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An inventory of apiculture land use surveys

R C. Burking

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"AN INVENTORY OF APICULTURE LAND USE SURVEYS"

DIVISION OF ANIMAL PRODUCTION INTENSIVE INDUSTRIES BRANCH APICULTURE SECTION

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

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

A suitability Survey of the Burma Road Nature Reserve 26663 for use by Commercial Beekeepers

of Conservation and Land

Management)

A suitability Survey of the R.C. Burking and A.C. Kessell 1939, 1940 Burma Road Nature Reserve 10.10.86

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)		2730, 2731
An Inventory of Registered Apiary Sites on Land Vested with the Department of Conservation & Land Management		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 16.4.84	L 1838, 1938
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 14.6.85	. 1936
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
	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 5.5.85	. 1936, 1937
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 Gri 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

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