1. **0972**
- Kalahari cattle posts. A regional study of hunter – gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Volume 1. **0215**
- Natural resource monitoring in Southern Africa. Report of a technical mission to Botswana. **1008**
- Planning for development, western Kweneng District. A spatial and development plan with reference to local agricultural problems. **0227**
- Proceedings of the conference on sustained production from semi-arid areas with particular reference to Botswana. **0087**
- Surveys and training for the development of water resources and agricultural production, Botswana. Vegetation and grazing conditions in the Ckhanzi – Kalkfontein – Mamona – Makuna – Kuli – Nojane region. **0935**
- Symposium on the Okavango Delta. **0089**
- NATURE CONSERVATION**
- Annual report of the Agricultural Resources Board, 1980. **0922**
- Annual report of the Agricultural Resources Board, 1981. **0923**
- Cattle and the Kalahari environment. **0928**
- Land use planning and wildlife. **0937**
- Lessons for future livestock development projects in Botswana. Wildlife resources considerations. **0933**
- Preliminary final report on the central Kalahari predator research project. **0934**
- Proceedings of the AFRO workshop on rural environment and development planning in Southern Africa. **0468**
- Proceedings of the seminar on environmental conservation and ecological principles for economic development. **0096**
- Simultaneous expansion of livestock and game industries in the southern Kalahari. **0270**
- The development of wildlife management areas in Botswana. **0926**
- The Okavango controversy: A real cause for alarm. **0929**
- The utility of satellite imagery in managing the wildlife resources of Botswana. **0942**
- Traditional wildlife populations and their utilisation. **0925**
- Water and its role in nature conservation and wildlife management in Botswana. **0927**
- Wildlife as a resource and its impact on land use plans. **0939**
- Wildlife conservation in Botswana. **0924**
- NCOJANE**
- A second report on the socio-economic aspects of ranch development, Ncojane farms. Report on a survey undertaken from 3rd to 15th June, 1978. **0451**
- A socio-economic study of Botswana's attempt to commercialize cattle ranching in a tribal area: The case of the First Livestock Development Project at Ncojane. **0365**
- NGAMILAND DISTRICT**
- A study of local institutions in Ngamiland CFDA. **0401**
- Agricultural development – Ngamiland Phase I report. **0271**
- Agricultural development – Ngamiland Phase I report, 1981/82. **0336**
- Aspects of the recent history of Ngamiland. **0274**
- Draft proposals for Communal First Development Area (CFDA): Western Ngamiland production zone. **0409**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Aspects of the recent history of Ngamiland. **0275**
- Landforms and climatic change in the Kalahari and Ngamiland. **0638**
- Molapo farming development, Ngamiland. Appraisal report. **0360**
- Ngamiland district development plan, 1977–1982. **0475**
- Preliminary research report on studies among the Bayei of Ngamiland, January 1976 – April 1977. **0511**
- Report of a survey conducted in Ngamiland on the socio-economic impact of P50 advance loan scheme and the flood relief scheme. **0467**
- Report on foot-and-mouth social investigations in Ngamiland and Central Districts. **0904**
- Report on land tenure in western Ngamiland's First Communal First Development Area. **0300**
- Ticks from the African buffalo (*Syncerus caffer*) in Ngamiland, Botswana. **0874**
- NGWAKETSE**
- An outline for a pilot project to develop group ranches in the mid-southern Ngwaketse area of Botswana. **0763**
- Preliminary utilisation studies with special reference to western Ngwaketse. **0736**

Report of the Commission of Inquiry into Ngwaketse First Development Area Ranches and the government's decisions on the recommendations of the Commission. **0352**

#### **NITRATES**

A report on nitrate contamination of groundwaters in some populated areas of Botswana. **1002**

#### **NITROGEN**

Nitrogen determination in plant material Kjeldahl digests – a spectro-photometric procedure. **0737**

#### **NOMADS**

The design and management of pastoral development. Settlement as a strategy for securing land for nomads – an examination of the Botswana government's current programme of settling the Kalahari San. **0539**

#### **NOMENCLATURE**

Note on nomenclature of 'Basarwa'. **0534**

#### **NON FORMAL EDUCATION**

Women farmers and their training: An evaluation of non-formal education provided by the Botswana Ministry of Agriculture for women farmers at rural training centres. **0049**

#### **NUTRIENT CONTENT**

The nutrient composition and dietary importance of some vegetable foods eaten by the Kung Bushmen. **0998**

#### **NUTRITION**

Food and nutrition in the Bechuanaland Protectorate. **0999**

Integrated rural development planning with emphasis on nutritional basic needs for Serowe District, Botswana. **0484**

#### **NUTRITIVE VALUE**

Crop residues for animal feeding. **0830**

The nutrient composition and dietary importance of some vegetable foods eaten by the Kung Bushmen. **0998**

#### **OESTROUS SYNCHRONIZATION**

Conception rates of beef cattle in Botswana following synchronization of oestrous with cloprostenol. **0813**

#### **OIL CROPS**

Agricultural research in Botswana, 1960–68. **0621**

Report on mission to Botswana. **0623**

#### **OKAVANGO DELTA**

A future for the Okavango Delta. **0945**

Cambridge Botswana Expedition, 1980. The development of the Gomare region in the western Okavango fringe. **0395**

Ethnological survey of the peoples of the Okavango River Delta. **0428**

Investigation of the Okavango Delta as a primary water resource for Botswana. Demonstration cattle census by aerial sample count. **1005**

Investigation of the Okavango Delta as a primary water resource for Botswana. Draft final report: The Okavango Delta – its resources and development. Part 1. **0310**.

Investigation of the Okavango Delta as a primary water resource for Botswana. Hydrostatic levelling in the Okavango Delta. **0975**

Investigation of the Okavango Delta as a primary water resource for Botswana. Okavango bibliography. **0963**

Investigation of the Okavango Delta as a primary water resource for Botswana. Selected soil profile descriptions. **0649**

Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 1. **0972**

Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 2. **0953**

Investigation of the Okavango Delta as a primary water source for Botswana. Project findings and recommendations. **0954**

Investigation of the Okavango Delta as a primary water resource for Botswana. Water point and cattle distribution survey. **0946**

Research on swamp and dryland soils of the Okavango Delta. Results of agronomic trials during 1979/80. **0630**

Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 1. Mair report. **0967**

Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 2. Annex. **0968**

Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 3. Appendix 7.1. Text. **0969**

Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 4. Appendix 7.1. Schedules. **0970**

Surveys and training for the development of water resources and agricultural production, Botswana. The ecology of the Okavango swamps. **0727**

Swamp and dry land soils of the Okavango Delta. Project progress report. Preliminary comments prepared for the Okavango symposium. **0662**

Swamp and dryland soils of the Okavango. Soils of the Okavango Delta. **0668**

Symposium on the Okavango Delta. **0089**

The Okavango controversy: A real cause for alarm. **0929**

The Okavango Delta. Report on the 1951–1953 field surveys. **0952**

- The utility of satellite imagery in managing the wildlife resources of Botswana. **0342**
- U.B.S. student surveys of Okavango villages, December 1975 – August 1976. **0479**
- UNDP/FAO investigation of the Okavango Delta. Final report on the consultancy on satellite remote sensing. **1006**
- OVERGRAZING**
- A preliminary study of the distribution of Acridoidea in relation to overgrazing in Botswana. **0823**
- Cattle as a store of wealth in Swaziland: Implications for livestock development and overgrazing in eastern and southern Africa. **0408**
- OVERPOPULATION**
- Botswana's population explosion and its impact on the land. **0422**
- PASTEURIZING**
- Dairy consultancy on the feasibility of establishing a pasteurization plant in Mahalapye and matters relevant thereto. **0992**
- PASTORALISM**
- Agro-pastoral production and communal land use. A socio-economic study of the Bangwaketse. **0209**
- Cattle accumulation and the commercialization of the traditional livestock industry in Botswana. **0322**
- Cattle is wealth. A pastoral economy in a capitalist setting – a case study from Botswana. **0695**
- Closing the gap: A reevaluation of the APRU studies of cattle post and ranch productivity. **0323**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**
- Man and cattle in Africa: A study of social changes in pastoral societies in Botswana. **0701**
- Pastoralists, peasants or proletarians? An analysis of the role of livestock production in the economy of Tsabong area, southern Kgalagadi. **0443**
- Perceptions of pastoralism. **0680**
- PASTORALISTS**
- 'Sociological factors' in the commercialisation of cattle in Africa. **0375**
- The design and management of pastoral development. Settlement as a strategy for securing land for nomads – an examination of the Botswana Government's current programme of settling the Kalahari San. **0539**
- Welfare and wanderers: The organisation of social services for pastoralists. **0501**
- PASTURE ESTABLISHMENT**
- Chloris gayana* (Rhodes grass). **0720**
- PASTURES**
- Annual report of the research section for the year ending 30th September, 1969. **0028**
- Range management handbook for Botswana. **0624**
- Report on visit to Botswana in connection with agricultural technical aid. **0281**
- PEASANTRY**
- Agricultural transformation and the rise of the Kulak farmers in Kweneng, 1939–1966. **0469**
- Report to the Government of Botswana on the fertilizer demonstration and pilot credit scheme in Botswana, 1969–1975. **0658**
- PELOTSHETLHA**
- Information on the Pelotshetlha area. **0441**
- PEST CONTROL**
- Crop protection in Botswana. Biennial report, 1969–71. **0748**
- Crop protection in Botswana. Biennial report, 1971–73. **0749**
- Dryland Farming Research Scheme, Botswana. Entomological research, 1970–73. Summary report and recommendations. **0751**
- PESTS OF PLANTS**
- Dryland Farming Research Scheme, Botswana. Entomological research, 1970–73. Summary report and recommendations. **0751**
- PH**
- Investigations on the soils in Motopi and Moshu. **0687**
- Reproduction in the buffalo-cow: pH of the vaginal secretions. **0819**
- PHOSPHATES**
- A note on seasonal changes in serum inorganic phosphate levels of cattle in Botswana. **0835**
- Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0836**
- Serum inorganic phosphate, calcium and magnesium levels of cattle in Botswana. **0837**
- PHOSPHORUS**
- Blood inorganic phosphorus levels of cattle in Botswana. **0833**
- PHOTOGRAPHY**
- Mapping of soil erosion from aerial photographs **0716**
- PHYSIOGRAPHY**
- Landforms and climatic change in the Kalahari and Ngamiland. **0638**
- Some investigations on the vegetation of north-eastern part of Makarikari salt pan, Bechuanaland. **0729**
- The application of remote sensing techniques for geomorphological terrain classification and terrain feature dynamic mapping in northern Botswana. **0652**

## PILOT FARMS

Farm management studies. Sedibeng Experimental Unit Farms, six-year report, 1965/66-1970/71. **0330**

Report to the Government of Botswana on the fertilizer demonstration and pilot credit scheme in Botswana, 1969-1975. **0658**

## PILOT PROJECTS

"Baihagi" first paper. Proposed pilot live-stock marking scheme. **0794**

Consultancy to control foot-and-mouth disease in the SADCC Countries - prevention and control of cattle and other livestock diseases. Project identification report. **0883**

Integrated Farming Pilot Project in the Republic of Botswana. Overseas Development Administration review mission report. **0681**

Surveys and training for the development of water resources and agricultural production, Botswana. Soils and irrigation potential of the Mahalapye and Mogobane pilot schemes. **0981**

## PLANNING

The evolution of a planning and development strategy for communal areas in Botswana. **0261**

Wildlife as a resource and its impact on land use plans. **0939**

## PLANT ANALYSIS

Agricultural Research Station Soil and Plant Laboratory report. **0648**

Nitrogen determination in plant material Kjeldahl digests - a spectro-photometric procedure. **0737**

## PLANT BREEDING

Annual report for the Division of Arable Crops Research, 1979/80. **0675**

Annual report, 1955. **0008**

Dryland Farming Research Scheme (DLFRS), Botswana (RSR3045). Report of assessors, March 1978. **0710**

*Eragrostis curvula*. Weeping love grass. **0721**

## PLANT COVER

Soil type and vegetation correlation for determining grazing capacity with special reference to the Nata ranches. **0730**

## PLANT DISEASES

Annual report for the Division of Arable Crops Research, 1979/80. **0675**

## PLANT ECOLOGY

Check-list of Botswana legumes. **0739**

Handbook of Botswana acacias. **0745**

Some investigations on the vegetation of north-eastern part of Makarikari salt pan, Bechuanaland. **0729**

Surveys and training for the development of water resources and agricultural production, Botswana. The ecology of the Okavango swamps. **0727**

The plant ecology of southern Kalahari. **0726**

## PLANT GROWTH

Investigations on soil at Motopi and Moshu. **0688**

Investigations on the soils in Motopi and Moshu. **0687**

## PLANT PHYSIOLOGY

Dryland Farming Research Scheme (DLFRS), Botswana. Initial administrative report Phase II, July 1976 to July 1977. **0711**

Dryland Farming Research Scheme (DLFRS), Botswana. Initial annual report of Phase II, July 1975 to July 1976. **0712**

Dryland Farming Research Scheme (DLFRS), Botswana. Initial scientific report Phase II, December 1976. **0707**

Dryland Farming Research Scheme (DLFRS), Botswana. Interim scientific report Phase II, December 1977. **0670**

## PLANT POPULATION

Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0654**

## PLANT PRODUCTION

A report on the feasibility of growing jojoba (*Simmondsia chinensis*) in Botswana. **0625**

Annual report of the Agricultural Research Section, Bechuanaland Cattle Ranch, 1953/54. **0027**

Crop production in Botswana. Biennial report, 1973-75. **0622**

Land resources and crop requirements. **0294**

The measurement and utilisation of some climatic resources in agriculture. **0642**

## PLANT PROTECTION

Annual report of the research section for the year ending 30th September, 1969. **0028**

Crop protection in Botswana. Biennial report, 1969-71. **0748**

Crop protection in Botswana. Biennial report, 1971-73. **0749**

Crop protection in Botswana. Biennial report, 1973-75. **0747**

Crop protection in Botswana. Biennial report, 1975-77. **0746**

## PLANT RESOURCES

Socio-economic activity patterns and environmental resource utilisation in Kgatleng District: Some first results of a household survey. **0482**

## PLANT RESPONSE

Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0634**

Stocking rate trials. **0831**

## PLANT SPECIES

Surveys and training for the development of water resources and agricultural production, Botswana. The ecology of the Okavango swamps. **0727**

- PLANT SUCCESSION**  
Rangeland succession as illustrated from Botswana. **0724**
- PLANT TAXONOMY**  
A handbook of common grasses in Botswana. **0740**  
Handbook of Botswana acacias. **0745**  
Key to the *Stipagrostis* species of Botswana. **0741**  
*Setaria sphacelata* – golden millet. **0738**
- PLANT VIRUSES**  
Preliminary investigations of the cowpea aphid-borne mosaic virus (CAMV) on cowpea in Botswana. **0752**
- PLANTATIONS**  
Kgalagadi settlements project – sandveld plantation trials, Takatokwane. Preliminary plantation report. **0760**
- PLANTERS**  
A mechanical plough planter – fabrication guide. **0917**  
Dryland Farming Research Scheme (DLFRS), Botswana. Final scientific report of Phase II. Volume 4. Design of animal draught planters for semi-arid conditions. **0915**
- PLOUGHING**  
A strip ploughing method suggested for trial on dryland farms. **0702**  
The economics of ploughing in Botswana. **0688**  
The social organization of ploughing. **0406**
- POISONING**  
Poisoning in cattle hand-sprayed with an arsenical dip. **0910**
- POLITICAL ASPECTS**  
Bechuanaland. Report for the year 1965. **0079**
- POLLUTION**  
A report on nitrate contamination of groundwater in some populated areas of Botswana. **1002**
- POPULATION DYNAMICS**  
Notes on the pre-historic background to 1840. **0397**  
Population distribution and its implications for socio-economic development in Botswana. **0260**  
Population movements and settlement patterns in contemporary Botswana. **0507**  
Seminar on education for rural development. **0056**  
Social aspects of Kgalagari settlement. **0454**  
Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0834**
- POVERTY**  
Poverty in Botswana. **0191**  
Rural poverty in Botswana – dimensions, causes and constraints. **0404**
- PRECIPITATION**  
Farm recording scheme, 1972/73 and 1973/74 seasons. A record of farm management response to wet and dry conditions in southern Botswana. **0345**  
Maximum amount of rainfall in one day. **0644**  
The influence of environmental factors on arable agriculture in Botswana. **0646**
- PRICES**  
Statistical abstract, 1976. **0158**
- PRICING POLICIES**  
Crop pricing and protection in Botswana, 1973. **0594**
- PRODUCTION POSSIBILITIES**  
Proceedings of the conference on sustained production from semi-arid areas with particular reference to Botswana. **0087**
- PRODUCTIVITY**  
A five-year programme of integrated beef cattle and range research in Botswana 1970–1975. Part 1. Technical results. **0785**  
Beef cattle monitoring in the Western State Lands, Botswana. **0784**  
Closing the gap: A reevaluation of the APRU studies of cattle post and ranch productivity. **0323**  
Improving small ruminant productivity: Genetic resources. **0816**  
Livestock management survey results, 1982. **0792**  
National migration study. Rural-urban migration and agricultural productivity in Botswana. **0446**  
Rangeland productivity in Botswana: Productivity of semi-arid rangeland in eastern Botswana under various management practices. **0627**  
The relationship between land tenure and agricultural production in Botswana. **0232**
- PROFITABILITY**  
Financial and economic viability of the Botswana Agricultural Marketing Board. **0600**
- PROJECT APPRAISAL**  
Appraisal of livestock development project, Republic of Botswana. **0799**  
Evaluation of labour-related projects in drought relief and development. **0362**  
Integrated Farming Pilot Project in the Republic of Botswana. Overseas Development Administration review mission report. **0681**
- PROPERTY TRANSFERS**  
A restatement of the Kgatla law of succession to property. **0497**
- PROTEIN CONTENT**  
Increasing food production with emphasis on high protein foods. **0626**

## PROTEINS

Crops as a source of protein for human consumption. **0619**

## PUBLIC EXPENDITURE

National development plan, 1976/81. Part 1. Policies and objectives, Part 2. Description of public expenditure programme. **0122**

Towards budgetary independence: A review of Botswana's financial history, 1900 to 1973. **0213**

## PUBLIC HEALTH

Statistical abstract, 1979. **0145**

## QUELEA

The status of *Quelea quelea* in Botswana and recommendations for its control. A report to the Government of Botswana. **0750**

## QUOTAS

Technical assistance services to livestock owners in communal areas, Botswana. Final report. **0598**

## RADIO

Study guide for use in the public consultation program of the Tribal Grazing Land Policy, Republic of Botswana. **0057**

## RAILWAYS

Railways, immigrants, mining and cattle: Problems of measurement in Botswana's national income accounts. **0313**

## RAIN FED FARMING

A strip ploughing method suggested for trial on dryland farms. **0702**

## RANCHING

A second report on the socio-economic aspects of ranch development, Ncojane farms. Report on a survey undertaken from 3rd to 15th June, 1978. **0451**

A socio-economic study of Botswana's attempt to commercialize cattle ranching in a tribal area: The case of the First Livestock Development Project at Ncojane. **0365**

Closing the gap: A reevaluation of the APRU studies of cattle post and ranch productivity. **0323**

Lepasha River commercial ranch development: Plan proposal. **0363**

Ncojane village area and Ncojane farms. Discussion papers. **0338**

Report of the Commission of Inquiry into Ngwaketse First Development Area Raaches and the government's decisions on the recommendations of the Commission. **0352**

Report on an investigation of unit ranch development in the mid-southern Ngwaketse area, Botswana. **0357**

Report on cattle marketing in the Kang area. **0609**

TGLP guidelines: Groups, ranch management, project memorandums (sic.). **0320**

TGLP implementation by Ministry of Agriculture. **0777**

The operation and viability of the Second Livestock Development Project (1497-BT): Selected issues. **0298**

The survey of the freehold farms of Botswana. **0355**

## RANGE DEGRADATION

Environmental change in a semi-arid region.

A study of the Olifants Drift area in south eastern Botswana. **0637**

Some aspects of African ecology with special reference to Botswana. **0735**

## RANGE ECOLOGY

A report on the range ecology project, western Kalahari. **0731**

Cattle grazing and the ecology of the western Kalahari. **0732**

Evaluation of range management procedures and the range monitoring programme in Botswana. **0277**

Glossary of terms used in range ecology, soil conservation, soil science and land use planning. **1010**

Livestock production in relation to the maintenance of habitats in the Kalahari. **0624**

Some aspects of the ecology of the Kgatleng District, Botswana. Introduction of the range coefficient. **0734**

Surveys and training for the development of water resources and agricultural production. Range ecology in Botswana. **0728**

The grass percent cover correlation from different sites in northern hemisphere of Botswana. **0733**

## RANGE MANAGEMENT

A report on the range ecology project, western Kalahari. **0731**

Animal Production and Range Research Project, Botswana. Interim report. **0036**

Beef production and range management in Botswana. **0787**

Bi-annual report no. 2. **0348**

*Chloris gayana* (Rhodes grass). **0720**

Communal area livestock and range: Research priorities. Workshop proceedings and final recommendations. **0768**

Evaluation of range management procedures and the range monitoring programme in Botswana. **0277**

Livestock and range research in Botswana, 1978. **0781**

Livestock and range research in Botswana. Annual report, 1979. **0782**

Livestock production in relation to the maintenance of habitats in the Kalahari. **0624**

Molopo farms survey, 1977. **0328**

Perceptions of pastoralism. **0680**

Range management handbook for Botswana. **0624**

Range management in Botswana. **0629**

Range monitoring in livestock management survey sample areas. **0603**

- Rangeland productivity in Botswana: Productivity of semi-arid rangeland in eastern Botswana under various management practices. 0627**
- Some aspects of African ecology with special reference to Botswana. **0735**
- Some aspects of the ecology of the Kgatleng District, Botswana. Introduction of the range coefficient. **0734**
- Ten years of animal production and range research in Botswana. **0783**
- TGLP guidelines: Groups, ranch management, project memorandums (sic.). **0320**
- The evolution of a strategy for communal area livestock development in Botswana. Pastoralism and planning in a semi-arid environment. **0369**
- The management of communal grazing in Botswana. **0185**

## **RANGELANDS**

- A preliminary study of the distribution of Acridoidea in relation to overgrazing in Botswana. **0823**
- A rangeland monitoring methodology based on Landsat data. Case study in Botswana. **1004**
- Beef cattle and range research programme in Botswana, 1970-73. **0786**
- Bi-annual report no. 4. **0324**
- Botswana countrywide animal and range assessment project. Inception report. **0186**
- Botswana countrywide animal and range assessment project. Methodology report. Part A. Organisation and progress. **0093**
- Botswana countrywide animal and range assessment project. Methodology report. Part B. Methods. **0094**
- Botswana countrywide animal and range assessment project. Progress report. **0095**
- National Policy on Tribal Grazing Land. **0259**
- National Workshop on Tribal Grazing Policy. **0084**
- Preliminary utilization studies with special reference to western Ngwaketse. **0736**
- Rangeland productivity in Botswana: Productivity of semi-arid rangeland in eastern Botswana under various management practices. **0627**
- Rangeland succession as illustrated from Botswana. **0724**
- Surveys and training for the development of water resources and agricultural production, Botswana. **0279**

## **REGIONAL DEVELOPMENT**

- How Botswana could benefit from regional integration. **0290**
- Kang development plan - proposals. **0233**

## **REGIONAL PLANNING**

- Kang development plan - proposals. **0233**

## **REGULATIONS**

- Handbook. The tribal land act, the tribal land regulations, the subordinate land boards regulations. **0060**

## **REMOTE SENSING**

- A rangeland monitoring methodology based on Landsat data. Case study in Botswana. **1004**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. **1007**
- Natural resource monitoring in Southern Africa. Report of a technical mission to Botswana. **1008**
- The application of remote sensing techniques for geomorphological terrain classification and terrain feature dynamic mapping in northern Botswana. **0652**
- The utility of satellite imagery in managing the wildlife resources of Botswana. **0942**
- UNDP/FAO investigation of the Okavango Delta. Final report on the consultancy on satellite remote sensing. **1006**

## **REMUNERATION**

- Rural incomes and urban wage rates. **0229**

## **REPRODUCTION**

- Studies on reproduction in the African buffalo (*Syncerus caffer*) in Botswana. **0815**
- Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0834**

## **RESEARCH**

- A history of research among the Basarwa in Botswana. **0029**
- Agricultural cooperatives in Botswana. **0342**
- Agricultural research in Botswana, 1960-68. **0621**
- An analysis of research and extension strategies to improve cropping systems for small farms in Botswana. **0703**
- Annual report for the Division of Arable Crops Research, 1980/81. **0617**
- Annual report of the Research Section for the year ending 30th September, 1969. **0028**
- Beef cattle and range research programme in Botswana, 1970-73. **0786**
- Botswana Dryland Farming Research Scheme. Annual report for 1972/73. Engineering and general. **0919**
- Botswana research directory II: A guide to recent and current research. **0032**
- Botswana: Its agricultural research priorities and method of implementation. **0030**
- Communal area livestock and range: Research priorities. Workshop proceedings and final recommendations. **0768**
- Department of Agriculture annual report 1962/63 - year ended 30th September, 1963. **0015**
- Dryland crop production in Botswana. A review of research, 1969-74. **0672**
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- Dryland Farming Research Scheme (DLFRS), Botswana. Interim scientific report Phase II., December 1977. **0670**

- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II. Second annual report, December 1981. **0633**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase III. First annual report, 1978-80. **0671**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase III. Incoming review, March 1980. **0674**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase III. Third annual report, 1981/82. **0709**
- Dryland Farming Research Scheme (DLFRS), Botswana. Third administrative report Phase II, July 1977 to September 1978. **0708**
- Dryland Farming Research Scheme. Third annual report: Agronomy. **0673**
- Livestock and range research in Botswana, 1978. **0781**
- Livestock and range research in Botswana. Annual report, 1979. **0782**
- Preliminary discussion paper on farming systems research in Botswana. **0694**
- Proceedings of the workshop on Outlining the Botswana Research Landscape. **0038**
- Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. **0660**
- Research on Tribal Grazing Land Policy issues. **0797**
- Second annual report, 1972/73. Agronomy. **0679**
- Socio-economic research priorities. NDP V plan period. **0102**
- Sociological research and rural development policy. **0477**
- Summary report of research on Basarwa in western Ngamiland. **0529**
- Swamp and dry land soils of the Okavango Delta. Project progress report no. 7, July 1 - December 31, 1976. **0683**
- Ten years of animal production and range research in Botswana. **0783**
- The operation of beef cattle breeding research under semi-arid extensive conditions in Botswana. **0822**
- The political economy of peasant family farming: Some anthropological perspectives on rationality and adaptation. **0425**
- Weeds in Botswana. **0756**

## RESEARCH POLICIES

- A sociological research strategy for the economic transformation of African rural society: The Botswana case. **0499**
- A whodunit or "towards a research note on 'arable agriculture' in Botswana". **0034**
- Agricultural research in Botswana. **0033**
- Agricultural research proposals for consolidation and change to contribute effectively to national development goals. An incoming Director's report. **0026**
- Botswana: Its agricultural research priorities and method of implementation. **0030**

## RESEARCH PROGRAMMES

- A whodunit or "towards a research note on 'arable agriculture' in Botswana". **0034**
- Agricultural engineering and general aspects of the Botswana research and development projects. **0921**
- Agricultural research in Botswana. **0033**
- Agricultural research proposals for consolidation and change to contribute effectively to national development goals. An incoming Director's report. **0026**
- Beef cattle breeding in Botswana with particular reference to the establishment of the Ministry of Agriculture's research programme in 1970. **0821**
- Botswana research directory II: A guide to recent and current research. **0032**
- Dryland Farming Research Scheme (DLFRS), Botswana. Farming systems studies, 1977/78. **0697**
- Farming systems work in progress, 1977/78. **0676**
- Proceedings of the workshop on "Outlining the Botswana Research Landscape". **0038**

## RESEARCH STATIONS

- Dryland Farming Research Scheme (DLFRS), Botswana (RSR3045). Report of assessors, March 1978. **0710**
- Land use layout plan for Agricultural Research Station, Sebele, Botswana. **0035**

## RESOURCE DEVELOPMENT

- Resource development programme for Botswana. **0080**

## RESOURCE EXPLOITATION

- A report on wildlife utilisation in Botswana. **0930**
- A study of local institutions and resource management in the North East District CFDA. **0420**
- A study on improving EEC agricultural surplus availability to ACP countries. Some observations on food aid and concessional sales of surplus agricultural produce to the ACP. **0371**
- Cattle husbandry in the communal areas of eastern Botswana. **0765**
- Investigation of the Okavango Delta as a primary water source for Botswana. Project findings and recommendations. **0954**

## RESOURCE UTILIZATION

- Present wildlife utilisation in the Central Kalahari Game Reserve, Botswana. A report on the C.K.G.R. reconnaissance survey. **0931**
- Symposium on settlement. **0088**
- Wildlife utilisation investigation and planning in western Botswana. **0932**
- Wildlife utilisation and integrated land use in Botswana. **0936**

## RESOURCES INVENTORY

- A rangeland monitoring methodology based on Landsat data. Case study in Botswana. **1004**

- Botswana countrywide animal and range assessment project. Inception report. **0186**
- Botswana countrywide animal and range assessment project. Methodology report. Part A. Organisation and progress. **0093**
- Grazing resources in the Western State Lands, Botswana. **0988**
- Kweneng resource survey. **0190**
- Natural resource monitoring in Southern Africa. Report of a technical mission to Botswana. **1008**
- The Central and Southern State Lands, Botswana. **0987**
- ROAD TRANSPORT**
- Appendix A: A study of agriculture and livestock in the Tuli Block region (background for a feasibility study of the Tuli Block roads). **0608**
- ROLE OF WOMEN**
- Women's role in development in the Kgatleng District in Botswana: A preliminary report. **0392**
- RURAL AREAS**
- A report on the village of Bokaa. **0453**
- A socio-economic profile of Communal First Development Areas (CFDAs) in Botswana. **0372**
- Agricultural cooperatives in the Southern District Communal First Development Area. **0285**
- ALDEP employment study. Paper 2. Informal markets, technology and employment on arable lands in Botswana. **0188**
- Arable Lands Development Programme. Consultant's report on small scale rural water supplies. **0976**
- Chapter 5. Agricultural production and inequality. **0333**
- Communal First Development Areas as a strategy for rural development. **0387**
- Drought in rural Botswana: Socio-economic impact and government policy. **0520**
- Planning for agriculture in Botswana. A report on the arable lands survey. **0264**
- Planning for local institutions development in the CFDAs of Botswana. **0460**
- Report on Lepasha area survey of extra-rural sector in relation to proposed First Commercial Development Area. **0536**
- Rural class formation and ecological collapse in Botswana. **0403**
- Rural poverty in Botswana – dimensions, causes and constraints. **0404**
- Shoshong, Mosolotshane and Kodibeleng over time – a review of the socio-economic literature. **0459**
- Social and environmental impacts of agrarian reform in rural Botswana. **0474**
- Some sociological observations on subsistence in Mosolotshane, Central District. **0452**
- The rural income distribution survey in Botswana 1974/75. **0140**
- Village area development programme. A review and evaluation of an experiment in integrated rural development. **0480**
- RURAL COMMUNITIES**
- A report on the village of Bokaa. **0453**
- Annual report of the Department of Agriculture for the year 1965/66. **0017**
- Appraisal report on WFP project 323. Community development and tsetse fly control. **0490**
- Enterprise in a Tswana village: A study of the pattern of entrepreneurship in a transitional society. **0415**
- Interim report on Basarwa and related poor Bakgalagadi in Kweneng District. **0416**
- Report on a survey of Basarwa in western Kgatleng District. **0399**
- Report on the Kgatleng First Development Area and attitudes to agricultural problems with special reference to the TGLP and group formation. **0381**
- The people of the Central Kalahari Game Reserve. A report on the reconnaissance of the reserve, July–September, 1976: Sub-project (e) of LG32 Basarwa development. **0502**
- RURAL DEVELOPMENT**
- 'Laedza Batanani'. Folk media and development: A Botswana case study. **0040**
- A policy for rural development: The case of Botswana National Policy on Tribal Grazing Land. **0525**
- A report on the village of Bokaa. **0453**
- A sociological research strategy for the economic transformation of African rural society: The Botswana case. **0499**
- Annual report of the Department of Agriculture for the year 1965/66. **0017**
- Appraisal report on WFP project 323. Community development and tsetse fly control. **0490**
- Attitudes towards the F.F.H.C. dams in the Metsemolthaba. **0374**
- Bere and Ka/Gae. **0532**
- Botswana rural sector study. **0376**
- Botswana's rural economy. **0411**
- Cattle, class and the state in rural Botswana. **0485**
- Communal area development in the Kweneng. **0410**
- Communal area planning and development. **0458**
- Communal First Development Areas as a strategy for rural development. **0387**
- Development of livestock, agriculture and water supplies in eastern Botswana before independence: A short history and policy analysis. **0284**
- Development of tribal land: Report of data committee. **0174**
- Environmental resources utilisation in communal Botswana. **0483**
- Integrated rural development planning with emphasis on nutritional basic needs for Serowe District, Botswana. **0484**
- Keeping an eye on TGLP. A report prepared for the National Institute of Research (NIR). **0356**
- Livestock policy 1970/71. **0063**

**Meeting communal needs in commercial areas: Integrated land use planning and the communal service centre concept. 0390**

**Minutes of district development committee conference on National Policy on Tribal Grazing Land. 0489**

**Molapo farming development, Ngamiland. Appraisal report. 0360**

**Planning for development, Kgatleng District. A spatial and development plan with reference to local agricultural problems. 0120**

**Proceedings of the AFRO workshop on rural environment and development planning in Southern Africa. 0468**

**Proceedings of the conference on sustained production from semi-arid areas with particular reference to Botswana. 0087**

**Proceedings of the symposium on Botswana's first livestock development project and its future implications. 0798**

**Record and minutes of the 2nd national conference of district development committees held at Gaborone on the 3rd to 7th December 1973. 0388**

**Report of the remote area development workshop. 0175**

**Report on Dntlwe village, Kweneng District. 0510**

**Report on Lepasha area survey of extra-rural sector in relation to proposed First Commercial Development Area. 0536**

**Report on local institutions in five villages in the Southern District - Communal First Development Area. 0500**

**Report on rural development, July 1979. 0386**

**Rural development in Botswana. 0384**

**Rural development in Botswana. 0494**

**Rural development in Botswana - a select bibliography, 1966-1980. 0414**

**Rural development in Botswana: Administrative structures and public policy. 0486**

**Rural development in Botswana: The district administration and the creation of district development committees, 1966-1973. 0487**

**Rural development: Institutional innovation and planning for rural development. 0516**

**Seminar on education for rural development. 0056**

**Senior officer's workshop: Group formation under the Tribal Grazing Land Policy. Final report and course materials. 0476**

**Sociological research and rural development policy. 0477**

**Some agricultural data from the Shoshong Area, 1969-71. 0515**

**Strategies for agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun District, Botswana. 0472**

**Surveys and training for the development of water resources and agricultural production, Botswana. Narrowing the gap - some guidelines to the social problems of agricultural production in Botswana. 0202**

**Technology for rural development. 0471**

**The evolution of a planning and development strategy for communal areas in Botswana. 0261**

**The management of rural development in Botswana. 0457**

**The political economy of peasant family farming: Some anthropological perspectives on rationality and adaptation. 0425**

**The role of agriculture in rural development in Botswana. 0523**

**The role of tradition in rural development. 0423**

**The tenth national district development conference, Gaborone, 3-10 December, 1982. 0391**

**The TGLP and hunter-gatherers: A case study in land politics. 0316**

**The village areas development project of the Western State lands of Botswana. 0528**

**Towards a national settlement policy. 0517**

**Underdevelopment in rural Botswana. 0377**

**Village area development programme. A review and evaluation of an experiment in integrated rural development. 0480**

**Women's role in development in Botswana. 0393**

## **RURAL PLANNING**

**A preliminary report on consultation with villagers on the Matsheng land use plan. 0960**

**Annual report, 1971. 0114**

**Botswana agricultural planning project review paper. 0068**

**Botswana rural sector study. 0376**

**Communal area planning and development. 0456**

**Evaluation of the natural resources available for agricultural production and development in the tropics and sub-tropics. 0299**

**Farmers, fields and fences: Land use planning problems in the Barolong. 0214**

**Kweneng District First Development Area and Investigation Area (communal reserve, communal group ranch areas, commercial). Preliminary report for discussion. 0228**

**Planning for agricultural development in Botswana. 0318**

**Planning for local institutions development in the CFDA's of Botswana. 0460**

**Proceedings of the AFRO workshop on rural environment and development planning in Southern Africa. 0468**

**Rural development: Institutional innovation and planning for rural development. 0516**

**Socio-economic research priorities. NDP V plan period. 0102**

**Strategies for agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun District, Botswana. 0472**

**The implications of agricultural development planning for rural settlement. 0445**

The planning of settlements in relationship to agriculture in Ngamiland: A case study. **0424**

The process of agricultural development. **0305**

#### **RURAL POOR**

Meeting communal needs in commercial areas: Integrated land use planning and the communal service centre concept. **0390**

Some suggestions for monitoring and evaluation of TGLP in regard to ERDs. **0541**

#### **RURAL POPULATION**

A brief historical perspective on Bushmen in Botswana. **0531**

A report on Basarwa living in Kang village, Kgalagadi District, Botswana. **0491**

Preliminary notes on some characteristics of households and population that is settled permanently at the lands in the Kweneng District. **0505**

Report on discussions of the Tribal Land Grazing Policy, health, education and general welfare with east-central Kalahari basarwa cattle post residents. **0473**

The people of the Central Kalahari Game Reserve. A report on the reconnaissance of the reserve, July–September, 1976: Sub-project (e) of LG32 Basarwa development. **0502**

#### **RURAL SETTLEMENT**

Barolong farms. Geographical structures and land use policies: A need for realism. **0358**

Bere and Ka/Gae. **0532**

Etsha: A successful resettlement scheme. **0488**

Interim report of the Tati settlement project. **0413**

Investigation of the Okavango Delta as a primary water resource for Botswana. Settlement and resettlement in Ngamiland with particular reference to the Nxaragha Valley. **0489**

Land and chiefship in the Tati concession. **0526**

Living at the lands or the tap: A dilemma for the peasants in Botswana. **0430**

Migration and permanent settlement at the lands. **0506**

Modelling hunter-gatherer settlement and subsistence systems: Implications for development policy and land use planning in Botswana. **0434**

Notes on the origins of some settlements in the Kweneng District. **0504**

Notes on the pre-historic background to 1840. **0397**

Patterns of settlement at the lands: Family strategy in a variegated economy. **0418**

Population movements and settlement patterns in contemporary Botswana. **0507**

Rural settlement and land use in the Tati District, north east of Botswana. **0542**

Rural-urban interdependence and agricultural development. **0448**

Settlement on tap: The role of water in permanent settlement at the lands. **0419**

Settlement patterns of the Bakgalagadi. **0438**

Social aspects of Kgalagari settlement. **0454**

Strategies for agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun District, Botswana. **0472**

Symposium on settlement. **0088**

The design and management of pastoral development. Settlement as a strategy for securing land for nomads – an examination of the Botswana government's current programme of settling the Kalahari San. **0539**

The implications of agricultural development planning for rural settlement. **0445**

The Matsheng land use plan: A case study in settlement and agricultural development planning in Kgalagadi District. **0230**

The planning of settlements in relationship to agriculture in Ngamiland: A case study. **0424**

Towards a national settlement policy. **0517**

#### **RURAL SOCIOLOGY**

A sociological research strategy for the economic transformation of African rural society: The Botswana case. **0499**

A study of local institutions and resource management in the North East District CFDA. **0420**

Annual report of the Department of Agriculture for the year 1965/66. **0017**

Central District reconnaissance. Report on visits to two areas, 1–9 August, 1977. **0432**

Interim report on Basarwa and related poor Bakgalagadi in Kweneng District. **0416**

Kweneng District survey-liaison. Development report no. 1. Initial investigation survey. **0417**

Northern Kgalagadi District extra rural dwellers reconnaissance and consultation. Report 2. **0437**

On the system of Mafisa. **0427**

Report on Dutulwe village, Kweneng District. **0510**

Report on the Kgatleng First Development Area and attitudes to agricultural problems with special reference to the TGLP and group formation. **0381**

Report on the sociological survey of the Losilakgokong area, Kweneng District, October 1975–January 1976. **0478**

Report on Tsamaya village. **0449**

Report on village studies – Moshupa, Molepolole, Manyana. **0412**

Rural sociology report on Kweneng-west cattle post areas. **0382**

Short notes on survey of Bushmen resident on Ghanzi commonage. **0530**

Shoshong, Mosolotshane and Kodi-eleng over time – a review of the socio-economic literature. **0459**

Social conditions in the Shoshong area. **0512**

Sociological monitoring of the Tribal Grazing Land Policy: An overview. **0436**

- Sociological research and rural development policy. **0477**
- Some sociological observations on subsistence in Mosolotshane, Central District. **0452**
- Subsistence mobility and territorial organization among the Ganakwe of the north-eastern Central Kalahari Game Reserve, Botswana. **0398**
- The rural economy: A sociological perspective. **0396**
- Tradition, social justice and land reform in central Botswana. **0435**
- U.B.S. student surveys of Okavango villages, December 1975 – August 1976. **0479**
- Women's role in development in the Kgatleng District in Botswana: A preliminary report. **0392**
- RURAL/ URBAN MIGRATION**
- Migration and permanent settlement at the lands. **0508**
- National migration study. Rural-urban migration and agricultural productivity in Botswana. **0446**
- Recent changes in labour supply patterns to South Africa: Implications for the National Migration Survey. **0241**
- The impact of absenteeism on crop production and standard of living in two villages in Botswana. **0431**
- The impact of migration on arable agriculture: A study in eastern Botswana. **0524**
- RURAL URBAN RELATIONS**
- Rural-urban interdependence and agricultural development. **0448**
- SADCC**
- Projects for achieving regional food security. Project no. 8. Regional food marketing infrastructure. **0543**
- SALINE SOILS**
- Some investigations on the vegetation of north-eastern part of Makarikari salt pan, Bechuanaland. **0729**
- SALMONELLA**
- Isolation of Salmonella from meat and meat products in Botswana. **0994**
- SALMONELLOSIS**
- Salmonellosis in Botswana. 1. Incidence in cattle. **0902**
- SALVINIA MOLESTA**
- 1972 Botswana-South Africa survey of *Salvinia molesta* in Chobe – Linganti – Kwando river system. **0754**
- The *Salvinia molesta* problem in the northern Botswana and eastern Caprivi area. **0755**
- SAMPLING**
- Technical report on the sample design for the annual agricultural survey. **1011**
- SAND**
- A reconnaissance survey of the cover sands in the Republic of Botswana. **0985**
- Kalahari sands. **0653**
- SAVANNAS**
- Man-made vegetation changes: An example from Botswana's savanna. **1003**
- SCIENCE AND TECHNOLOGY**
- A report on the status of science and technology in Botswana and recommendations for their improvement. **0037**
- Science and technology for development in Botswana: A critical appraisal with emphasis on appropriate technology for rural development. **0244**
- SEASONS**
- A note on seasonal changes in serum inorganic phosphate levels of cattle in Botswana. **0635**
- SEBELE**
- Land use layout plan for Agricultural Research Station, Sebele, Botswana. **0035**
- SEEDS**
- Annual report for the Division of Arable Crops Research, 1979/80. **0675**
- SEISMOLOGY**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report: Seismicity tectonics and seismic hazard of the Okavango Delta. **1009**
- SEMI ARID ZONES**
- Dryland Farming Research Scheme (DLFRS), Botswana. Final scientific report of Phase II. Volume 4. Design of animal draught planters for semi-arid conditions. **0915**
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- Proceedings of the conference on sustained production from semi-arid areas with particular reference to Botswana. **0087**
- Rangeland productivity in Botswana: Productivity of semi-arid rangeland in eastern Botswana under various management practices. **0627**
- Tillage energy requirements for semi-arid crop production in Botswana. **0920**
- Water rights and land control in arid areas. **0680**
- SEROWE DISTRICT**
- Integrated rural development planning with emphasis on nutritional basic needs for Serowe District, Botswana. **0484**
- SETARIA SPHACELATA**
- Setaria sphacelata* – golden millet. **0738**
- SHEEP**
- Improving small ruminant productivity: Genetic resources. **0616**
- Livestock and range research in Botswana. Annual report, 1979. **0782**
- Sheep and goat development project Phase I, 1977–80. **0790**

- Sheep and goat production and marketing problems in Botswana. **0766**
- Ten years of animal production and range research in Botswana. **0783**
- SHOROBE**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**
- Surveys and training for the development of water resources and agricultural production, Botswana. The agro-economic conditions of Molapo cultivation in the Shorobe area. **0278**
- SHOSHONG**
- Social conditions in the Shoshong area. **0512**
- Some agricultural data from the Shoshong Area, 1969-71. **0515**
- Surveys and training for the development of water resources and agricultural production, Botswana. A profile of cattle sales in the Shoshong area. **0613**
- Surveys and training for the development of water resources and agricultural production, Botswana. Food consumption and QUAC stick measurements: Report of a survey in the Shoshong area, 1970/1971. **0997**
- Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 1. Report and maps. **0203**
- Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 2. Appendixes. **0204**
- The pattern of grazing and water utilisation - a case study of Shoshong area. **0339**
- SILVICULTURE**
- A handbook for village woodlot planning and management in Botswana. **0762**
- SIMMONDSIA CHINENSIS**
- A report on the feasibility of growing jojoba (*Simmondsia chinensis*) in Botswana. **0625**
- SKILLED LABOUR**
- Manpower and employment in Botswana. **0121**
- SLAUGHTERING**
- A handbook of livestock statistics, 1978. **0108**
- SMALL SCALE ENTERPRISES**
- Enterprise in a Tswana village: A study of the pattern of entrepreneurship in a transitional society. **0415**
- SMALL SCALE FARMING**
- 1978 Livestock and crop survey. **0103**
- Agricultural research for development of small farmers: A closer look at traditional technology. **0031**
- An analysis of research and extension strategies to improve cropping systems for small farms in Botswana. **0705**
- Barolong agriculture reconsidered: Agriculture and planning in the Southern District Communal First Development Area. **0343**
- Rural income distribution survey - statistical models for the livestock incomes of small farmers. **0354**
- Traditional versus commercial agriculture in Botswana. **0341**
- SOCIAL ANTHROPOLOGY**
- A history of research among the Basarwa in Botswana. **0029**
- Ethnological survey of the peoples of the Okavango River Delta. **0428**
- Preliminary anthropological, archaeological, and ecological investigations in the Central District of Botswana, September-December, 1975. **0440**
- Preliminary research report on studies among the Bayei of Ngamiland, January 1976 - April 1977. **0511**
- The borehole community in the Central Kalahari Game Reserve. **0442**
- The first Tswana. **0462**
- The Hambukushu of Ngamiland. **0455**
- SOCIAL CHANGE**
1. Economic and social development in Botswana, 1966-78. **0183**
- Review of socio-economic development in Botswana, 1966-1979. Report to SIDA. **0192**
- The Herero of western Botswana. Aspects of change in a group of Bantu-speaking cattle herders. **0522**
- SOCIAL CONSCIOUSNESS**
- A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Ngwaketse west, Part 2. Ngwaketse south, Part 3. Barolong farms. **0481**
- A study of attitudes to the Tribal Grazing Land Policy with special reference to group formation and general agricultural problems. Part 1. Northwest District. **0468**
- An analysis of attendance and a preliminary audience profile. **0047**
- Attitudes towards the F.F.H.C. dams in the Metsemolthaba. **0374**
- Lefatshe la rona - our land. The report of the Botswana Government's public consultation on its policy proposals on Tribal Grazing Land. **0178**
- Preliminary report on the public consultation on the National Policy on Tribal Grazing Land. **0176**
- Report on the monitoring of a Tribal Grazing Land Policy Radio Learning Group, Manlotai, Nata River region, Central District, Republic of Botswana. **0050**
- The campaign audience and the RLG meetings. **0046**
- The results of the baseline survey of May/June, 1976. **0054**

## **SOCIAL INDICATORS**

- Botswana national accounts and selected indicators, 1966-1976. **0125**  
Man and cattle in Africa: A study of social changes in pastoral societies in Botswana. **0701**  
Statistical abstract, 1970. **0138**  
Statistical abstract, 1972. **0127**

## **SOCIAL INSTITUTIONS**

- A study of local institutions and resource management in the North East District CFDA. **0420**  
A study of local institutions in Ngamiland CFDA. **0401**  
Rural development: Institutional innovation and planning for rural development. **0516**

## **SOCIAL SERVICES**

- Annual report of the Bechuanaland Protectorate for the year 1949. **0063**  
Annual report of the Bechuanaland Protectorate for the year 1952. **0064**  
Annual report of the Bechuanaland Protectorate for the year 1953. **0065**  
Annual report of the Bechuanaland Protectorate for the year 1954. **0066**  
Annual report on the Bechuanaland Protectorate for the year 1946. **0067**  
Bechuanaland Protectorate development plan 1963-1968. **0070**  
Bechuanaland Protectorate. Report for the year 1955. **0071**  
Bechuanaland Protectorate. Report for the year 1956. **0072**  
Bechuanaland Protectorate. Report for the year 1957. **0073**  
Bechuanaland Protectorate. Report for the year 1958. **0074**  
Bechuanaland Protectorate. Report for the year 1959. **0075**  
Bechuanaland Protectorate. Report for the year 1960. **0076**  
Bechuanaland Protectorate. Report for the years 1961/1962. **0077**  
Bechuanaland. Report for the year 1964. **0078**  
Country profile, Botswana. **0142**  
Meeting communal needs in commercial areas: Integrated land use planning and the communal service centre concept. **0390**  
Rural development in Botswana. **0384**  
Statistical abstract, 1975. **0139**  
Welfare and wanderers: The organisation of social services for pastoralists. **0501**

## **SOCIAL STRUCTURE**

- A report on Basarwa living in Kang village, Kgalagadi District, Botswana. **0491**  
Agricultural transformation and the rise of the Kulak farmers in Kweneng, 1939-1966. **0469**  
Cattle and inequality. A study in rural economic differentiation from southern Kgalagadi in Botswana. **0444**

Cattle, class and the state in rural Botswana. **0485**

- Country review paper of Botswana. **0198**  
Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Volume 1. **0215**  
Land and status among western Kalanga of Botswana. **0527**  
Land tenure issues in African development (a position paper). **0283**  
Patterns of settlement at the lands: Family strategy in a variegated economy. **0418**  
Report of the remote area development workshop. **0175**  
Rural class formation and ecological collapse in Botswana. **0403**  
Social conditions in the Shoshong area. **0512**  
Transitional plan for social and economic development. **0306**

## **SOCIOECONOMIC ASPECTS**

- A second report on the socio-economic aspects of ranch development, Ncojane farms. Report on a survey undertaken from 3rd to 15th June, 1978. **0451**  
A socio-economic study of Botswana's attempt to commercialize cattle ranching in a tribal area: The case of the First Livestock Development Project at Ncojane. **0365**  
Arable agriculture in Botswana: Some contributions of the traditional social formation. **0373**  
Drought impacts and adaptations: Socio-economic aspects of the 1979 Kgalang drought. **0450**  
First development area: Western commercial zone, Central District. **0533**  
Native land tenure in the Bechuanaland Protectorate. **0288**  
On socio-economic systems and technological innovations in developing countries of Africa. **0426**  
Proceedings of the AFRO workshop on rural environment and development planning in Southern Africa. **0468**  
Report of a survey conducted in Ngamiland on the socio-economic impact of P50 advance loan scheme and the flood relief scheme. **0467**  
Research on Tribal Grazing Land Policy issues. **0797**  
Socio-economic research priorities. NDP V plan period. **0102**  
Some suggestions for monitoring and evaluation of TGLP in regard to ERDs. **0541**  
Survey design, data collection, processing and analysis in the socio-economic surveys of the Shoshong area, 1969-71. **0513**  
The impact of foot-and-mouth disease on the poorer sectors of Botswana's population, with special reference to the western sandveld region of Central District. **0433**  
The implications of drought for non-village populations living in remote areas in the sandveld. **0521**

- The village areas development project of the Western State lands of Botswana. **0528**
- SOCIOECONOMIC ORGANIZATION**  
Settlement patterns of the Bakgalagadi. **0438**  
The social organization of ploughing. **0406**
- SOCIOECONOMIC SURVEYS**  
A socio-economic profile of Communal First Development Areas (CFDAs) in Botswana. **0372**  
A very preliminary summary report from a survey done in Phase I of the project "Agricultural Development - Ngamiland". National Plan no. AR C2. **0272**  
Agricultural development - Ngamiland Phase I report. **0271**  
Agricultural development - Ngamiland Phase I report, 1981/82. **0336**  
Agro-pastoral production and communal land use. A socio-economic study of the Bangwaketse. **0209**  
Bi-annual report no. 1. **0347**  
Bi-annual report no. 3. **0349**  
Central District reconnaissance. Report on visits to two areas, 1-9 August, 1977. **0432**  
Chapter 5. Agricultural production and inequality. **0333**  
Environmental science research project: Technical notes on organisation of 1979 winter fieldwork. **0344**  
Information on the Pelotshetlha area. **0441**  
Kweneng District survey-liaison. Development report no. 1. Initial investigation survey. **0417**  
Lepasha First Commercial Development Area. **0315**  
Moshupa catchment survey. **0380**  
People, cattle and drought in western Kweneng. Report on Dutiwe village. **0509**  
Preliminary notes on some characteristics of households and population that is settled permanently at the lands in the Kweneng District. **0505**  
Report of survey of first western development area, Southern District. **0537**  
Report on the sociological survey of the Losilakgokong area, Kweneng District, October 1975 - January 1976. **0478**  
Report on the sociological survey of the Tihahala area. **0492**  
Report on the survey/investigation of the Ghanzi Farm Basarwa situation. **0402**  
Report on the Tsetsejwe livestock survey. **0810**  
Report on village studies - Moshupa, Molepolole, Manyana. **0412**  
Scheme farmer surveys. **0321**  
The survey of the freehold farms of Botswana. **0355**
- SOCIOLOGICAL ASPECTS**  
'Sociological factors' in the commercialisation of cattle in Africa. **0375**  
Bechuanaland. Report for the year 1965. **0079**  
Social and environmental impacts of agrarian reform in rural Botswana. **0474**
- Social aspects of Kgalagari settlement. **0454**  
Women, migrant labour and social change in Botswana. **0394**
- SOIL ANALYSIS**  
Agricultural Research Station Soil and Plant Laboratory report. **0648**  
Investigation of the Okavango Delta as a primary water resource for Botswana. Selected soil profile descriptions. **0649**
- SOIL CLASSIFICATION**  
Irrigation in Botswana. Soil resources and soil surveys. Part 2. Okavango Region. 1. The Motopi Irrigation Scheme. **0703**  
Soil classification. **0651**  
Soil transitions in central east Botswana (Africa). **0655**  
Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**
- SOIL CONSERVATION**  
Glossary of terms used in range ecology, soil conservation, soil science and land use planning. **1010**  
Land development, Botswana. Project findings and recommendations. **0195**  
Rainfall erosivity and its use for soil loss estimation. **0717**
- SOIL FERTILITY**  
Surveys and training for the development of water resources and agricultural production, Botswana. Soil and land capability survey. **0666**
- SOIL FIXATION**  
Bokspits sand dune stabilization plot progress report 3 - December, 1979. **0714**  
Sand dune stabilization, Bokspits, Botswana. **0718**
- SOIL GENESIS**  
Soil transitions in central east Botswana (Africa). **0655**
- SOIL MANAGEMENT**  
Surveys and training for the development of water resources and agricultural production, Botswana. Soil and land capability survey. **0666**
- SOIL MORPHOLOGICAL FEATURES**  
Research on swamp and dryland soils of the Okavango Delta. Soil, water and crop production in Ngamiland. **0631**  
Soil transitions in central east Botswana (Africa). **0655**  
Some soils of northern Bechuanaland with a description of the main vegetation zones. **0661**
- SOIL PHYSICO-CHEMICAL PROPERTIES**  
Fertilizer newsletter no. 9. **0657**  
Investigations on soil at Motopi and Moshu. **0666**  
Soil transitions in central east Botswana (Africa). **0655**

- Soils of the Agricultural Research Station, Content Farm, Gaborone. **0663**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**
- Swamp and dry land soils of the Okavango Delta. Project progress report. Preliminary comments prepared for the Okavango symposium. **0662**

#### SOIL PLANT RELATIONS

- Investigation of the Okavango Delta as a primary water resource for Botswana. Selected soil profile descriptions. **0649**
- Investigations on soil at Motopi and Moshu. **0686**
- Investigations on the soils in Motopi and Moshu. **0687**
- Soil type and vegetation correlation for determining grazing capacity with special reference to the Nata ranches. **0730**

#### SOIL PROFILES

- Investigation of the Okavango Delta as a primary water resource for Botswana. Selected soil profile descriptions. **0649**
- Irrigation in Botswana. Soil resources and soil surveys. Part 2. Okavango Region. 1. The Motopi Irrigation Scheme. **0703**

#### SOIL SCIENCES

- Glossary of terms used in range ecology, soil conservation, soil science and land use planning. **1010**

#### SOIL STRUCTURE

- Surveys and training for the development of water resources and agricultural production, Botswana. Miscellaneous soil surveys. **0667**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soil and land capability survey. **0666**

#### SOIL SURVEYS

- Irrigation in Botswana. Soil resources and soil surveys. Part 2. Okavango Region. 1. The Motopi Irrigation Scheme. **0703**
- Land development, Botswana. Project findings and recommendations. **0195**
- Report on a soil survey of Content Farm. **0656**
- Surveys and training for the development of water resources and agricultural production, Botswana. Miscellaneous soil surveys. **0667**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soil survey and land classification of sandy soils at Motopi. The Motopi Irrigation Scheme. **0704**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soils and irrigation potential of the Mahalapye and Mogobane pilot schemes. **0981**

- Surveys and training for the development of water resources and agricultural production, Botswana. Soils of the Shorobe Area. **0665**

The soils of the Hukuntsi area. **0664**

#### SOIL TYPES

- Agroclimatological information, crop requirements and agricultural zones for Botswana. **0645**
- Soil transitions in central east Botswana (Africa). **0655**
- Soils of the Agricultural Research Station, Content Farm, Gaborone. **0663**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soil and land capability survey. **0666**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soil survey and land classification of sandy soils at Motopi. The Motopi Irrigation Scheme. **0704**
- Surveys and training for the development of water resources and agricultural production, Botswana. Soils and irrigation potential of the Mahalapye and Mogobane pilot schemes. **0981**
- The soils of the Hukuntsi area. **0664**

#### SOIL WATER RELATIONS

- Investigation of the Okavango Delta as a primary water resource for Botswana. Selected soil profile descriptions. **0649**

#### SOILS

- Soils of north-eastern Botswana and their suitability for dryland farming. **0669**
- Swamp and dryland soils of the Okavango. Soils of the Okavango Delta. **0668**

#### SORGHUM

- Crop production in Botswana. Biennial report 1975-1977. Part 4. Variety trials. **0618**
- Recommended plant populations for sorghum production in Botswana. **0620**

#### SORGHUM ALBUM

- Sorghum album* (Colombus grass). **0722**

#### SORGHUM BICOLOR

- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0634**

#### SOUTH AFRICA

- Recent changes in labour supply patterns to South Africa: Implications for the National Migration Survey. **0241**
- Report on the Kalahari expedition, 1945. **0961**

#### SOUTHERN AFRICA

- A system for the classification of soil erosion in the SARCCUS region. **0719**
- Consultancy to control foot-and-mouth disease in the SADCC Countries - prevention and control of cattle and other livestock diseases. Project identification report. **0683**

- Enclosing the commons in Southern Africa: An agricultural economic history. **0187**  
 How Botswana could benefit from regional integration. **0290**  
 Proceedings of the AFRO workshop on rural environment and development planning in Southern Africa. **0468**  
 Projects for achieving regional food security. Project no. 8. Regional food marketing infrastructure. **0543**  
 Proposal for consultancy to control foot-and-mouth disease – southern and eastern Africa. A. Technical proposals. B. Financial proposals. **0884**  
 Report on the agricultural marketing seminar for Botswana, Lesotho and Swaziland. **0595**
- SOWING**  
 An evaluation of improved and traditional technologies: Broadcast planting in perspective. **0698**
- SOYBEANS**  
 Crop production in Botswana. Biennial report 1975–1977. Part 4. Variety trials. **0618**
- SPACING**  
 Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0634**
- SPECTROMETRY**  
 Nitrogen determination in plant material Kjeldahl digests – a spectro-photometric procedure. **0737**
- STATISTICAL METHODS**  
 Technical report on the sample design for the annual agricultural survey. **1011**
- STATISTICS**  
 A handbook of livestock statistics, 1978. **0108**  
 Statistical abstract, 1966. **0137**  
 Statistical abstract, 1967. **0146**  
 Statistical abstract, 1968. **0166**  
 Statistical abstract, 1969. **0144**  
 Statistical abstract, 1971. **0147**  
 Statistical abstract, 1973. **0149**  
 Statistical abstract, 1974. **0150**  
 Statistical bulletin, December 1978. **0128**  
 Statistical bulletin, December 1981. **0159**  
 Statistical bulletin, June 1978. **0130**  
 Statistical bulletin, June 1979. **0131**  
 Statistical bulletin, June 1981. **0160**  
 Statistical bulletin, March 1978. **0133**  
 Statistical bulletin, March 1979. **0141**  
 Statistical bulletin, March 1981. **0134**  
 Statistical bulletin, March 1982. **0161**  
 Statistical bulletin, March 1983. **0162**  
 Statistical bulletin, September 1977. **0136**  
 Statistical bulletin, September 1978. **0163**  
 Statistical bulletin, September 1979. **0132**  
 Statistical bulletin, September 1980. **0135**  
 Statistical bulletin, September 1981. **0164**  
 Statistical bulletin, September/December 1982. **0165**
- Statistical newsletter no. 4, July 1975. **0129**  
 The 1972 cattle sample census. **0805**
- STIPAGROSTIS**  
 Key to the *Stipagrostis* species of Botswana. **0741**
- STOCKING RATE**  
 Stock limitation: Any economic alternatives for Botswana? **0220**  
 Stocking rate trials. **0631**
- STREPTOTHRIKHOSIS**  
 Bovine streptothrichosis and demodicosis in the Chobe District. **0890**  
 Senkobo disease in the Chobe District. **0903**
- SUBSIDIES**  
 Arable agriculture in Botswana: A case for subsidies. **0337**
- SUPPLEMENTARY FEEDING**  
 Inorganic phosphate, calcium and magnesium levels in the sera of Botswana cattle receiving feed additives. **0836**
- SUPPLY BALANCE**  
 Analysis of Botswana Meat Commission throughput, 1979. **0588**  
 Technical assistance services to livestock owners in communal areas, Botswana. Final report. **0598**
- SURPLUSES**  
 A study on improving EEC agricultural surplus availability to ACP countries. Some observations on food aid and concessional sales of surplus agricultural produce to the ACP. **0371**
- SURVEYS**  
 Agricultural survey, 1970/71. **0113**  
 Agricultural survey, 1972/73. **0115**  
 Bi-annual report no. 4. **0324**  
 Bi-annual report no. 5. **0250**  
 Botswana countrywide animal and range assessment project. Inception report. **0188**  
 Botswana countrywide animal and range assessment project. Methodology report. Part B. Methods. **0094**  
 Botswana countrywide animal and range assessment project. Progress report. **0095**  
 Draft proposals for Communal First Development Area (CFDA): Western Ngamiland production zone. **0409**  
 Farm management survey results, 1982 survey, 1978–82 survey comparisons. **0332**  
 Groundwater search for the extension of livestock grazing: Technical and economic appraisal of a sample problem. **0955**  
 Key to water points survey maps. **0949**  
 Matsheng land-use planning survey. Summary of initial survey results. **0243**  
 Molopo farms survey, 1977. **0328**  
 Report on Lepasha area survey of extra-rural sector in relation to proposed First Commercial Development Area. **0536**  
 The Northern State Lands, Botswana. **0906**  
 Water points survey consultancy. **0984**  
 Water use in Botswana: Policy guide and summary of the water points survey. **0984**

## SWAMPS

Investigation of the Okavango Delta as a primary water resource for Botswana. The vegetation of the seasonal swamps. **0725**

Research on the swamp and dryland soils of the Okavango Delta. Molapo development and the drought relief programme. **0660**

Surveys and training for the development of water resources and agricultural production, Botswana. The ecology of the Okavango swamps. **0727**

## SWAZILAND

Cattle as a store of wealth in Swaziland: Implications for livestock development and overgrazing in eastern and southern Africa. **0408**

Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. **1007**

## TANNERY

Tannery feasibility study in Botswana. **0236**

## TANZANIA

Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. **1007**

## TATI DISTRICT

Interim report of the Tati settlement project. **0413**

Land and chiefship in the Tati concession. **0526**

Rural settlement and land use in the Tati District, north east of Botswana. **0542**

The native land problem in the Tati District. **0289**

## TAXES

The hut tax and migrant labour in Botswana: A case study. **0463**

The taxation of income from cattle farming. **0222**

## TAXONOMY

Notes on the ticks of Botswana. **0882**

## TECHNICAL AID

Botswana rural sector study. **0376**

Report on visit to Botswana in connection with agricultural technical aid. **0281**

Republic of Botswana. Project memorandum. Services to the livestock owner in the communal areas. **0778**

## TECHNOLOGY

Agricultural research for development of small farmers: A closer look at traditional technology. **0031**

Technology for rural development. **0471**

## TECHNOLOGY TRANSFER

An assessment of the importance of institutions and institutional framework in development. **0201**

On socio-economic systems and technological innovations in developing countries of Africa. **0426**

Science and technology for development in Botswana: A critical appraisal with emphasis on appropriate technology for rural development. **0244**

## THEILERIASIS

Serological investigations on the prevalence of anaplasmosis and piroplasmosis in cattle in Botswana. **0901**

## TICKBORNE DISEASES

Control of tick-borne diseases in Botswana. **0875**

## TICKS

Notes on the ticks of Botswana. **0882**

Ticks (Acari: Ixodoidea) in Botswana. **0880**

Ticks from the African buffalo (*Syncerus caffer*) in Ngamiland, Botswana. **0874**

## TILLAGE

Dryland Farming Research Scheme (DLFRS), Botswana. Final scientific report of Phase II. Volume 1. Scheme summary and semi-arid tillage studies. **0713**

Mechanical aspects of dryland farming. Report no 1. Animal draft systems study. **0912**

Tillage energy requirements for semi-arid crop production in Botswana. **0920**

## TLHABALA

Report on the sociological survey of the Tlhabala area. **0492**

## TOURISM

A report on wildlife utilisation in Botswana. **0930**

Statistical abstract, 1975. **0139**

Statistical abstract, 1976. **0159**

Statistical abstract, 1979. **0145**

## TRACE ELEMENTS

Investigations on the soils in Motopi and Moshu. **0687**

## TRADE

Agricultural production and exchange: The case of Central District Bukalanga area c. 1890-1940. **0605**

Statistical abstract, 1975. **0139**

Statistical abstract, 1976. **0158**

Statistical abstract, 1979. **0145**

## TRADE POLICIES

Crop pricing and protection in Botswana, 1978. **0594**

## TRADITIONAL FARMING

1982 ALDEP program: Baseline data and evaluation. **0366**

Arable agriculture in Botswana: Some contributions of the traditional social formation. **0373**

Environmental science research project: Technical notes on organisation of 1979 winter fieldwork. **0344**

- Farm management survey results, 1982 survey, 1978-82 survey comparisons. **0332**
- Provisional land suitability for traditional dry-land farming, Matsheng, Kgalegadi District. **0193**
- Returns to traditional cattle keeping. **0353**
- The economics of ploughing in Botswana. **0688**
- The structure of traditional agriculture in Botswana. **0235**
- Traditional arable production practices in Botswana. **0700**
- TRADITIONAL SYSTEMS**  
Customary and modern land tenure systems in Botswana. **0242**
- TRADITIONS**  
A report on Basarwa living in Kang village, Kgalegadi District, Botswana. **0491**
- The role of tradition in rural development. **0423**
- TRAINING**  
Botswana agricultural planning project review paper. **0068**
- Livestock policy 1970/71. **0083**
- National seminar on the training of Botswana farmers held at Botswana Agricultural College. **0048**
- TRANSPORT**  
A handbook of livestock statistics, 1978. **0108**
- A national trek routes policy for Botswana. **0579**
- Analysis of Botswana Meat Commission throughput, 1979. **0588**
- Movement of cattle by road transport in Botswana. **0604**
- Recommendations to the Botswana Livestock Development Corporation for the transportation of cattle. **0615**
- Statistical abstract, 1979. **0145**
- Transport contingency plan working document no. 4. "Cattle industry analysis". **0614**
- TREES**  
The grass percent cover correlation from different sites in northern hemisphere of Botswana. **0733**
- TROPICS**  
Evaluation of the natural resources available for agricultural production and development in the tropics and sub-tropics. **0299**
- TRYPANOSOMIASIS**  
Notes on the history of sleeping sickness. **0899**
- TSAMAYA**  
Report on Tsamaya village. **0449**
- TSETSEJWE**  
Report on the Tsetsejwe livestock survey. **0810**
- TSWANA CATTLE**  
A note on the growth of beefalo crossbred calves in Botswana. **0818**
- TSWANA ETHNIC GROUP**  
The first Tswana. **0462**
- UGANDA**  
Investigation of the Okavango Delta as a primary water resource for Botswana. Consultant's report. Remote sensing in Botswana. **1007**
- UNEMPLOYMENT**  
Manpower and employment in Botswana. **0121**
- URBANIZATION**  
Agricultural implications of the establishment of a mine and town at Jwaneng. **0508**
- VACCINES**  
Production of foot-and-mouth disease vaccine, Botswana. **0871**
- VAGINAL MUCOUS**  
Reproduction in the buffalo-cow: pH of the vaginal secretions. **0819**
- VARIETY TRIALS**  
Annual report for the Division of Arable Crops Research, 1979/80. **0675**
- VEGETABLES**  
The nutrient composition and dietary importance of some vegetable foods eaten by the Kung Bushmen. **0998**
- VEGETATION**  
A reconnaissance trip through the eastern portion of the Bechuanaland Protectorate, April 1931; and an expedition to Ngamiland, June - July 1937. **0743**
- Investigation of the Okavango Delta as a primary water resource for Botswana. The vegetation of the seasonal swamps. **0725**
- Man-made vegetation changes: An example from Botswana's savanna. **1003**
- Some investigations on the vegetation of north-eastern part of Makarikari salt pan, Bechuanaland. **0729**
- VEGETATION MAP**  
Provisional vegetation map of Botswana (first revision). **0723**
- Vegetation map of south east Botswana. **0744**
- VEGETATION ZONES**  
Some soils of northern Bechuanaland with a description of the main vegetation zones. **0661**
- Vegetation map of south east Botswana. **0744**
- VELD**  
A desk study on Botswana veld products which may have commercial potential to provide baseline data for consultancy on plan no. TB 7/1/14/80-81. **0832**
- Kalahari cattle posts. A regional study of hunter-gatherers, pastoralists and agriculturalists in the western sandveld region, Central District, Botswana. Preliminary draft. Volume 2. Appendices. **0439**

Veld fires in Ngamiland west. A report of knowledge, attitudes and practices study. 0753

#### **VETERINARY SERVICES**

- A handbook of livestock statistics, 1978. 0108  
Activity report, 1975-1980. 0867  
Annual report for the period 1st January, 1958 - 31st December, 1959. 0847  
Annual report for the year 1945. 0839  
Annual report for year ended 31st December, 1951. 0848  
Annual report for the year ended 31st December, 1952. 0849  
Annual report for the year ended 31st December, 1955. 0850  
Annual report for the year ended 31st December, 1956. 0851  
Annual report for the year ended 31st December, 1957. 0852  
Annual report of the Department of Veterinary Services, 1964. 0865  
Annual report of the Director of the Livestock and Agricultural Services, 1947. 0840  
Annual report of the Veterinary Department for the year 1949. 0853  
Annual report of the Veterinary Department for the year 1950. 0854  
Annual report of the Veterinary Division for the year 1947. 0855  
Annual report of the Veterinary Division, 1946. 0845  
Annual report of the Veterinary Laboratory for 1978. 0838  
Annual report, 1940. 0856  
Annual report, 1941. 0844  
Annual report, 1942. 0857  
Annual report, 1943. 0846  
Annual report, 1944. 0842  
Annual report, 1965. 0864  
Annual report, 1973. 0860  
Annual report. 1974. 0861  
Annual reports for the period 1st January, 1962 - 31st December, 1963. 0858  
Annual reports for the years ended 31st December, 1960 and 1961. 0843  
Annual reports, 1966/1967. 0866  
Annual reports, 1968/69. 0862  
Consultancy to control foot and mouth disease in the SADCC Countries - prevention and control of cattle and other livestock diseases. Project identification report. 0883  
History of the Botswana veterinary services, 1905-1966: A note. 0868  
History of the Botswana veterinary services, 1905-66. 0869  
Promotion of the veterinary service in Botswana, 1976-1980. 0870

#### **VIGNA SINENSIS**

Crop production in Botswana. Biennial report 1975-1977. Part 4. Variety trials. 0618

#### **VIGNA UNGUICULATA**

Preliminary investigations of the cowpea aphid-borne mosaic virus (CAMV) on cowpea in Botswana. 0752

#### **VILLAGES**

- Guide to the villages of Botswana. 0385  
Livestock industry development project addendum. 0101  
Living at the lands or the tap: A dilemma for the peasants in Botswana. 0430  
Report on local institutions in five villages in the Southern District - Communal First Development Area. 0500  
Report on village studies - Moshupa, Molepolole, Manyana. 0412  
Village area development programme. A review and evaluation of an experiment in integrated rural development. 0480

#### **WATER CONSERVATION**

The introduction of rainwater catchment tanks and micro-irrigation to Botswana. 0977

#### **WATER DEVELOPMENT**

- A future for the Okavango Delta. 0945  
Arable Lands Development Programme. Consultant's report on small scale rural water supplies. 0978  
Second interim report on Basarwa development. 0378  
Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 1. Main report. 0967  
Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 2. Annex. 0968  
Water use in Botswana: Policy guide and summary of the water points survey. 0964

#### **WATER DISTRIBUTION**

Allocation of water points at the lands. 0965

#### **WATER EXTRACTION**

Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 1. Main report. 0967

#### **WATER MANAGEMENT**

- A future for the Okavango Delta. 0945  
A preliminary report on consultation with villagers on the Matsheng land use plan. 0960  
Dam groups in Botswana. 0957  
Eastern Botswana regional water study. Draft final report. 0951  
Investigation of the Okavango Delta as a primary water resource for Botswana. Draft final report: The Okavango Delta - its resources and development. Part 1. 0310  
Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 2. 0953  
Keeping cattle and the cost of water in eastern Botswana. 0947  
Preliminary findings and observations on borehole syndicates in Kgatleng District. 0979

- Report on the Kalahari expedition, 1945. **0961**
- Research on swamp and dryland soils of the Okavango Delta. Soil, water and crop production in Ngamiland. **0631**
- Surveys and training for the development of water resources and agricultural production, Botswana. An interim report on the hydrology of the Mahalapshwe River in relation to the Mahalapye township water supply. **0962**
- The Okavango controversy: A real cause for alarm. **0929**
- The water points survey. **0956**
- Water and its role in nature conservation and wildlife management in Botswana. **0927**
- Water use efficiency and watershed management. **0959**
- Water use in Botswana: Policy guide and summary of the water points survey. **0964**
- WATER REQUIREMENTS**
- Second interim report on Basarwa development. **0378**
- WATER RESOURCES**
- A drought susceptibility pilot survey in northern Botswana. Final report. **0640**
- Bechuanaland from the irrigation standpoint. **0948**
- Cattle husbandry in the communal areas of eastern Botswana. **0765**
- Eastern Botswana regional water study. Appendices. Draft. **0950**
- Eastern Botswana regional water study. Draft final report. **0951**
- Investigation of the Okavango Delta as a primary water resource for Botswana. Volume 1. **0972**
- Investigation of the Okavango Delta as a primary water source for Botswana. Project findings and recommendations. **0954**
- Key to water points survey maps. **0949**
- Pre-investment study for water development in north east Botswana. Inception report. **0966**
- Report on the Kalahari expedition, 1945. **0961**
- Sand rivers of Botswana. A reconnaissance of the major sand rivers. Volume 1. Text, tables and figures. **0973**
- Sand rivers of Botswana. A reconnaissance survey of the major sand rivers. Volume 2. Drawings. **0974**
- Socio-economic activity patterns and environmental resource utilisation in Kgatleng District: Some first results of a household survey. **0482**
- Surveys and training for the development of water resources and agricultural production, Botswana. Initial report. **0293**
- Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 1. Report and maps. **0203**
- Surveys and training for the development of water resources and agricultural production. The human, land and water resources of the Shoshong area, eastern Botswana. Vol. 2. Appendices. **0204**
- The water points survey. **0956**
- Water points survey consultancy. **0984**
- WATER SUPPLY**
- Allocation of water points at the lands. **0965**
- Arable Lands Development Programme. Consultant's report on small scale rural water supplies. **0976**
- Development of livestock, agriculture and water supplies in eastern Botswana before independence: A short history and policy analysis. **0284**
- Dryland Farming Research Scheme (DLFRS), Botswana. Phase II final scientific report. Crop physiology and climate studies, 1979. **0634**
- Keeping cattle and the cost of water in eastern Botswana. **0947**
- Pre-investment study for water development in north east Botswana. Inception report. **0966**
- Preliminary findings and observations on borehole syndicates in Kgatleng District. **0979**
- Settlement on tap: The role of water in permanent settlement at the lands. **0419**
- Surveys and training for the development of water resources and agricultural production, Botswana. An interim report on the hydrology of the Mahalapshwe River in relation to the Mahalapye township water supply. **0962**
- WATER USE**
- Dryland Farming Research Scheme (DLFRS), Botswana (RSR3045). Report of assessors, March 1978. **0710**
- Study of the use, extraction and transfer of Okavango water for development of the Okavango corridor. Final report. Volume 1. Main report. **0967**
- The pattern of grazing and water utilisation - a case study of Shoshong area. **0339**
- The water points survey. **0956**
- Water use efficiency and watershed management. **0959**
- WATERING**
- I.F.P.P. Grazing group study. **0465**
- WAX PLANTS**
- A report on the feasibility of growing jojoba (*Simmondsia chinensis*) in Botswana. **0625**
- WEATHERING**
- Soil transitions in central east Botswana (Africa). **0655**
- WEED CONTROL**
- Annual report for the Division of Arable Crops Research, 1979/80. **0675**
- The *Salvinia molesta* problem in the northern Botswana and eastern Caprivi area. **0765**
- Weeds in Botswana. **0756**

## **WEEDS**

Weeds in Botswana. **0756**

## **WELLS**

A report on nitrate contamination of groundwaters in some populated areas of Botswana. **1002**

Investigation of the Okavango Delta as a primary water resource for Botswana. Water point and cattle distribution survey. **0946**

Preliminary findings and observations on borehole syndicates in Kgatleng District. **0979**

Some economic aspects of managing land, waterpoints and arable agriculture in Botswana. **0756**

The introduction of rainwater catchment tanks and micro-irrigation to Botswana. **0977**

Water rights and land control in arid areas. **0980**

## **WILDLIFE**

A report on wildlife utilisation in Botswana. **0930**

A working plan for the Gaborone wildlife reserve for the year 1977/78 to 1981/82. **0941**

Helminthiasis in domestic and wild ruminants in Botswana - preliminary investigations. **0885**

Kutse Game Reserve, Botswana: An example of a drought-prone environment. **0940**

Lessons for future livestock development projects in Botswana. Wildlife resources considerations. **0933**

Preliminary final report on the central Kalahari predator research project. **0934**

Present wildlife utilisation in the Central Kalahari Game Reserve, Botswana. A report on the C.K.G.R. reconnaissance survey. **0931**

Some haematological values in five species of game. **0832**

Traditional wildlife populations and their utilisation. **0925**

Wildlife and animal disease control. **0900**

Wildlife utilisation investigation and planning in western Botswana. **0932**

Wildlife utilisation and integrated land use in Botswana. **0936**

## **WIND EROSION**

Swamp and dry land soils of the Okavango Delta. Effect of wind erosion on Kalahari sand soils. **0715**

## **WOMEN**

National migration study. Urban and rural female-headed households' dependence on agriculture. **0447**

Women farmers and their training: An evaluation of non-formal education provided by the Botswana Ministry of Agriculture for women farmers at rural training centres. **0049**

Women's access to agricultural extension services in Botswana. **0041**

Women's agriculture in a cattle economy. **0421**

Women's involvement in agriculture in Botswana. **0379**

Women's involvement in high risk arable agriculture: The Botswana case. **0199**

Women's role in development in Botswana. **0393**

Women, migrant labour and social change in Botswana. **0394**

## **WOODLANDS**

A handbook for village woodlot planning and management in Botswana. **0762**

## **WOODY PLANTS**

The woody plants of the Bechuanaland Protectorate. **0742**

## **ZEA MAYS**

Crop production in Botswana. Biennial report 1975-1977. Part 4. Variety trials. **0618**

## **ZOOLOGY**

Studies on the population biology of the African buffalo (*Syncerus caffer*) in Botswana. **0634**

## AUTHOR INDEX

- Aderhold, E.J. 1004  
Alverson, H. 0062, 0266, 0373  
Anderson, R.J.F. 0635  
Anschel, K.L. 0068  
Arnfast, I. 0520  
Astle, W.L. 0069, 0649, 0946  
Ayre-Smith, R.A. 0764
- Bablitch, J. 0320  
Bailey, C.R. 0765, 0947  
Baillieul, T.A. 0985  
Baker, R. 0375, 0690  
Ballantyne, A. 0681  
Banden, M.G. (ed.) 0661  
Barclay, A.H. Jr. 0376  
Barker, J.F. 0823  
Barry, D. 0377  
Bassett, J.W. 0766  
Batler, K.E. 0767  
Bax, P.N. 0873  
Beavers, D. 0321  
Beer, J.S. de 0992  
Behnke, R. 0232, 0322, 0323  
Behnke, R. (ed.) 0768  
Belien, J. 0682, 0682, 0683  
Bell, R.D. 0913  
Bendsen, H. 0206, 0660  
Bennison, R.H. 0619  
Bettles, F.M. 0041  
Bezaz, F. (ed.) 0407  
Biesele, M. 0378  
Blair-Rains, A. 0061, 0986, 0987, 0988  
Boling, M.B. 0620  
Bome, K.R. 0610  
Bond, C.A. 0379  
Boocock, C. 0650  
Boykin, C.C. 0331, 0332, 0792  
Bradley, J. 0910  
Braun, B.H. 0649, 0686, 0687, 0715  
Breton, D.A. 0615  
Breyer, J.I.E. 0652  
Brind, W.G. 0652  
Brown, B.B. 0392, 0393, 0394  
Brown, R.C. 0636  
Buck, N.G. 0813, 0818, 0820  
Buti, S. 0479
- Calkin, P.S. 0592  
Cammann, L. 0484  
Campbell, A.C. 0396, 0397, 0438, 0925, 1000  
Carmichael, I.H. 0815, 0674, 0685, 0686, 0699  
Carter, J.M. 0926  
Cashdan, E. 0398  
Caye, V.M. 0399  
Chiepe, G.K.T. 0179  
Child, G. 0927, 0991, 1000  
Childers, G. 0401, 0442
- Childers, G.W. 0402  
Church, H. (ed.) 0407  
Clark, R.W. 0068  
Classen, G.A. 0976  
Clauss, B. 0783  
Clement-Jones, D. 0503  
Cliffe, L. 0403  
Colclough, C. 0180, 0333, 0404  
Colclough, M. 0043  
Comaroff, J.L. 0181, 0343  
Condy, J.B. 0694  
Conn, M.C. 0593  
Cooke, H.J. 1001  
Cooke, J.N.H. 0637  
Cooper, A.C.D. 0832, 0833, 0686  
Copperman, J. 0405  
Cumming, V. 0758  
Cummings, R.W. Jr. 0266  
Curry, R. 0182  
Curtis, D. 0406, 0681
- Dahl, H.E. 0183  
Dalby, D. (ed.) 0407  
Darkin, H. 0794  
Davies, J.E. 0676  
Davis, R. 0930  
Dawe, E.C.S. 0668  
Devitt, P. 0185, 0334, 0407, 0528  
Doran, M.H. 0408  
Doxey, D.L. 0635, 0636, 0637  
Drager, M. von 0687, 0688  
Drager, N. 0615, 0689, 0690  
Drummond, R.B. 0729  
Duggan, W.R. 0187, 0188, 0410, 0411, 0688  
Dyson-Hudson, N. 0298
- Eakes, M.D. 0594  
Ebert, J. 0050, 0440  
Ebert, M.C. 0440  
Eding, D. 0321, 0794  
Eding, D.F. 0190, 0412  
Edwards, D. 0755  
Edzani, U. 0420  
Egner, E.B. 0191, 0192, 0413  
Ehert, R. 0901  
Eicher, S.F. 0414  
Eldridge, D.J. 0193, 0664  
Ellsworth, L. 0410  
England, R. 0019, 0020, 0021, 0022, 0023, 0024, 0025  
Esche, H.V. 0416, 0417  
Etherington, A. 0045, 0046, 0047, 0054
- Falconer, J. 0669, 0691, 0692, 0694  
Fallon, P. 0404  
Farr, J.L. 0655  
Fernando, D.N.K. 0975

Field, D.I. 0724, 0740  
Field, R.F. 0418  
Finelle, P. 0877  
Finlay, D. 0928  
Finlay, R.S. 0835, 0837  
Fisher, I.L. 0822  
Forbes, A.B. 0835, 0836, 0837  
Fortmann, L. 0199, 0419, 0420, 0421, 0956,  
0957, 0964, 0965  
Fosbrooke, H.A. 0200, 0201, 0202, 0422, 0423  
Fosbrooke, H.A. (ed.) 0203, 0204  
Foster, J.D.G. 0915  
Fox, F.W. 0999  
Fox, R.S. 0335

Gaosegelwe, P. 0271, 0272, 0336  
Geering, I.W. 0835, 0937  
Gelmroth, H. 0208, 0718  
Gemmell, B.A.P. 0958  
Gibbon, D. 0918  
Gillier, P. 0823  
Gladden, R. 0918  
Gobotswang, K. 0420  
Goetz, W. 0360  
Gofamodimo, K. 0500  
Gooch, T. 0361, 0382  
Graham, A. 1035  
Graul, M. 0360  
Greenhow, T. 0208, 0363, 0424  
Greenwood, D.J. 0425  
Grivetti, L. 0995  
Grove, A.T. 0838  
Guinet, J.J. 0892  
Gulbrandsen, O. 0209, 0210, 0426, 0427, 0796

Hall, M.L.M. 0994  
Hamilton, A.G. 0993  
Harston, C.R. 0786  
Hart-Dyke, G. 0758  
Hartland-Thunberg, P. 0211  
Harvey, J.A. 0690, 0691, 0918  
Hayden, C. 0212  
Hedger, R.S. 0694, 0695, 0696  
Heemstra, H.H. 0725  
Heinz, H.J. 0428  
Heisey, P. 0343, 0692  
Hellberg, E. 0484  
Henderson, F. 0032  
Henzel, L. 0624  
Herbert, R.F. 0659  
Hermans, Q. 0213  
Herr, S. 0897  
Hertel, T.W. 0429  
Hesselberg, J. 0430, 0431  
Higgins, K.M. 0049  
Hildebrand, K. 0484  
Hinchey, M.T. (ed.) 0839  
Hitchcock, R.K. 0029, 0050, 0214, 0215, 0216,  
0432, 0433, 0434, 0435, 0436, 0437, 0438,  
0439, 0440, 0474, 0683, 0797, 0940  
Hitchcock, R.K. (ed.) 0798  
Hjort, A. 0217  
Hogan, L. 0625  
Holzinger, T. 0218  
Homan, F.D. 0219  
Horspool, G.D. 0917

Hubbard, K. 0918  
Hubbard, M. 0220, 0221, 0597  
Hudson, D.J. 0222  
Hunter, A.G. 0898  
Hutton, L.G. 1002  
Hyde, L.W. 0203, 0204

Jackson, A.A. 1006  
Jacob, M.B. 0598, 0599  
Jeeves, A. 0944  
Jeffers, B. 0442  
Jelenic, N.E. 0759  
Jerve, A.M. 0443, 0444, 0695  
Jones, A.D. 0030  
Jones, D. 0228, 0337, 0445, 0600  
Jones, G.E. 0882  
Jones, M.J. 0959  
Jones, P.J. 0750

Kanel, D. 0283  
Kaufmann, R. von 0800  
Keebinc, D. 0500  
Kelly, W.F. 0235, 0341, 0700  
Kemp, R.L. 0408  
Kerfoot, O. 0929  
Kerven, C. 0446, 0447, 0448, 0449  
Kgathi, D.L. 0450  
Khumalo, G. 0336  
Khumalo, G.E. 0451 0960  
Kjaer-Olsen, P. 0338, 0365, 0452  
Klausen, A.L. 0191  
Koitsiwe, S.R. 0399  
Kooijman, K. 0453  
Korte, R. 0484  
Kraemer, B. 0360  
Kramer, A. 0227  
Kuper, A. 0454  
Kwelegano, M.T. 0641

Lambercht, F.L. 0699  
Landell-Mills, P.M. 0229  
Larson, T.J. 0455  
Lawry, S. 0230, 0456  
Leach, J.W. 0457  
Lebang, T. 0479  
Lebani, M.G. 0231  
Lee, P.G. 0696, 0697  
Lee, R.B. 0458, 0998  
Leistner, O.A. 0726  
Lesole, K. 0339  
Lesotlo, J. 0459  
Lethola, L.L. 0601, 0616, 0617, 0618  
Letshwiti, S. 0340  
Lever, B.G. 0051  
Lewis, J. 1002  
Lieberson, J.M. 0068  
Light, D. 0613, 0618, 0620, 1012  
Lightfoot, C. 0031  
Lightfoot, C.W.F. 0232, 0698, 0699  
Liphuko, S.D. 0233  
Lipton, M. 0234  
Litschauer, J.G. 0235, 0341, 0366, 0700  
Litzenberger, S.C. 0626  
Low, A.R.C. 0408  
Lowe, A. 0681  
Lunden, B. 0236

Mabbutt, J.A. 0989

- MacDonald, J. 0361, 0362  
 Machacha, B. 0237  
 Machacha, T.F. 0052  
 Mackenzie, L.A. 0961  
 Mafela, L. 0238  
 Magama, A. 0420  
 Maher, D. 0802  
 Makgekgenene, L. 0367  
 Makobo, A.D. 0813, 0818  
 Mannathoko, M. 0892, 0900  
 Manning, R.M. 0490  
 Manzardo, A. 0460  
 Maphanyane, S.G. 0336  
 Mares, R.G. 0994  
 Maribe, M.T. 0239  
 Marquardt, M.A. 0240  
 Martin, R.J. 0824  
 Masikara, S. 0336, 0660  
 Masisi, K. 0451  
 Mason, R.J. 0462  
 Massey, D. 0241, 0463  
 Mathuba, B.M. 0242  
 Matswe, S. 0366  
 Mazonde, I.N. 0244  
 McCarthy, S. 0333  
 McDonald, I. 0601  
 McKay, A.D. 0081, 0627, 0803, 0986  
 McLaughlin, J. 0930  
 McLennan, K.J.R. 0878  
 McNamara, J.M. 1012  
 Meare, P.R. 0619  
 Mehltz, D. 0882, 0901  
 Merafe, Y. 0262, 0336, 0368, 0464, 0485, 0486, 0467  
 Mhlanga, L. (ed.) 0468  
 Miller, A.S. 0902  
 Miller, O.B. 0742  
 Mitchell, A.J.B. 0656, 0978  
 Modimakwane, S. 0479  
 Mogaetsho, G. 0660  
 Mogome, F. 0895  
 Molapong, K.F. 0737  
 Molebatsi, C.O. 0469  
 Molefe, M.V. 0053, 0804, 0903  
 Molefe, T.L. 0752  
 Molobe, E.N. 0245  
 Monare, L. 0602  
 Moorsom, R. 0403  
 Morapedi, N.T. 0068  
 Morgan, R.G. 0342, 0401, 0603  
 Mosienyane, B.P. 0830  
 Mothusi, L.G. 0246  
 Motsemme, G.L. 0247, 0248  
 Motswogole, L. 0420  
 Mpofu, T. 0470  
 Mtetwa, J. 0701  
 Murray, M.L. 0931, 0932  
 Mutter, T. (ed.) 0471  
 Muzorewa, B.C. 0249  
  
 Narayan-Parker, D. 0343  
 Ndebele, J.J. 0472  
 Nduaguba, D.C. 1007  
 Ndzinge, I.T. 0994  
 Ngwamotsko, K.T. 0933  
 Nickerson, R.A. 0760  
 Nilsson, G.I. 0628, 0702  
  
 Nkwe, T. 0474  
 Nteta, P. 0805, 0825  
 Nthoyiwa, D.N. 0260  
 Ntseane, P. 0343, 0904  
 Nwako, A. 0032  
  
 Odell, M.J. Jr. 0054, 0227, 0261 0262, 0263, 0369, 0476, 0477, 0806, 1013  
 Odell, M.J. Jr. (ed.) 0478, 0479  
 Odell, M.L. 0263, 0264, 0369, 0480, 0807  
 Oden, B. 0265  
 Oganne, P. 0481  
 Oland, K. 0033, 0266  
 Oommen, M.A. 0267  
 Opschoor, J.B. 0239, 0268, 0344, 0450, 0482, 0483, 0602  
 Ostberg, W. 0217  
 Otzen, U. 0484  
 Owens, D.D. 0934  
 Owens, M.J. 0934  
  
 Paine, G.D. 0870, 0880  
 Park, J.S. 0825  
 Parker, C. 0756  
 Parris, R. 0270  
 Parson, J. 0485  
 Parsons, K.H. 0283  
 Patterson, L. 0815, 0834  
 Paulos, I.N. 0605  
 Peacock, J.M. 0642  
 Peiris, T.D.L. 0606  
 Peiris, T.D.L. (ed.) 0607  
 Peters, P.E. 0979  
 Picard, L.A. 0486, 0487  
 Pike, J.G. 0643, 0962  
 Pilane, J.M. 0271, 0272  
 Poel, P. van der 0644, 0717, 0718, 1010  
 Poldervaart, A. 0653  
 Pole-Evans, I.B. 0743  
 Potten, D.H. 0274, 0275, 0486, 0489, 0963  
 Poulin, R.J. 0376  
 Presswood, J. 0276  
 Price, M.R.S. 1008  
 Prince, S.D. 0277  
 Purcell, R.A. 0345, 0346, 0370  
  
 Quintana, E.U. 0203, 0204, 0278  
  
 Raditloang, W. 0500  
 Rafols, W. de 0608  
 Ralle, B. 0484  
 Ramchandani, J.C. 0490  
 Raseroka, B.H. 0826  
 Reed, J.B.H. 0835, 0836, 0837  
 Rees-Jones, H. 0351  
 Reid, N. 0491  
 Rennie, T.W. 1012  
 Rensburg, H.J. van 0203, 0204, 0279, 0629, 0727, 0728, 0935  
 Reynolds, N. 0494  
 Richter, W. von 0495, 0936, 0990  
 Riddell, J.C. 0283  
 Rimington, D.B. 0357  
 Robbel, H.W.O. 0991  
 Roberts, S. 0496, 0497, 0498  
 Roe, E. 0034, 0039, 0284, 0419, 0956, 0957, 0964, 0965  
 Rogers, A.W. 0654

Rollings, P.J. 0499  
 Roome, R.E. 0751  
 Roostee, R. 0660  
 Roper, E.R. 0610  
 Rude, A. 0285, 0500  
 Ryan, G.C. 0296

Samboma, L.M. 0355  
 Sandford, S. 0287, 0356, 0501, 0827  
 Sandys, J.A. 0357  
 Sargeant, D.R. 0203, 0204  
 Schapera, I. 0288, 0289  
 Scherburne, J. 0930  
 Scholz, C.H. 1009  
 Schulz, P.A. 0360  
 Seagrief, S.C. 0729  
 Segodi, R. 0233  
 Segokgo, M.K. 0980  
 Seidman, A. 0290  
 Seitshiro, G. 0730  
 Sekgoma, M.S.P. 0190, 0412  
 Selato, M. 0904, 0907  
 Serebolo, G. 0500  
 Seretse, L.M. 0610  
 Shalash, M.R. 0619  
 Sharma, D.N. 0035  
 Sharp, C. 0937  
 Sheehy, J.E. 0642  
 Sheller, P. 0502  
 Sheppard, C. 0503, 0520  
 Shivute, V. 0753  
 Siderius, W. 0203, 0204, 0291, 0655, 0665, 0666,  
 0667, 0703, 0704, 0981  
 Sigwele, H.K. 0336, 0705  
 Silitshena, R.M.K. 0292, 0504, 0505, 0506, 0507  
 Simpson, I.G. 0293  
 Simpson, V.R. 0908, 0909  
 Sims, D. 0294, 0508, 0645  
 Sinha, R. 0295, 0371  
 Sisler, D.G. 0296  
 Skarpe, C. 0731, 0732  
 Skinner, A.C. 1002  
 Slave, T. 0297  
 Smith, R.L. 0376  
 Smith, S.D. 0835, 0836, 0837  
 Snyder, H.W. 0378  
 Solomon Bekure 0298  
 Solway, J.S. 0509, 0510  
 Sommerlatte, M.W.L. 0828, 0938  
 Sprague, H.B. 0299  
 Spray, P.R. 0611, 0612, 0955  
 Stanley, J. 0401  
 Staps, J. 0358  
 Staring, G.J. 0630, 0631, 0660, 0668  
 Story, R. 0996  
 Straten, O.J. van 0650  
 Sutherland, A. 0300, 0511  
 Synn, C.W. 0058  
 Syson, L. 0203, 0204, 0512, 0513, 0514, 0515,  
 0613, 0997

Tacheba, G.T. 0631  
 Taylor, F.W. 0632, 0662

Temane, B.K. 0301, 0302, 0303, 0516, 0517,  
 0939  
 Thekiso, E. 0479  
 Thomas, E.G. 0203, 0204  
 Thomas, P.A. 0755  
 Timberlake, J. 0718, 0744, 0745, 1010  
 Trail, J.C.M. 0617, 0620, 0621, 0622, 1012  
 Tshosa, D. 0733  
 Tsimako, B. 0307  
 Tuttas, G.H. 0706  
 Tvedten, A.E. 0271, 0272

Uchendu, V.C. 0306  
 Udo, A.A.J. 0412  
 Upton, M. 0983

Vegten, J.A. van 0734, 0735, 0759, 1003  
 Venema, J.H. 0669  
 Ventura, A.K. 0037  
 Vierich, H. 0519, 0520, 0521, 0940  
 Vivels, F.R. 0522  
 Voorthuizen, E.G. 0736

Walker, J.B. 0682  
 Waller, D. (ed.) 0311  
 Wear, P. 0646  
 Wear, P.R. 0312, 0523  
 Webster, J.P.G. 0348  
 Weedon, R. 0313  
 Wees, C.M.L. van der 0524  
 Wehmeyer, A.S. 0998  
 Weimer, B. (ed.) 0038, 0468, 0525  
 Weisel, P.F. 0376  
 Wellington, G. 0611  
 Werbner, R.P. 0526, 0527  
 Wheeler, J.R. 0376  
 White, R. 0761, 0762, 0941  
 Whiteman, N.T.S. 0619  
 Whiting, M. 0996  
 Wik, M. 0528  
 Wikan, G. 0431  
 Wikner, T. 0973, 0974  
 Willcocks, T.J. 0713, 0920, 0921  
 Willett, A.E.J. 0314  
 Williams, R.E. 0975  
 Williams, T. 0212  
 Williamson, D.T. 0942, 0943  
 Williamson, J.E. 0943  
 Wilmsen, E.N. 0529  
 Willy, E. 0315, 0316, 0530, 0531, 0532, 0533,  
 0534, 0535, 0536, 0537, 0538, 0539, 0540,  
 0541, 0647  
 Winnen, G.M. 0697  
 Wote, T. 0420  
 Woto, A.P.S. 0542  
 Wright, J.D. 0635, 0637  
 Wynn, S. 0317

Yalala, A.M. 0967, 0968  
 York-Smith, M. 0517  
 Youthed, S.H. 0318  
 Ystgaard, O. 0313

Zufferey, F.A.S. 0319  
 Zumer-Linder, M. 0528

## CORPORATE AUTHOR INDEX

- Aarhus Univ. (Denmark) **0338, 0365, 0452**
- African Bibliographic Center, Washington, D.C. (USA) **0414**
- African Wildlife Leadership Foundation, Washington, D.C. (USA) **0930**
- Agrar- und Hydrotechnik GMBH, Essen (Germany, F.R.) **0883, 0984**
- Agricultural Research Station, Gaborone (Botswana) **0617, 0618, 0633, 0634, 0648, 0670, 0671, 0672, 0673, 0674, 0675, 0676, 0677, 0678, 0679, 0690, 0691, 0696, 0697, 0699, 0707, 0708, 0709, 0711, 0712, 0713, 0740, 0749, 0912, 0915, 0916, 0918**
- Agricultural Resources Board, Gaborone (Botswana) **0922, 0923**
- AGRODEV Canada Inc., Ottawa **0543**
- Bechuanaland Protectorate Abattoirs Ltd., Lobatse **0544, 0545, 0546**
- Bechuanaland Protectorate. Department of Agriculture **0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011, 0019, 0020, 0021, 0022, 0023, 0024, 0025**
- Bechuanaland Protectorate. Department of Livestock and Agricultural Services **0012, 0013, 0014, 0839, 0840, 0841**
- Bechuanaland Protectorate. Department of Livestock and Agricultural Services. Veterinary Div. **0842**
- Bechuanaland Protectorate. Department of Veterinary Services **0843, 0844, 0845, 0846, 0847, 0848, 0849, 0850, 0851, 0852, 0853, 0854, 0855, 0856, 0857, 0858**
- Bechuanaland Protectorate. Legislative Council **0059**
- Bergen Univ. (Norway) **0209**
- Betchel Corp., Los Angeles, Calif. (USA) **0080**
- Boston Univ., Mass. (USA) **0392**
- Boston Univ., Mass. (USA). African Studies Center **0394**
- Botswana Agricultural Coll., Gaborone **0083, 0084**
- Botswana Agricultural Marketing Board, Gaborone **0547, 0548, 0549, 0550, 0551, 0552, 0553, 0554, 0555**
- Botswana Cooperative Union Ltd., Gaborone **0556**
- Botswana Extension Coll., Gaborone **0453**
- Botswana Extension Coll., Gaborone. Evaluation Unit **0046, 0047, 0054, 0086**
- Botswana Livestock Development Corp. (Pty) Ltd., Gaborone **0557, 0769, 0770, 0771, 0772, 0773, 0774, 0775, 0776**
- Botswana Meat Commission, Lobatse **0558, 0559, 0560, 0561, 0562, 0563, 0564, 0565, 0566, 0567, 0568, 0569, 0570, 0571, 0572, 0573, 0574, 0575**
- Botswana Society, Gaborone **0087, 0088, 0089, 0824**
- Botswana. Department of Agriculture **0015, 0016, 0017, 0018, 0028, 0090, 0312, 0619**
- Botswana. Department of Agriculture and Field Services. Integrated Farming Pilot Project **0465**
- Botswana. Department of Animal Health **0859, 0860, 0861, 0862, 0863**
- Botswana. Department of Cooperative Development **0091**
- Botswana. Department of Information and Broadcasting. Publications Section **0092**
- Botswana. Department of Veterinary Services **0864, 0865**
- Botswana. Department of Veterinary Services and Tsetse Control **0866**
- Botswana. Department of Wildlife, National Parks and Tourism **0093, 0094, 0095, 0096, 0186, 0828, 0834, 0924, 0931, 0932, 0934, 0936, 0941, 0990, 0991**
- Botswana. Ministry of Agriculture **0097, 0098, 0099, 0100, 0101, 0102, 0188, 0199, 0214, 0284, 0298, 0324, 0325, 0334, 0345, 0346, 0370, 0392, 0513, 0578, 0577, 0578, 0579, 0580, 0581, 0582, 0594, 0600, 0601, 0606, 0657, 0689, 0696, 0720, 0723, 0740, 0745, 0777, 0778, 0793, 0803, 0806, 0811, 0812, 0825, 0884, 0917, 0947, 0949, 0956, 0964, 0976, 0981**
- Botswana. Ministry of Agriculture. Agricultural Information Service **0914**
- Botswana. Ministry of Agriculture. Agricultural Management Associations **0314, 0326**

- Botswana. Ministry of Agriculture. Agricultural Statistics Unit **0103, 0104, 0105, 0248, 1011**
- Botswana. Ministry of Agriculture. ALDEP Monitoring Unit **0106, 0366**
- Botswana. Ministry of Agriculture. Animal Production Div. **0107, 0108, 0231, 0355, 0583, 0584, 0585, 0586, 0587, 0588, 0778, 0780**
- Botswana. Ministry of Agriculture. Animal Production Research Unit **0781, 0782, 0783, 0784, 0785, 0786, 0787, 0822, 0829, 1012**
- Botswana. Ministry of Agriculture. Communal Area Research Group **0768**
- Botswana. Ministry of Agriculture. Dept. of Agricultural Field Services **0109, 0110, 0111, 0112, 0327, 0351**
- Botswana. Ministry of Agriculture. Dept. of Agricultural Research **0266, 0271, 0272, 0336, 0621, 0622, 0663, 0684, 0748, 0747**
- Botswana. Ministry of Agriculture. Dept. of Animal Health and Tsetse Control **0867**
- Botswana. Ministry of Agriculture. Div. of Crops and Pastures **0721, 0722, 0738**
- Botswana. Ministry of Agriculture. Div. of Land Utilization **0328, 0508, 0624, 0644, 0645, 0651, 0716, 0717, 0718, 0730, 0744, 1010**
- Botswana. Ministry of Agriculture. Div. of Planning and Statistics **0113, 0114, 0115, 0116, 0117, 0235, 0264, 0329, 0330, 0331, 0332, 0335, 0341, 0380, 0589, 0590, 0591, 0700, 0782**
- Botswana. Ministry of Agriculture. Evaluation and Action Research Unit **0753, 0804, 0907**
- Botswana. Ministry of Agriculture. Livestock Development Project Coordinating Unit **0788, 0789**
- Botswana. Ministry of Agriculture. Livestock Development Project Preparation Team **0118**
- Botswana. Ministry of Agriculture. Planning and Statistics Unit **0119**
- Botswana. Ministry of Agriculture. Rural Sociology Unit **0054, 0120, 0209, 0227, 0262, 0317, 0319, 0338, 0343, 0381, 0382, 0393, 0421, 0429, 0436, 0446, 0447, 0449, 0451, 0452, 0459, 0464, 0465, 0466, 0467, 0476, 0477, 0478, 0479, 0481, 0503, 0509, 0510, 0520, 0685, 0904**
- Botswana. Ministry of Agriculture. Small Stock Unit **0790**
- Botswana. Ministry of Agriculture. Women's Extension Unit **0041**
- Botswana. Ministry of Finance and Development Planning **0121, 0122, 0123, 0124, 0361, 0362, 0383, 0384**
- Botswana. Ministry of Finance and Development Planning. Central Statistics Office **0103, 0104, 0105, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0385, 0446, 0447**
- Botswana. Ministry of Finance and Development Planning. Rural Development Unit **0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0386, 0387**
- Botswana. Ministry of Local Government and Lands **0042, 0043, 0045, 0175, 0176, 0177, 0178, 0206, 0215, 0301, 0303, 0388, 0389, 0390, 0391, 0439, 0537, 0647, 0791, 0939, 0965**
- Botswana. Ministry of Local Government and Lands. Applied Research Unit **0210, 0285, 0300, 0343, 0401, 0410, 0420, 0460, 0500**
- Botswana. Ministry of Local Government and Lands. Lands Div. **0237**
- Botswana. Ministry of Mineral Resources and Water Affairs **0950, 0951**
- Botswana. Ministry of Mineral Resources and Water Affairs. Dept. of Geological Survey **0955, 1002**
- Botswana. Ministry of Mineral Resources and Water Affairs. Dept. of Water Affairs **0973, 0974**
- California State Univ., Humboldt (USA) **0942**
- CEC, Brussels (Belgium). European Development Fund **0093, 0094, 0095, 0186**
- Centre for Tropical Veterinary Medicine, Edinburgh (UK) **0680**
- Christian Michelsens Inst., Bergen (Norway). Development Research and Action Programme **0444, 0695**
- Columbia Univ., New York (USA). Graduate School of Arts and Sciences **0187**
- Columbia Univ., Palisades, N.Y. (USA). Lamont-Doherty Geological Observatory **1009**
- Committee to Review Community Development, Gaborone (Botswana) **0044**
- Commonwealth Development Corp., Johannesburg (South Africa) **0357**
- Commonwealth Secretariat, London (UK) **0371**
- Commonwealth Secretariat, London (UK). Food Production and Rural Development Div. **0295**
- Cornell Univ., Ithaca, N.Y. (USA). Center for International Studies **0421, 0956**
- Cornell Univ., Ithaca, N.Y. (USA). Faculty of the Graduate School **0785, 1004**

- Cornell Univ., Ithaca, N.Y. (USA). Rural Development Committee **0284, 0425**
- Development Alternatives, Inc., Washington, D.C. (USA) **0376**
- DHV Consulting Engineers, Amersfoort (Netherlands) **0095, 0186**
- Directorate of Overseas Surveys, Surbiton, Surrey (UK). Land Resources Div. **0081**
- District Administration, Malepolole (Botswana) **0227**
- East Anglia Univ. (UK). Overseas Development Group **0189**
- FAO, Gaborone (Botswana) **0036, 0069, 0195, 0202, 0203, 0204, 0275, 0277, 0278, 0279, 0291, 0293, 0310, 0489, 0513, 0514, 0595, 0613, 0630, 0631, 0643, 0649, 0657, 0660, 0662, 0665, 0666, 0667, 0668, 0682, 0689, 0704, 0715, 0725, 0727, 0728, 0828, 0936, 0946, 0953, 0954, 0958, 0962, 0963, 0972, 0975, 0981, 0990, 0997, 1005, 1007, 1009**
- FAO, Rome (Italy) **0048, 0196, 0197, 0198, 0359, 0592, 0596, 0658, 0683, 0795, 0877**
- France. Ministère des Affaires Etrangères **0623**
- Francistown Teacher Training Coll. (Botswana) **0205**
- Free Univ., Amsterdam (Netherlands) **0524**
- German Agency for Technical Cooperation, Eschborn (Germany, F.R.) **0360, 0870, 0882**
- German Development Inst., Berlin (Germany, F.R.) **0311, 0484**
- IBRD, Nairobi (Kenya). Eastern Africa Regional Office **0223**
- IBRD, Washington, D.C. (USA) **0799**
- IBRD, Washington, D.C. (USA). Eastern Africa Dept. **0224**
- ICRISAT, Patancheru, A.P. (India) **0035, 0694**
- IFAD, Gaborone (Botswana) **0225**
- JITA, Ibadan (Nigeria) **0920**
- ILCA, Addis Ababa (Ethiopia) **0768**
- ILCA, Gaborone (Botswana) **0465**
- Institut de Recherche pour les Huiles et Oleagineux, Paris (France) **0623**
- Institute of Development Management, Botswana, Lesotho and Swaziland, Gaborone (Botswana) **0062, 0098, 0182, 0234, 0264, 0982**
- Institute of Food and Science Technology, Nairobi (Kenya) **0030**
- Intermediate Technology Development Group Ltd., London (UK) **0977**
- International African Inst., London (UK) **0407**
- International Inst. for Aerial Survey and Earth Sciences, Enschede (Netherlands) **0640, 0652**
- Kgalagadi District Council, Tsabong (Botswana) **0233, 0364**
- Kgatlang District Administration, Mochudi (Botswana). District Council and Land Board **0120**
- Leeds Univ. (UK). School of Economic Studies **0249**
- Michigan State Univ., East Lansing (USA). Dept. of Agricultural Economics **0705**
- National Botanic Gardens of South Africa, Kirstenbosch, Newlands **0742**
- National Development Bank, Gaborone (Botswana) **0250, 0251, 0252, 0253, 0254, 0255, 0256, 0257, 0258**
- National Inst. of Agricultural Engineering, Silsoe, Bedford (UK). Overseas Dept. **0913**
- New Mexico Univ., Albuquerque (USA). Kalahari Project **0473**
- North West District Council, Maun (Botswana) **0401**
- North West District Council, Maun (Botswana). Ngamiland District Development Committee **0475**
- OIE, Paris (France) **0879**
- Organization for Economic Cooperation and Development, Paris (France) **0426**
- Overseas Development Administration, Surbiton, Surrey (UK) **0269, 0751, 0919**
- Overseas Development Administration, Surbiton, Surrey (UK). Land Resources Div. **0987, 0988**
- Overseas Development Inst., London (UK) **0501**
- Overseas Development Inst., London (UK). Agricultural Administration Unit **0185, 0220, 0263, 0539, 0957**
- Price Waterhouse and Co., Johannesburg (South Africa) **0808**
- Ranch Management Centre, Ramatlabama (Botswana). Evaluation Unit **0347, 0348, 0349, 0350**
- Reading Univ. (UK) **0457**
- Reading Univ. (UK). Agricultural Extension and Rural Development Centre **0053**
- Reading Univ. (UK). Dept. of Agricultural Economics **0983**
- Scandinavian Inst. of African Studies, Uppsala (Sweden) **0265**
- Sheffield Univ. (UK) **0637**

- Sir Alexander Gibb and Partners, Reading (UK) **0966**
- South Africa. Department of Agriculture and Fisheries **0719**
- South Africa. Department of Agriculture and Forestry. Div. of Plant Industry **0743**
- South Africa. Department of Agriculture. Div. of Botany **0996**
- Southern Africa Labour and Development Research Unit, Cape Town (South Africa) **0494**
- Southern African Regional Commission for Conservation and Utilization of Soil, Pretoria (South Africa) **0052, 0872**
- Stellenbosch Univ. (South Africa). Dept. of Botany **0726**
- Sussex Univ., Brighton (UK) **0611**
- Swedish Agency for Research Cooperation with Developing Countries, Stockholm **0033, 0217**
- Swedish Consulting Group, Stockholm **0967, 0968, 0969, 0970**
- Swedish International Development Authority, Gaborone (Botswana) **0528, 0807**
- Swedish International Development Authority, Stockholm **0236, 0973, 0974**
- Texas Agricultural and Mechanical Univ., College Station (USA) **0766**
- Tropical Development and Research Inst., London (UK) **0881**
- UK. Ministry of Overseas Development **0633, 0634, 0670, 0671, 0674, 0696, 0697, 0707, 0708, 0709, 0710, 0711, 0712, 0713, 0756, 0915, 0955**
- UK. Ministry of Overseas Development. Land Resources Div. **0661, 0971, 0978, 0986**
- UN Financing System for Science and Technology for Development, New York (USA) **0037**
- UN Inst. for Economic Development and Planning, Dakar (Senegal). Environment Training Programme **0468**
- UN, New York (USA). Security Council **0309**
- UNDP, Gaborone (Botswana) **0036, 0069, 0195, 0197, 0202, 0203, 0204, 0275, 0277, 0278, 0279, 0291, 0293, 0310, 0489, 0513, 0514, 0595, 0613, 0630, 0631, 0643, 0649, 0660, 0662, 0665, 0666, 0667, 0668, 0682, 0683, 0689, 0704, 0715, 0725, 0727, 0728, 0828, 0935, 0938, 0946, 0953, 0954, 0958, 0962, 0963, 0972, 0975, 0981, 0990, 0997, 1005, 1007, 1009**
- UNEP, Nairobi (Kenya) **1008**
- United Car and Diesel Distributors (Pty) Ltd., Pretoria (South Africa) **0615**
- University Coll. of Botswana, Gaborone **0238, 0258, 0297, 0339, 0469, 0640, 0641**
- University Coll. of Botswana, Gaborone. Dept. of History **0245, 0605**
- University Coll. of Botswana, Gaborone. National Inst. of Development and Cultural Research **0029, 0032, 0038, 0049, 0191 0239, 0244, 0260, 0268, 0287, 0316, 0342, 0344, 0356, 0450, 0468, 0471, 0482, 0483, 0487, 0525, 0538, 0602, 0612, 0734, 0735, 0759, 0798, 1003**
- University of Botswana and Swaziland, Gaborone (Botswana) **0246, 0505**
- University of Botswana and Swaziland, Gaborone (Botswana). Div. of Extra-Mural Services **0802**
- University of Botswana, Lesotho and Swaziland, Gaborone (Botswana) **0470, 0542**
- University of Nairobi (Kenya) **0472**
- University of the Witwatersrand, Johannesburg (South Africa). Archaeological Research Unit **0462**
- USAID, Gaborone (Botswana) **0376**
- USAID, Washington, D.C. Office of Agriculture **0299, 0626**
- Utah State Univ., Logan (USA). Consortium for International Development **0616**
- Veterinary Diagnostic and Research Laboratory, Gaborone (Botswana) **0870**
- Village Area Development Programme, Hukuntsi (Botswana) **0480, 0761, 0762**
- WFP, Rome (Italy) **0198**
- Wisconsin Univ., Madison (USA) **0210, 0242, 0368**
- Wisconsin Univ., Madison (USA). Land Tenure Center **0308, 0343, 0401, 0420**
- York Univ. (UK). Centre for Southern African Studies **0377**

## LIST OF ABBREVIATIONS

ACP	African, Caribbean and Pacific Countries associated with the European Economic Community	KRDA	Kweneng Rural Development Association
ALDEP	Arable Lands Development Programme	LTC	Land Tenure Center
APRU	Animal Production Research Unit	NIR	National Institute of Development and Cultural Research
BMC	Botswana Meat Commission	ODA	Overseas Development Administration
CAB	Commonwealth Agricultural Bureaux	ODI	Overseas Development Institute
CAMV	Cowpea Aphid Borne Mosaic Virus	OIE	Office International des Epizooties
CEC	Commission of the European Communities	P	Pula (Botswana currency note)
CFDA	Communal First Development Area	SADCC	Southern Africa Development Coordination Conference
DERAP	Development Research and Action Programme	SALDRU	Southern African Labour and Development Research Unit
DHV	DHV Raadgevend Ingenieursbureau b.v. (DHV Consulting Engineers)	SARCCUS	Southern African Regional Commission for the Conservation and Utilization of the Soil
DLFRS	Dryland Farming Research Scheme	SAREC	Swedish Agency for Research Cooperation with Developing Countries
EEC	European Economic Community	SIAS	Scandinavian Institute of African Studies
EFSAIP	Evaluation of Farming Systems and Agricultural Implements Project	SIDA	Swedish International Development Authority
ERD	Extra-Rural Dwellers	TGLP	Tribal Grazing Land Programme
FAO	United Nations Food and Agriculture Organization	UBS	University of Botswana and Swaziland
FFHC	Freedom from Hunger Campaign	UN	United Nations
IBRD	International Bank for Reconstruction and Development	UNEP	United Nations Environmental Programme
ICRAF	International Council for Research in Agroforestry	CKGR	Central Kalahari Game Reserve
ICRISAT	International Crop Research Institute for the Semi-Arid Tropics	UNDP	United Nations Development Programme
IDM	Institute of Development Management	UNITAR	United Nations Institute for Training and Research
IDRC	International Development Research Centre	USAID	United States Agency for International Development
IFAD	International Fund for Agricultural Development	WFP	World Food Programme
IFPP	Integrated Farming Pilot Project	<i>s.n.</i>	Sine nomine (no publisher)
IITA	International Institute of Tropical Agriculture	<i>s.l.</i>	Sine loco (no place of publication)
ILCA	International Livestock Centre for Africa	<i>s.d.</i>	Sine datum (no date)
		<i>v.p.</i>	Various pages