



Department of  
Primary Industries and  
Regional Development

Digital Library

---

Soil conservation survey collection

Natural resources research

---

11-1986

## An inventory of apiculture land use surveys

R C. Burking

Follow this and additional works at: [https://library.dpird.wa.gov.au/lr\\_scsc](https://library.dpird.wa.gov.au/lr_scsc)



Part of the [Apiculture Commons](#), [Botany Commons](#), and the [Other Plant Sciences Commons](#)

---

### Recommended Citation

Burking, R C. (1986), *An inventory of apiculture land use surveys*. Department of Primary Industries and Regional Development, Western Australia, Perth. Report.

This report is brought to you for free and open access by the Natural resources research at Digital Library. It has been accepted for inclusion in Soil conservation survey collection by an authorized administrator of Digital Library. For more information, please contact [library@dpird.wa.gov.au](mailto:library@dpird.wa.gov.au).



"AN INVENTORY OF APICULTURE LAND USE SURVEYS"

DIVISION OF ANIMAL PRODUCTION  
INTENSIVE INDUSTRIES BRANCH  
APICULTURE SECTION

NOVEMBER 1986

WESTERN AUSTRALIAN DEPARTMENT OF AGRICULTURE  
DIVISION OF ANIMAL PRODUCTION  
INTENSIVE INDUSTRIES BRANCH

"AN INVENTORY OF APICULTURE LAND USE SURVEYS"

Compiled by

R.C. Burking (Technical Officer)

Apiculture Section

November 1986

## CONTENTS

	Page
1. Introduction	3
2. The Inventory	3
(a) Flora surveys	4-5
(b) Suitability Surveys	6-7
(c) Wildfire Damage Surveys	8-9

## APPENDIX

The Australian Map Grid Reference System

## "An inventory of Apiculture Land use Surveys"

### 1. INTRODUCTION

Each year the Apiculture Section of the Western Australian Department of Agriculture undertakes a series of surveys relating to Flora prospects, Land area suitability or wildfire damage to bee pastures. Such surveys may vary according to the requirements both in time and intensity and the report may be presented as a Departmental file comment or be of such significance to warrant a suitable publication.

The Department of Agriculture is at present collating numerous surveys and reports undertaken by a variety of Research Officers in various Divisions.

Computer data bases have been set up utilising the Records Management System which will provide access for people wishing to obtain information relating to a specific geographic location. To date, the Divisions of Resource Management and Animal Production (Apiculture Section) have established such bases and searches have been undertaken to retrieve valuable information from Files and Field Note Books for storage and subsequent usage.

Access for Departmental Staff will be available via computer, and for the general public, the information is available from the Departmental Library by arrangement with the Librarian.

The Apiculture Section is progressively searching the existing records and files for information relating to land use for the Western Australian Beekeeping Industry.

For the benefit of Industry and other Land Management Organisations, an initial summary of information has been prepared via this publication.

### 2. THE INVENTORY

The format of this inventory has been designed to allow the user to relate to the type of Survey and the general geographic location. Three categories have been selected.

- (a) Flora (Production Potential) Surveys
- (b) Land use Suitability Surveys (Beekeeping Potential)
- (c) Wildfire Damage Surveys to bee Pastures.

To each inventory entry, an Australian Map Grid (A.M.G.) reference number(s) is allocated to define the specific geographic location(s) of the areas surveyed. To support this the A.M.G. allocation information is provided in the appendix.

The entries in this inventory have been selected for the detailed information they contain.

As further searches continue and future surveys are undertaken the inventory will be updated as required.

## SECTION A

## FLORA SURVEYS - (Production Potential)

Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
Report and log of Goldfields Flora Survey. June 1975 Log Data	S.R. Chambers and L.F. Allan 13.6.75	2633, 2733, 2833, 2933, 3033, 3034, 3133, 3233, 3234, 3235, 3135, 3136, 3035, 2935, 2835, 2735
Flora survey trip by Chambers and Burking September 29 to October 1 1980. Perth-East Hyden- Perth-Log Data	S.R. Chambers and R.C. Burking 2.10.80	2633, 2733, 2833, 2933, 3033, 3034, 3133, 3233, 3234, 3235, 3135, 3136
Flora survey Log-Perth Each Hyden-Morine Rock Perth-Trip Log Data	S.R. Chambers and R.C. Burking 10.12.80	2733, 2833, 2834, 2735, 2635, 2535
Flora survey of Goldfields areas June 1969	S.R. Chambers and A.C. Kessell 16.6.69	3233, 3434, 3136
Flora Report on the Southern Cross area May 1976	A.C. Kessell 26.5.76	2735, 2835
Budding of Forest Areas Bedfordale to Banister October 1973	A.C. Kessell 1.11.73	2132, 2133
Goldfields Flora Survey 1974	A.C. Kessell 5.9.74	2735, 2835, 2935, 3035, 3135, 3136, 3234, 3233
Karri Forest Bud and Flower Development 1974-1976	S.R. Chambers 21.10.74	2029, 2129, 2128, 2228, 2328
Karri Forest Survey May 1976	S.R. Chambers 16.5.76	2029, 2129, 2128, 2228, 2328
Report of the Karri Flow 1965-66	S.R. Chambers 8.3.66	2029, 2129, 2128, 2228, 2328
South Coast Flora Survey May 1968	A.C. Kessell 31.5.68	2430, 2729

Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
A list of Botanical Species identified within the Beekeepers' Reserves 24496 and 36053. During the period May 1982 - November 1983	R.C. Burking 15.12.83	1837, 1838, 1839, 1937, 1938
Report of Inspection and survey Trip - Beekeepers Reserves 24496 and 36053 November 21, 24 1983	R.C. Burking 12.12.83	1839, 1838, 1839, 1937, 1938
Inspection and Survey Report of the Northern Section of the Beekeepers' Reserve 24496 August 17-19, 1983	R.C. Burking and A.C. Kessell 30.8.83	1838, 1839, 1938
Report on a three-day Flora investigation and feasibility Study of the Beekeepers' Reserve 24496 April 1983	A.C. kessell and R.C. Burking 20.4.83	1838, 1839, 1938
Report of a four-day Flora and feasibility Study of the Beekeepers' Reserve 24496 October 18-22, 1982	A.C. Kessell and R.C. Burking 4.11.82	1838, 1839, 1938
Report on a four-day Flora Survey and Feasibility Study of the north-western section of the Beekeepers' Reserve 24496 May 17-20, 1982	A.C. Kessell and R.C. Burking 31.5.82	1839, 1838, 1939
Report of a two-day Flora Survey and Feasibility Study of the Beekeepers' Reserve 36053 and 24496 September 1982	A.C. Kessell and R.C. Burking 2.10.82	1838, 1937, 1938

## SECTION B

## SUITABILITY SURVEYS

Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
Report on the Flora investigation survey of the Goldfields Areas May 1966	A.C. Kessell and S.R. Chambers 10.6.66	2633, 2733, 2833, 2933, 3033, 3134, 3133, 3233, 3234, 3135, 3136, 3035, 2935, 2835, 2735
A suitability survey of the Southern Goldfield's area for use by Commercial Beekeepers. October 21,25 1985	R.C. Burking and A.C. Kessell 21.3.86	3031, 2930, 2931, 3132, 3131, 3032, 3033, 2933, 2932
An evaluation of the suitability of specified Nature Reserves for beekeeping in Western Australia	R.C. Burking 16.8.84	1938, 2036, 2232, 2428, 1939, 1940, 1936, 3230, 2931, 2930, 2233, 2135, 2235, 2132, 2331, 2329, 2328, 2137, 1937, 2037, 2229, 2528, 2829, 2529
Flora Survey for Beekeeping potential in the Esperance and East Esperance Areas 1976 - Trip Log Data	A.C. Kessell 15.8.76	3032, 3033, 3034, 3035, 3135, 3136, 3236, 3336, 3335, 3334, 3333, 3332
Lake Cronin Reserve - A submission to the E.P.A. on behalf of the Beekeeping Industry in Western Australia	A.C. Kessell 25.6.75	2833
Investigation of the lake Magenta Area	A.C. Kessell and L.F. Allan 31.10.78	2530, 2630, 2730, 2830, 2930
Beekeeper usage of Jilbadji Nature Reserve - (A submission to the Department of Conservation and Land Management)	R.C. Burking 15.6.86	2833, 2834, 2933, 2934
A suitability Survey of the Burma Road Nature Reserve 26663 for use by Commercial Beekeepers	R.C. Burking and A.C. Kessell 10.10.86	1939, 1940



Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
Report of a joint survey with Agricultural Department of the proposed Peak Charles Reserve (P.I.A.)	J. Carpenter and A.C. Kessell 16.4.78	2932, 3032, 3132
Beekeeper usage of the Lake Magenta Wildlife Sanctuary - Reserve 25113 - (Submission to the Department of Conservation and Land Management)	R.C. Burking 30.11.86	2730, 2731
An Inventory of Registered Apiary Sites on Land Vested with the Department of Conservation & Land Management	R.C. Burking October 1986	1935, 2035, 1936, 1837, 1937, 1938, 2135, 2037, 3030, 2233, 3036, 2134, 2036, 2835, 2834, 2129, 2128, 2028, 1929, 1930, 2429, 2031, 2131, 2231, 2232, 2132, 2032, 2133, 2332

## SECTION C

## WILDFIRE DAMAGE SURVEYS

Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
Damage Report of the West Coastal Wildfire January 16, 21, 1984 and its effects on the Western Australian Beekeeping Industry	R.C. Burking and A.C. Kessell 1838, 1938 16.4.84	
Damage Report of the West Coastal Wildfire March 31, - April 4, 1985 and its effects on the Western Australian Beekeeping Industry	R.C. Burking and A.C. Kessell 1936 14.6.85	
Damage Report of the West Coastal Wildfire - Nilgen Nature Reserve and the adjacent military area north Lancelin May 29, 30 1985 and its effects on the Western Australian Beekeeping Industry	R.C. Burking 5.6.85	1936
Damage Report of the Mount Lesueur Reserve May 10-11, 1985 and its effects on the Western Australian Beekeeping Industry	R.C. Burking 16.5.85	1937
Damage report of the West Coastal Wildfires in the Lancelin, Cervantes and Jurien Bay Areas April 15, 23, 1985 and their effects on the Western Australian Beekeeping Industry	R.C. Burking and A.C. Kessell 1936, 1937 5.5.85	
Damage Report of the West Coastal Wildfire Wongonderra Areas January 31 - February 1, 1985 and its effects on the Western Australian Beekeeping Industry	R.C. Burking 5.5.85	1936

Survey Title	Author(s) Publication Date	Australian Map Grid Reference number(s)
Damage Report of the West Coastal Wildfires in the Cervantes - Hill River, North Lancelin and North Yanchep Areas January 1986 and the effects on the Western Australian Beekeeping Industry	R.C. Burking 16.4.86	1936, 1937, 2034, 2035
The Burning of Coastal Plain Areas in Western Australia between Wanneroo and Dongara	A.C. Kessell 28.11.74	1838, 2034, 2035, 1935, 2036, 1937, 1938, 1839, 1939

APPENDIX

THE AUSTRALIAN MAP GRID

REFERENCE SYSTEM

INDEX TO MAPS OF  
WESTERN AUSTRALIA  
1:100 000  
SERIES R611 PAGE 1

SEE NORTHERN TERRITORY SERIES R621  
NORTHERN TERRITORY

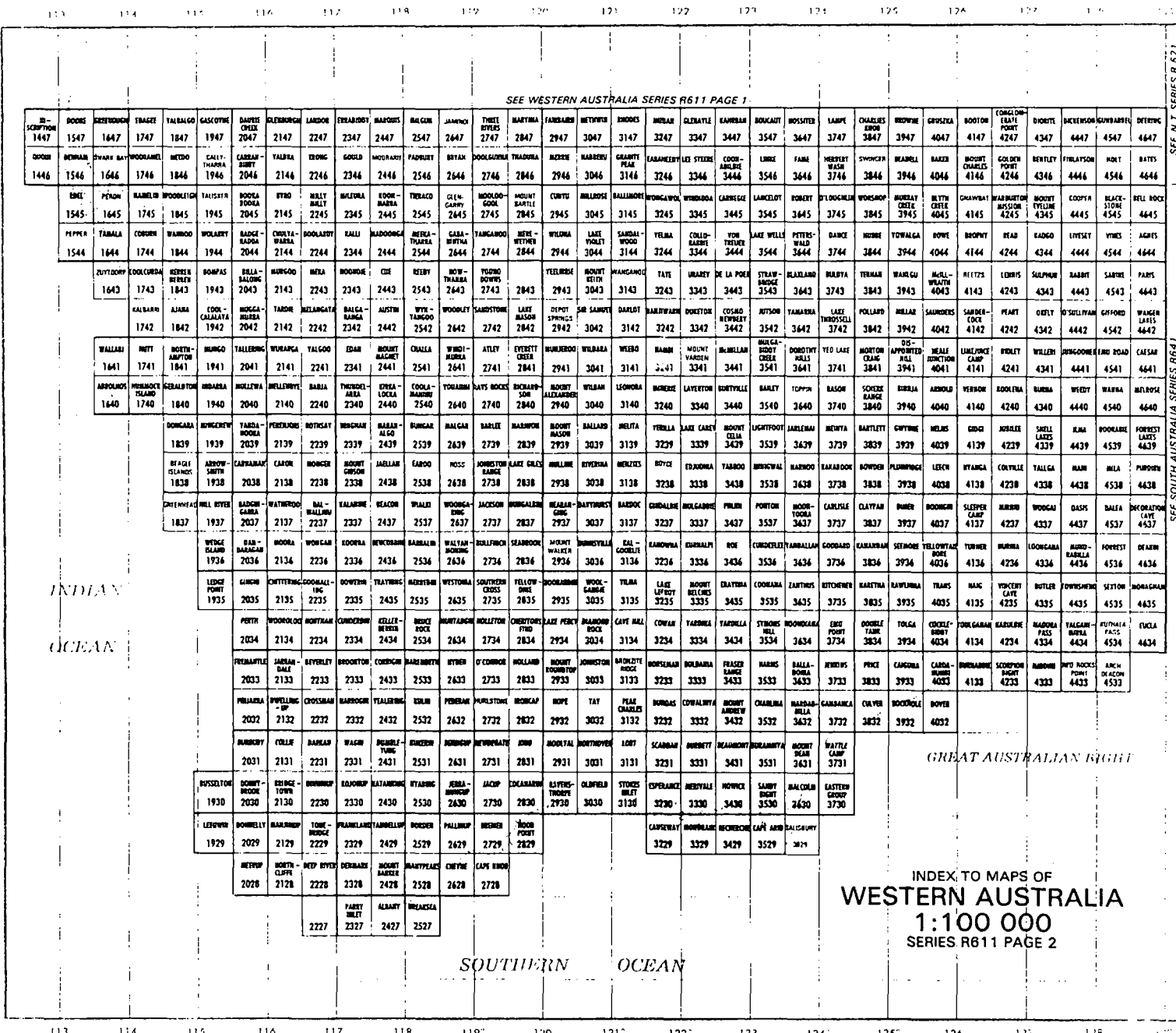
INDIAN OCEAN

SEE WESTERN AUSTRALIA SERIES R611 PAGE 2

WESTERN AUSTRALIA

		LONG BEELFLOUGHTON		LONDON		BURNLEY	
		4070	4170	4270	4370	4470	4570
		MARSH	BONLAND	ADAM	HUTCHINSON	PETRA	EMERSON
		3869	3969	4069	4169	4269	4369
		RUPERT	WARRAND	KING	CARSON	COLLISON	BECKLEY
		3868	3968	4068	4168	4268	4368
		TRACER	BEALE	CHAMPAGNE	PRINCE	BRADFORD	ASHTON
		3867	3967	4067	4167	4267	4367
		ADAMS	BLACKLEY	COCKELL	HEATHCOTE	WOODHOUSE	CARRA
		3866	3966	4066	4166	4266	4366
		LIVERMORE	SUNSHINE	JAMES	EDWARDS	JAMESON	GAB
		3865	3965	4065	4165	4265	4365
		LACROIX	FENNIE	COMBER	TARRANT	ISHELL	PACIFIC
		3864	3964	4064	4164	4264	4364
		CANNOT	DOWLING	FRASER	REID	LEWIS	ECKHART
		3863	3963	4063	4163	4263	4363
		MOORE	LAKE	CLARENDON	TESSA	WILKINSON	ELLENDALE
		3862	3962	4062	4162	4262	4362
		GOVERNOR	VILLIARD	DEERIDGE	PLAINS	BLUMPER	ANDERSON
		3861	3961	4061	4161	4261	4361
		LAFRANCE	THANGOO	LOGAN	BOORMA	GEORGE	CLAYTON
		3860	3960	4060	4160	4260	4360
		ARMY	PIRE	O'DRISCOLL	FAIR	JAMES	MCINTOSH
		3859	3959	4059	4159	4259	4359
		WOODS	BARROW	BRIDGE	WHEEL	TERMINAL	CLAPP
		3858	3958	4058	4158	4258	4358
		ARSON	AXE	ATKINS	DISCOVERY	TRAVER	NELSON
		3857	3957	4057	4157	4257	4357
		CHAUVEAU	ANDREW	MCINTOSH	ADVERSE	DOOP	GIBBERT
		3856	3956	4056	4156	4256	4356
		PRESTON	SCOTT	PAINE	FLAME	QUARRA	FOSTER
		3855	3955	4055	4155	4255	4355
		GAUL	KATTA	MELODIA	HELINA	THOMSON	MOORE
		3854	3954	4054	4154	4254	4354
		WILSON	WATER	LAUREN	POWELL	WALLACE	HOPE
		3853	3953	4053	4153	4253	4353
		DAVID	TOP	POWELL	WALLACE	HOPE	WALLACE
		3852	3952	4052	4152	4252	4352
		SMITH	FINCH	FINCH	FINCH	FINCH	FINCH
		3851	3951	4051	4151	4251	4351
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3850	3950	4050	4150	4250	4350
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3849	3949	4049	4149	4249	4349
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3848	3948	4048	4148	4248	4348
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3847	3947	4047	4147	4247	4347
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3846	3946	4046	4146	4246	4346
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3845	3945	4045	4145	4245	4345
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3844	3944	4044	4144	4244	4344
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3843	3943	4043	4143	4243	4343
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3842	3942	4042	4142	4242	4342
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3841	3941	4041	4141	4241	4341
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3840	3940	4040	4140	4240	4340
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3839	3939	4039	4139	4239	4339
		SHAW	SHAW	SHAW	SHAW	SHAW	SHAW
		3838	3938	4038	4138	423	

WESTERN AUSTRALIA



SEE WESTERN AUSTRALIA SERIES R611 PAGE 1

SEE WESTERN AUSTRALIA SERIES R611 PAGE 1

SEE SOUTH AUSTRALIA SERIES R641

INDEX TO MAPS OF  
WESTERN AUSTRALIA  
1:100 000  
SERIES R611 PAGE 2