An Australian Government Initiative

Joint Venture Agroforestry Program

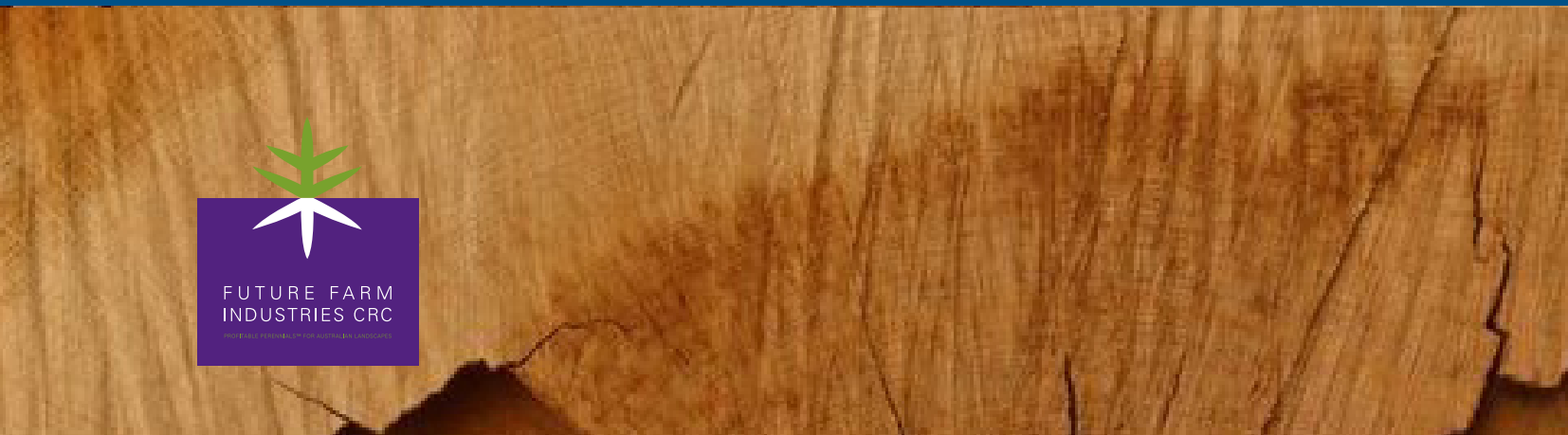
Rural Industries Research & Development Corporation

Forest & Wood Products Australia

Land & Water Australia

Agroforestry species profiles for lower rainfall regions of southeastern Australia

FLORASEARCH 1B



FUTURE FARM INDUSTRIES CRC

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Agroforestry species profiles for lower rainfall regions of southeastern Australia

FLORASEARCH 1B

FUTURE FARM INDUSTRIES CRC

A report for the RIRDC / L&WA / FWPA / MDBC Joint Venture Agroforestry Program

by Trevor J. Hobbs and Mike Bennell

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* CRC for Plant-based Management of Dryland Salinity officially concluded operations on 30 June 2007. Its successor the Future Farm Industries Cooperative Research Centre continued to manage CRC PBMDS research projects until 30 June 2008.

Foreword

The FloraSearch project has the goal of providing a focus to the development of broad scale woody crops for southern Australia. The project focuses on selecting species that can be developed to supply feedstock for the large-scale markets of wood and energy products. FloraSearch is a successor to WA Search and Acacia Search projects and draws strongly upon their philosophy and methodology. The first phase of the FloraSearch project has produced three reports:

a) Evaluating agroforestry species and industries for lower rainfall regions of southeastern Australia (FloraSearch 1a)

b) Agroforestry species profiles for lower rainfall regions of southeastern Australia (FloraSearch 1b)

c) Review of wood products, tannins and exotic species for agroforestry regions of southern Australia (FloraSearch 1c).

FloraSearch has undertaken a systematic process of collating existing knowledge on a large group of potentially valuable woody biomass and fodder plant species to identify and prioritise those with greatest prospects for future development as commercial woody crops. Detailed data on the most highly ranked 238 species and subspecies have been summarised in this report. Each species profile includes information on:

- Relationships between species, rainfall zones and soils
- Summarised results from field surveys and product testing
- Species bioclimatic models to identify areas with potential for future cultivation
- Illustrative photos for most species.

This project was funded by the Joint Venture Agroforestry Program (JVAP), which was supported by three R&D corporations – Rural Industries Research and Development Corporation (RIRDC), Land & Water Australia (LWA), and Forest and Wood Products Research and Development Corporation (FWPRDC)[1], together with the Murray-Darling Basin Commission (MDBC). These R&D corporations were funded principally by the Australian Government. State and Australian Governments contributed funds to the MDBC. Significant financial and in-kind contributions were also made by project partners within the Cooperative Research Centre for Plant-based Management of Dryland Salinity[2] and SA Department of Water, Land and Biodiversity Conservation.

This report is an addition to RIRDC's diverse range of over 1800 research publications. It forms part of our Agroforestry and Farm Forestry R&D program, which aims to integrate sustainable and productive agroforestry within Australian farming systems. The JVAP, under this program, is managed by RIRDC.

Most of our publications are available for viewing, downloading or purchasing online through our website:

- downloads at www.rirdc.gov.au/fullreports/index.html
- purchases at www.rirdc.gov.au/eshop

Peter O'Brien
Managing Director
Rural Industries Research and Development Corporation

[1] Now Forest & Wood Products Australia (FWPA)

[2] Now Future Farm Industries CRC (FFI CRC)

Acknowledgements

The authors acknowledge the Joint Venture Agroforestry Program and Murray-Darling Basin Commission for funding this project and the support of Cooperative Research Centre for Plant-based Management of Dryland Salinity[3].

The input and helpful advice of project collaborators and members of the FloraSearch Steering Committee is gratefully acknowledged. This includes John Bartle, Graham Olsen, Ian Nuberg, Peter Milthorpe, George Frieschmidt, Des Stackpole and John Doran. We appreciate Mark Ellis for his contributions to the scientific, political and administrative components of the FloraSearch project. Thanks to Joe Landsberg for advice on plant productivity modelling; State and National Herbarium staff – especially Tim Entwisle, Barry Conn, and Gary Chapple – for access to Australia's Virtual Herbarium, and Martin O'Leary who provided scientific and technical advice. The high quality of field surveys, databases and computing would not have been possible without the technical support of Julie Dean, Ben Sheppard, Brett Bartel, Brett Honeysett, Sue Wakefield and Kim Tomkinson. Special thanks to Darcy Peters for his assistance in creating the potential distribution maps.

Photography by Trevor Hobbs, Mike Bennell, Julie Dean, Ben Sheppard, Brett Bartel, Brett Honeysett, Sue Wakefield, Bruce Maslin and Des Stackpole.

[3] CRC for Plant-based Management of Dryland Salinity officially concluded operations on 30 June 2007. Its successor, the Future Farm Industries Cooperative Research Centre continued to manage CRC PBMDS research projects until 30 June 2008.

Contents

Executive summary

What the report is about

This report profiles the most highly ranked agroforestry species and subspecies identified by the initial FloraSearch selection and evaluation process described by Bennell *et al.* (2007). The majority of species profiled in this report are endemic to the lower rainfall region (i.e. 250-650 mm) of southeastern Australia. The report contains individual species statistics on rainfall and soil preferences, predictions of potential areas for cultivation based on climate variables, indicative growth rates, laboratory test results and illustrative photos for most species.

Who is the report targeted at?

This report is intended to provide rural landholders and potential large-scale biomass industries with more technical information on appropriate species selections using individual evaluations of each species' suitability for each region and industry type.

Background

The selection of prospective species is challenging due to the range of potential products, the limited attribute information for most species occurring in the region and the variability of environmental conditions across the vast study area. A few species have been the subject of previous low rainfall farm forestry trials (e.g. sugar gum) and are relatively well documented and some fodder species are quite well known from rangelands research (e.g. oldman saltbush). However, for the majority of the native species suited to the FloraSearch region there is little published information beyond taxonomic descriptions and brief commentaries relating to horticultural potential.

Aims and Objectives

The objective of this report is to provide an easy-to-access summary of information on the species selected from the FloraSearch database for further testing and evaluation.

Methods Used

FloraSearch undertook a systematic approach to the identification of prospective species. An early assessment to select prospective species from the thousands of taxa occurring in the region has relied on the collation of a range of basic plant information and available data or commentaries on individual species' suitability for agroforestry use in lower rainfall regions. An extensive database was compiled on all species recorded in the region that contained all information available from herbarium and survey data from state agencies in SA, NSW, ACT and Victoria together with published information. The key criteria used in this process include:

- Lifeform and growth habit
- Distribution in relationship to landscapes and climate of the region
- Capacity for regeneration
- Growth rates and potential yield
- Existing or previous use in industries
- Attributes suitable for targeted products.

In the selection process species were sorted by several criteria as being suitable for one or more broad product areas. Multi-purpose biomass species are ones that potentially produce a large volume of biomass, grow quickly and are suited to a variety of climatic regions and landscapes. Fodder species are those with suitable growth characteristics and are

palatable and nutritious to livestock. Specialised high-value species were selected from plant families known to produce essential oils and latex. Species with the potential for multiple products received a higher prioritisation in the selection process. This resulted in a list of prospective species to be the focus of ongoing work.

Results / Key findings

This report profiles 238 species and subspecies with potential for agroforestry use in the lower rainfall wheat-sheep zone of southeastern Australia. This work provides an easy-to-access knowledge base for readers interested in the development of new woody crops. The report provides species information on:

- Relationships between species, rainfall zones and soils
- Summarised results from field surveys of plant growth and yield estimates in lower rainfall regions
- Product testing results for wood fibres, oil extractives and fodder value
- Species bioclimatic models to identify areas with potential for future cultivation
- Illustrative photos for most species.

Overview of species profiles

FloraSearch has undertaken a systematic process of collating existing knowledge on a large group of potentially valuable woody biomass and fodder plant species to identify and prioritise those with greatest prospects for future development as commercial woody crops (Bennell *et al.* 2008). This volume focuses on FloraSearch's most highly ranked 238 agroforestry species and includes additional information on:

- Relationships between species and rainfall zones and soils
- Summarised results from field surveys and product testing
- Species bioclimatic models to identify areas with potential for future cultivation
- Illustrative photos for most species.

Rainfall and soils

We have used a geographic information system to extract spatial information on average annual rainfall and surface soil textures (CSIRO Land & Water 2001 a,b) for all plant records from state and national herbariums (Australia's Virtual Herbarium, B. Conn and G. Chapple, pers. comm.), state government surveys (SA DEH, Vic NRE and NSW NPWS), Acacia Search and FloraSearch surveys. The number of plant records in each rainfall class and surface soil texture class has been tabulated for each species. Figures 1 to 3 illustrate the geographic location, rainfall and surface soil texture of the FloraSearch study area.

Plant attributes and test results

These results include maximum plant height and crown width data, preliminary productivity data (volumes and tonnes of woodchips), wood density, wood pulp and fibre tests, oil content and fodder values. For species that have not been observed or tested by FloraSearch staff in low rainfall environments we have incorporated and noted supporting data from Acacia Search (annotated "a"), WA Search (w), Noel Clark (c), Jugo Ilic (i), Dean Nicolle contracted survey (n), and extrapolations from closely related species (e). Some additional plant information and testing results for the species profiled in this document can be found in Hobbs *et al.* (2008).

Potential cultivation areas

We have utilised plant distribution data from herbarium records, state government surveys, Acacia Search and FloraSearch surveys to build bioclimatic models to predict the likely distribution of the each species and subspecies. The bioclimatic models are based on the Boxcar approach of BIOCLIM (Busby 1991) and implemented through BioLink 2.0 Software (CSIRO Entomology 2003). Climatic variables used in the modelling included mean annual rainfall, rainfall seasonality, mean rain in the dry quarter, mean annual temperature, maximum temperature in the warm period and minimum temperature in the cool period. These parameters closely correspond to those identified by previous JVAP research by Jovanovic and Booth (2002) for "improved climatic profiles". Darker shadings on these maps represent areas with the highest potential for cultivation and lighter shades show areas of lower potential.

Photos

Where available, we provide illustrative photos for each species. These typically show 1) plant lifeform; and 2) wood slice texture and colour for trees, or leaf types for shrubs. The species selected for photographing are typically young sexually mature individuals. The plants sampled and photographed were typically in the 8-12 year old age range for tree and mallee species and the 3-8 year old age range for shrub species. Plantations of known age were targeted for sampling but many species were sampled from natural environments

Figure 1. Geographic distribution of the FloraSearch study area.

Figure 2. Annual rainfall isohyets for the FloraSearch region.

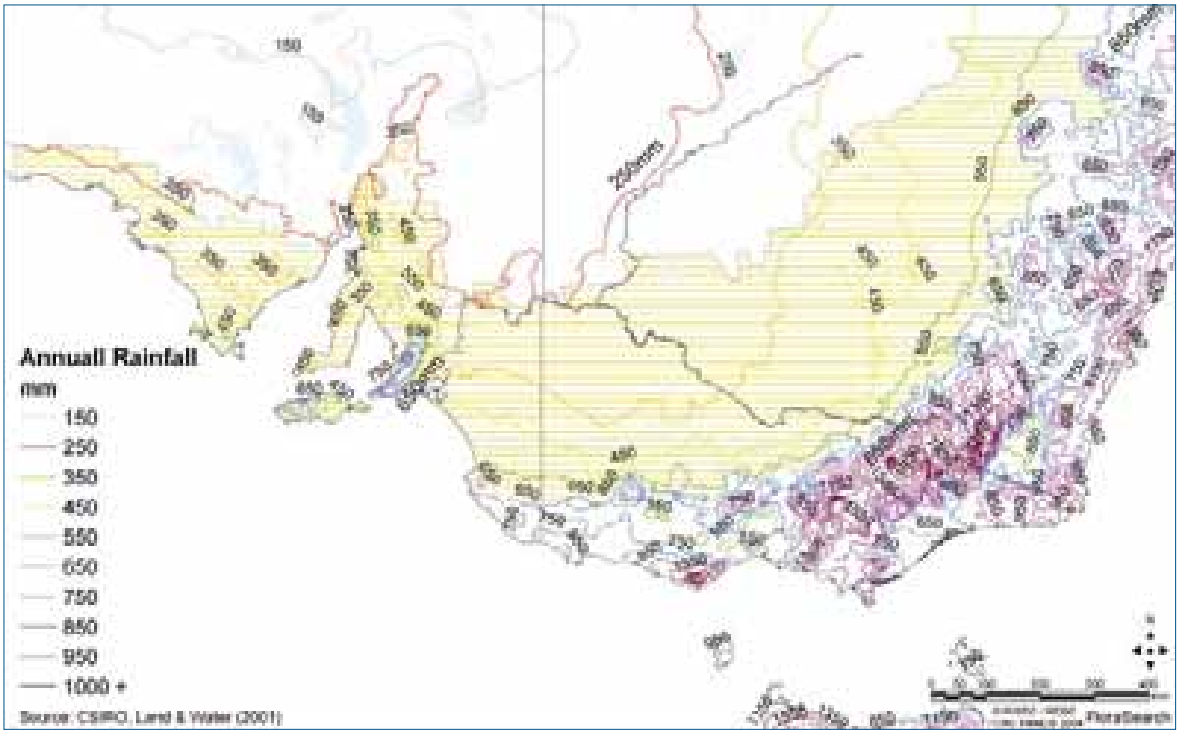
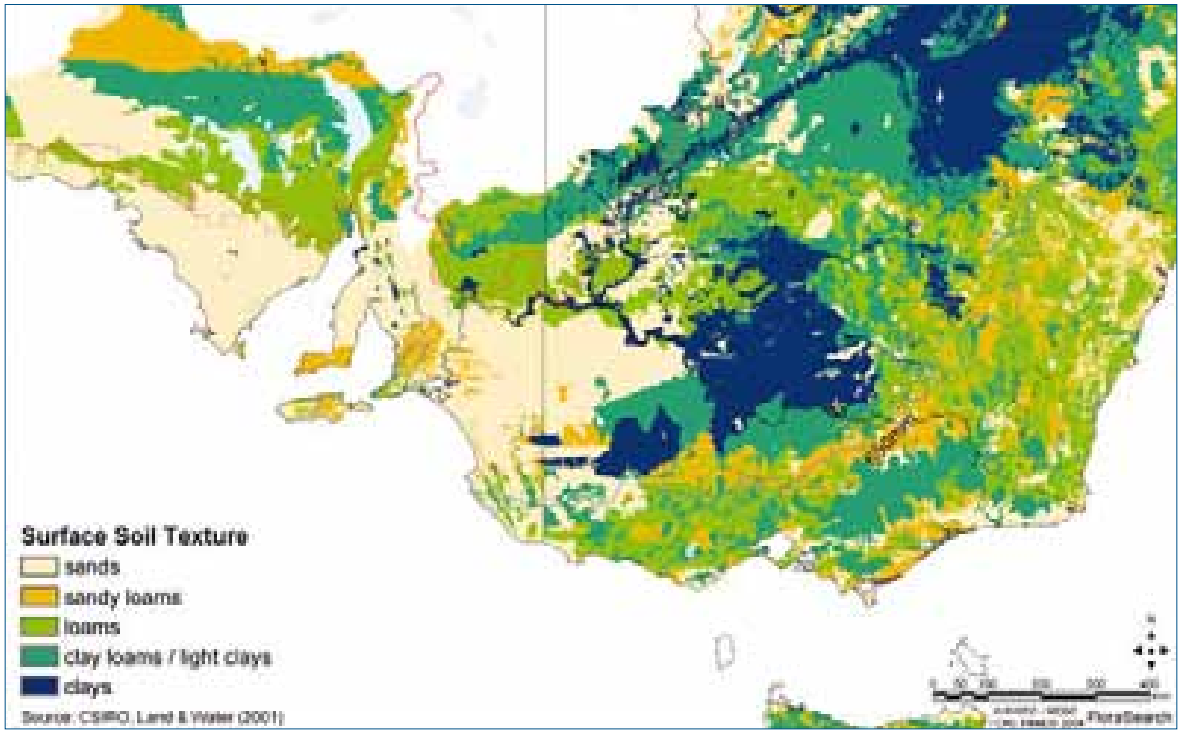


Figure 3. Surface soil textures in the FloraSearch region.



where actual ages are unknown (although many were estimated from growth ring counts). Measurement scales used in photos include a 3 metre red/silver survey pole for lifeform photos and 1 centimetre scale bar on wood slices photos with 1 millimetre increments.

References

Bennell M, Hobbs TJ, Ellis M (2008) Evaluating agroforestry species and industries for lower rainfall regions of southeastern Australia: Florasearch 1a. Report to the Joint Venture Agroforestry Program (JVAP) and Future Farm Industries CRC. RIRDC Publication No. 07/079 RIRDC, Canberra.

Busby JR (1991) BIOCLIM - A Bioclimatic Analysis and Prediction System. In: Margules, CR and MP Austin (eds.) 'Nature Conservation: Cost Effective Biological Surveys and Data Analysis.' CSIRO, Canberra. pp 64-68.

Clark NB, Rawlins WHM (1999) Prospects for pulpwood from the Murray Darling Basin. Appita Journal 52, 203-212.

CSIRO Entomology (2003) BioLink Version 2.0 Software. Biodiversity Informatics Team, CSIRO Entomology, Canberra.

CSIRO Land & Water (2001a) Mean annual and monthly rainfall (mm). http://adl.brs.gov.au/ADLsearch/index.cfm?fuseaction=FULL_METADATA&inanzlic=ANZCW1202000117

CSIRO Land & Water (2001b) Soil texture in Soil Layer 1 (A-Horizon - Top-soil) for Australian areas of intensive agriculture of sub-soil (derived from site measurements). http://adl.brs.gov.au/ADLsearch/index.cfm?fuseaction=FULL_METADATA&inanzlic=ANZCW1202000136

Hobbs TJ, Bennell M, Huxtable D, Bartle J, Neumann C, George N, O'Sullivan W, McKenna D (2008) Potential agroforestry species and regional industries for lower rainfall southern Australia: FloraSearch 2. Report to the Joint Venture Agroforestry Program (JVAP) and Future Farm Industries CRC. RIRDC Publication No. 07/082 RIRDC, Canberra.

Ilic J, Boland D, McDonald M, Downes G, Blakemore P (2000) Woody density phase 1 - State of knowledge. National Carbon Accounting System, Technical Report No. 18. Australian Greenhouse Office, Canerra.

Jovanovic T, Booth TH (2002) Improved species climatic profiles. RIRDC Publication No 02/95. Rural industries Research Development Corporation, Canberra.

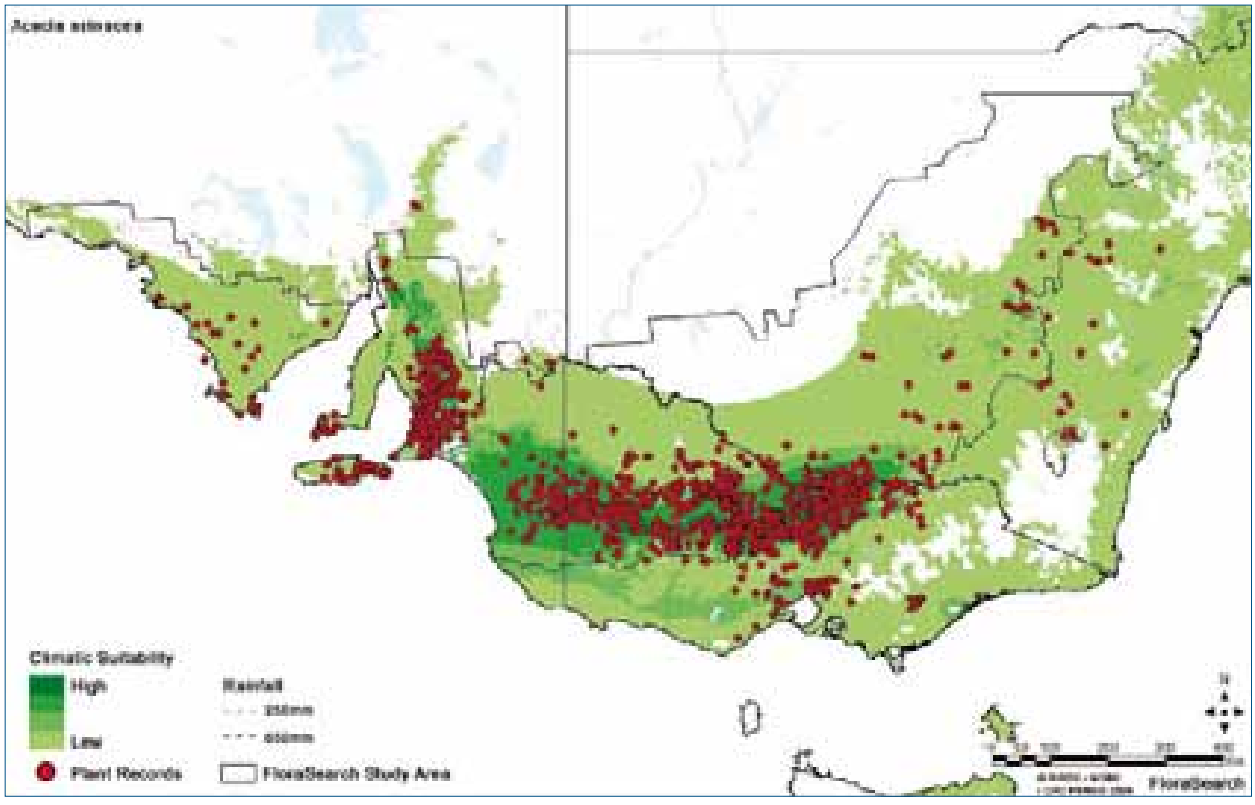
Maslin BR, McDonald MW (2004) Acacia Search. Evaluation of Acacia as a woody crop option for southern Australia. RIRDC Publication No. 03/017 Rural Industries Research and Development Corporation, Canberra.

Olsen G, Cooper D, Huxtable D, Carslake J, Bartle JR (2004) Search Project Report, Vols. 1-3, Final report for NHT Project 973849, WA Department of Conservation and Land Management.

Fabaceae	*Acacia acinacea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2.5	4	1	78	738	1079	406	289	434	821	565	501	270

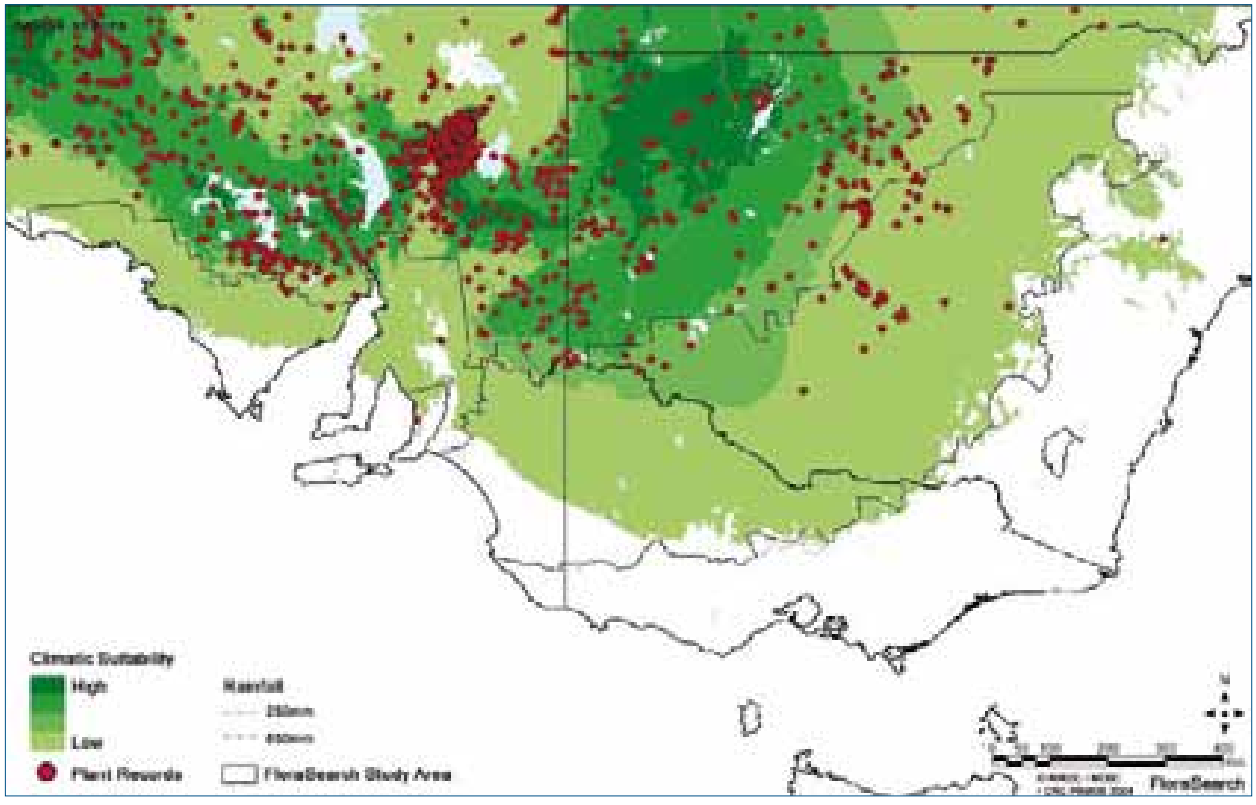
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia aneura*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	6	469	178	213	22	11	6	164	105	242	333	55

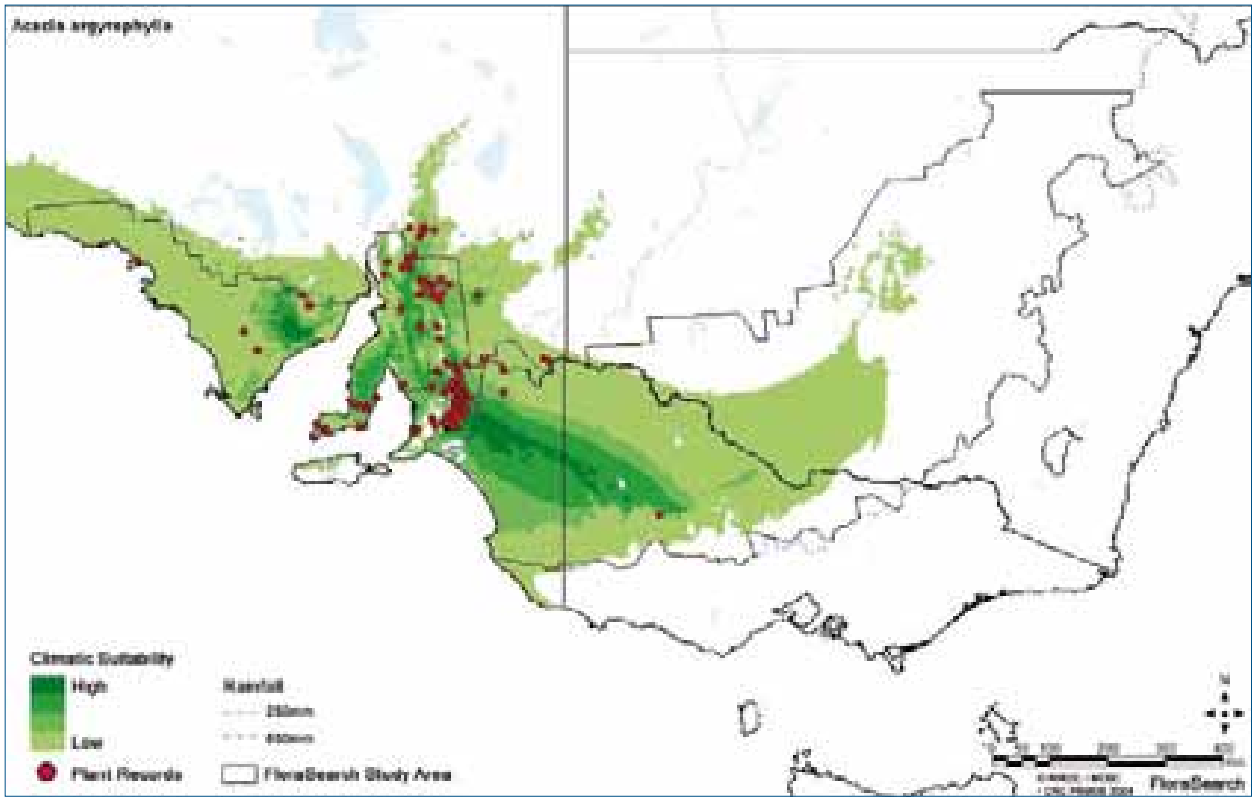
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.79	875	0.56		10.1	5		12.6	51.6	7.2	H



Fabaceae	*Acacia argyrophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	6		59	76	29	1	2	52	94	6	3	12

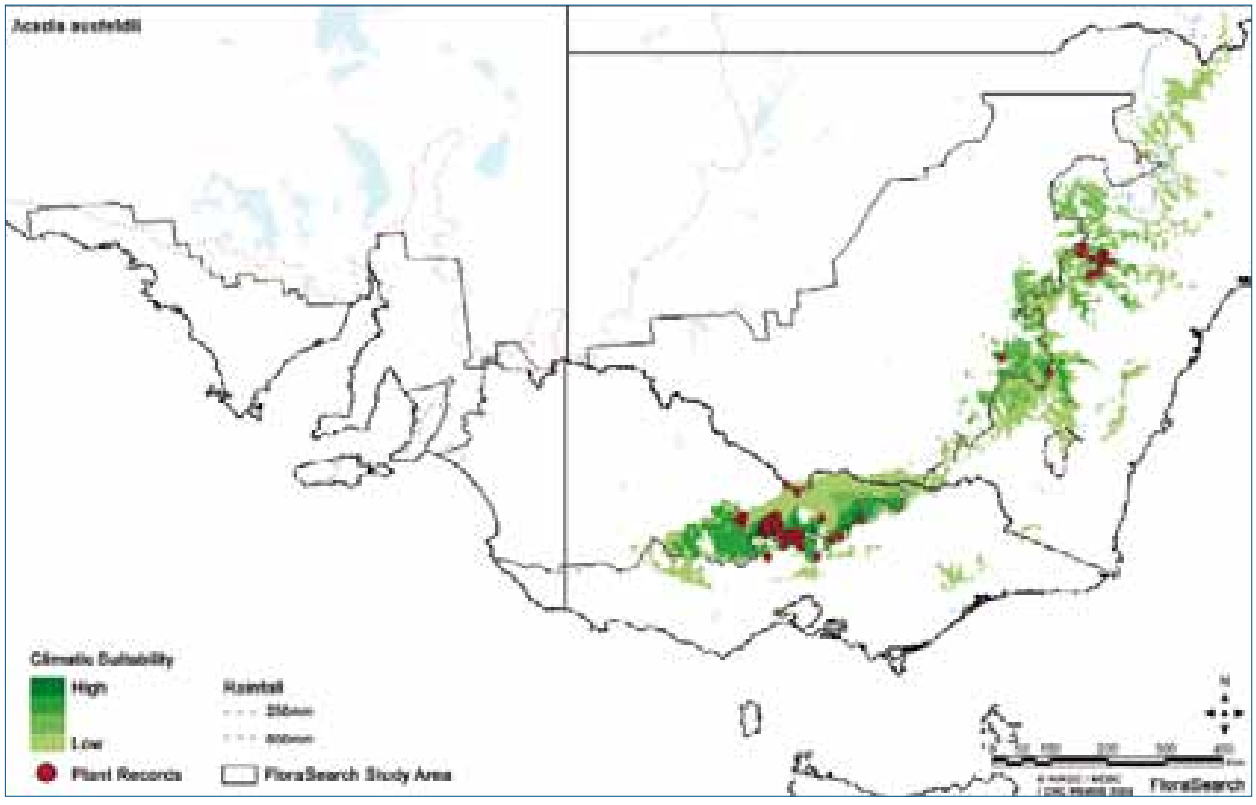
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	891 a			13.2	3.8		10.5	49.7	6.9	



Fabaceae	*Acacia ausfeldii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	3			6	133	23	45	15	89	83	17	3

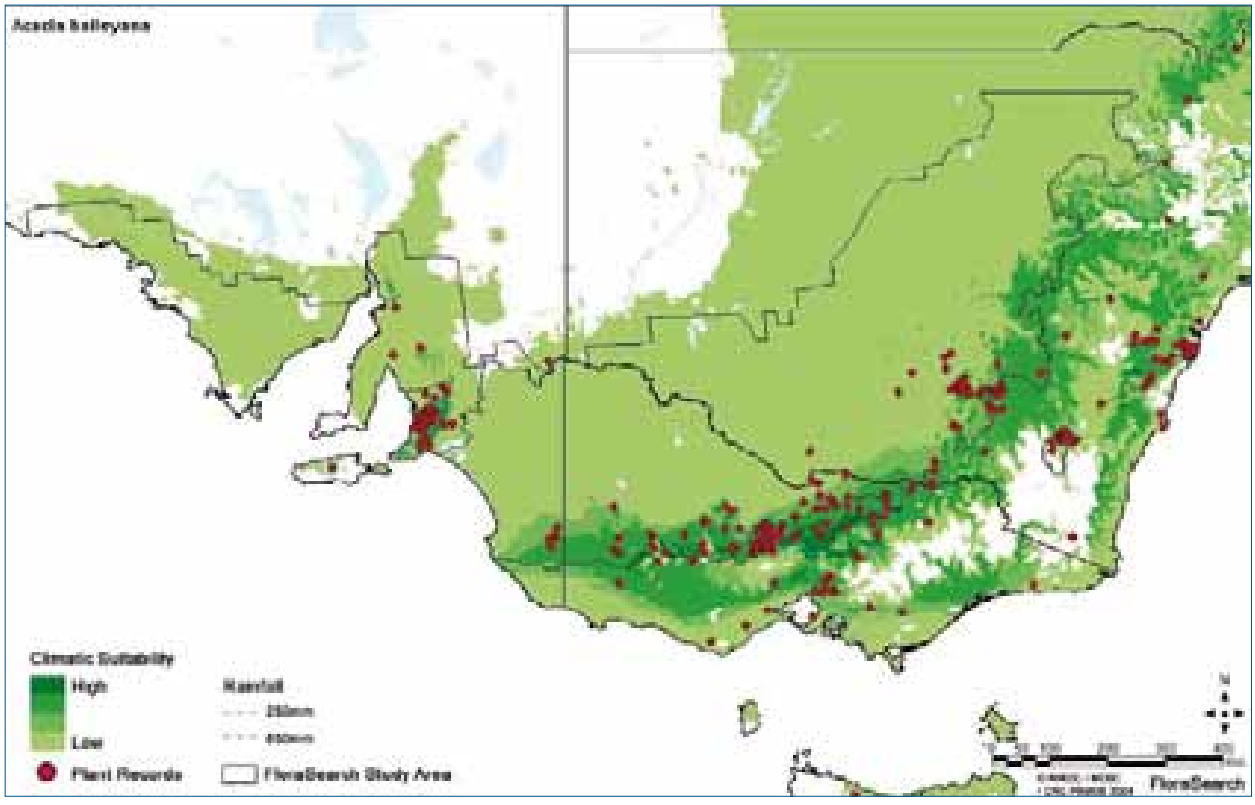
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia baileyana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	8		1	20	83	116	159	43	102	183	50	1

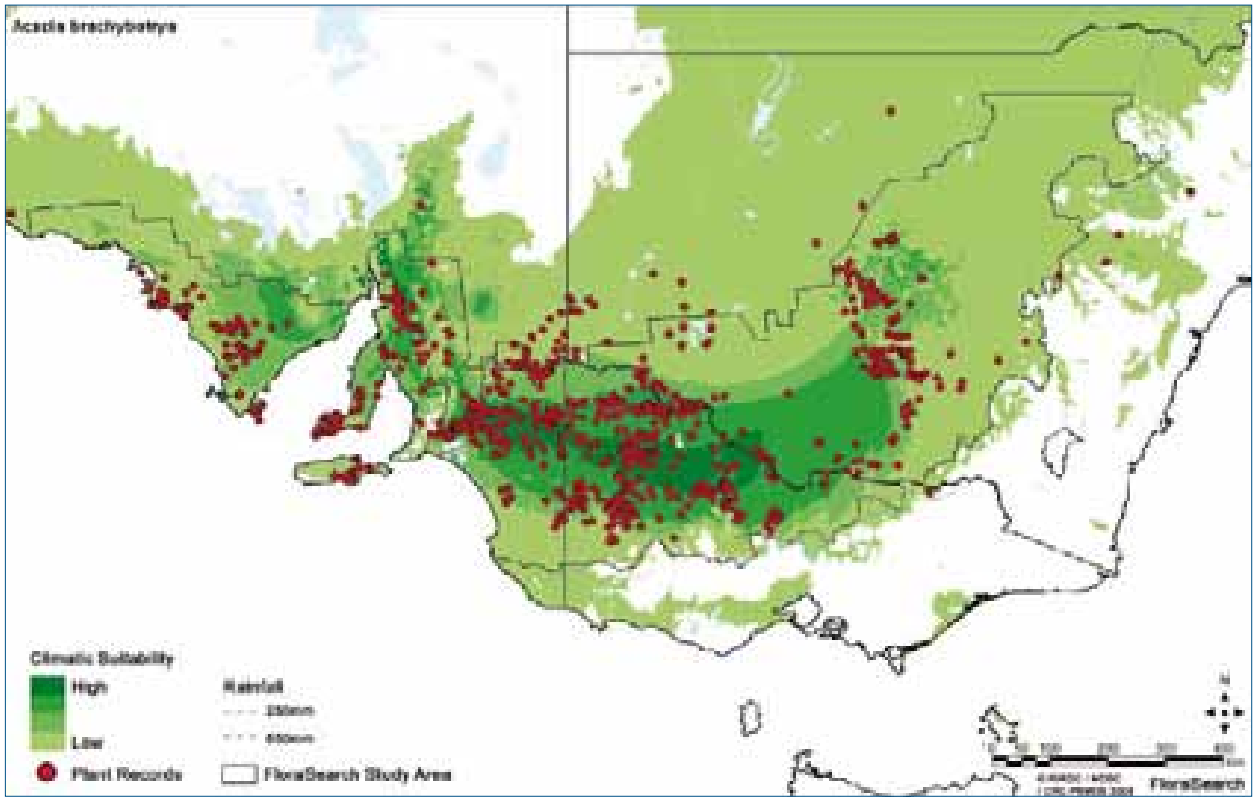
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.71 a	735 a	0.98					13.3	46.5	6.4	



Fabaceae	*Acacia brachybotrya*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	6	32	579	556	227	16	9	654	277	122	237	129

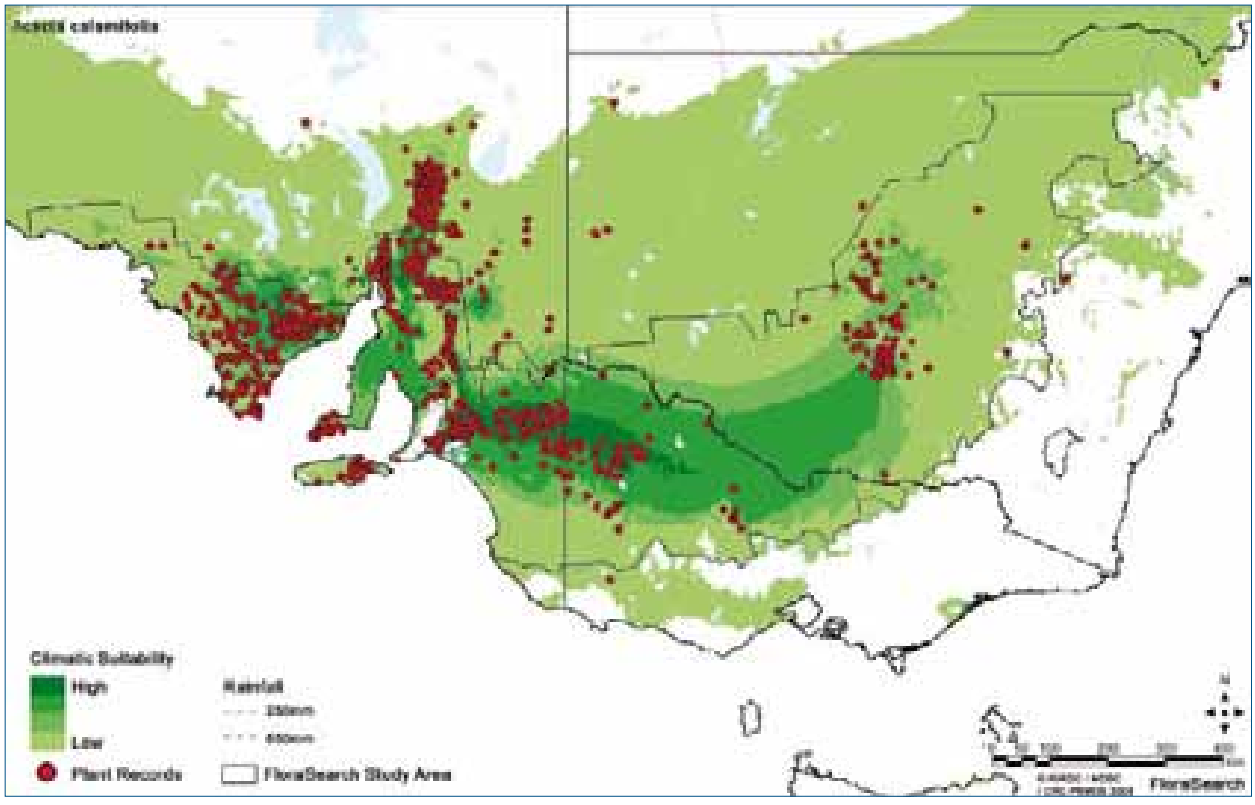
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.14	851	0.88								



Fabaceae	*Acacia calamifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	5	24	445	471	151	8	11	677	186	168	70	9

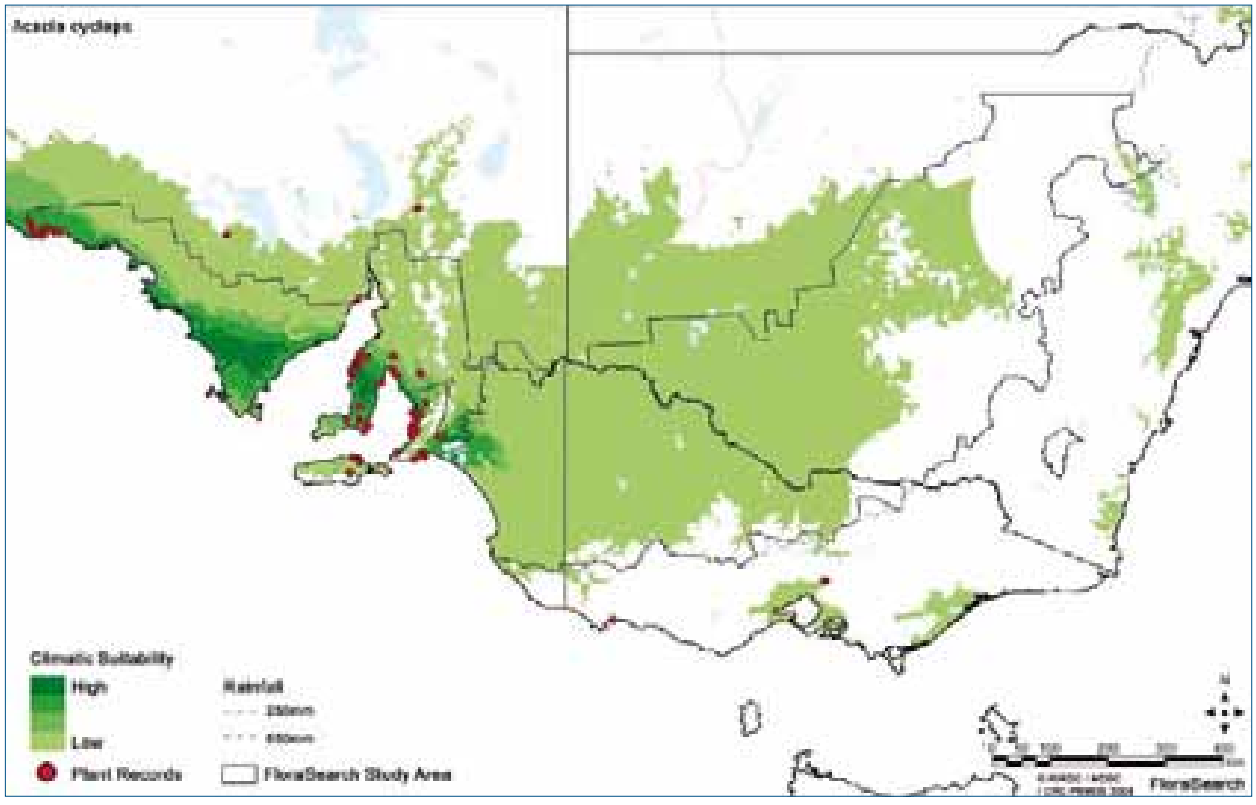
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia cyclops*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4		31	42	35	13	30	114	28	2	6	1

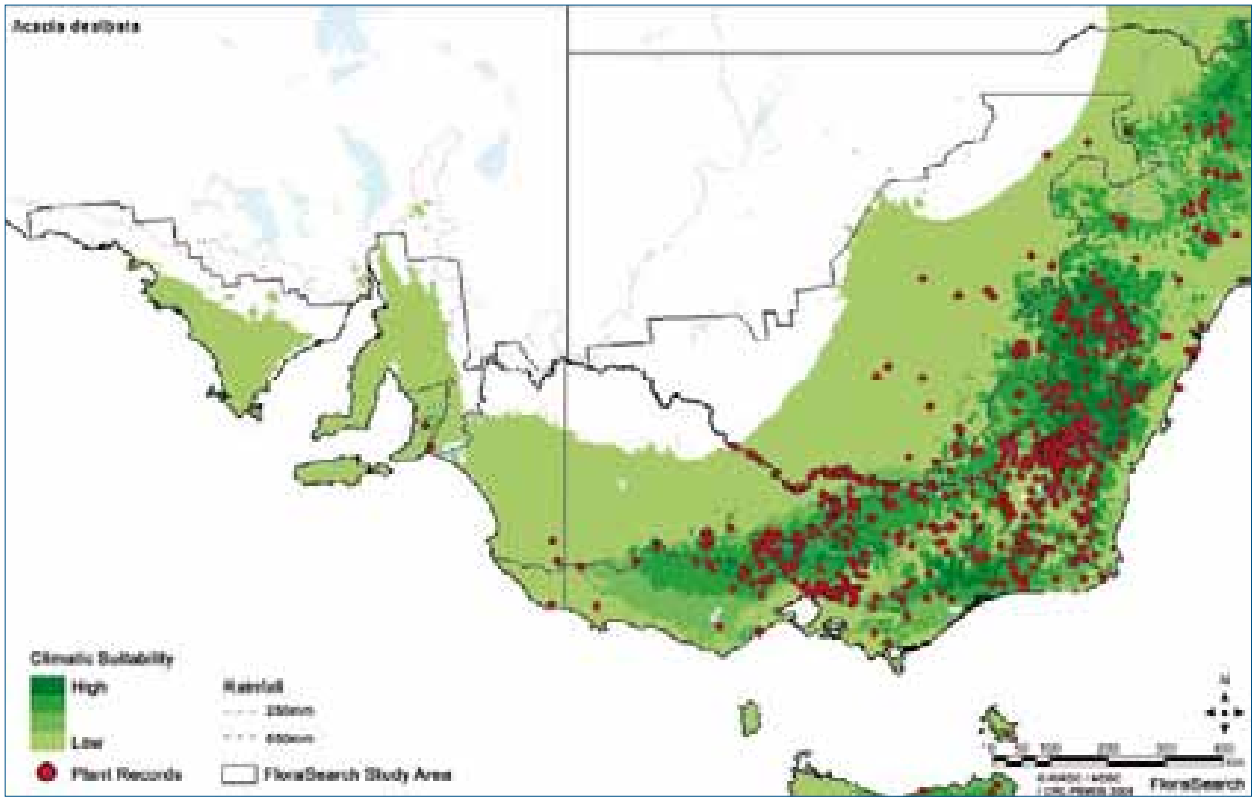
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.22	657 w	1.65	48.8 w	9.3	5.3					



Fabaceae	*Acacia dealbata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	10		4	52	103	142	927	123	217	486	377	25

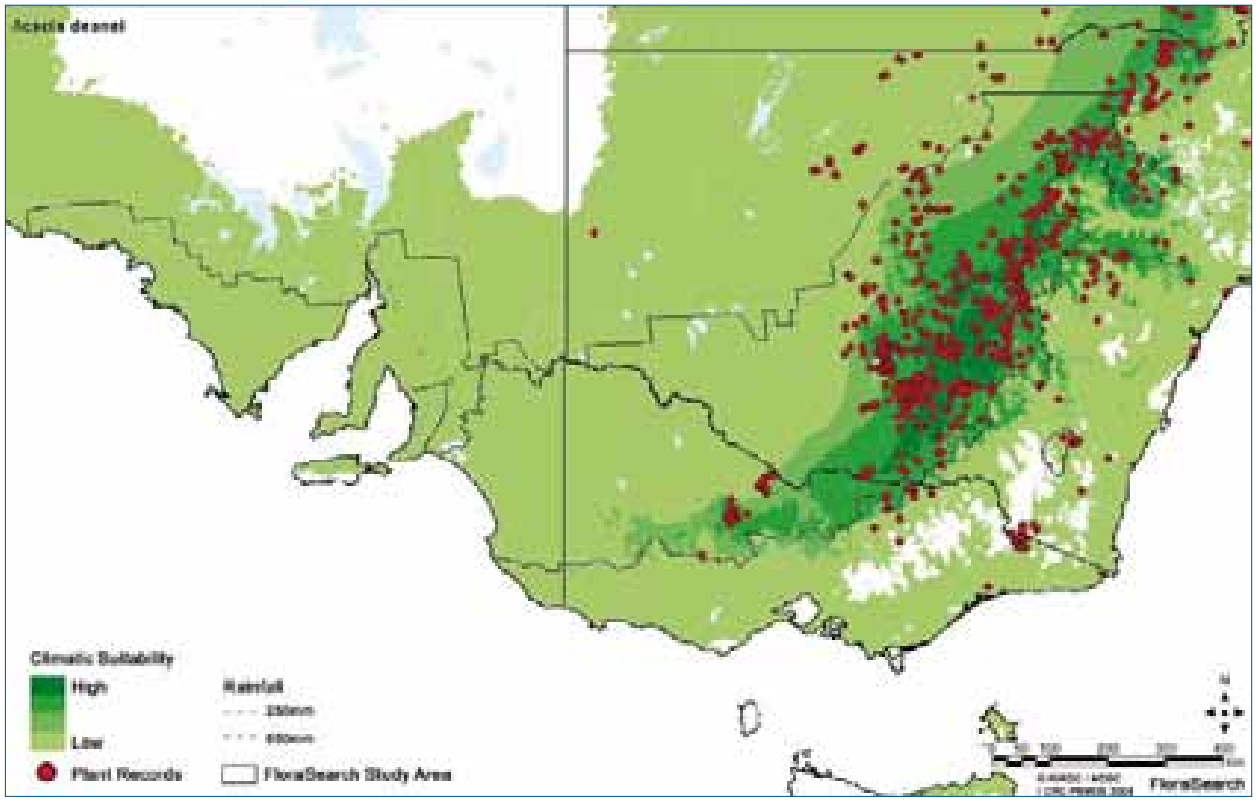
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
4.11 a	664 a	2.13					17.2	50.7	7.1	



Fabaceae	*Acacia deanei*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	5		10	245	476	339	195	114	130	570	327	124

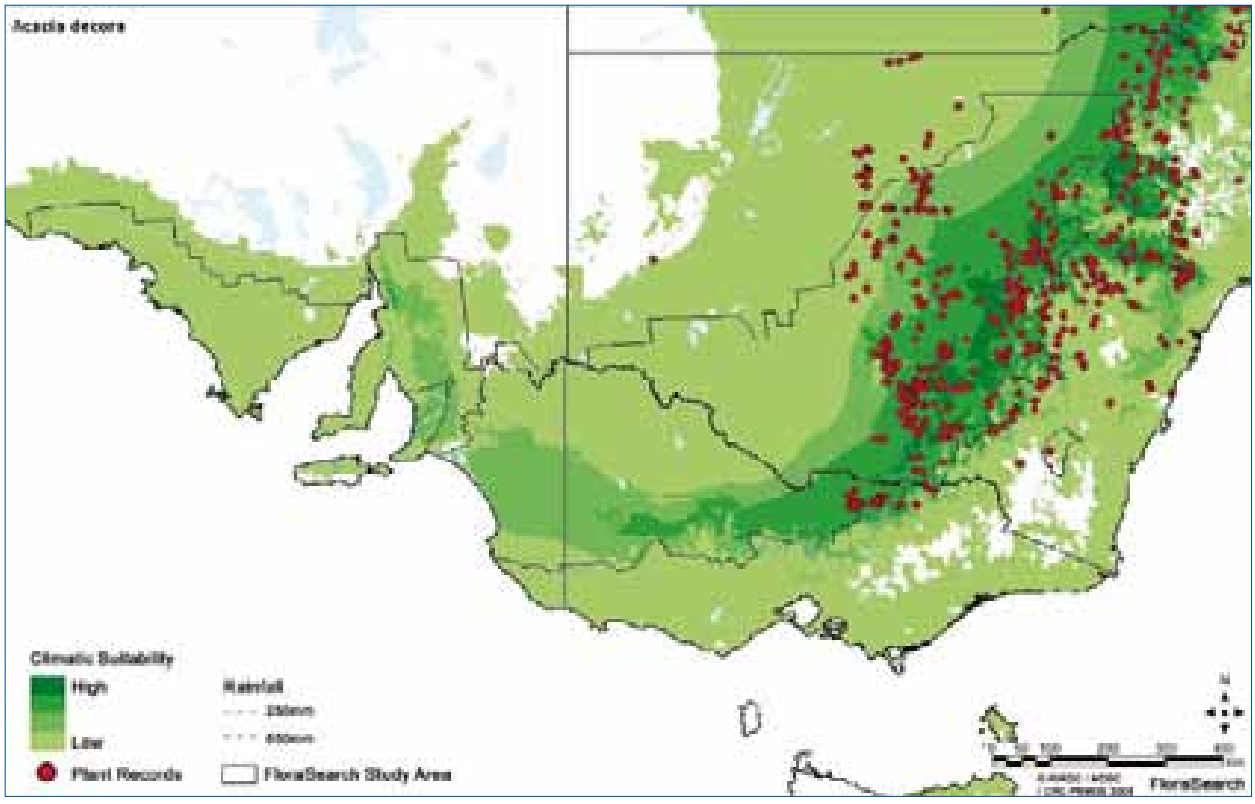
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.83	781	1.12		16.4	4.9		13.7	52.7	7.4	M



Fabaceae	*Acacia decora*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	5		1	148	254	331	322	89	105	335	457	70

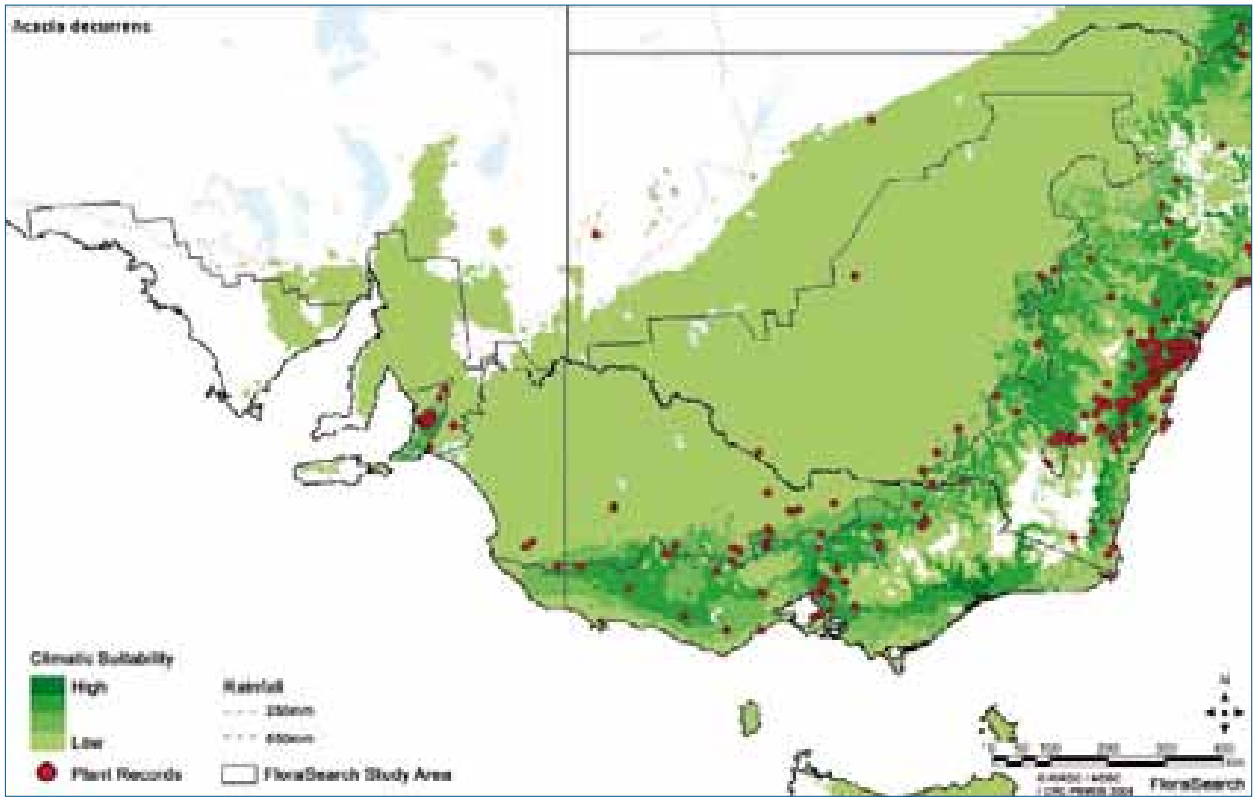
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.69	793	0.43					9.6	65.4	9.4	



Fabaceae	*Acacia decurrens*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	8		1	4	13	23	336	49	83	199	45	1

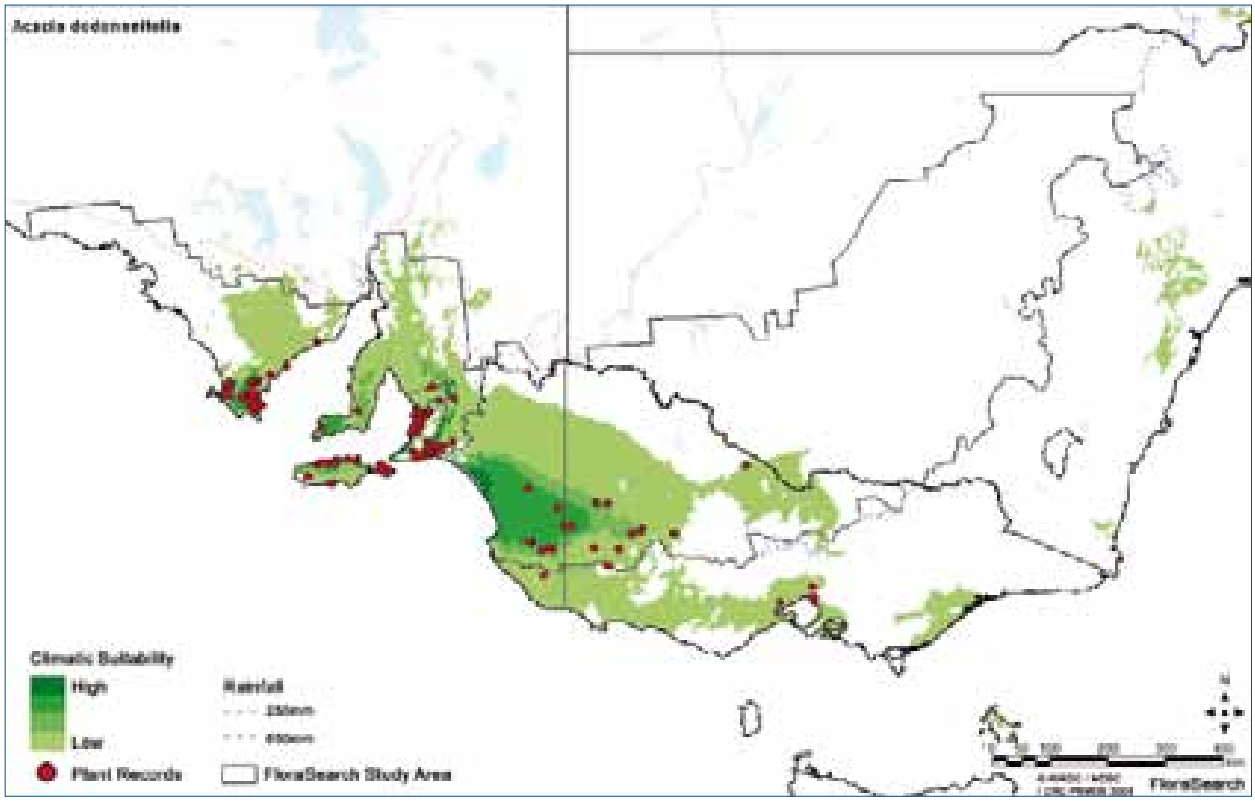
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.46 a	791 a	2.14					14.3	50	7	



Fabaceae	*Acacia dodonaeifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
7	5		3	45	107	64	40	119	73	20	25	22

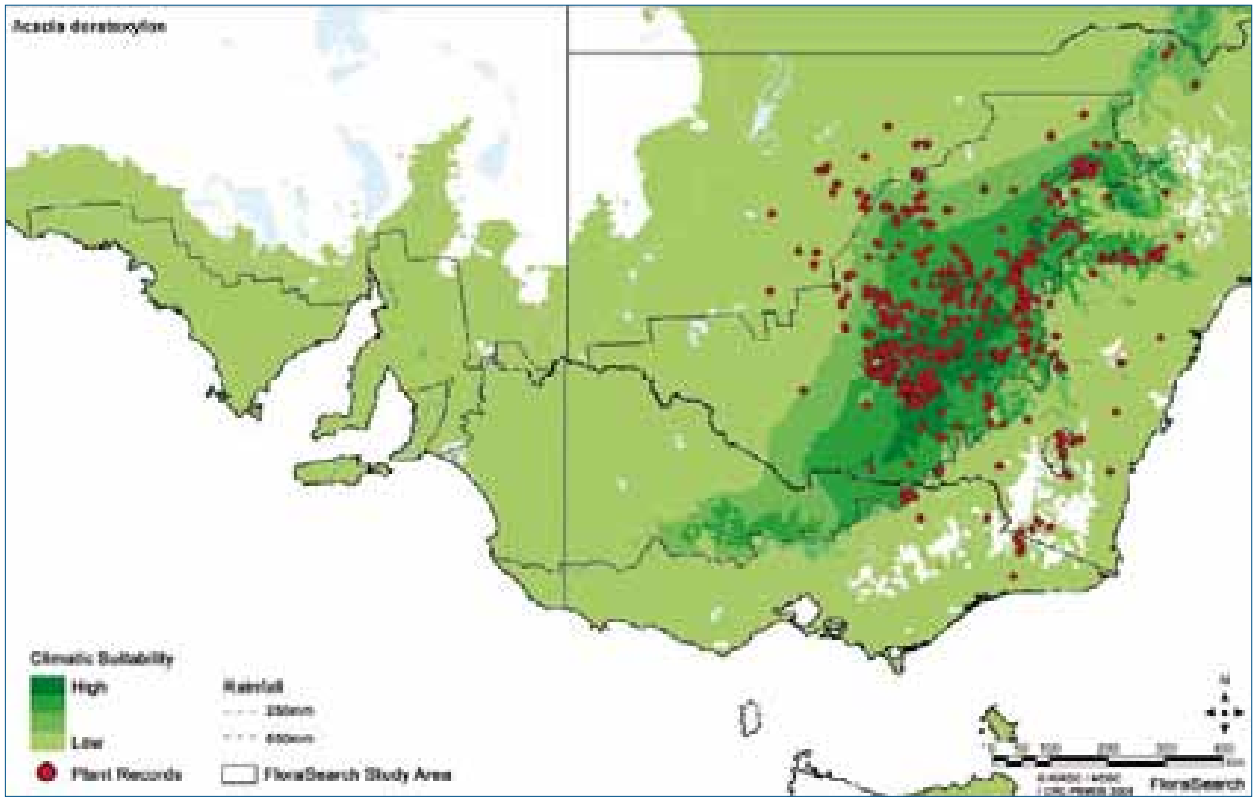
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia doratoxylon*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	6		12	288	322	187	138	97	94	545	187	24

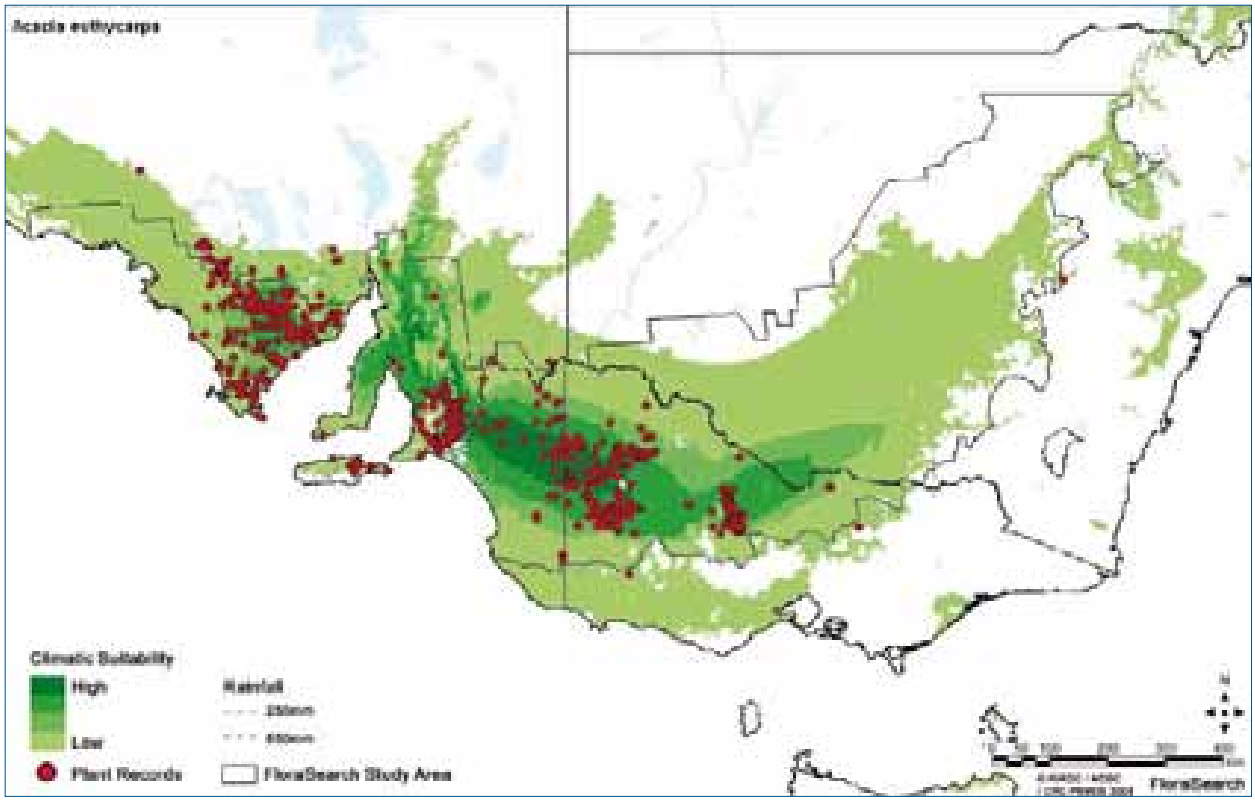
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
4.88 a	884 a	3.37					13.5	46.7	6.4	M



Fabaceae	*Acacia euthycarpa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4	12	335	403	218	12	12	618	232	75	28	39

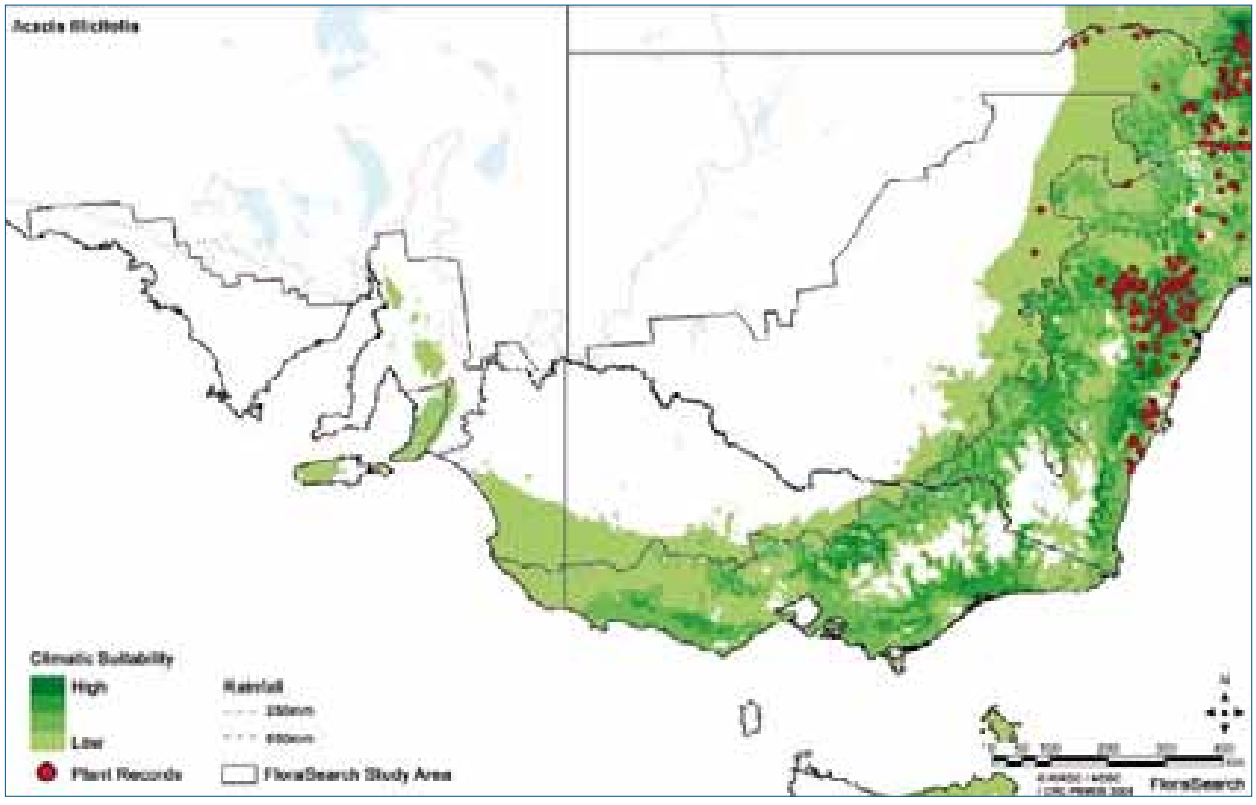
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.08	729	1.22		9.9	4.1		11.7	54.5	7.7	



Fabaceae	*Acacia filicifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
14	8				2	17	299	53	60	125	71	9

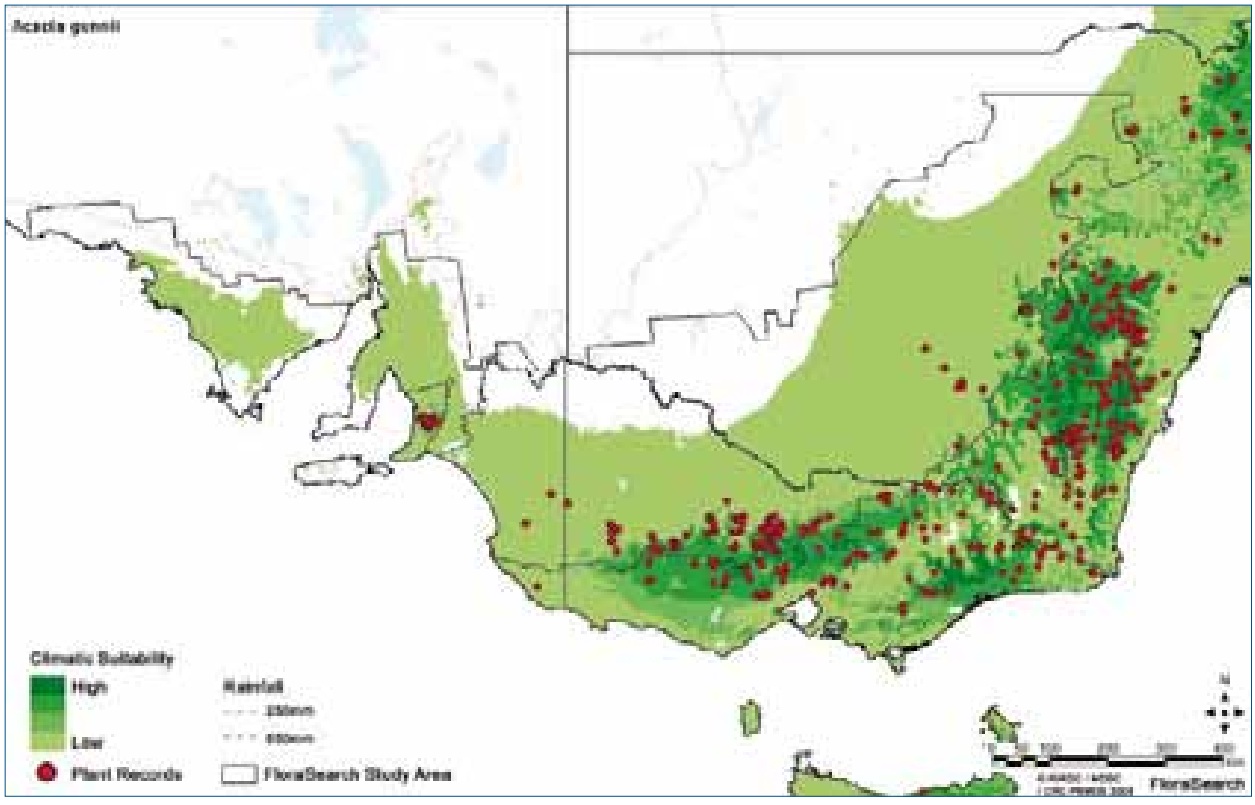
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.55 a	642 a	0.78								



Fabaceae	*Acacia gunnii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
1	2			10	108	77	530	76	190	331	124	4

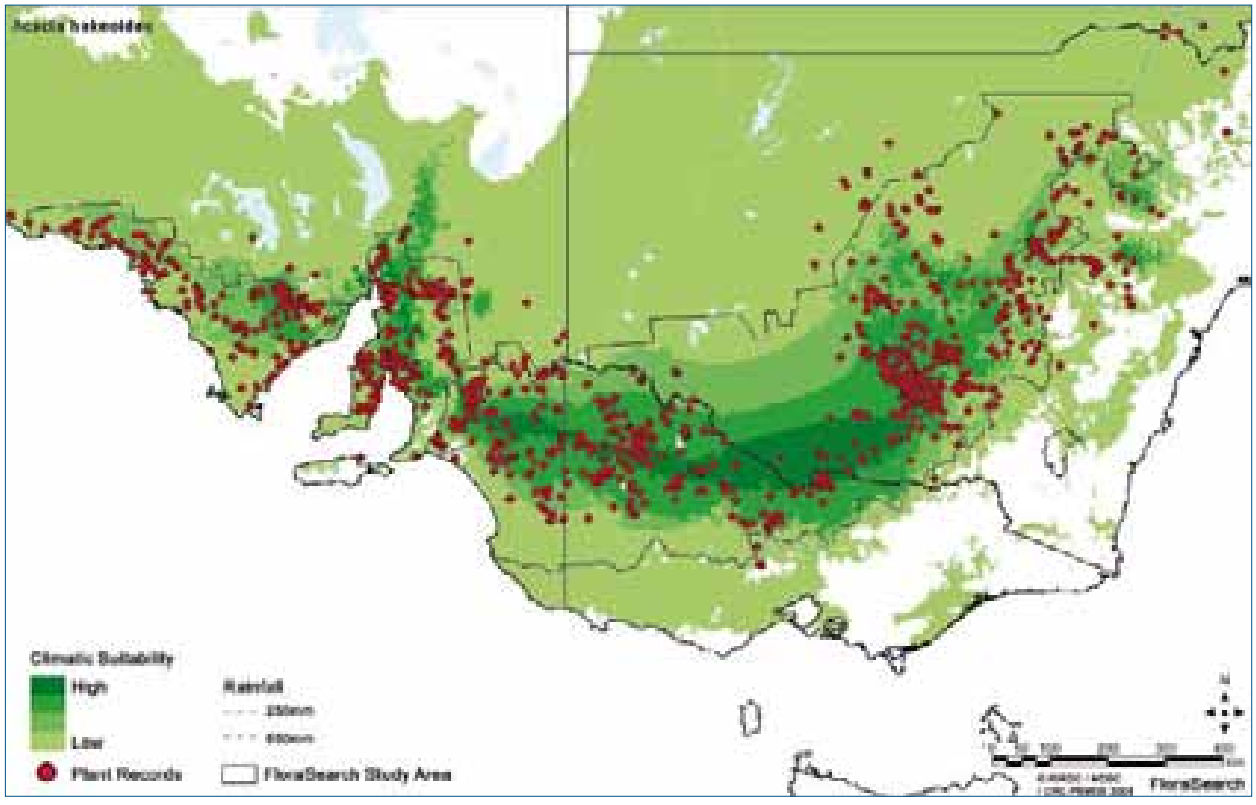
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia hakeoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4	18	479	459	295	149	50	655	144	285	291	75

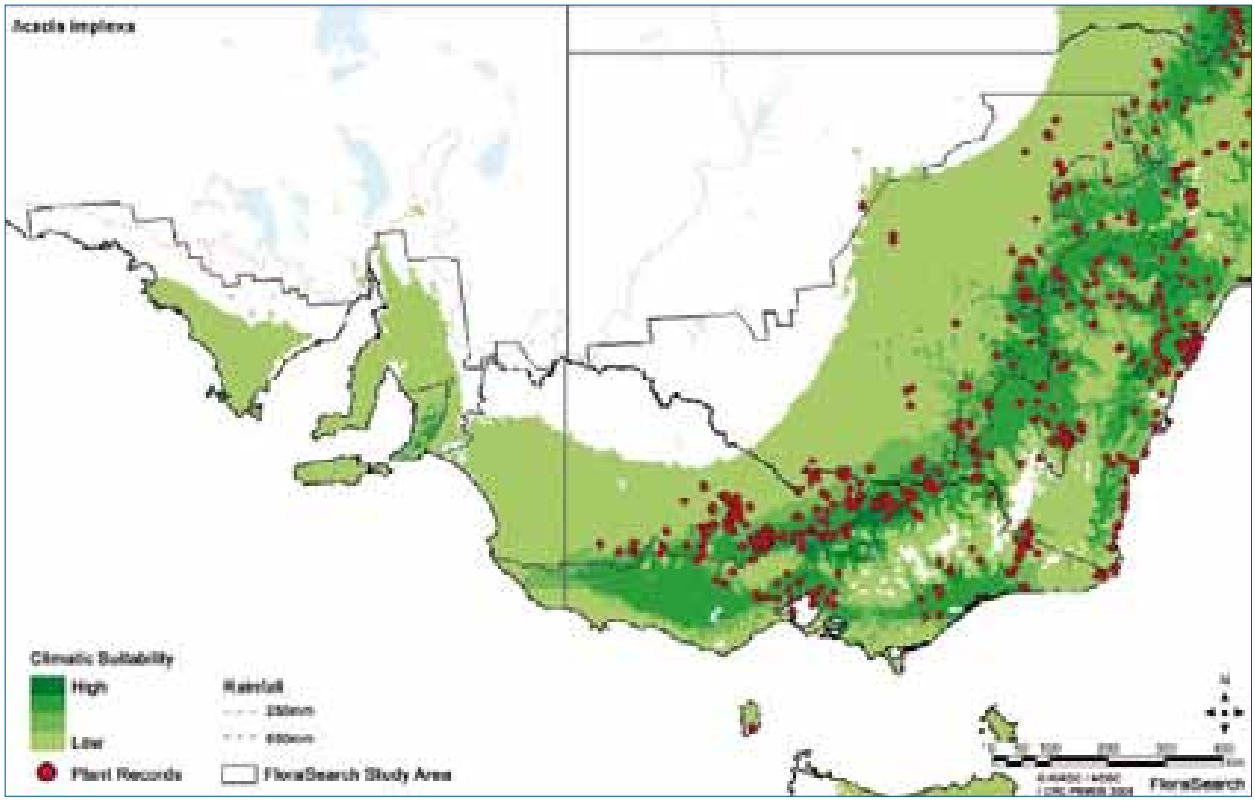
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.05 a	856 a	0.7								N



Fabaceae	*Acacia implexa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	7			44	94	172	438	95	135	275	208	35

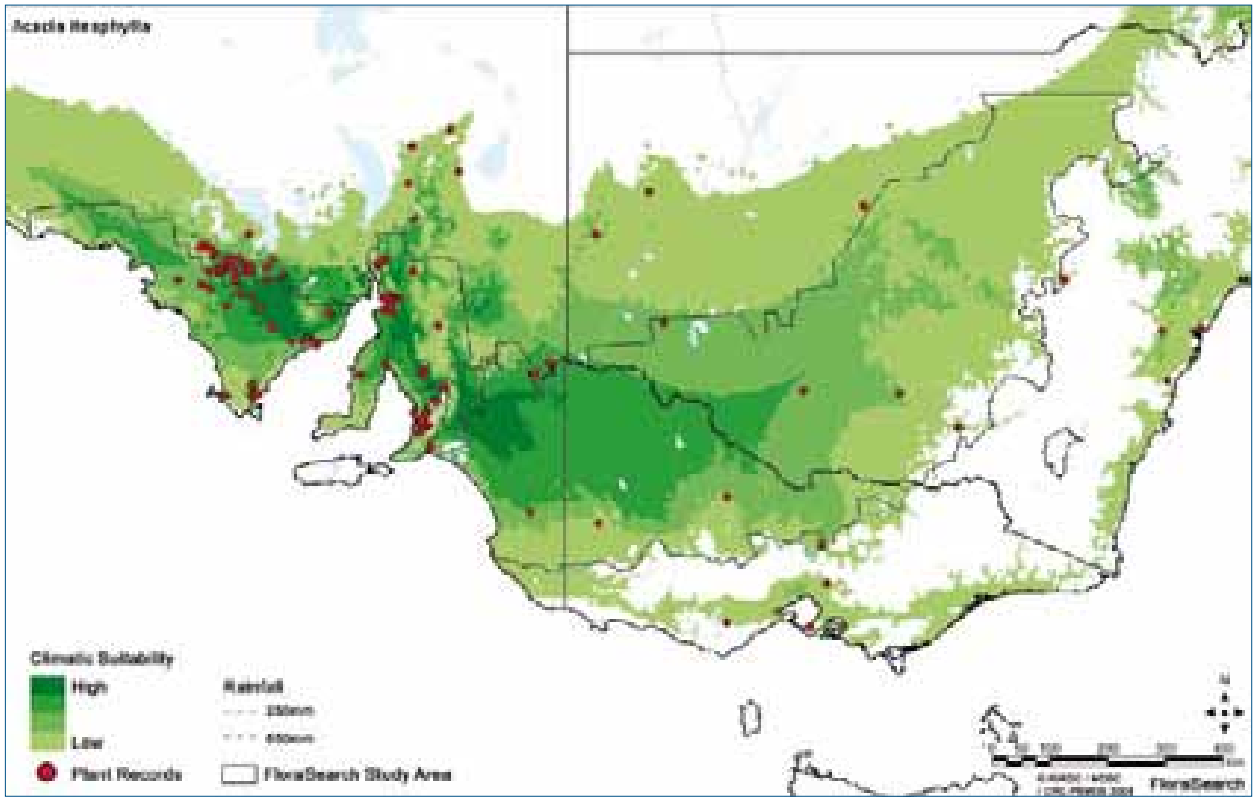
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.15	779 a	1.31					15.4	55	7.8	L



Fabaceae	*Acacia iteaphylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	6	12	75	39	40	10	15	136	21	17	8	9

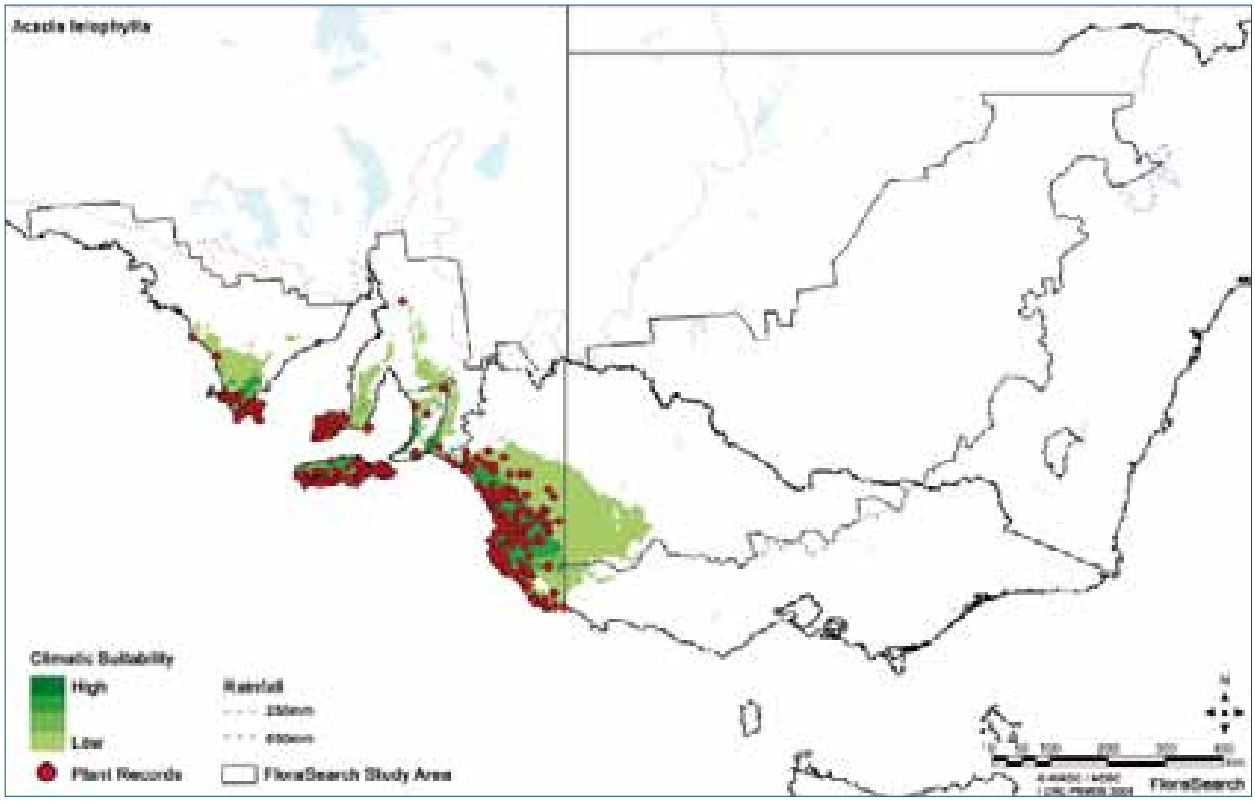
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia leiophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2.5		1	68	231	94	99	352	114	17	7	3

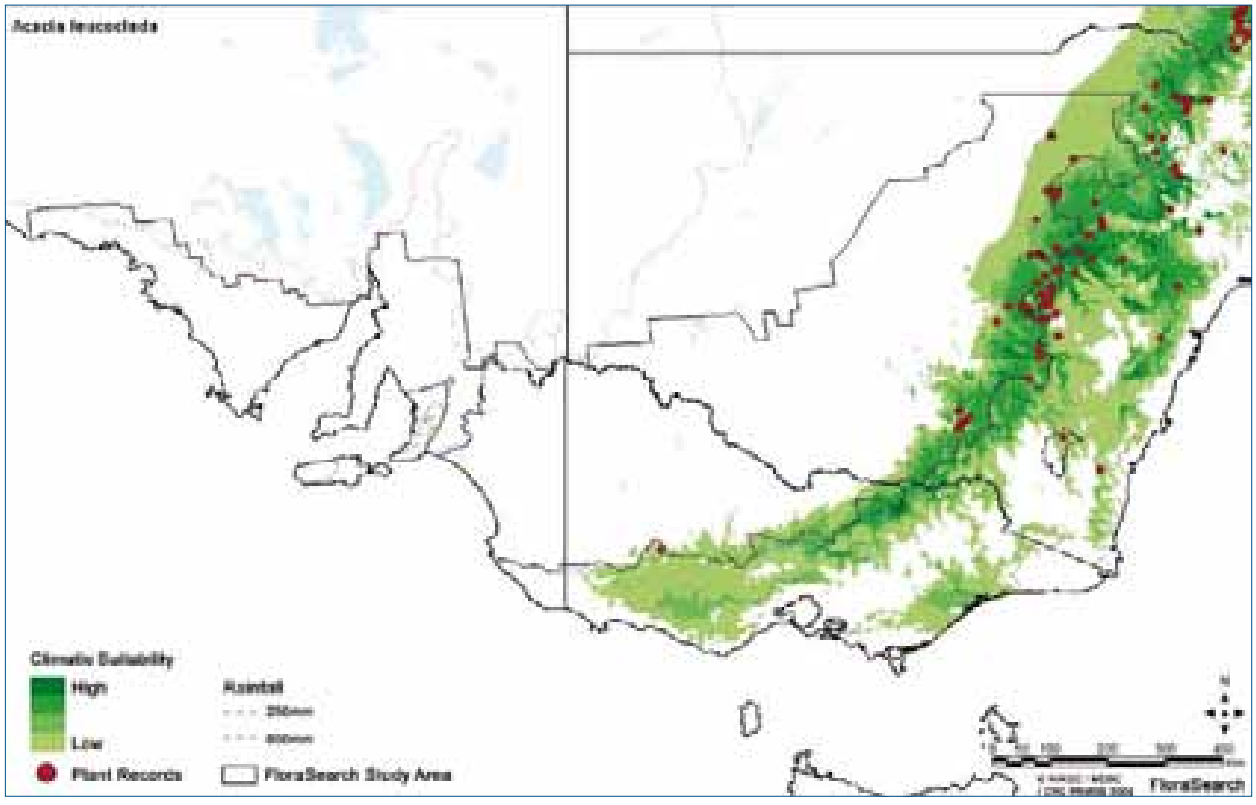
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia leucoclada*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	6				4	37	141	9	16	74	76	7

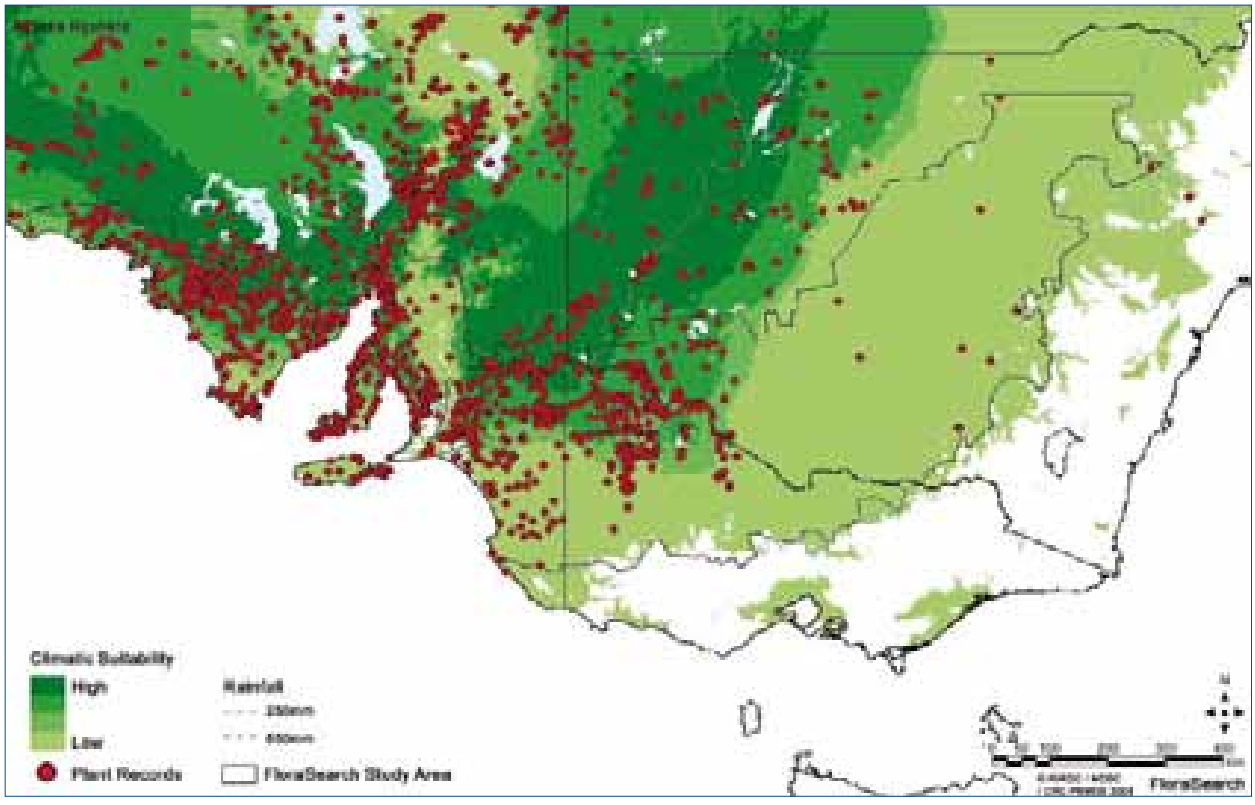
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.32 a	627	1.63	49.1				17.2	48.1	6.7	



Fabaceae	*Acacia ligulata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	4	370	1289	375	162	37	17	1370	224	282	203	171

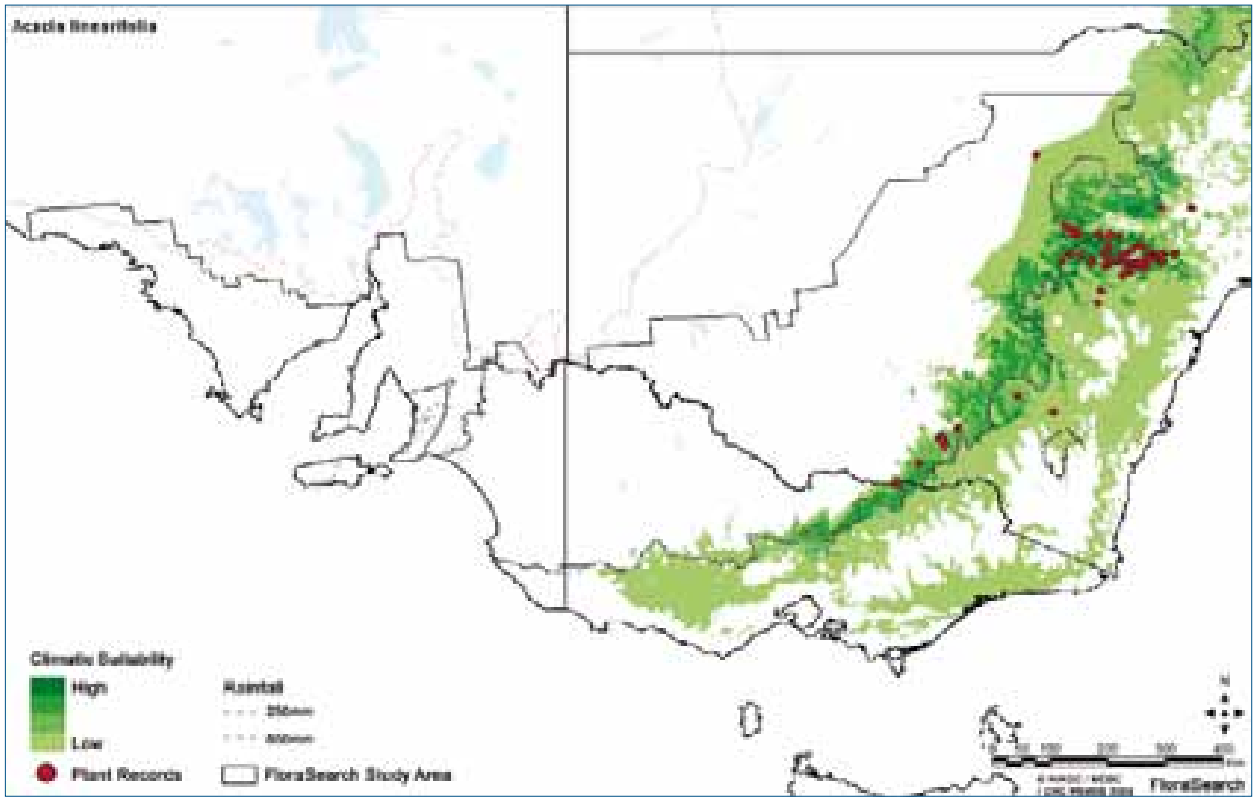
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.76 a	916 a	1.25								M



Fabaceae	*Acacia linearifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	3.5				6	122	32	14	45	51	39	11

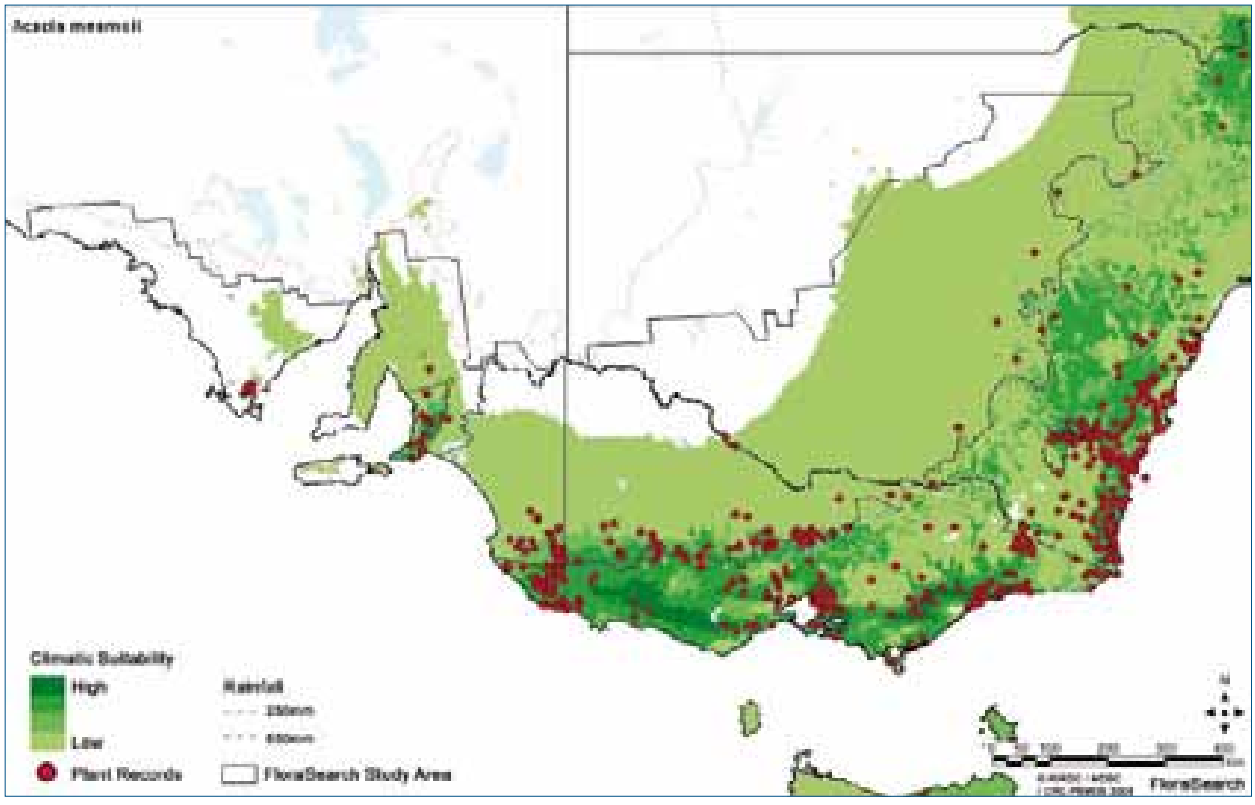
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	766 a									



Fabaceae	*Acacia mearnsii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	10		2	6	67	156	525	226	117	296	111	6

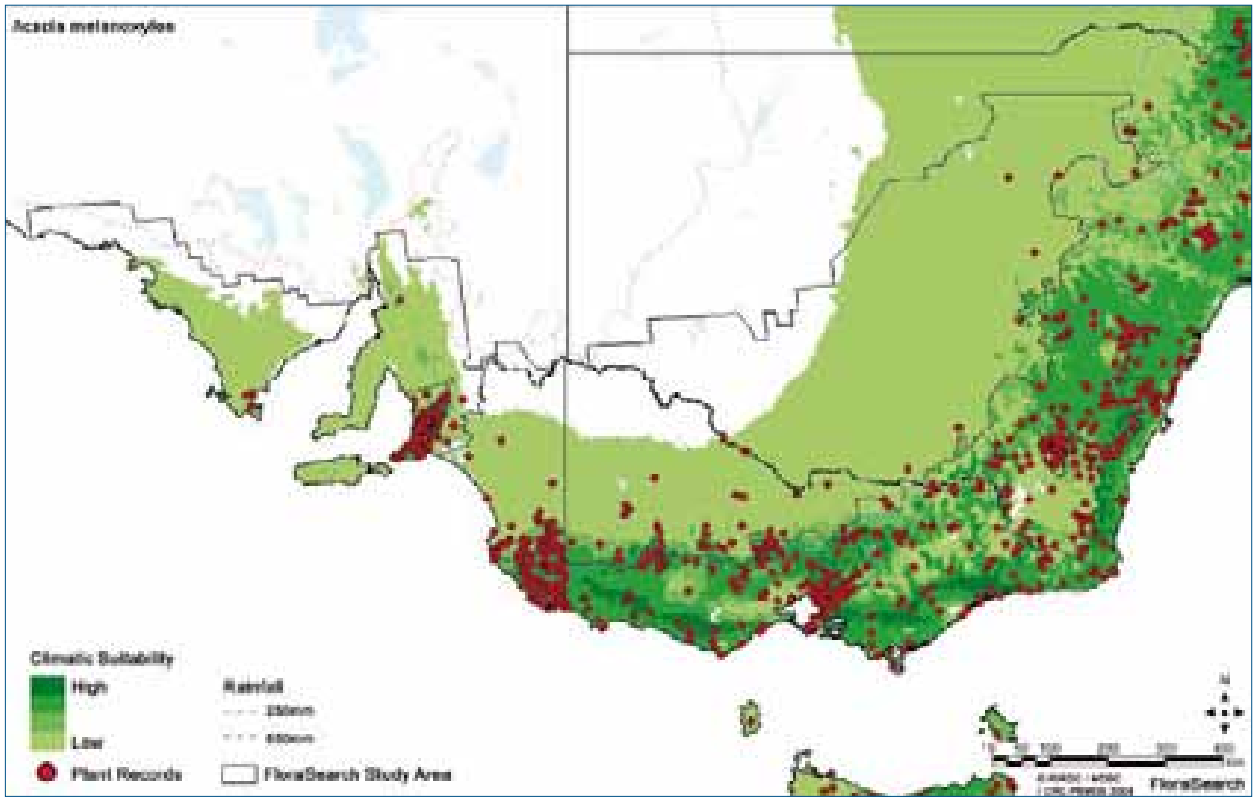
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.66 a	756 a	1.57	54.8 c							



Fabaceae | *Acacia melanoxylon*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	15		6	41	75	168	1304	355	332	431	460	16

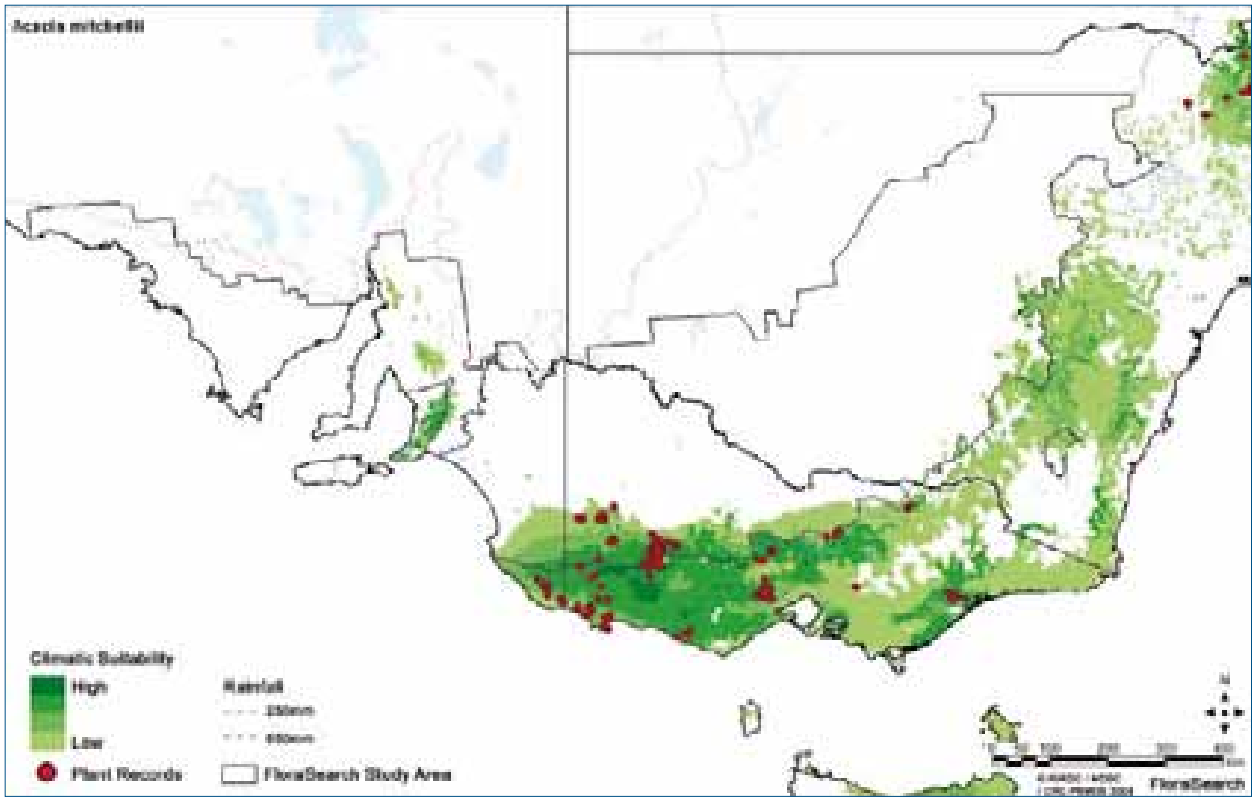
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.19 a	599 a	1.02	55.9 c				13	42.2	5.7	



Fabaceae	*Acacia mitchellii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	4			6	21	31	170	91	42	45	49	1

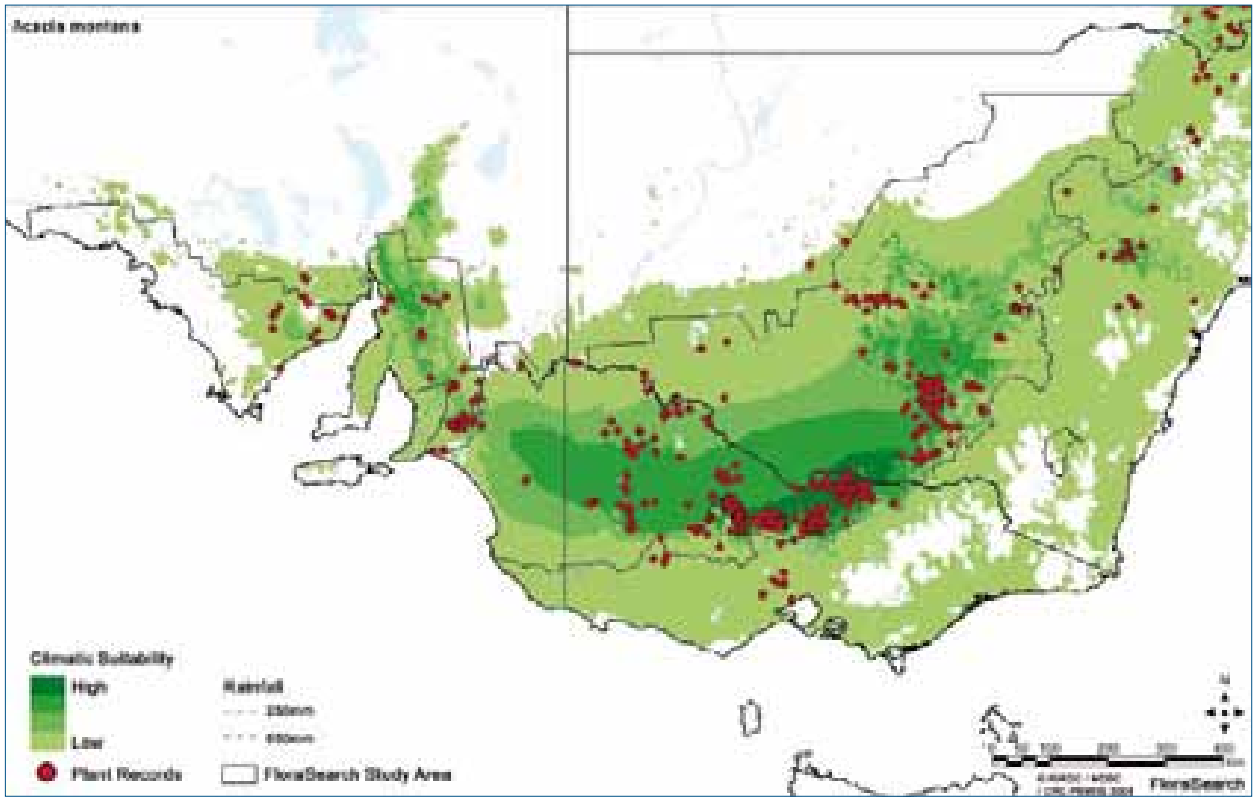
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia montana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	5	3	119	190	408	86	54	102	217	231	273	37

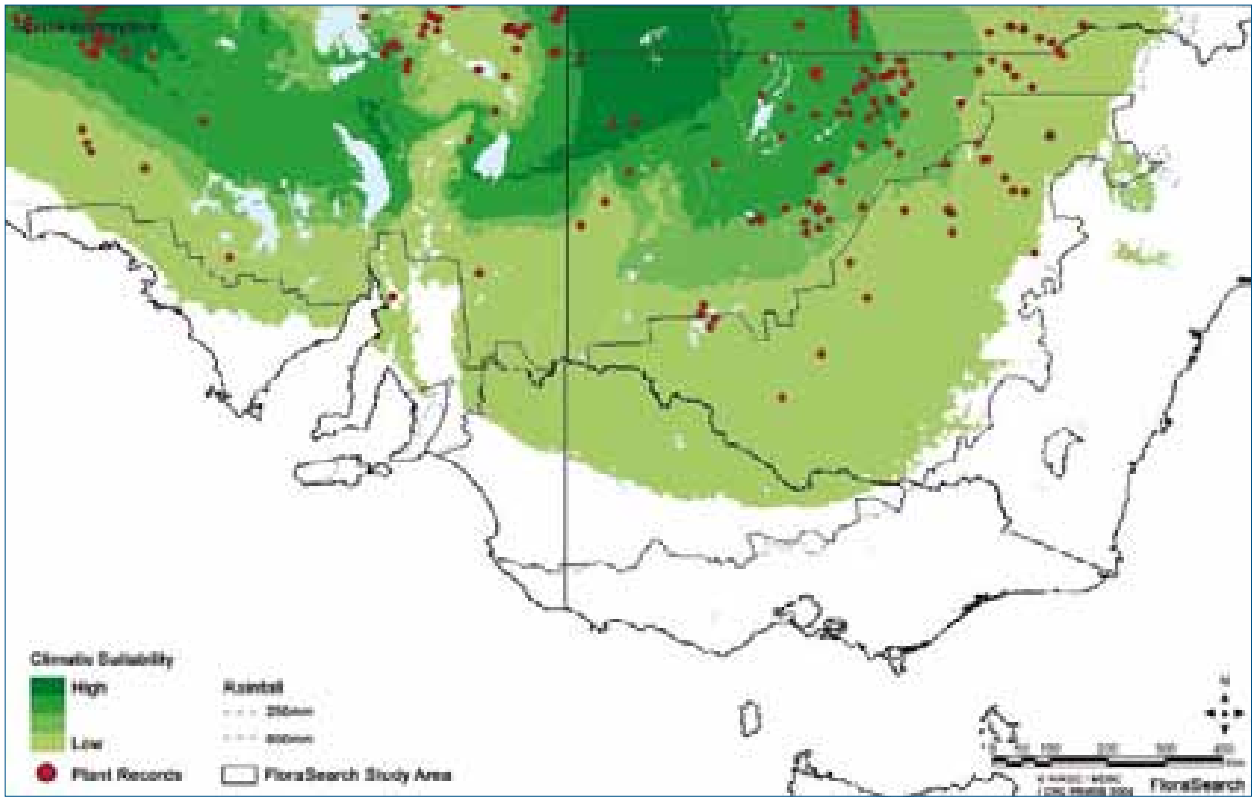
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										M



Fabaceae	*Acacia murrayana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	7	14	77	91	40	3		53	19	16	55	82

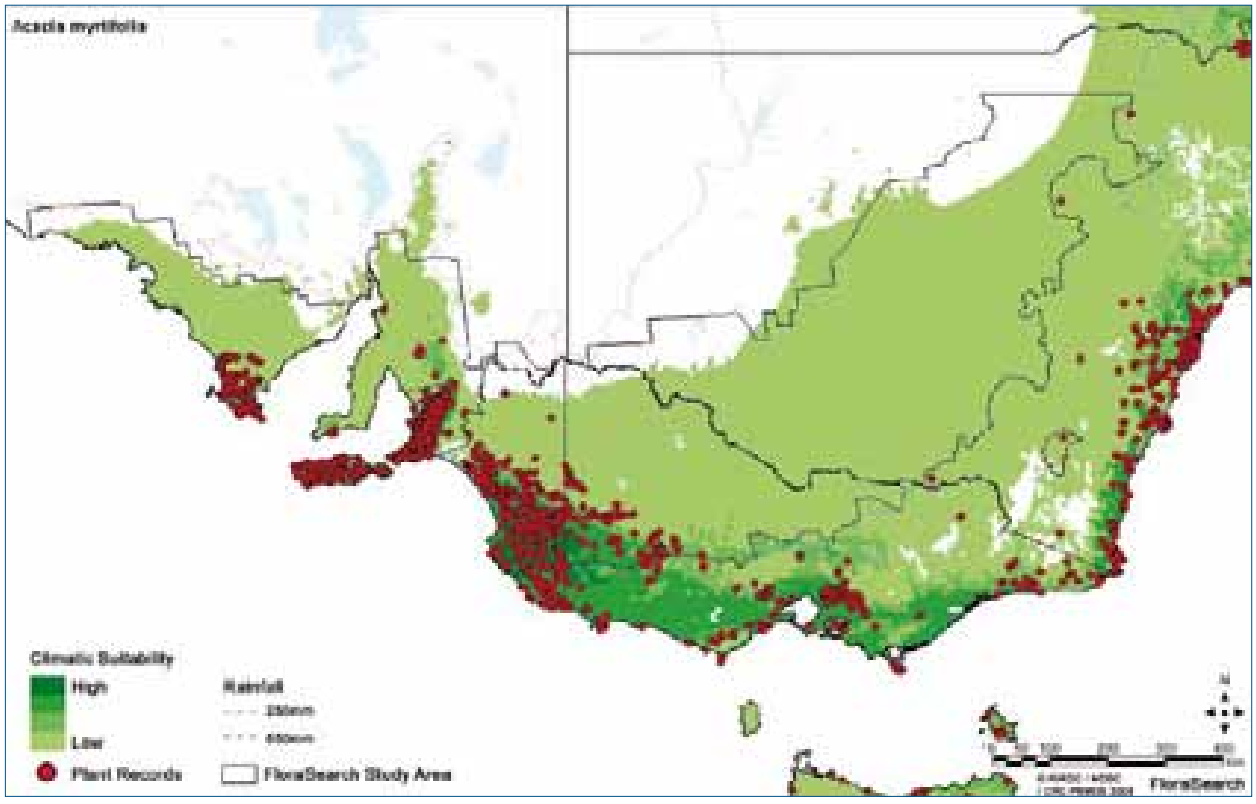
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.66	692 w	1.44	43.4 w	14.9	5.3		15.5	44.9	6.2	M



Fabaceae	*Acacia myrtifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3		8	149	464	324	1933	1112	1052	521	173	20

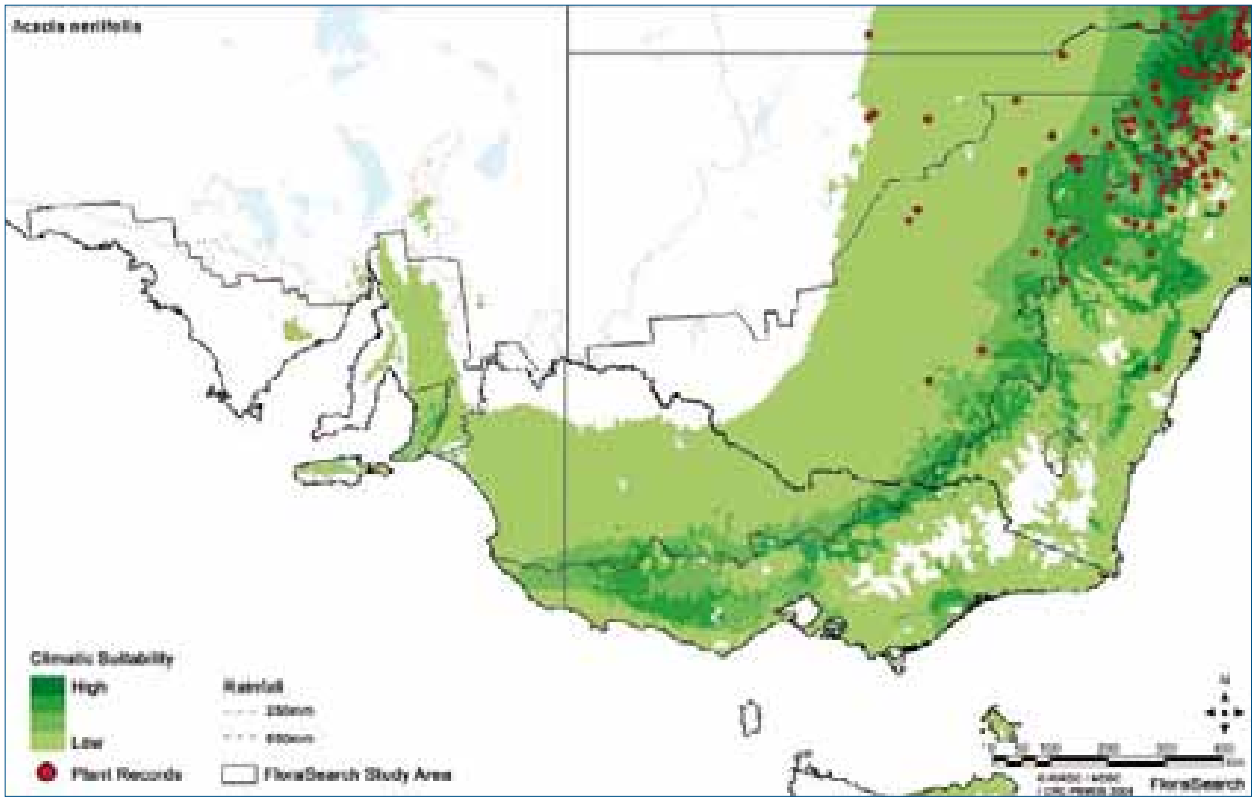
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.46										



Fabaceae	*Acacia neriifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	3		1	5	7	61	247	41	44	48	169	19

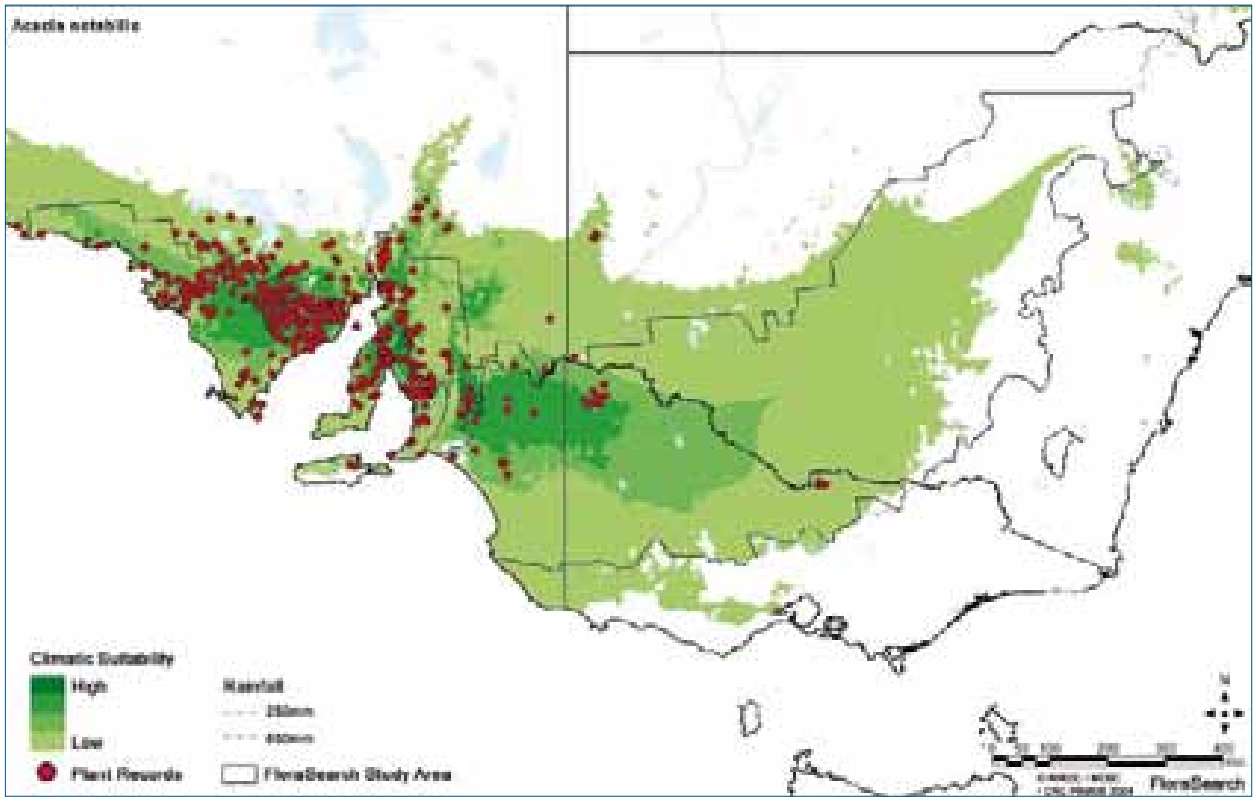
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.72 a	811 a	1.09								M



Fabaceae	*Acacia notabilis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	7	31	297	206	36	18	3	453	25	71	33	9

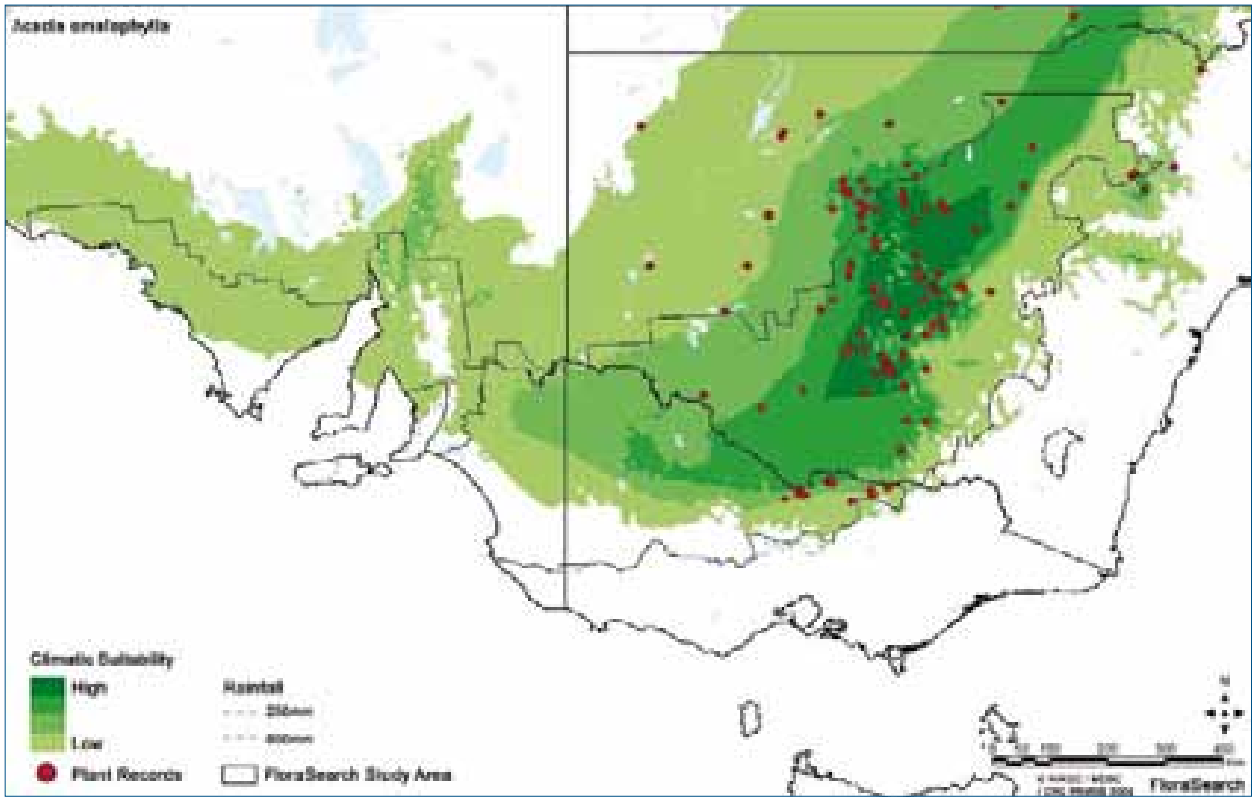
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.15	762	0.71		17	3.9					



Fabaceae	*Acacia omalophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	6		22	106	49	11	7	19	1	49	92	34

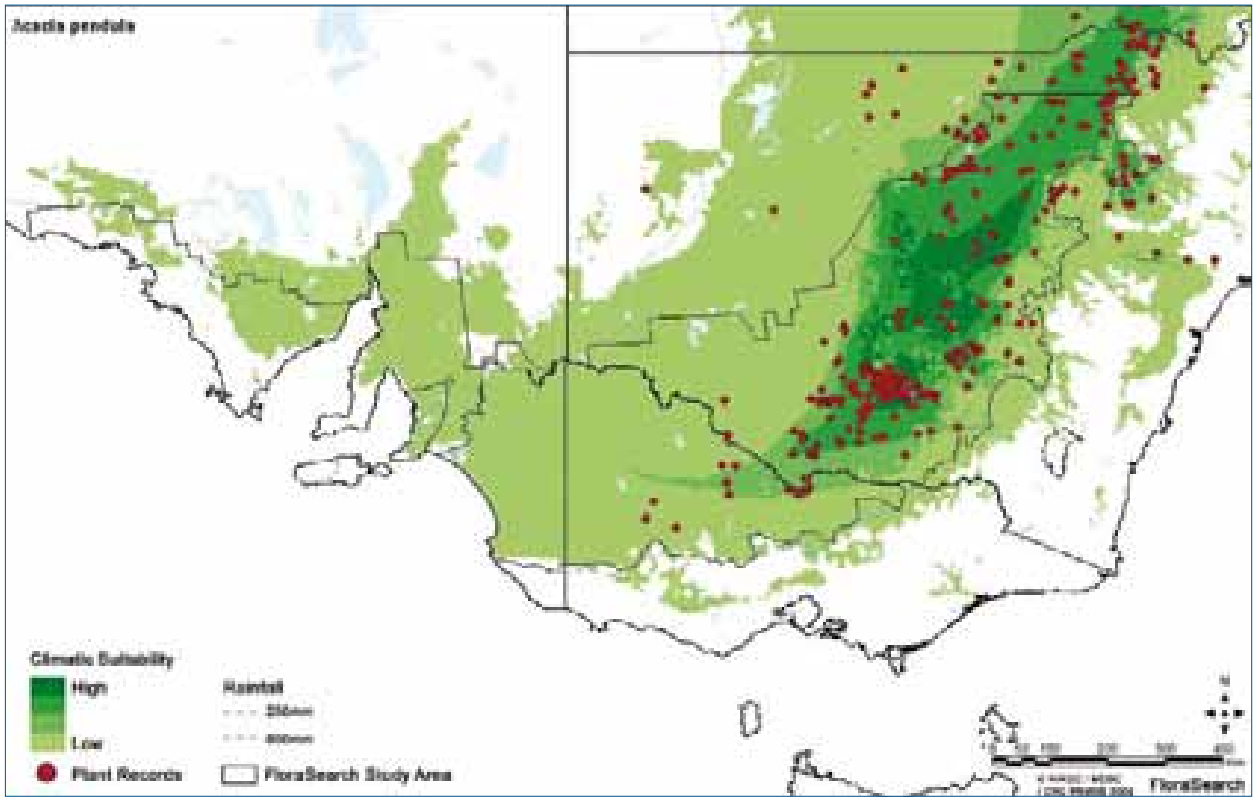
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.13	996	0.87		26.6	4.2		12.6	53.7	7.6	



Fabaceae	*Acacia pendula*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	8		6	195	138	89	26	19	10	45	183	197

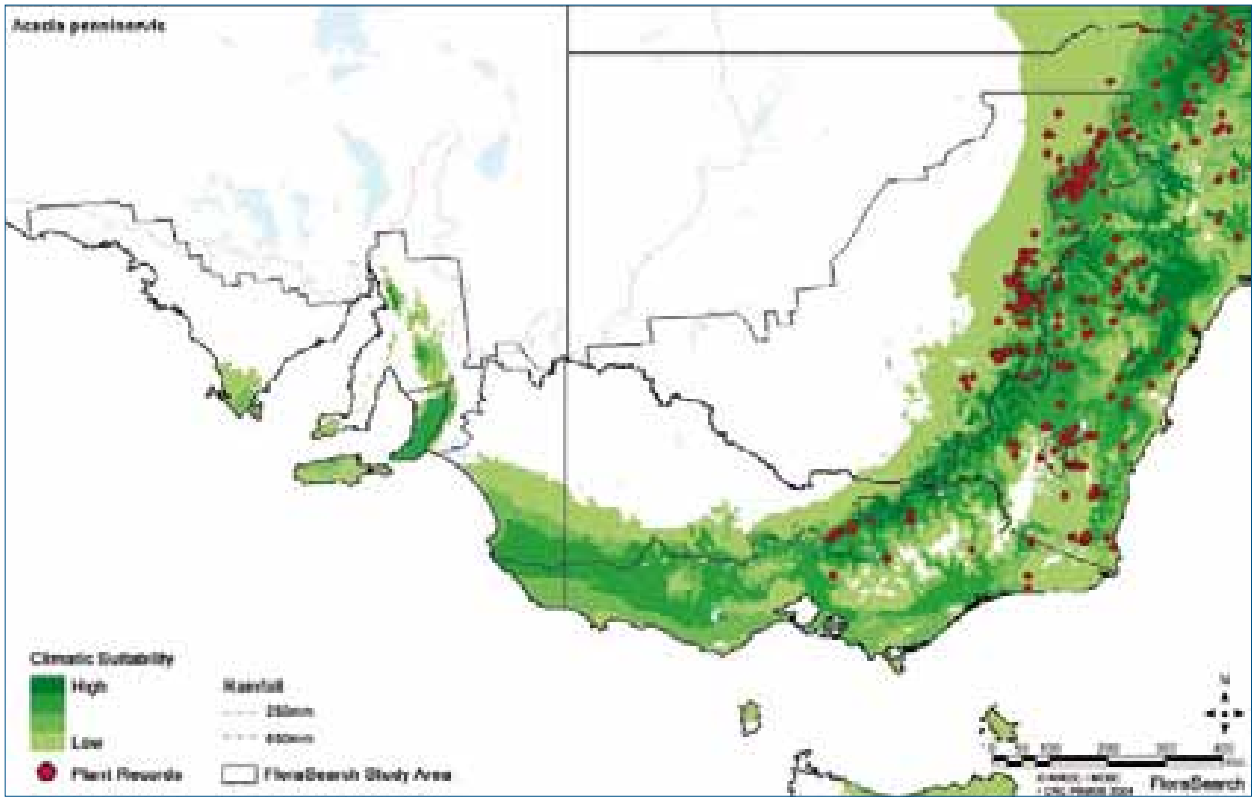
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.78	900	0.55					14.9	55.8	7.9	H



Fabaceae	*Acacia penninervis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	5			1	24	179	495	170	121	203	187	18

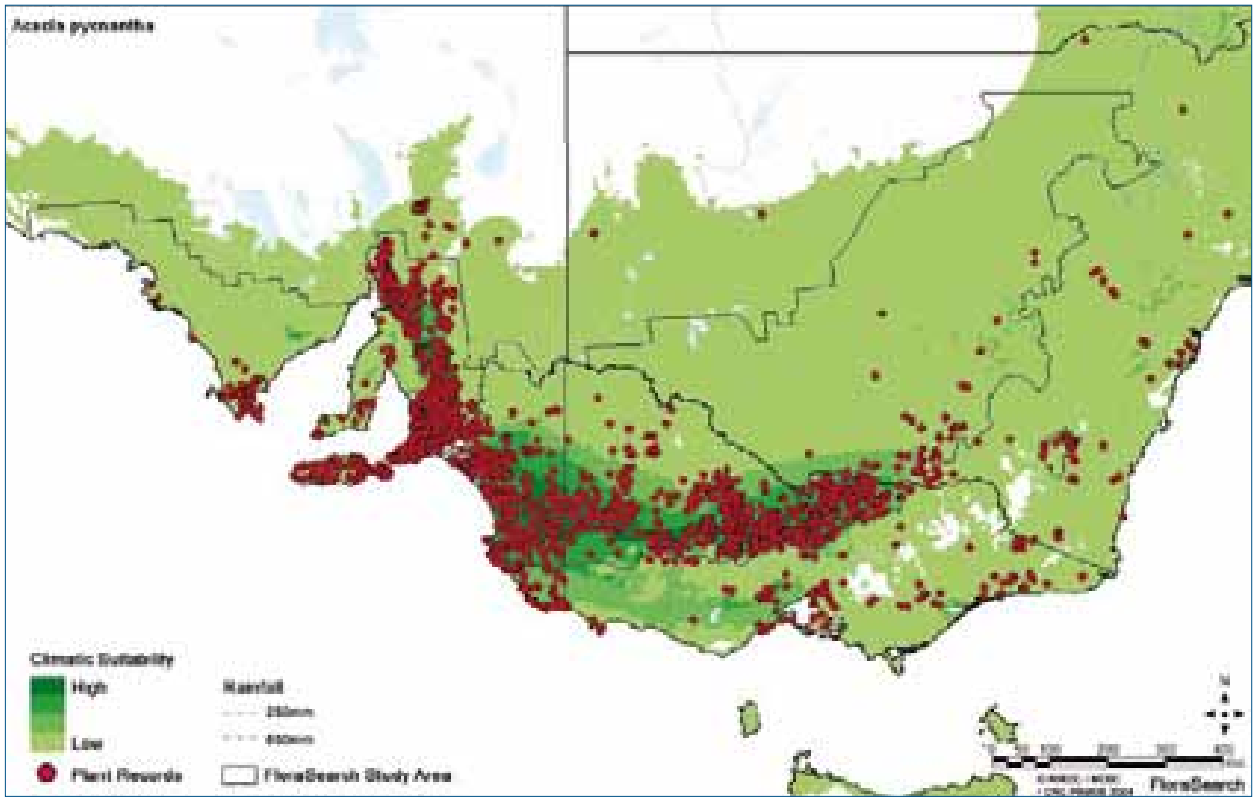
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.13	710	1.18		14.4	4.5					



Fabaceae | *Acacia pycnantha*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	6	1	126	723	1493	1261	1600	1268	2057	1097	641	141

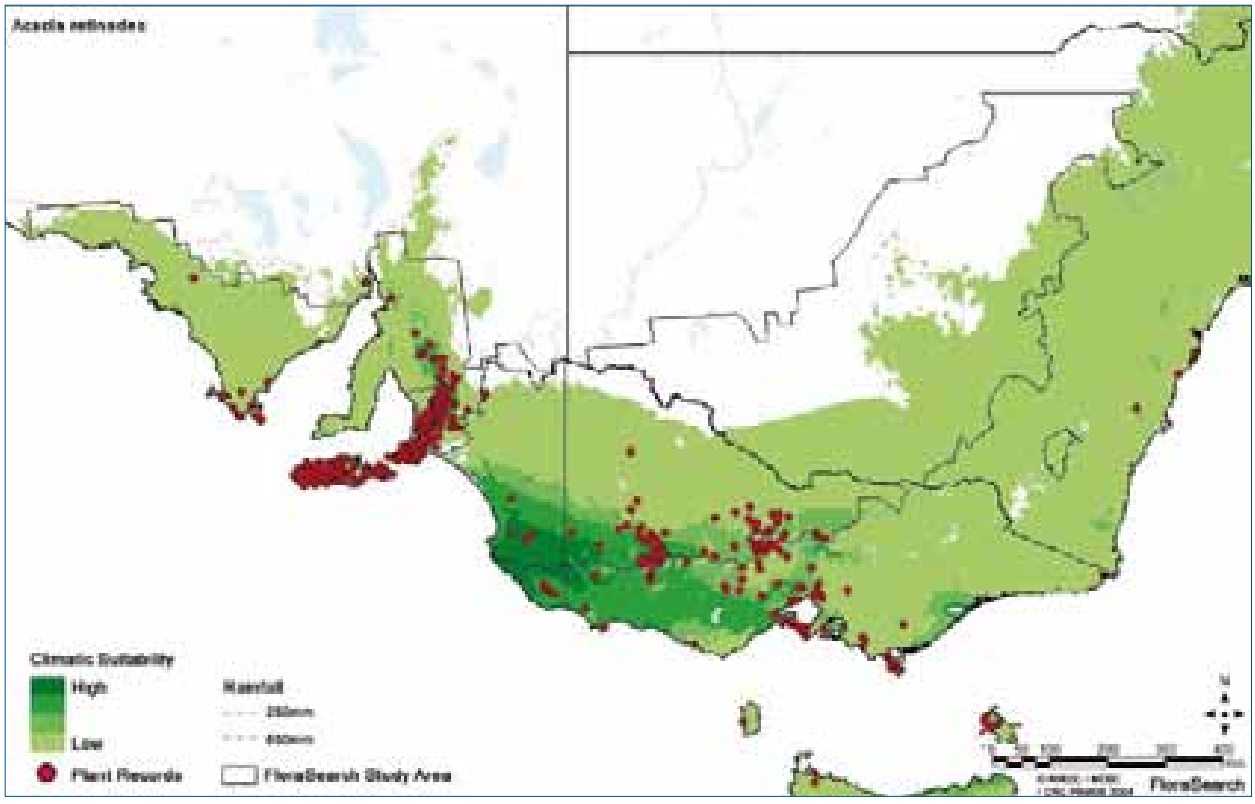
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.42 a	745 a	0.83					12.2	46.6	6.4	H



Fabaceae	*Acacia retinodes*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	7		8	31	150	185	638	293	354	208	144	13

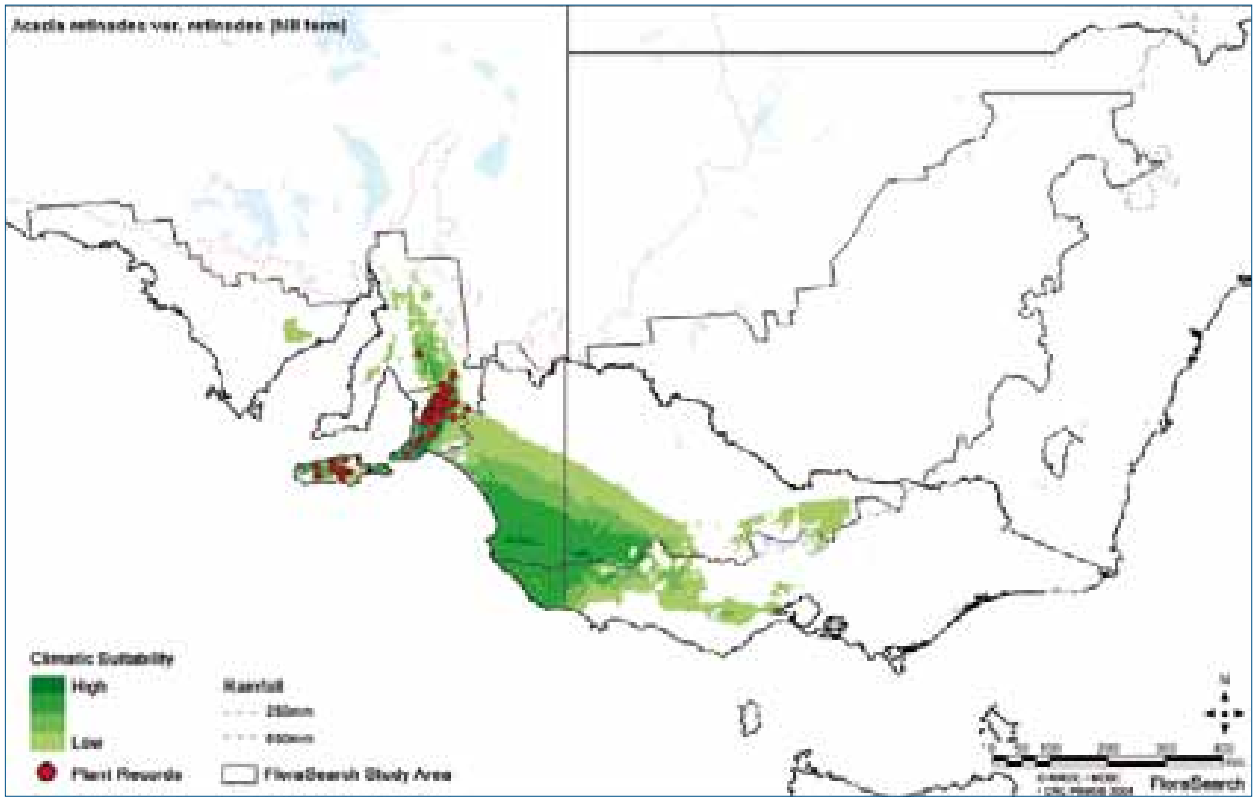
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
22.5	639	11.36	49.1	8.3	5.15		15.6	51.3	7.2	



Fabaceae	*Acacia retinodes* var. *retinodes* (hill form)

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	7		1	4	12	12	138	12	68	9	78	13

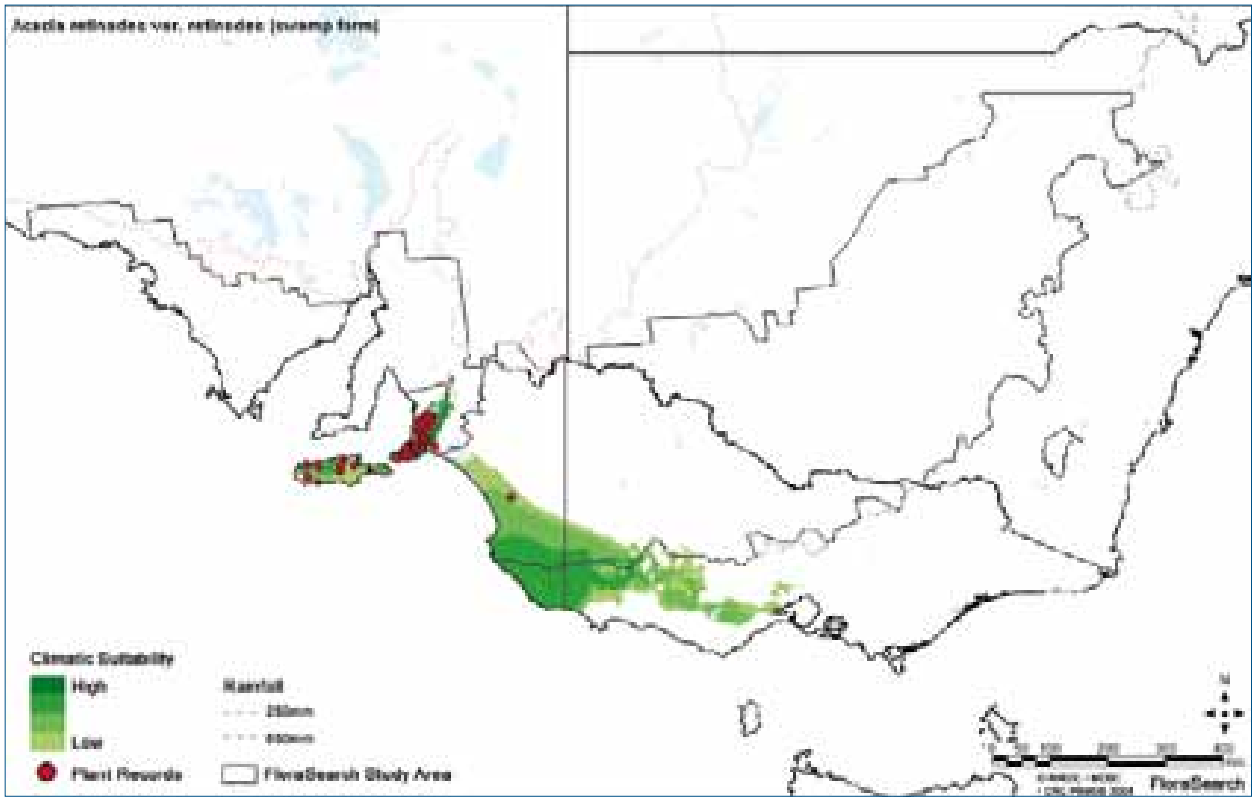
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
22.5	720	12.82	43.4	11.6	5.7		16.3	50.6	7.1	



Fabaceae	*Acacia retinodes* var. *retinodes* (swamp form)

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	7		8	3	4	5	76	11	41	30	6	13

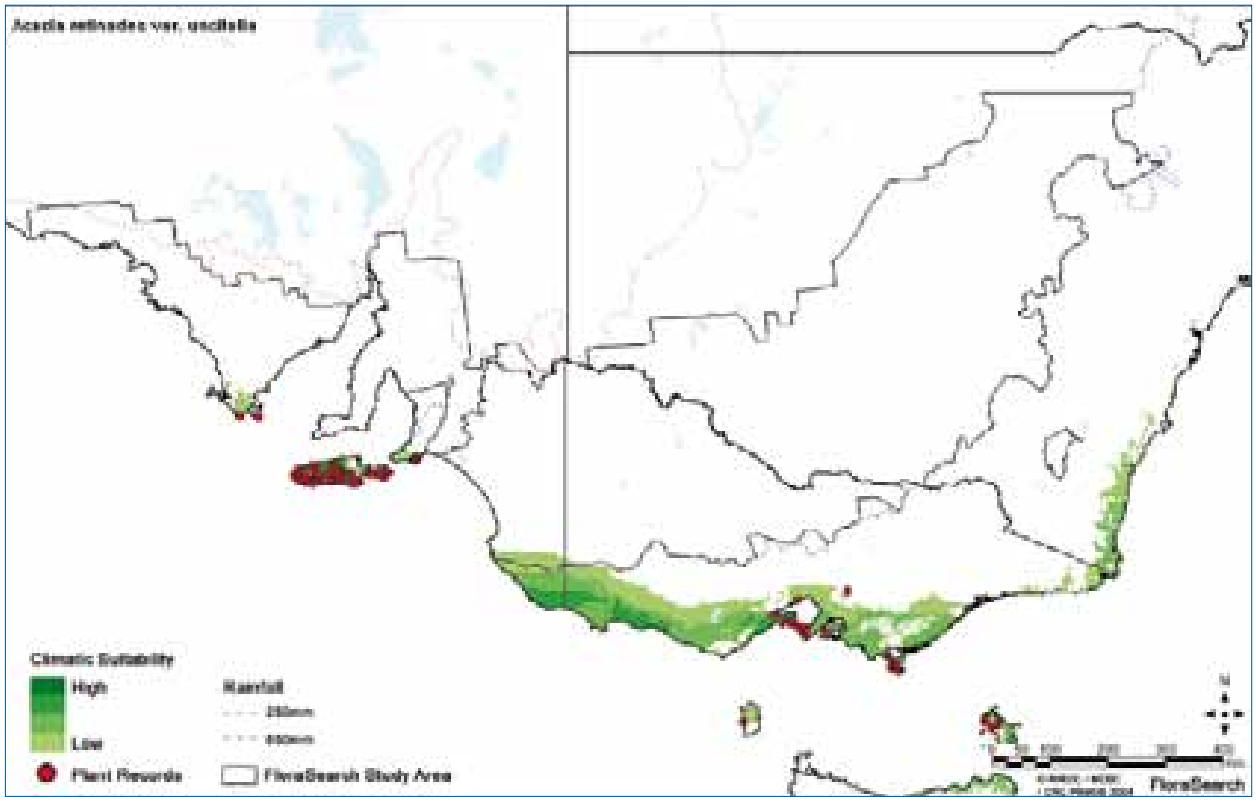
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.43 a	558 a	1.06	55.3	5	4.6		14.8	52	7.3	



Fabaceae	*Acacia retinodes* var. *uncifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	7		8	31	26	55	30	68	28	12	3	13

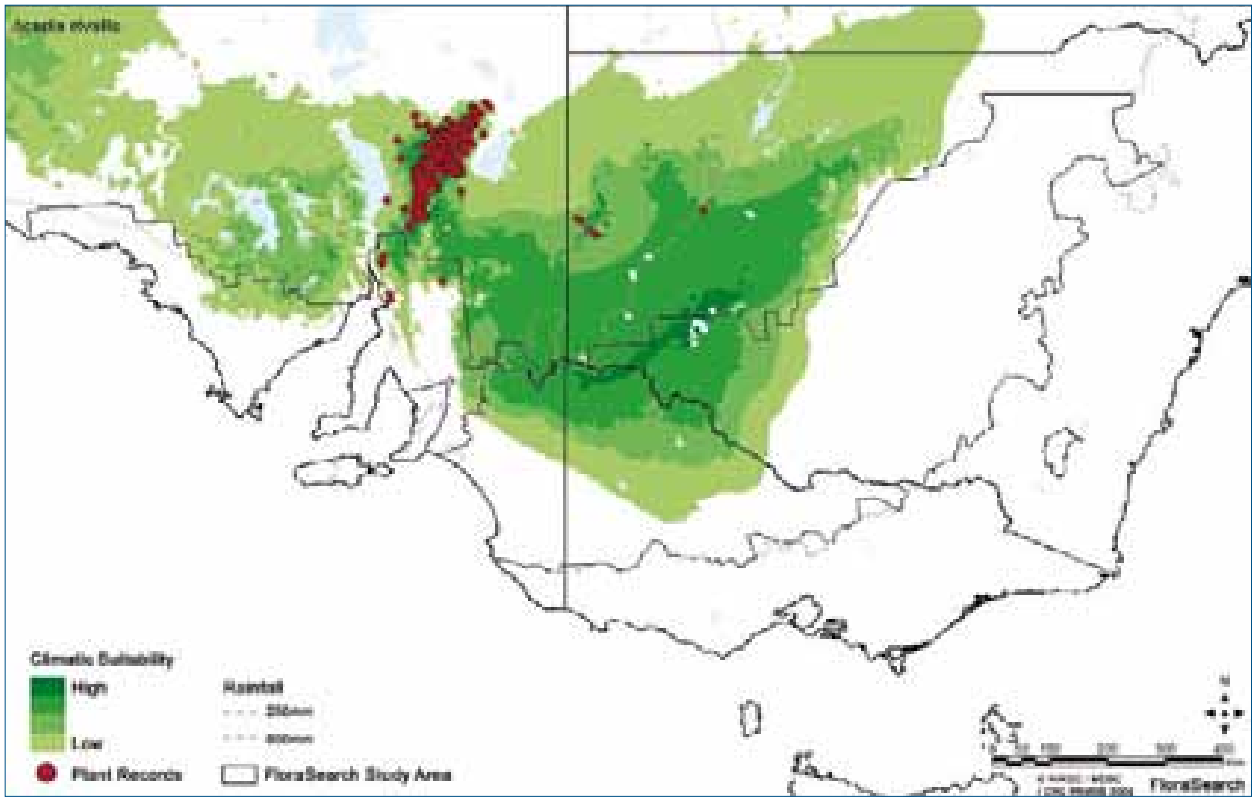
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Acacia rivalis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	6	6	90	11	3			41	16	48	5	

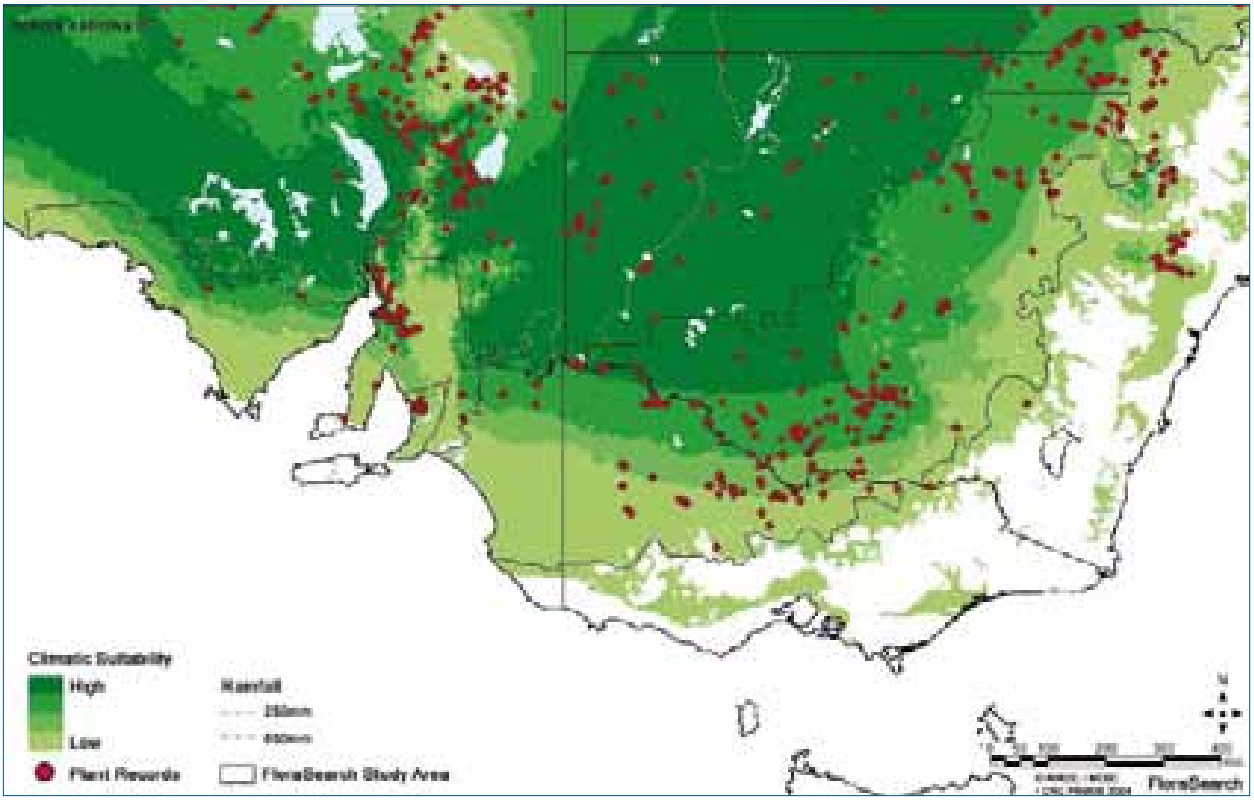
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										N



Fabaceae	*Acacia salicina*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
13	5	14	79	215	95	99	166	64	58	54	253	239

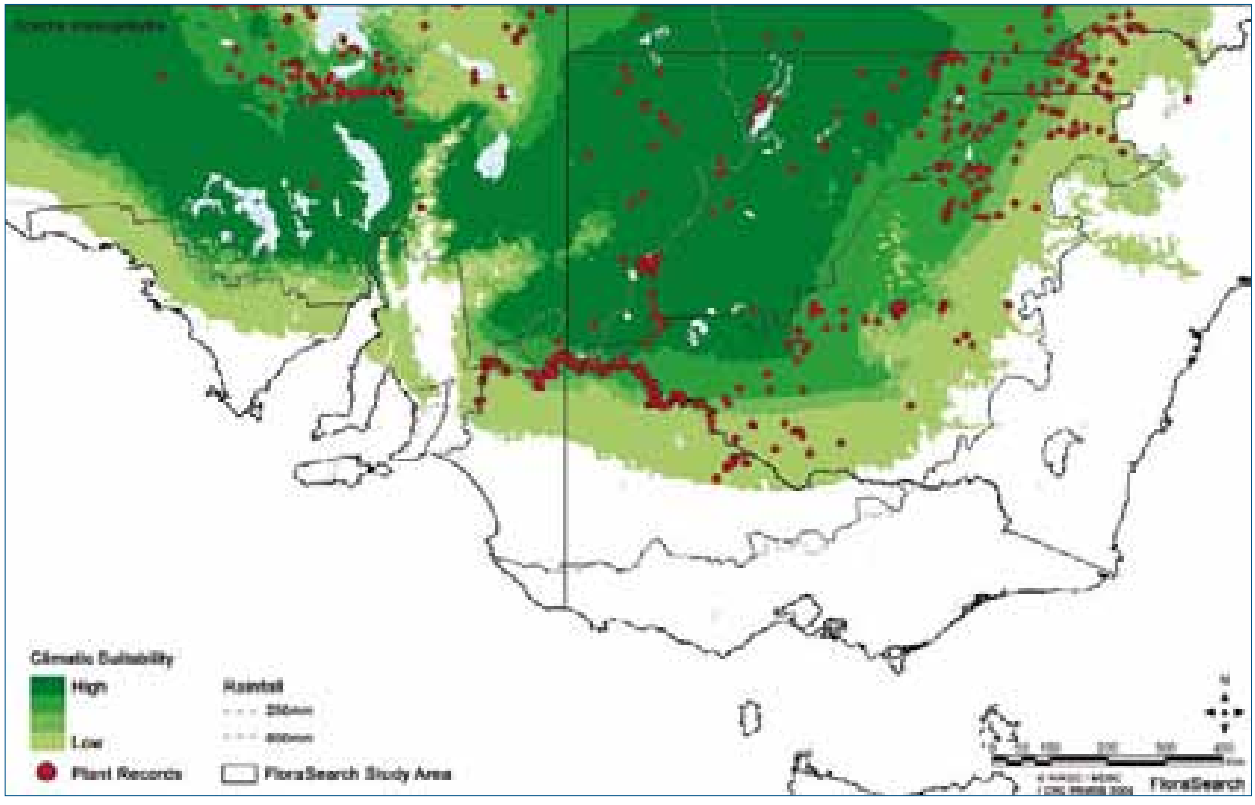
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
14.11 a	648 a	7.13	45.3				14.3	62.3	8.9	L



Fabaceae	*Acacia stenophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	8	63	342	139	92	54	9	53	8	26	79	533

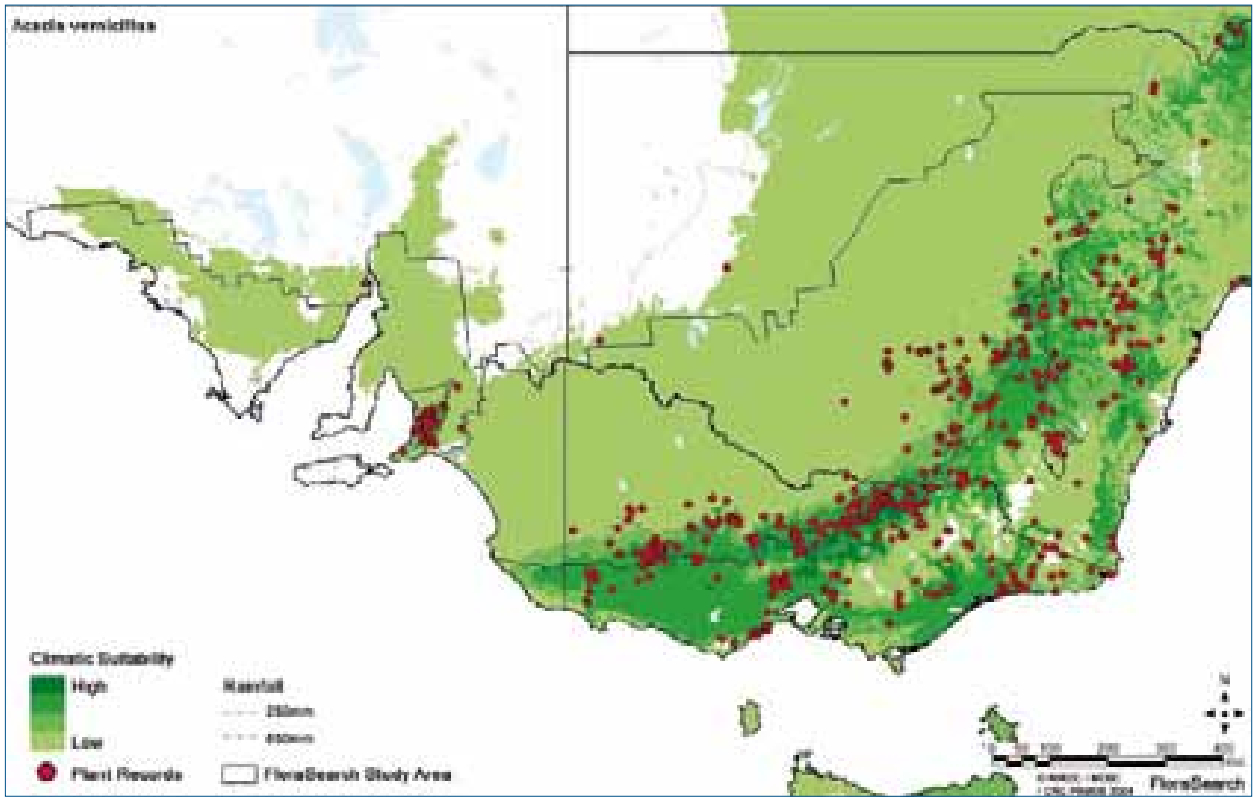
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.42 a	868 a	5.03					10.8	49.7	6.9	M



Fabaceae	*Acacia verniciflua*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	5	1	3	14	138	244	586	152	283	332	209	10

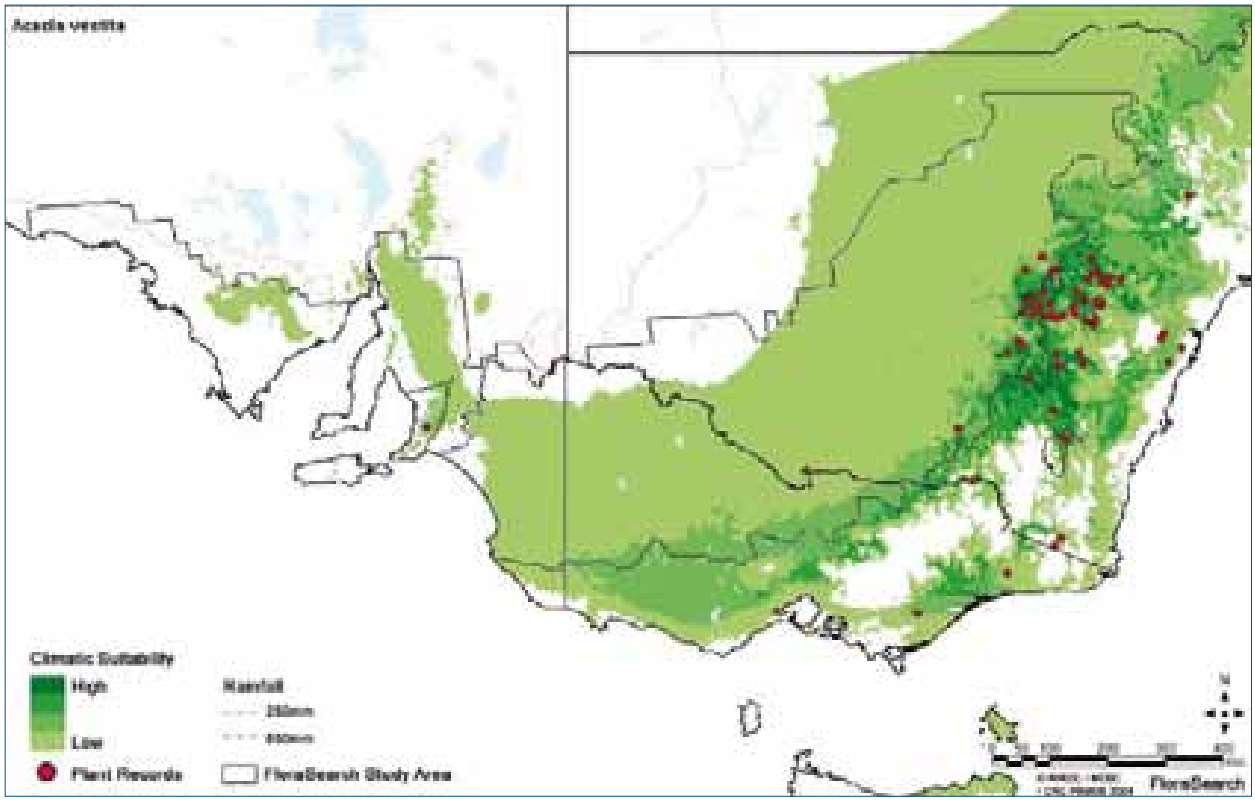
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.28	720	0.16		10.5	4.7					



Fabaceae	*Acacia vestita*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	5		3	1		34	66	8	22	61	13	

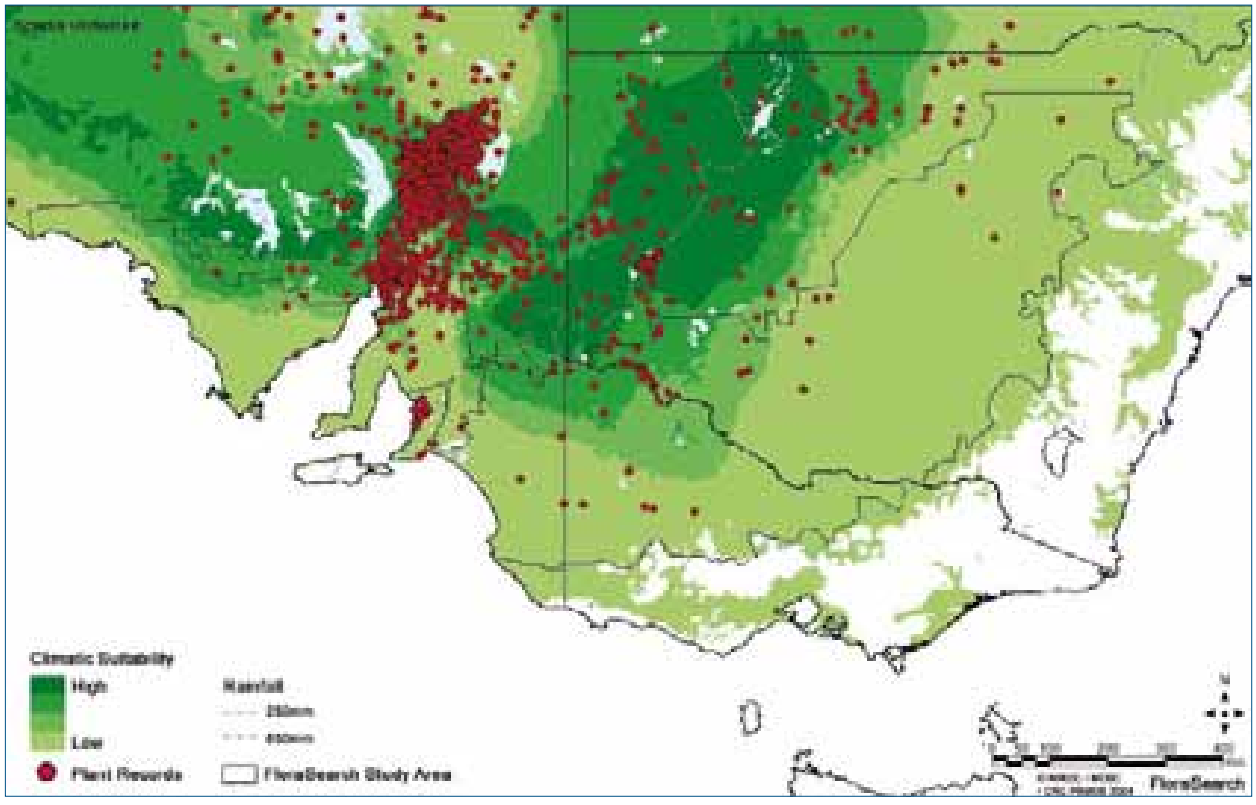
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.76	730	0.43		9.7	4.1					



Fabaceae	*Acacia victoriae*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	6	230	383	162	60	32	25	187	128	247	204	126

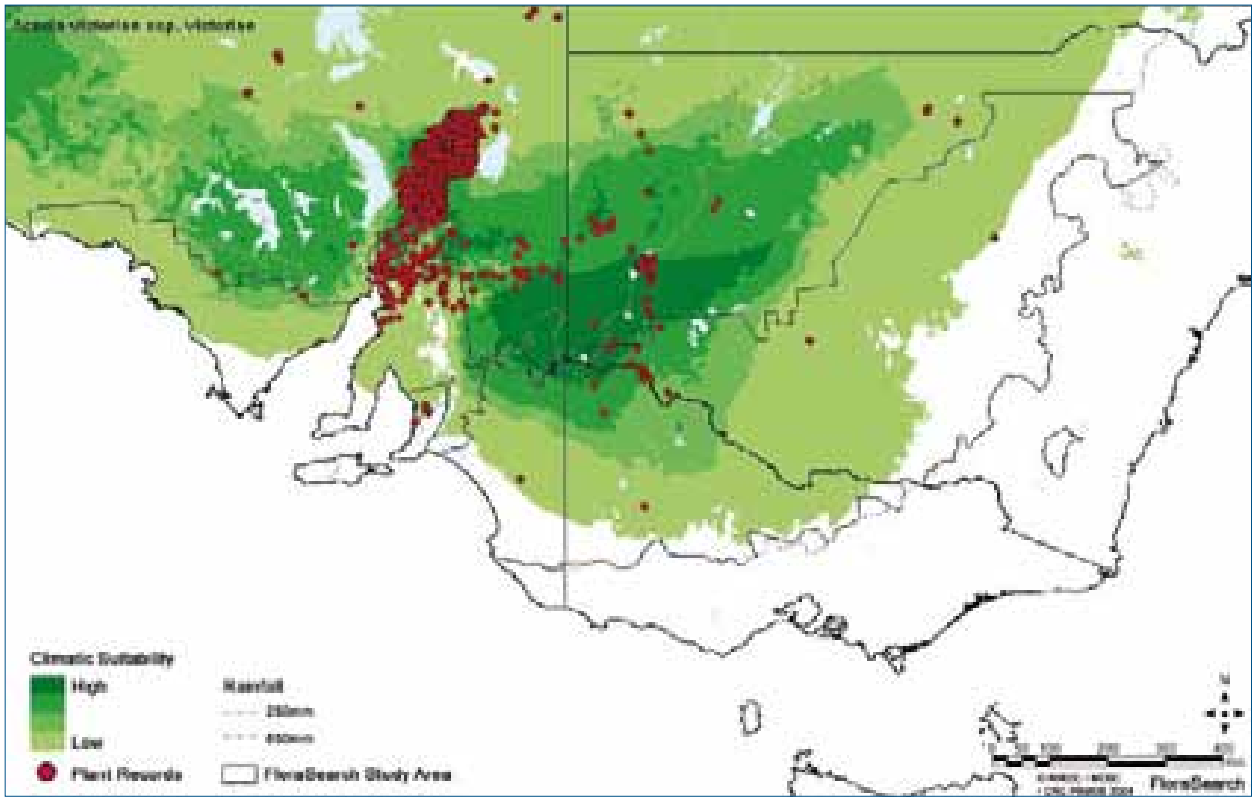
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.85 a	756 a	0.5					19	50.1	7	M



Fabaceae	*Acacia victoriae* ssp. *victoriae*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	6	108	201	59	11	4	8	85	68	143	64	31

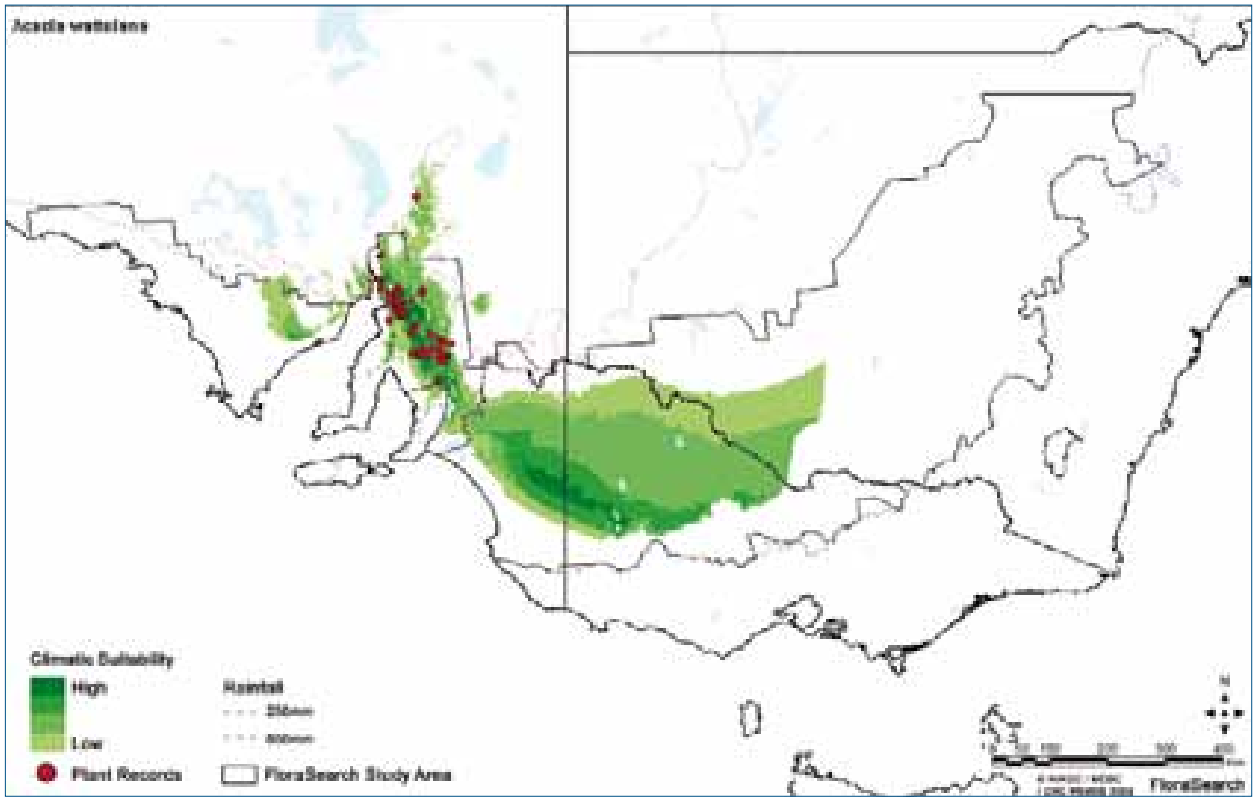
Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.85 a	756 a	0.5					19	50.1	7	M



Fabaceae	*Acacia wattsiana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3		5	18	83	32		88	22	19	7	2

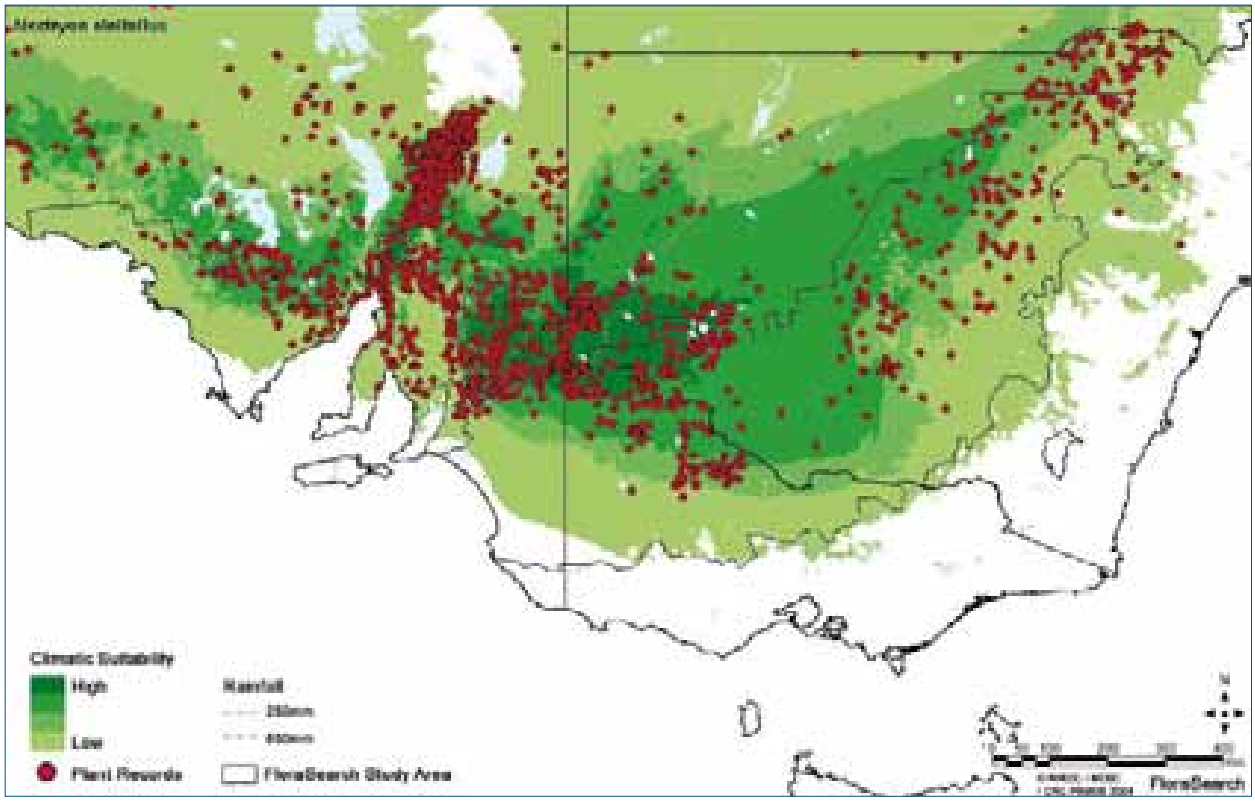
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	709 a									N



Sapindaceae | *Alectryon oleifolius*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	8	481	862	213	127	91	19	698	91	462	266	276

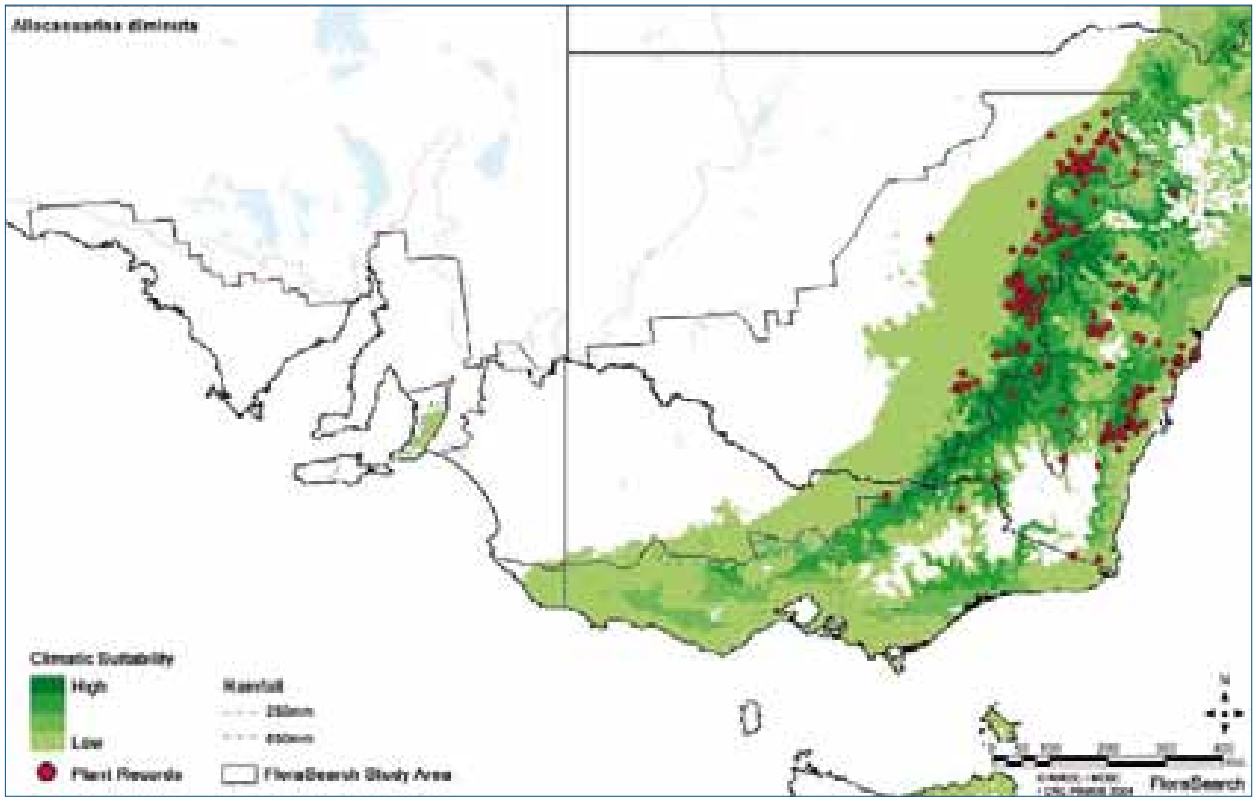
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H



Casuarinaceae | *Allocasuarina diminuta*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
5	5			1	11	142	284	64	122	196	44	12

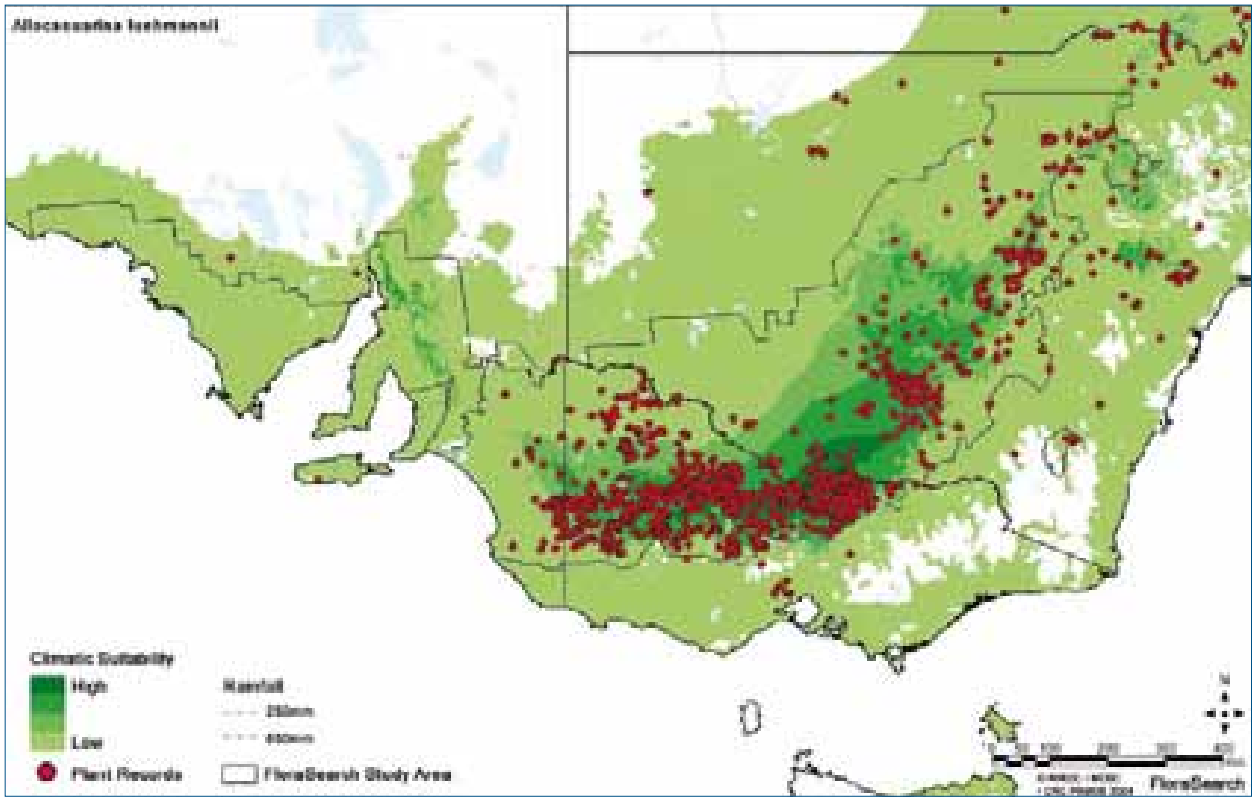
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.73										



Casuarinaceae	*Allocasuarina luehmannii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	8		213	737	555	210	85	225	234	224	716	401

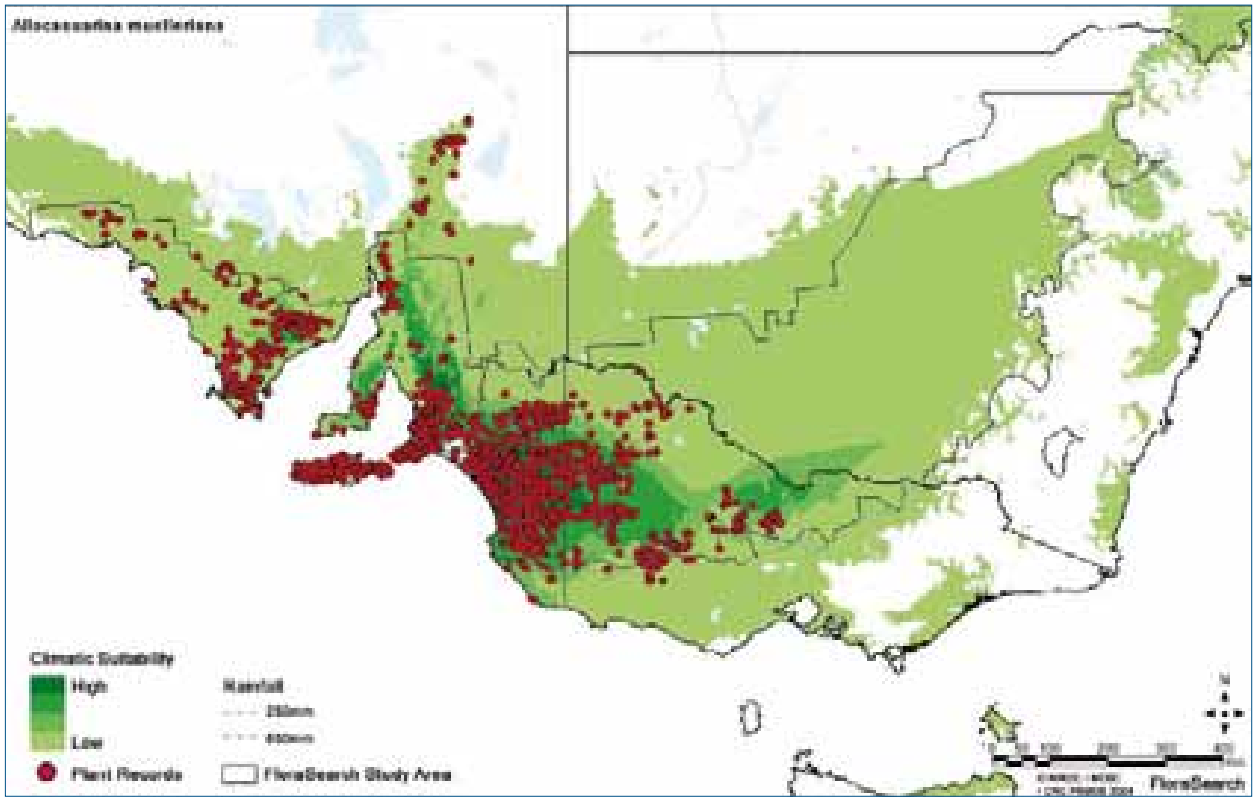
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.4	738	1.38		10.1	4.7					



Casuarinaceae | *Allocasuarina muelleriana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	1.5	7	390	646	646	377	780	1581	944	197	89	35

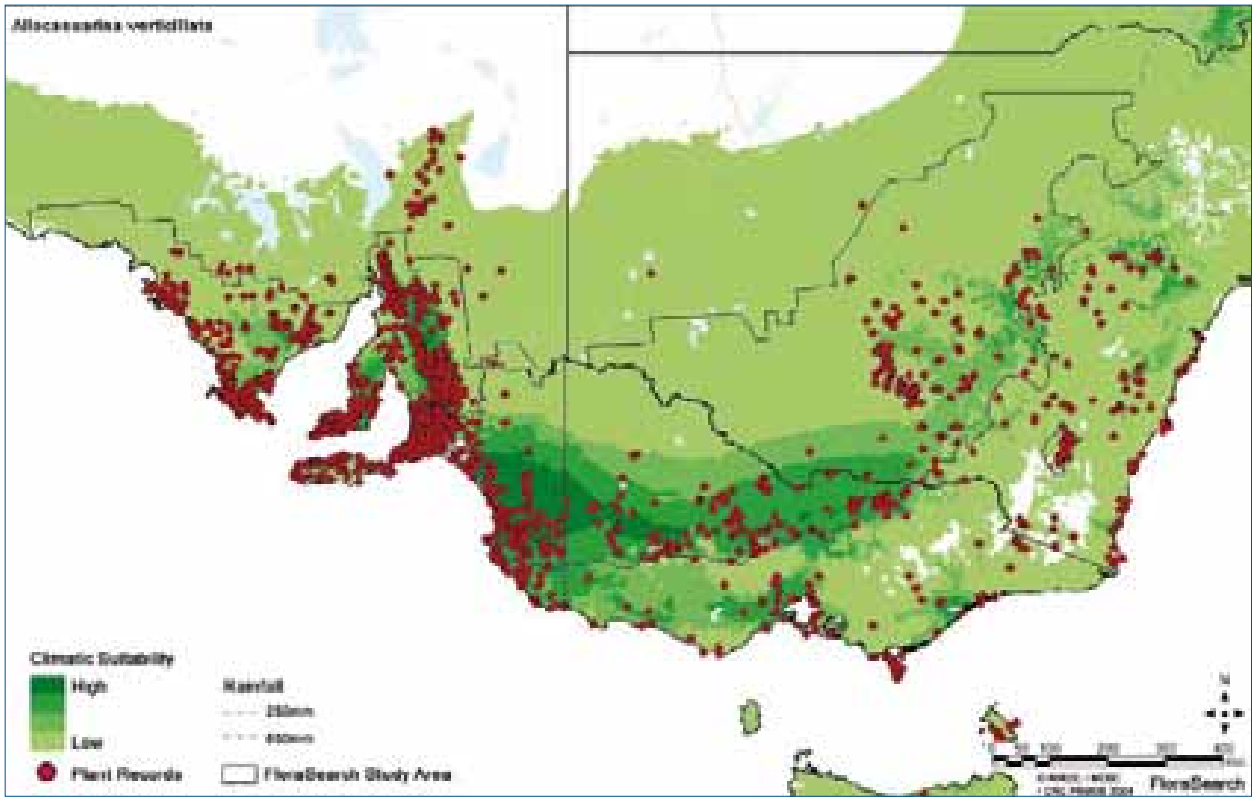
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.56	737	0.32		10.8	4.3		7.1	52.4	7.4	H



Casuarinaceae | *Allocasuarina verticillata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
10	5	5	137	538	704	608	881	1063	990	529	251	40

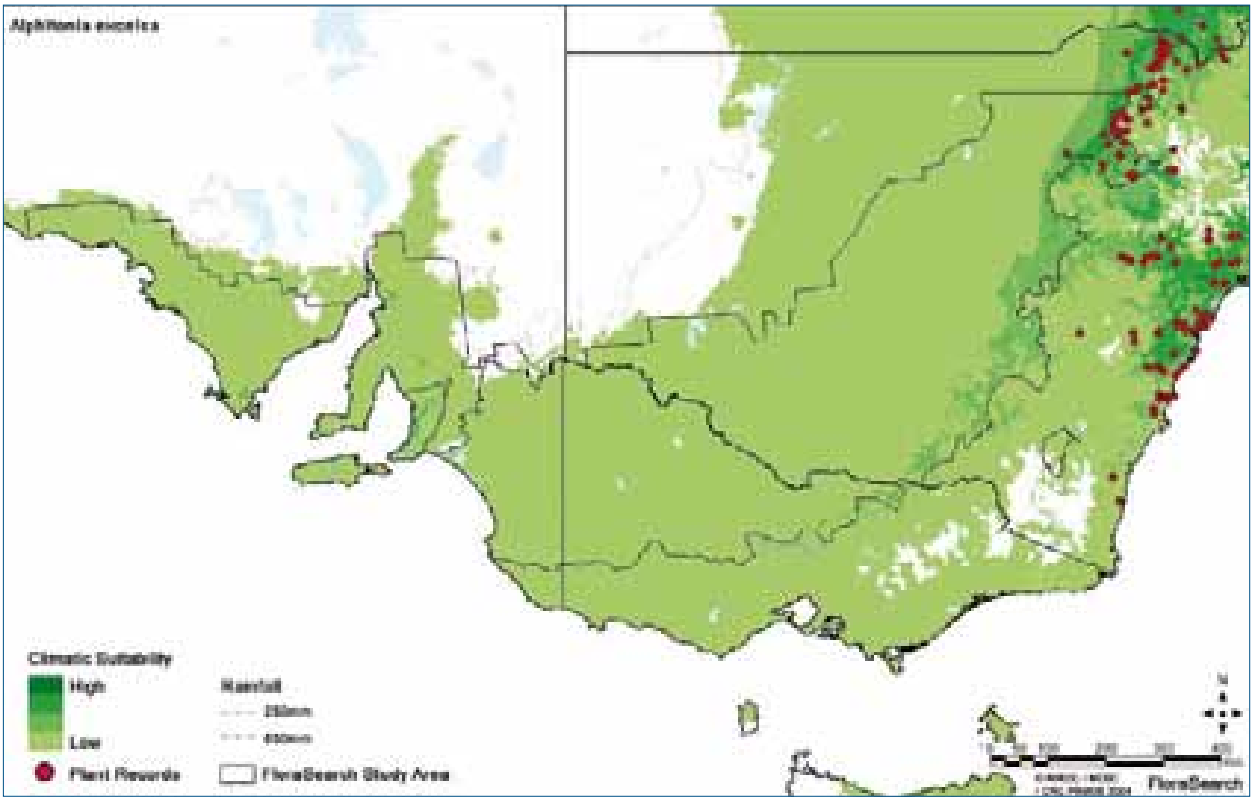
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
4.4	782	2.76	41.5	13.4	5.7		10.2	49.3	6.9	H



Rhamnaceae	*Alphitonia excelsa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	10			1	5	62	414	107	30	73	236	36

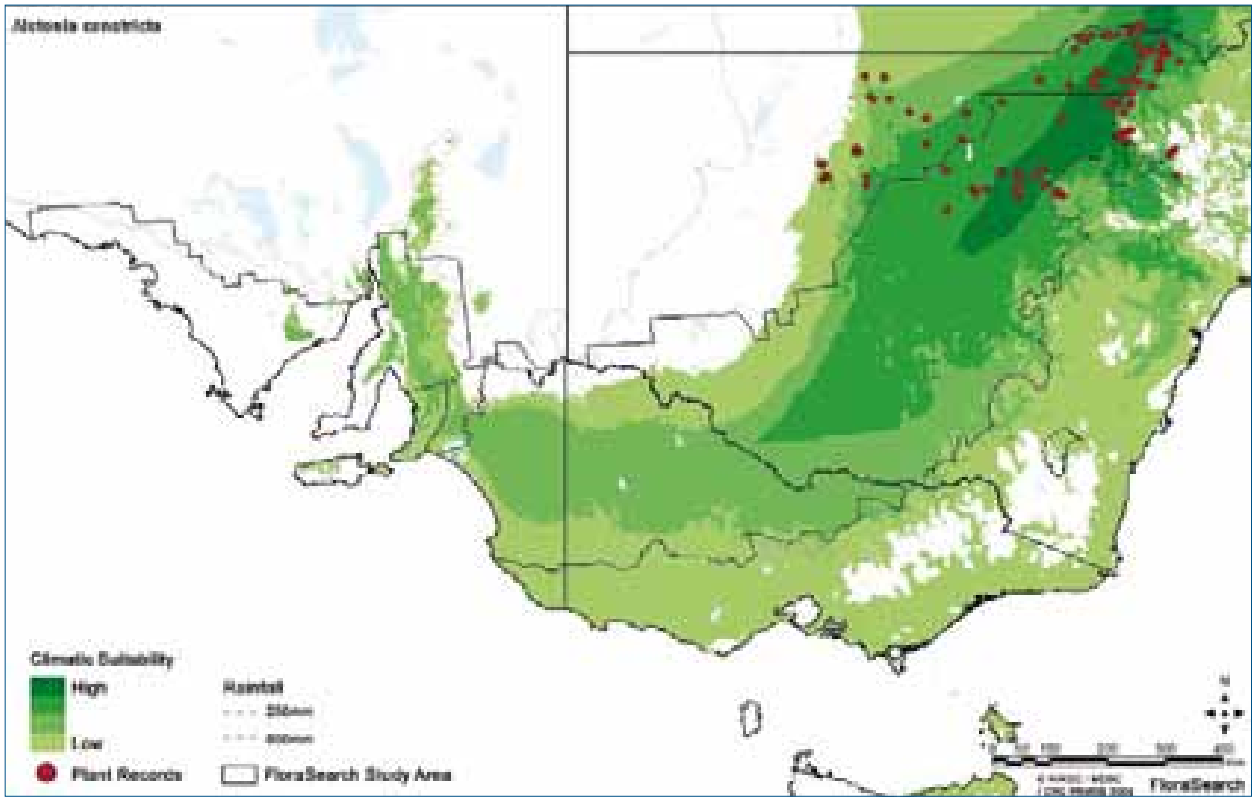
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	586 i									



Apocynaceae | *Alstonia constricta*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
5	4		5	18	25	37	40	8	5	5	54	53

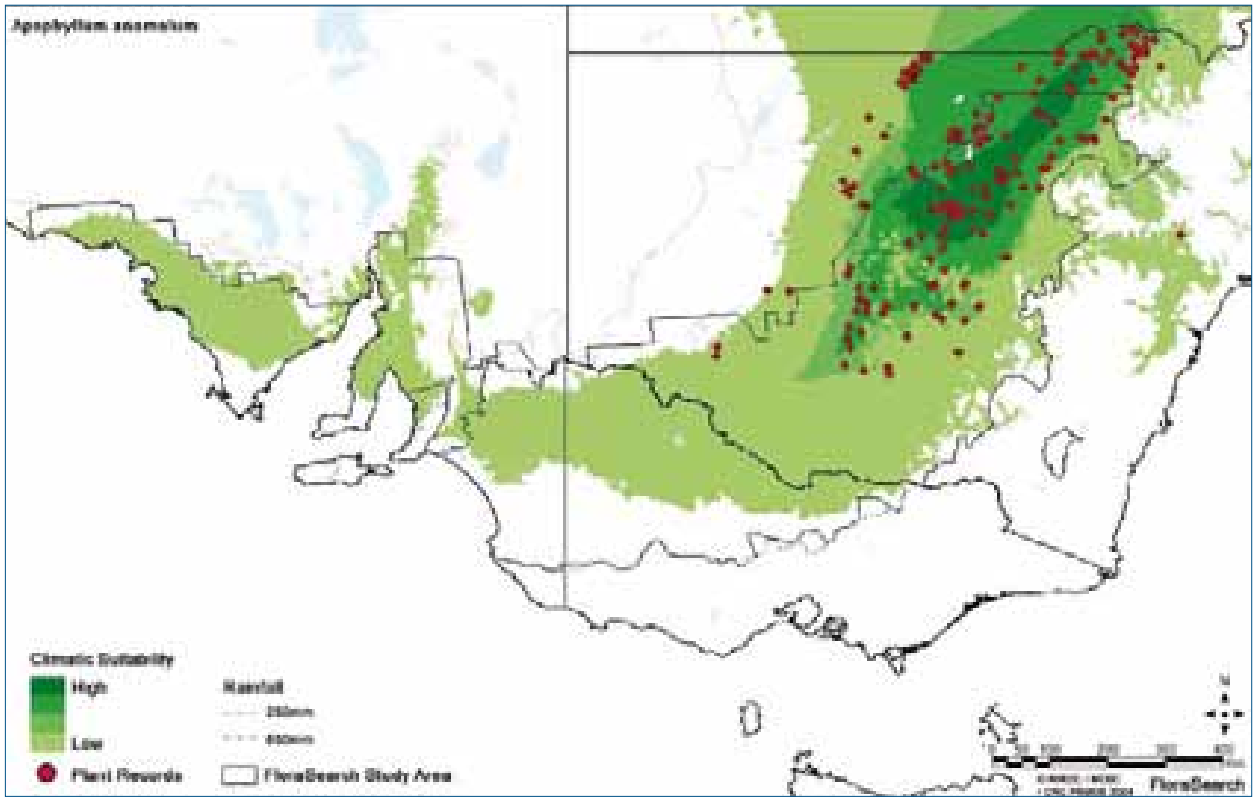
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
1	529	0.41	<36	11	5.3		17.7	82	12.1	M



Capparaceae | *Apophyllum anomalum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
7	3		7	96	73	43	5	10	3	14	95	102

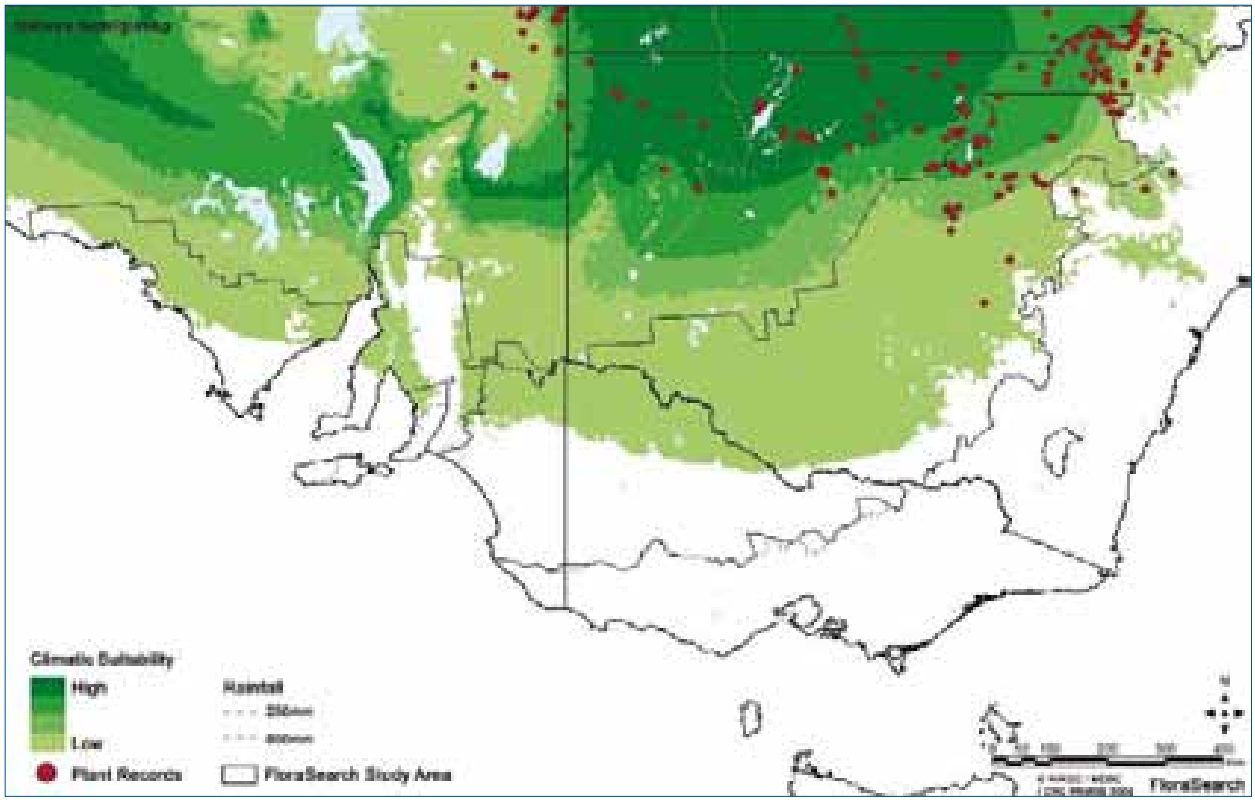
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
0.35	802	0.22					11.1	50.7	7.1	H



Sapindaceae | *Atalaya hemiglauca*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	5	1	23	46	43	54	33	16	9	5	64	106

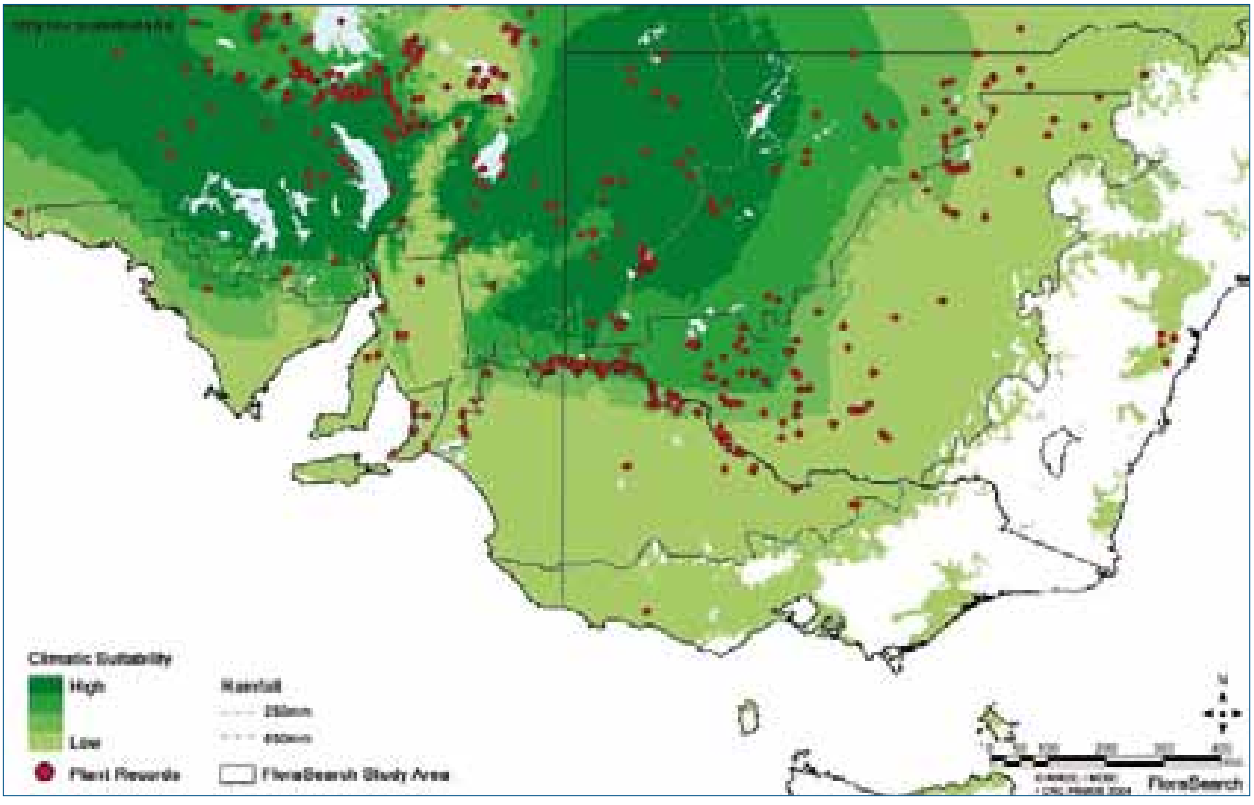
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.49	751	1.71	<39	14.6	5.8		13.8	45.7	6.3	H



Chenopodiaceae | *Atriplex nummularia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	4	45	288	79	20	6	3	48	10	60	81	242

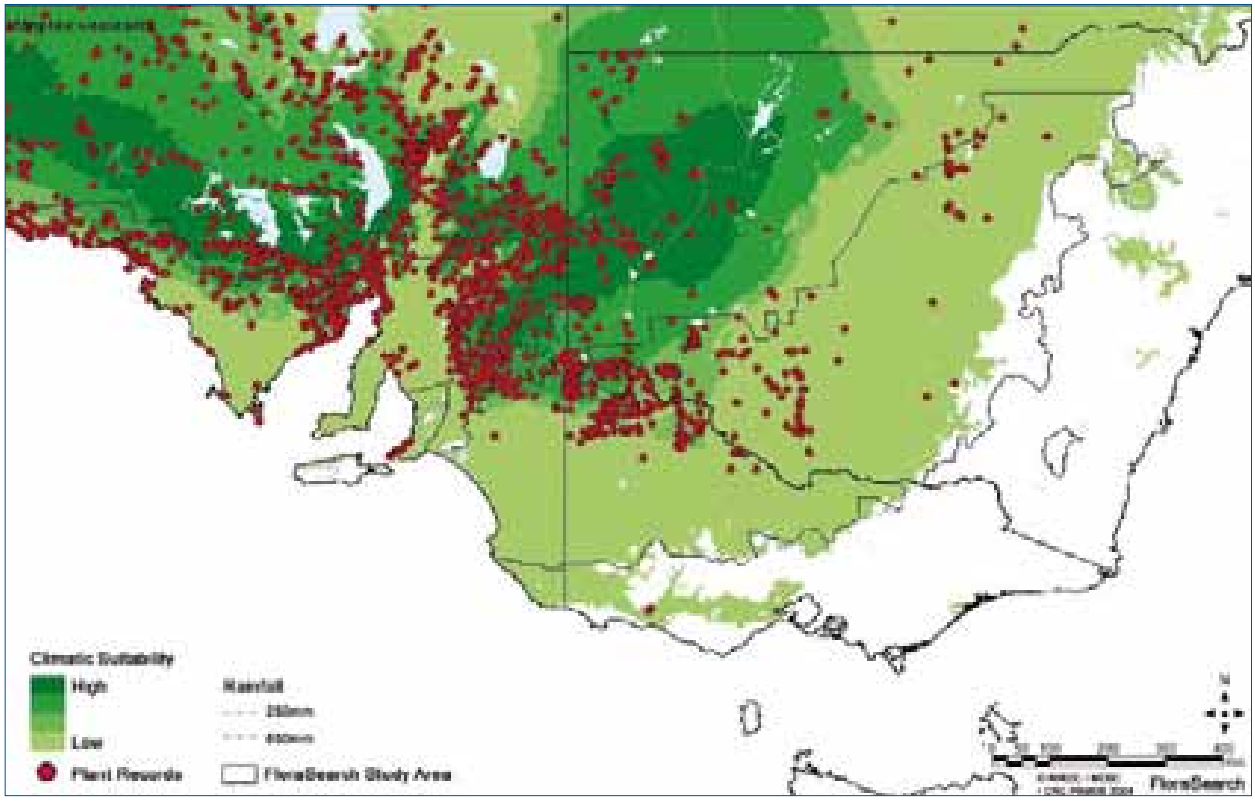
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.54	450 e	0.54					20.4	75.6	11.1	M



Chenopodiaceae | *Atriplex vesicaria*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
1	2	893	1329	96	25	4	3	900	102	791	362	195

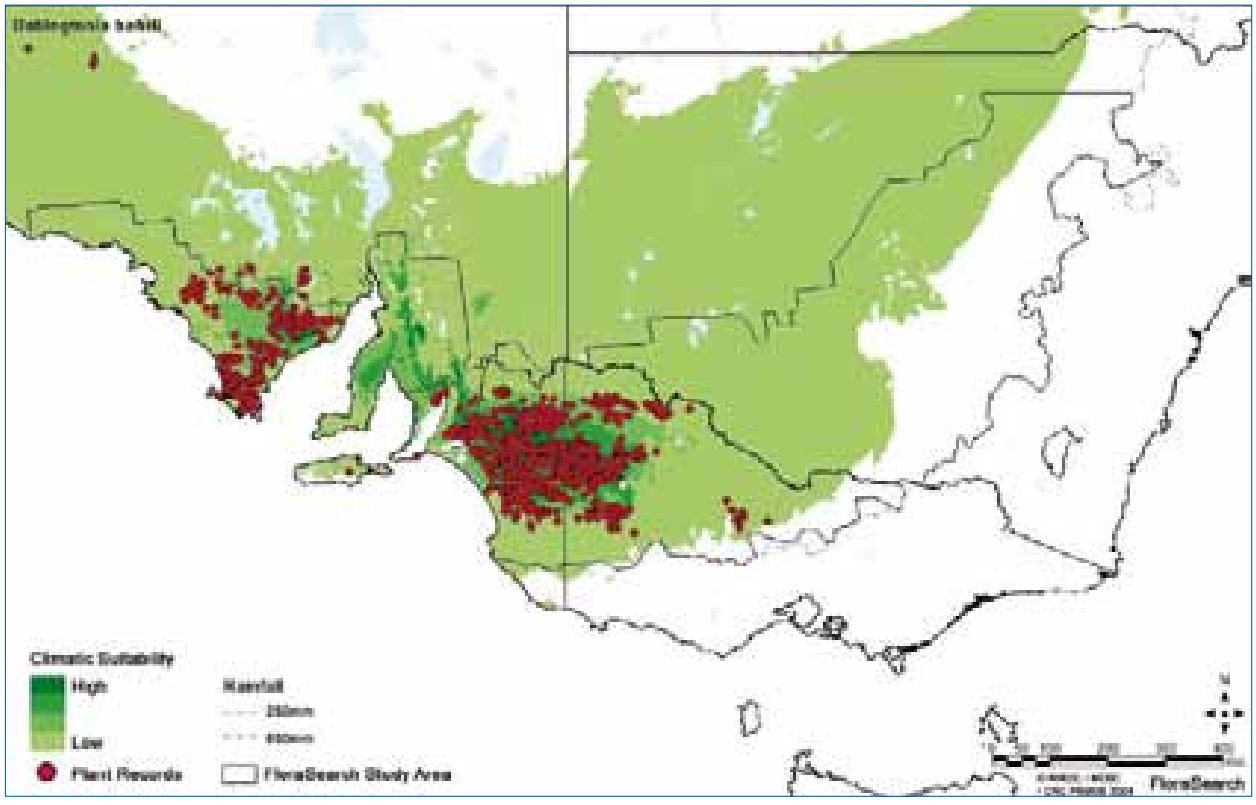
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.38	450 e	0.13					20.1	69.4	10.1	H



Myrtaceae	*Babingtonia behrii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	0.8	3	632	670	249	13	2	1372	141	25	8	23

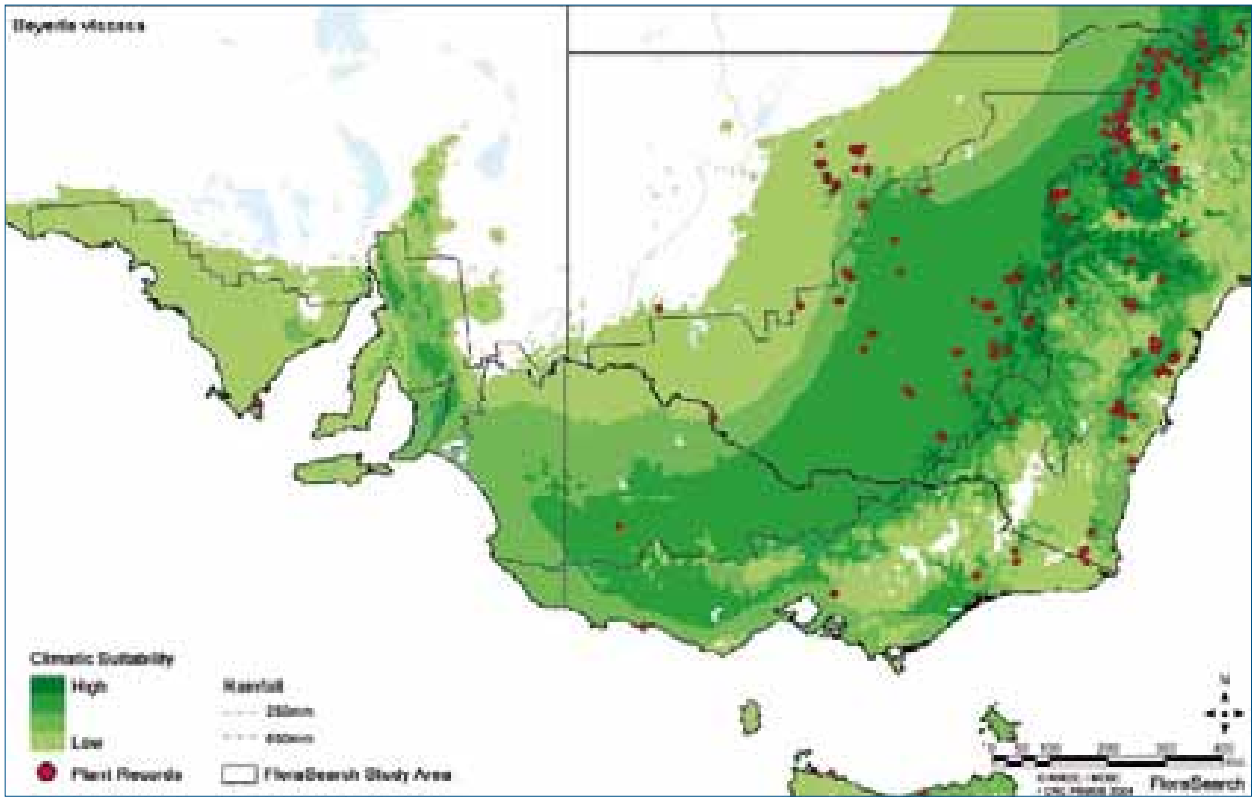
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Euphorbiaceae | *Beyeria viscosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
6	4		13	35	19	85	182	38	45	76	137	38

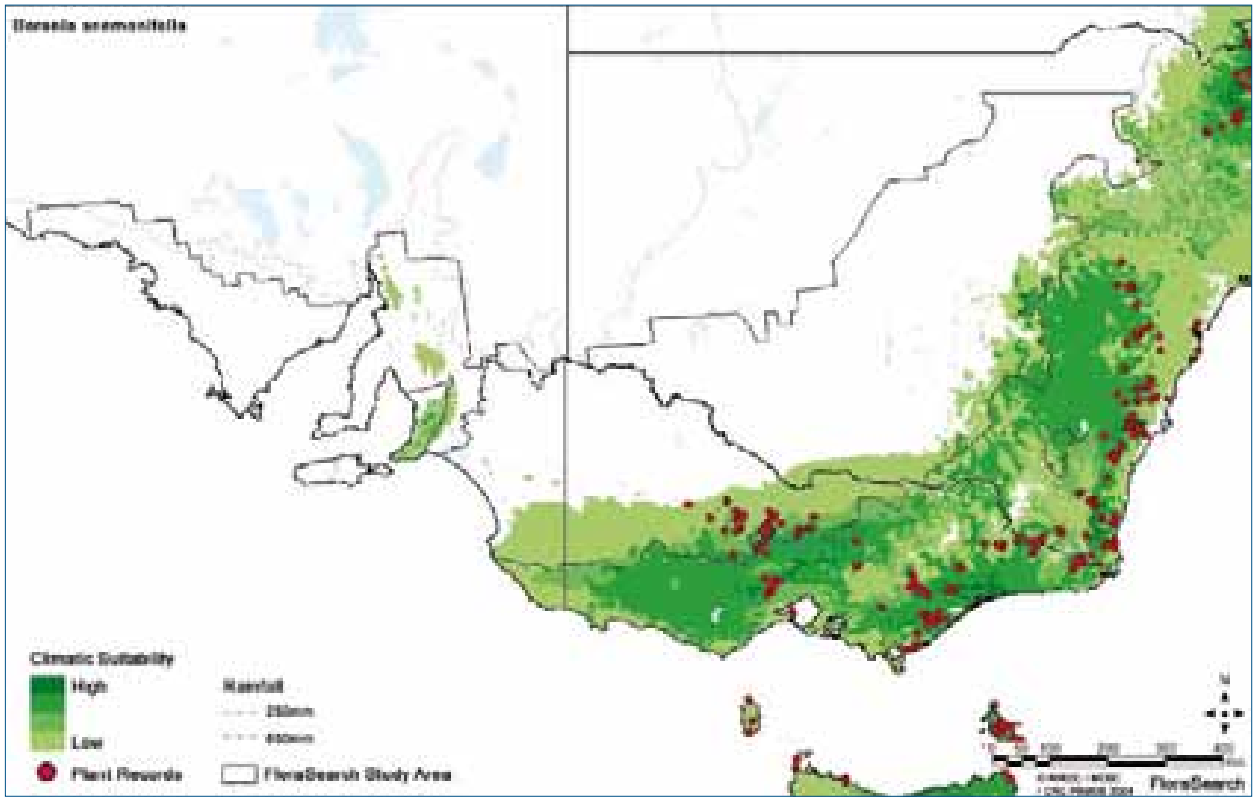
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
0.68										



Rutaceae	*Boronia anemonifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5			2	59	60	301	59	106	145	110	2

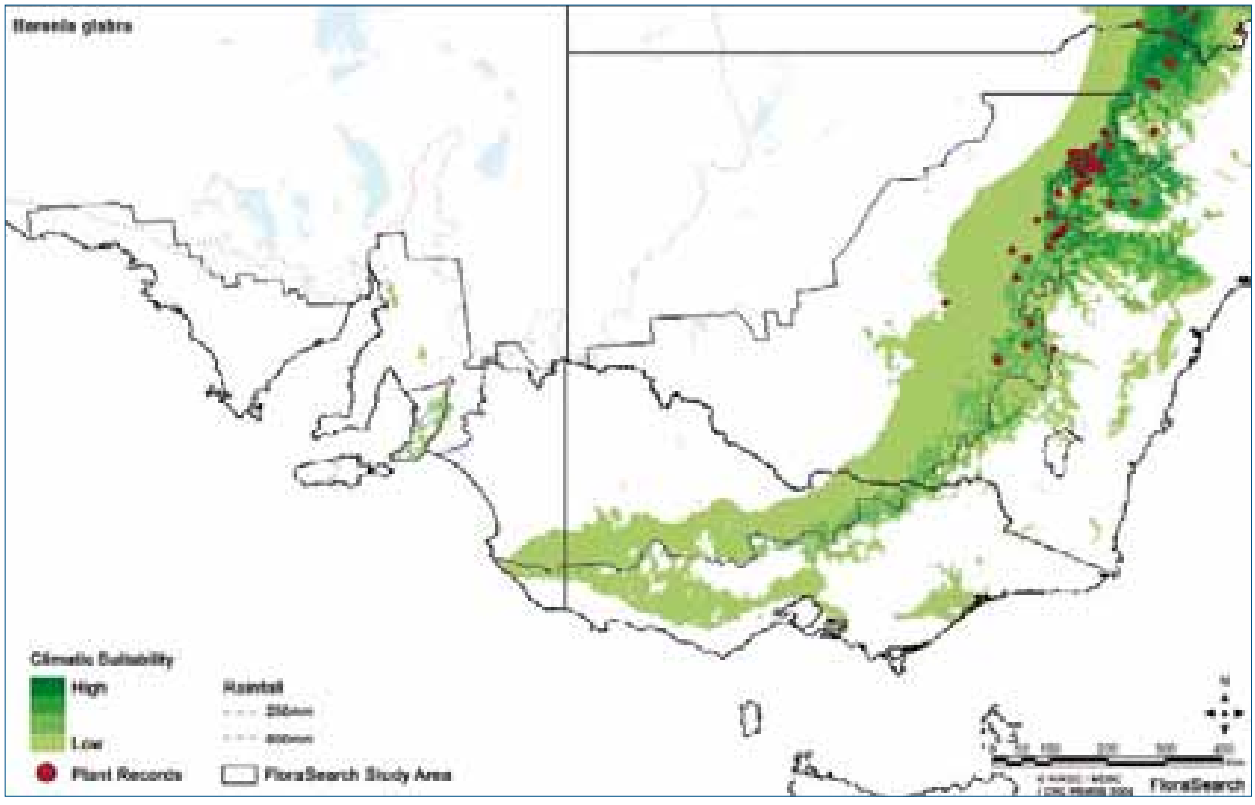
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Boronia glabra*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2			3	2	48	119	29	47	13	76	7

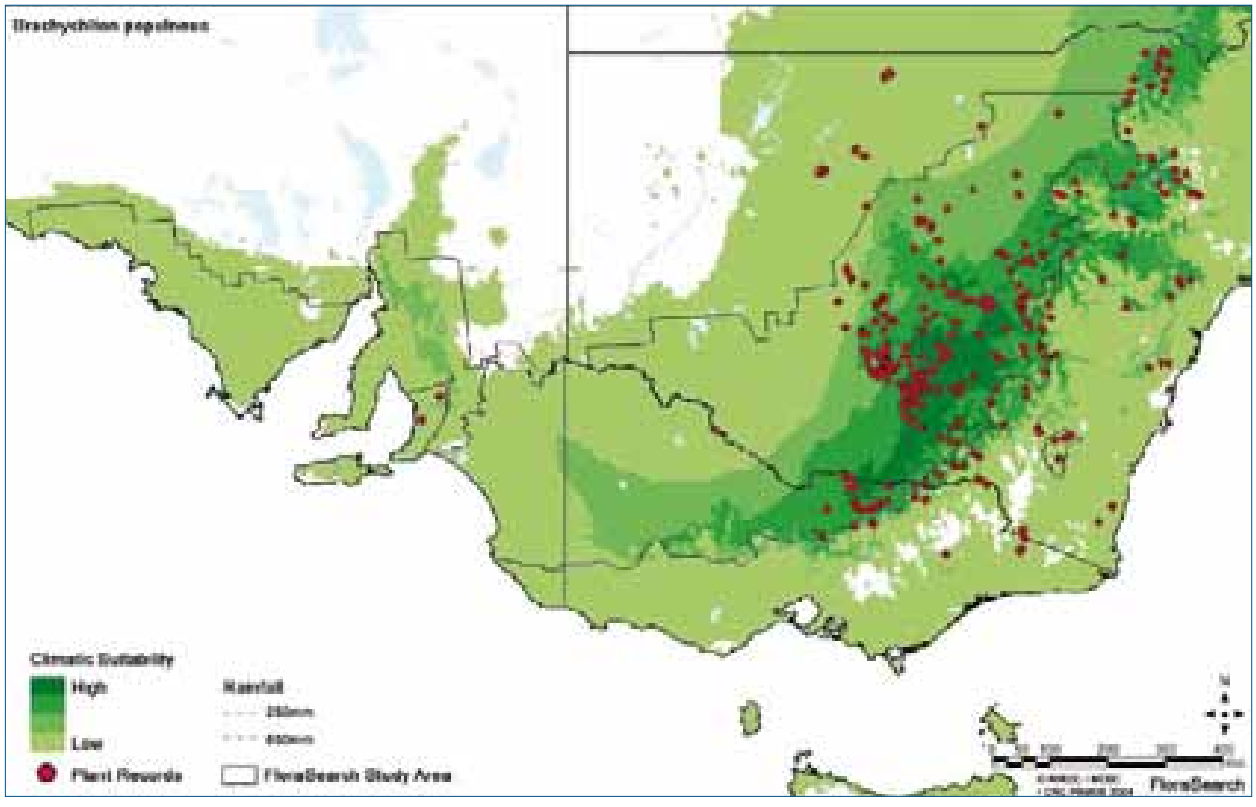
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Sterculiaceae | *Brachychiton populneus*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
20	6		7	136	169	66	123	61	66	232	117	25

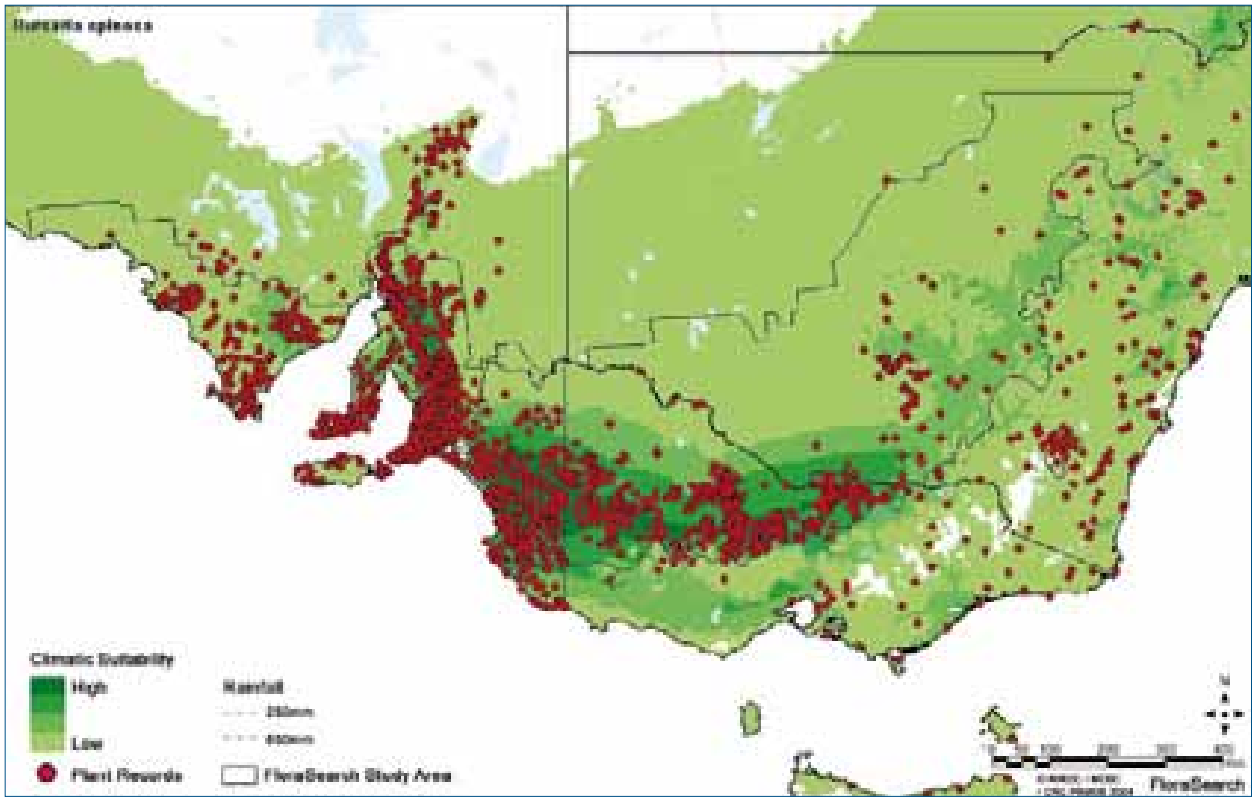
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
2.19	389	0.66		15	5.5		13.9	49.4	6.9	



Pittosporaceae | *Bursaria spinosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	5	15	233	863	949	537	866	1282	974	670	429	108

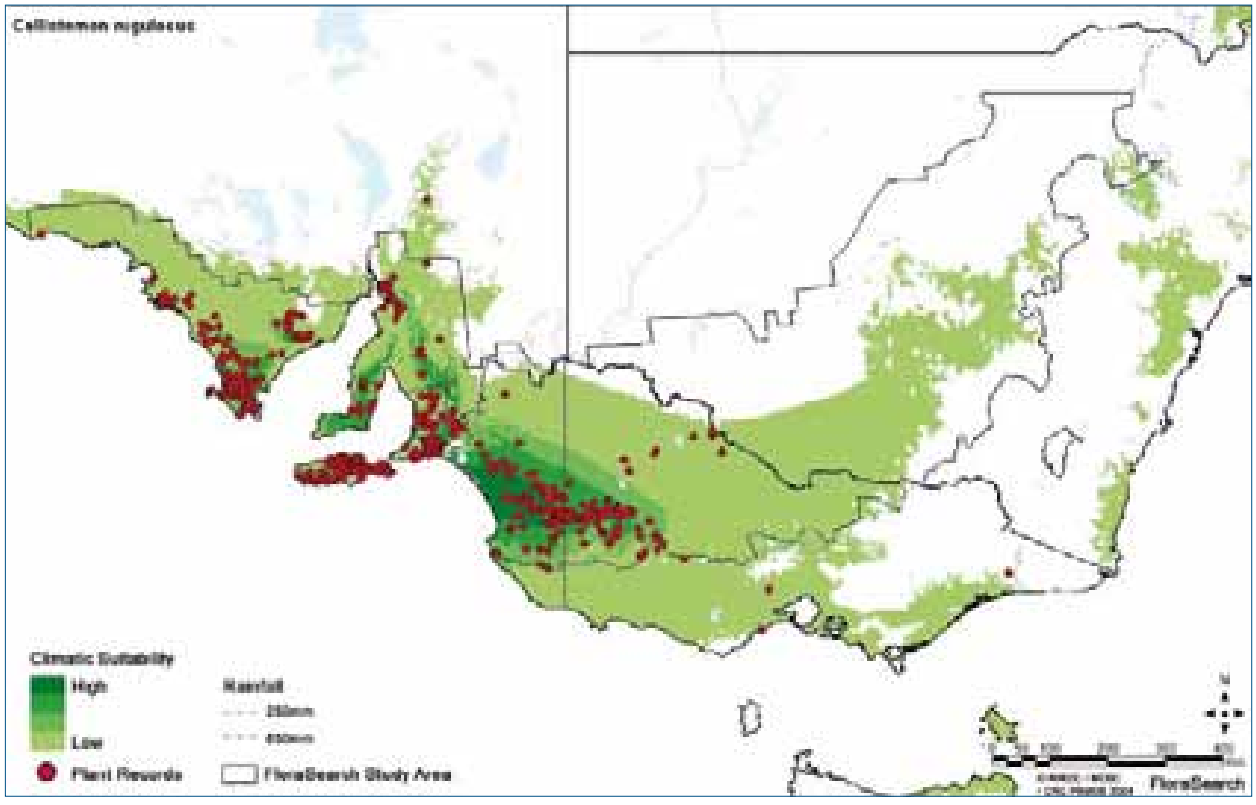
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H



Myrtaceae	*Callistemon rugulosus*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4		31	191	271	103	79	430	144	31	41	29

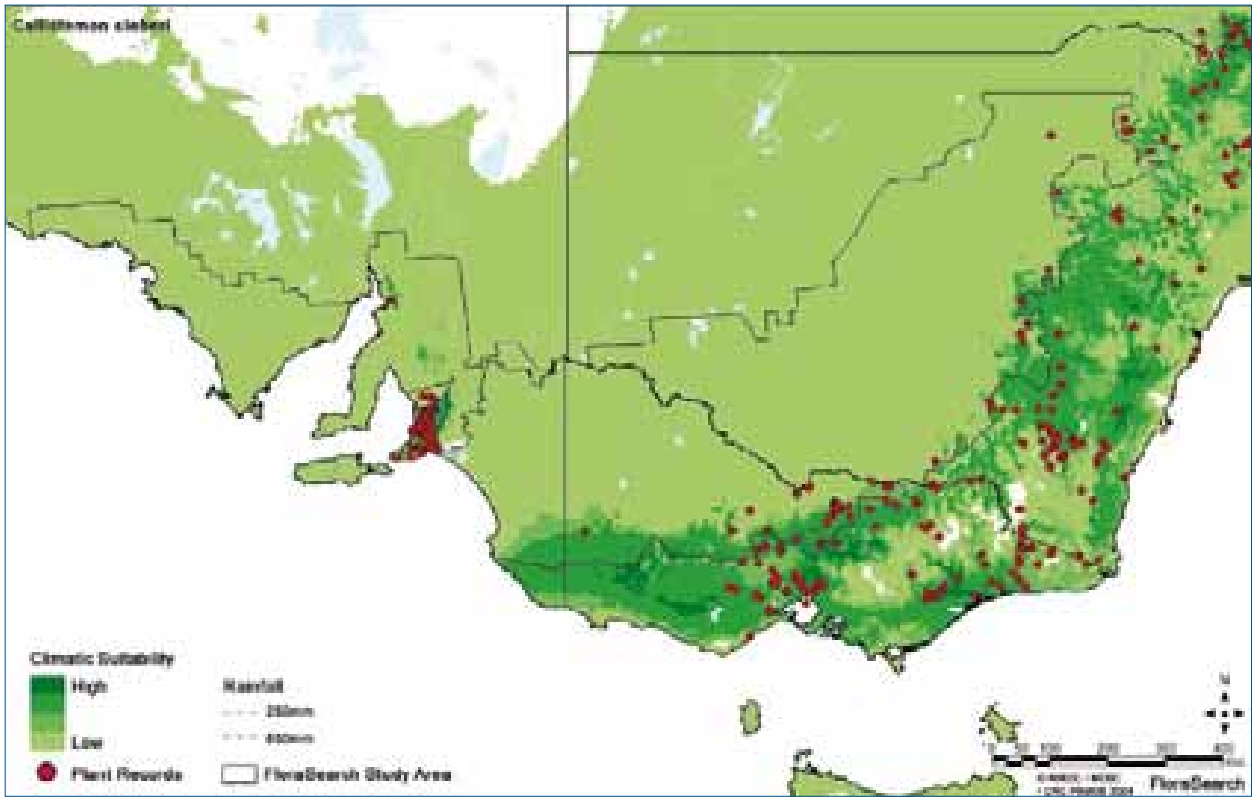
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.13	840	0.75		11.7	5					



Myrtaceae	*Callistemon sieberi*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	5			10	49	83	273	40	113	132	124	6

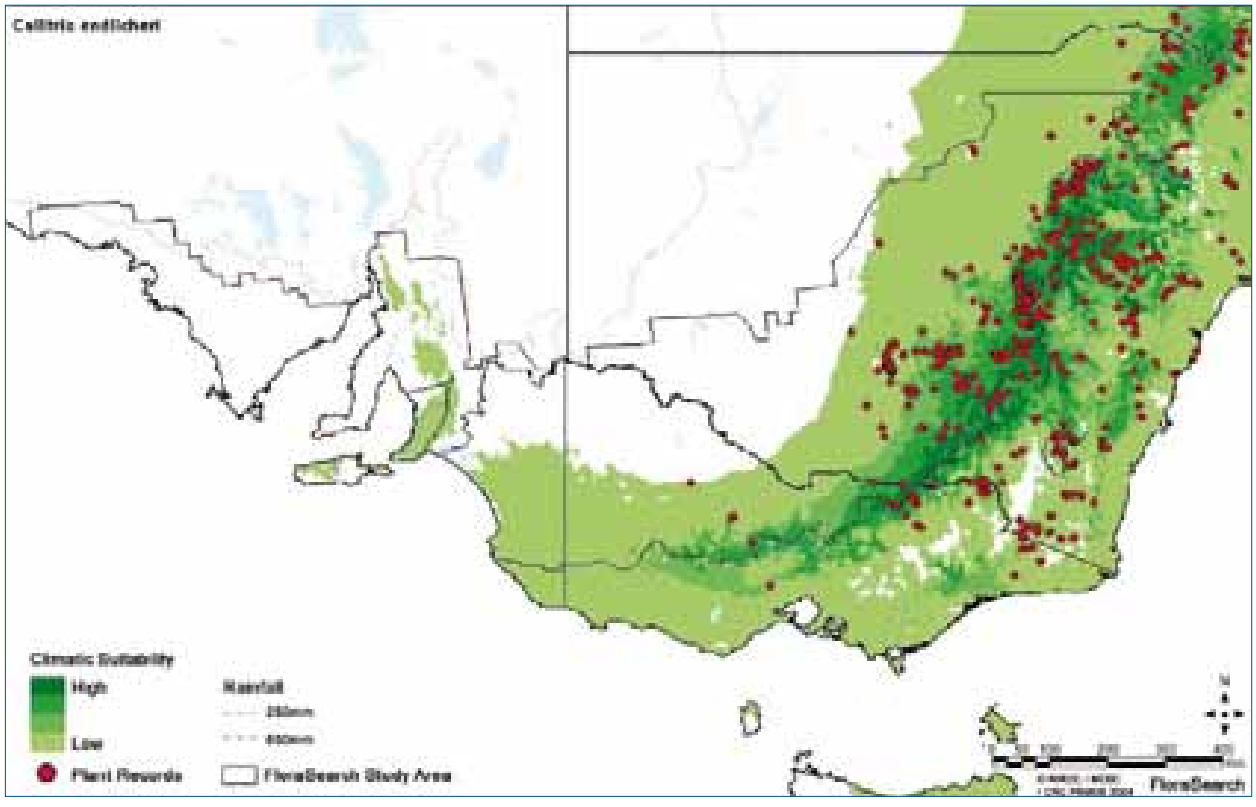
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.68	702	0.37		11.3	4.7					



Cupressaceae | *Callitris endlicheri*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
20	5			73	185	248	471	110	169	530	124	44

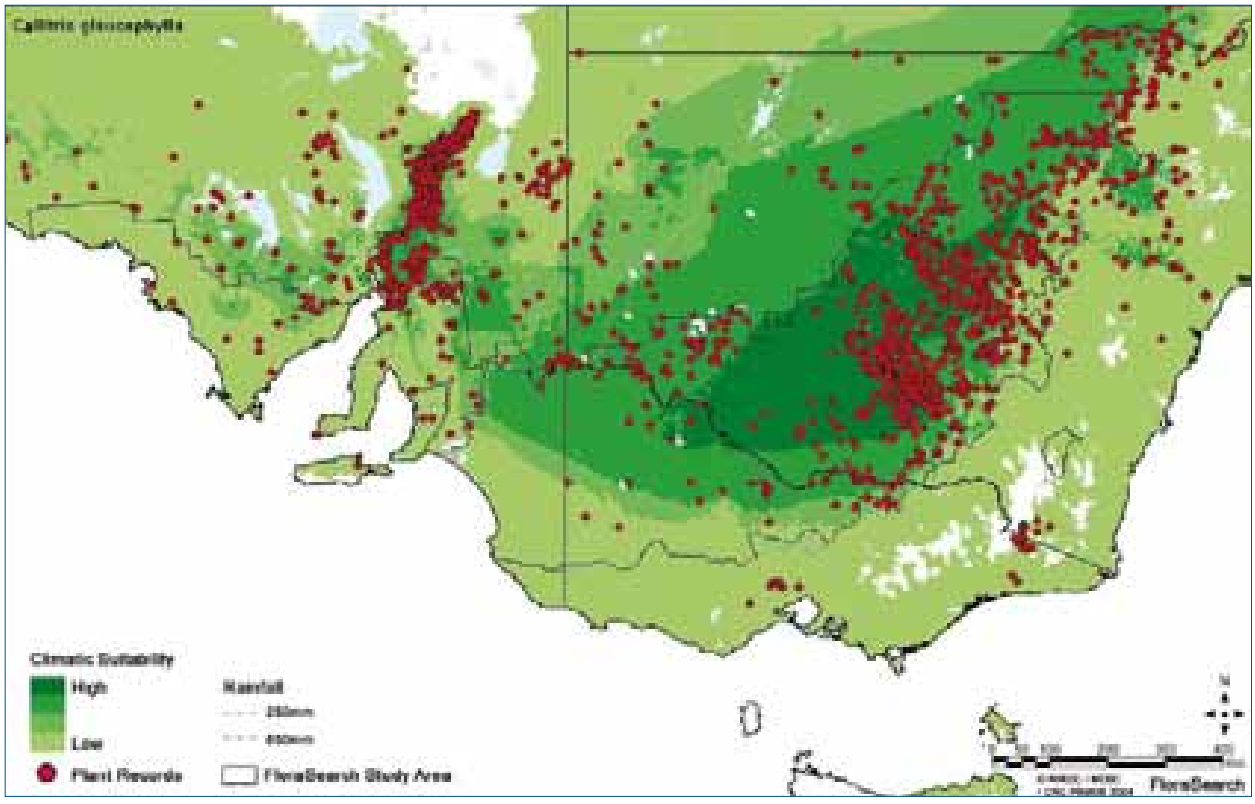
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
0.67	577	0.3					4.3	56.6	8	



Cupressaceae | *Callitris glaucophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
20	10	97	377	859	775	367	165	458	178	851	734	419

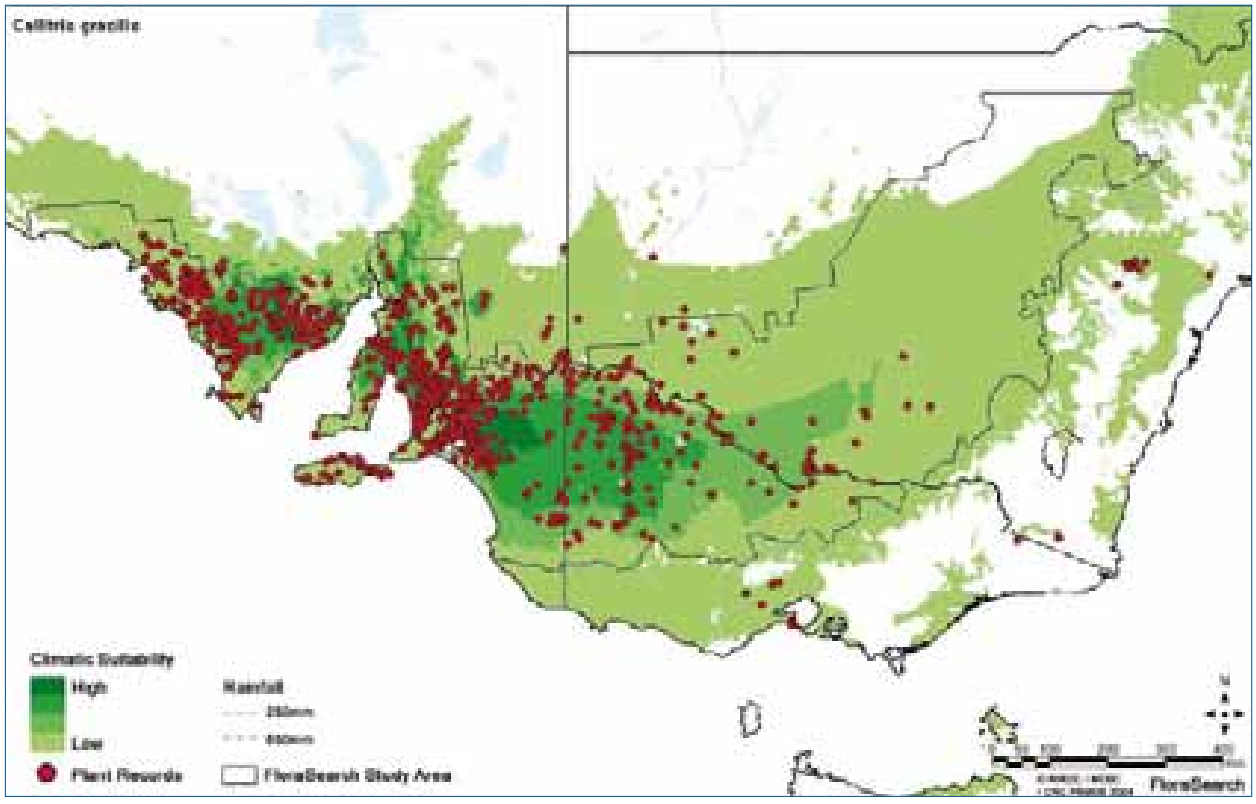
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
1.58	603	0.74	<35 w	6.4	4.8					



Cupressaceae | *Callitris gracilis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	8	31	851	521	203	195	86	1161	410	63	89	164

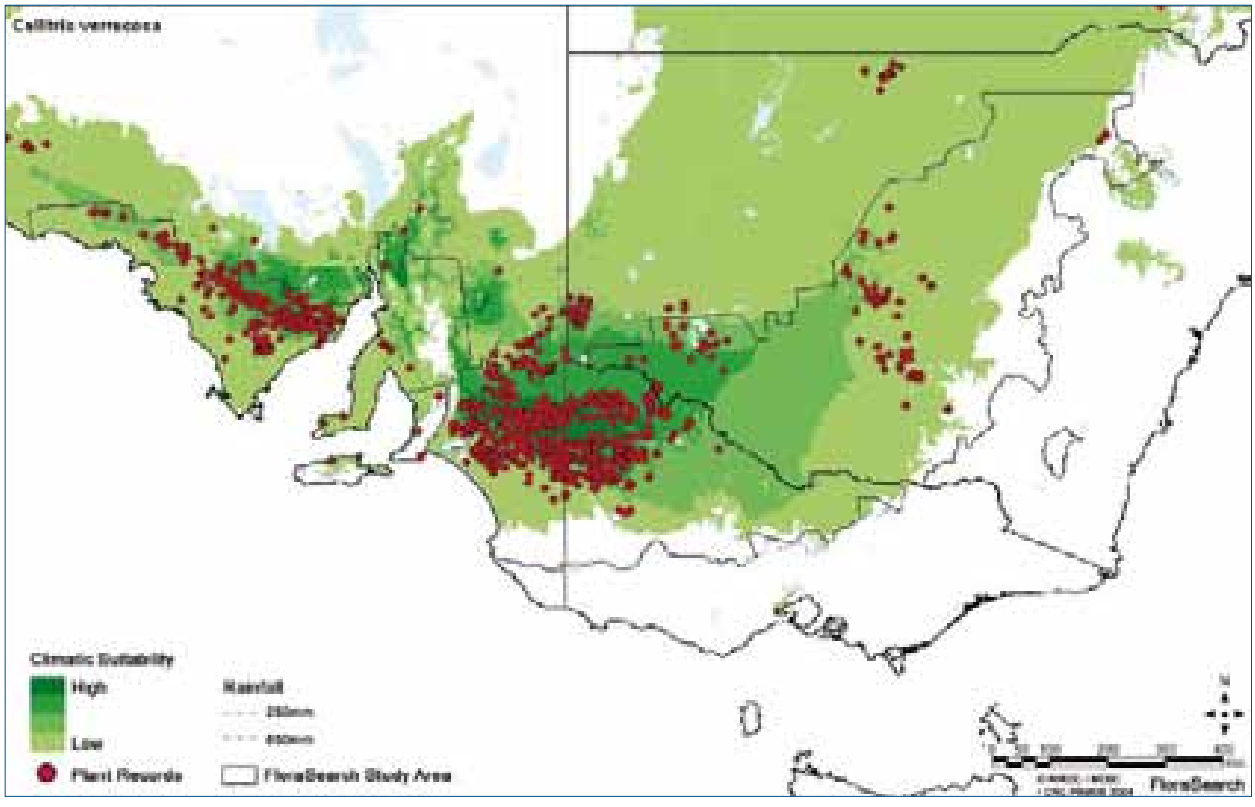
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.66	529	4.4	<37	0.7	5.5		5.4	55.9	7.9	



Cupressaceae | *Callitris verrucosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
5	3	116	1228	424	26	4		1465	82	67	116	68

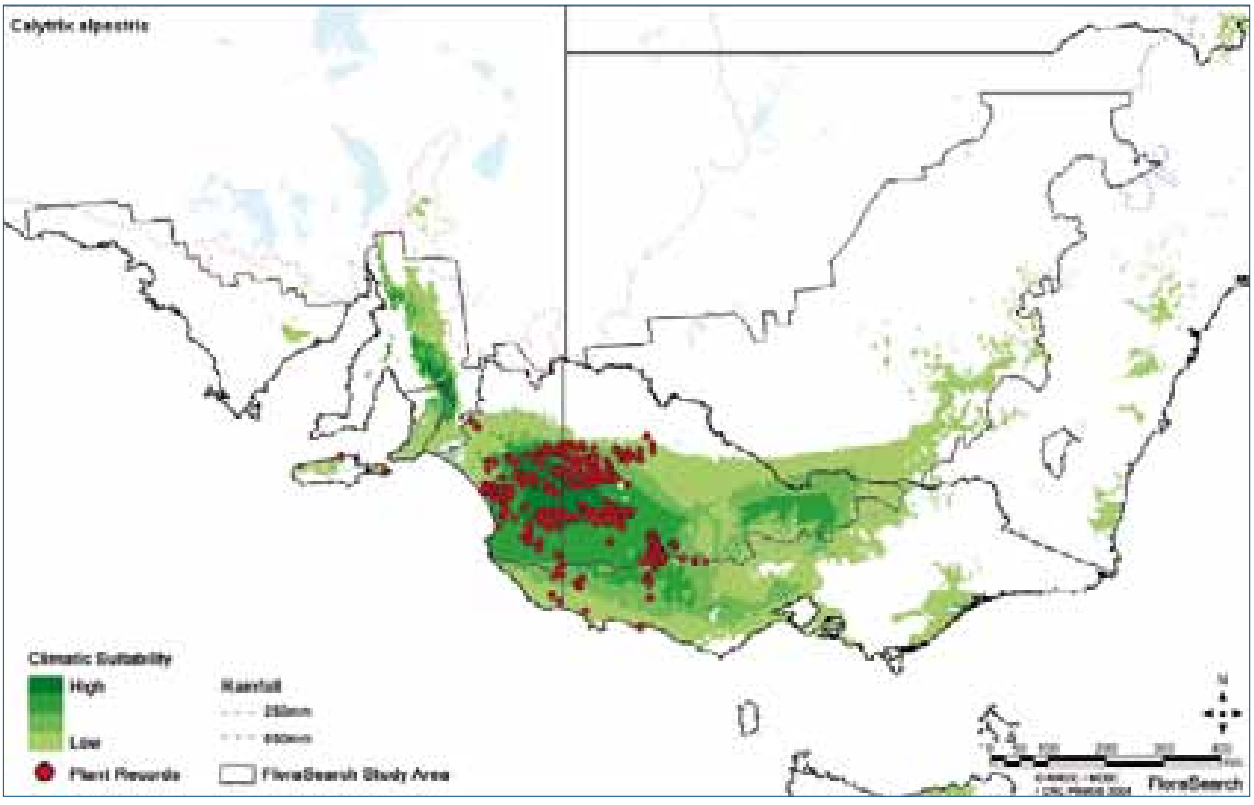
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
3.11	657	1.64	<38	6.5	4.1					



Myrtaceae	*Calytrix alpestris*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	4		81	169	153	20	90	403	54	24	22	10

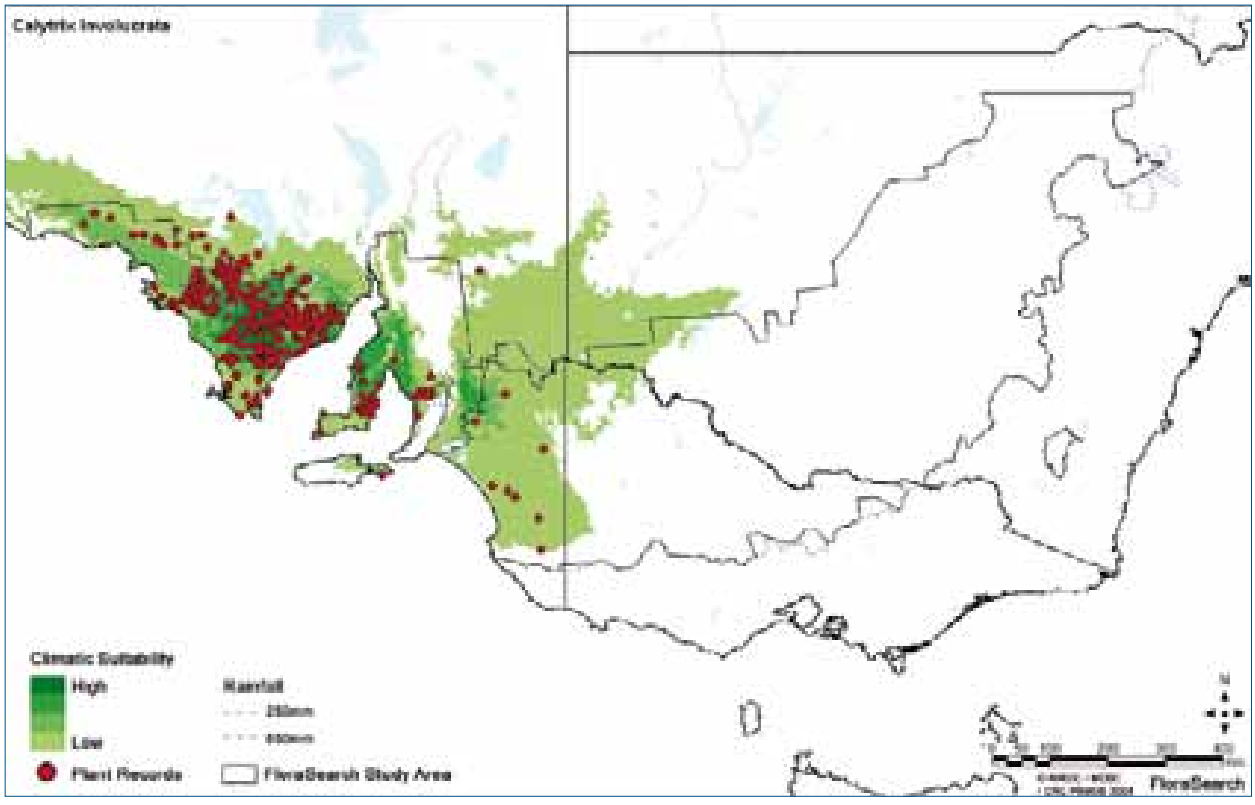
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Calytrix involucrata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2	19	315	144	16	4		440	29	28	1	

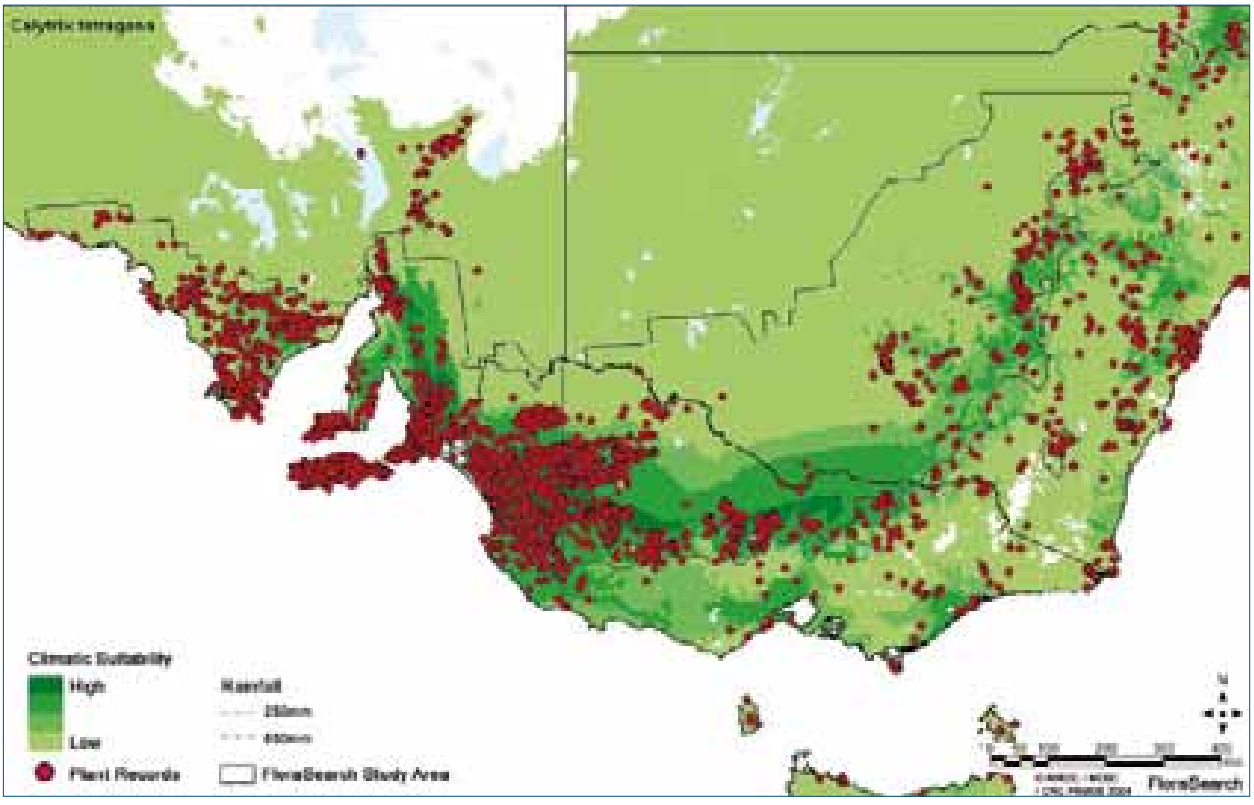
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Calytrix tetragona*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2	11	780	1028	1376	817	1486	2837	1428	799	340	94

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m^3/ha/yr @500mm]	**Basic density** [kg/m^3]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rubiaceae	*Canthium latifolium*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	3.5	2		1	2	3	4	4			5	3

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
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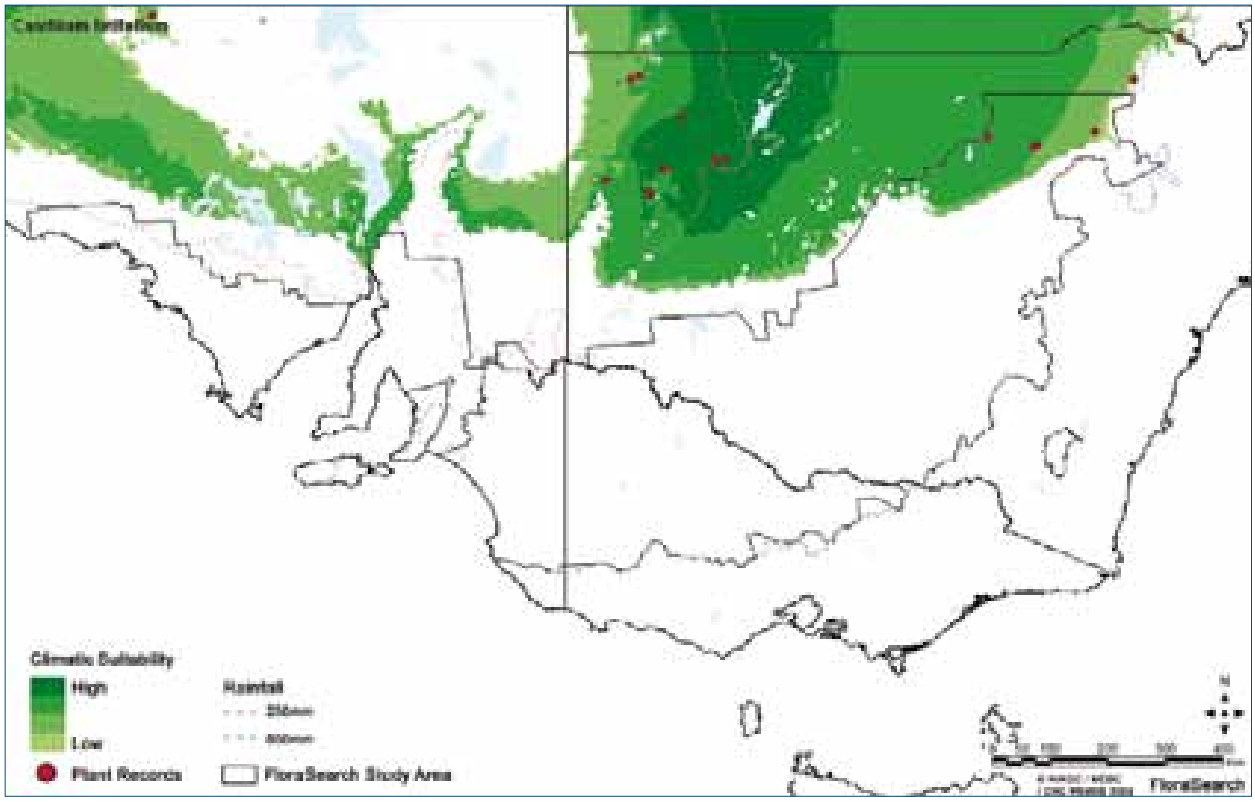
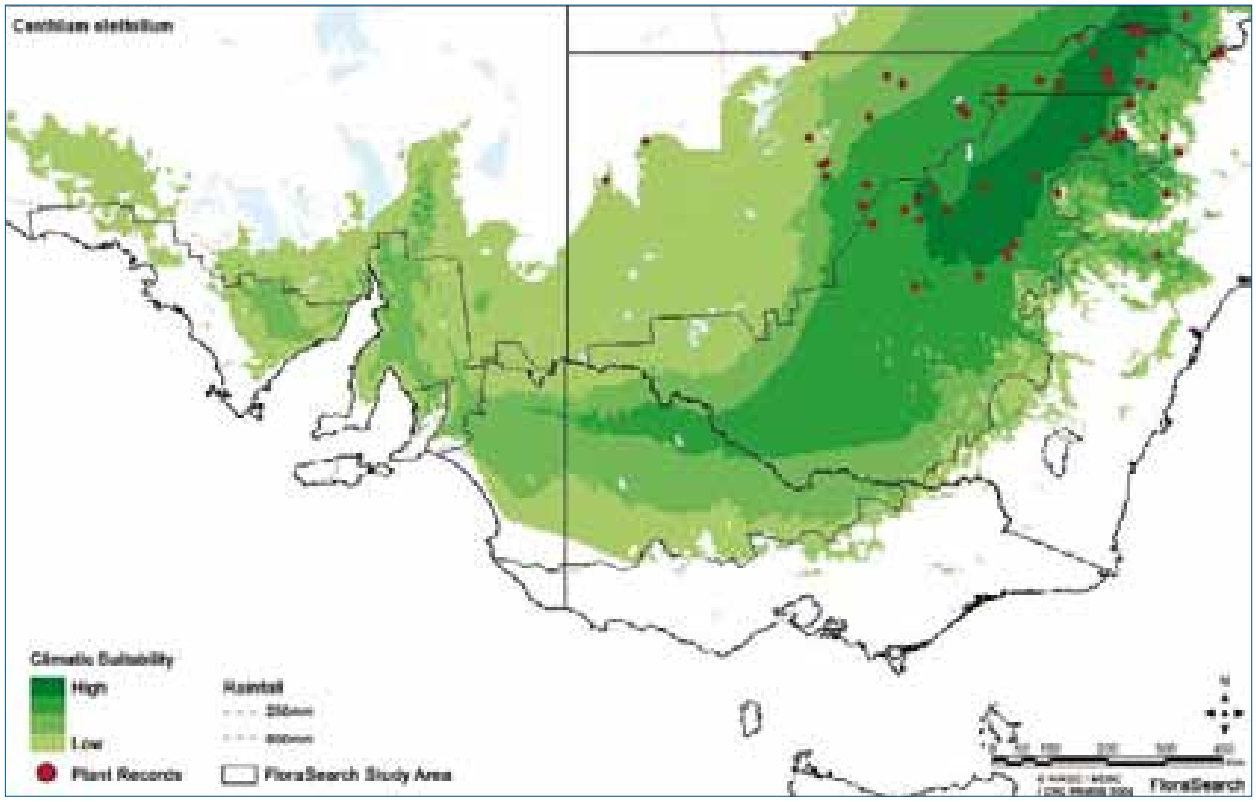


Rubiaceae	*Canthium oleifolium*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	5		5	15	18	15	20	1	10	5	31	26

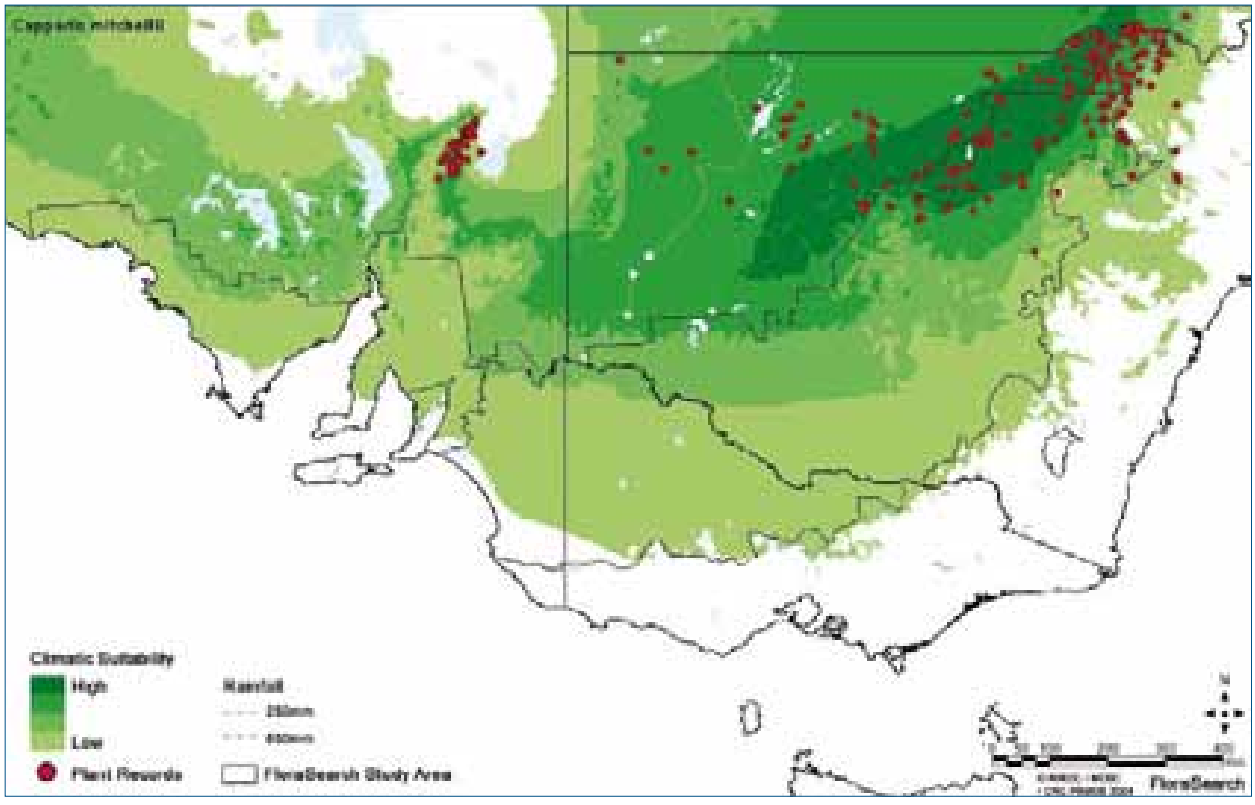
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.6	780	0.41		13.1	4.3		10.4	80.6	11.9	H



Capparaceae | *Capparis mitchellii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
10	10		13	44	42	79	25	8	11	2	63	119

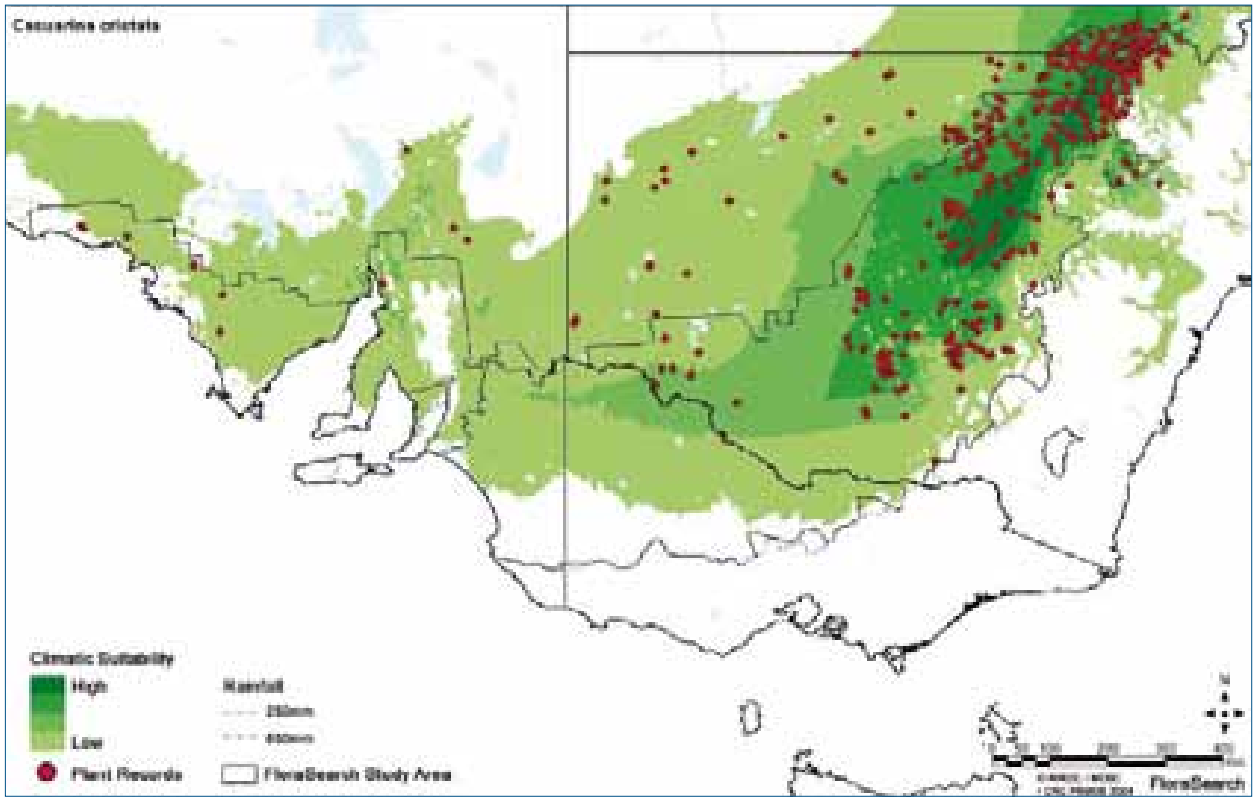
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
5.11	695	3.06	38	19.1	5.6		16.1	64.6	9.3	H



Casuarinaceae | *Casuarina cristata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	10	4	22	109	166	178	32	33	15	50	156	257

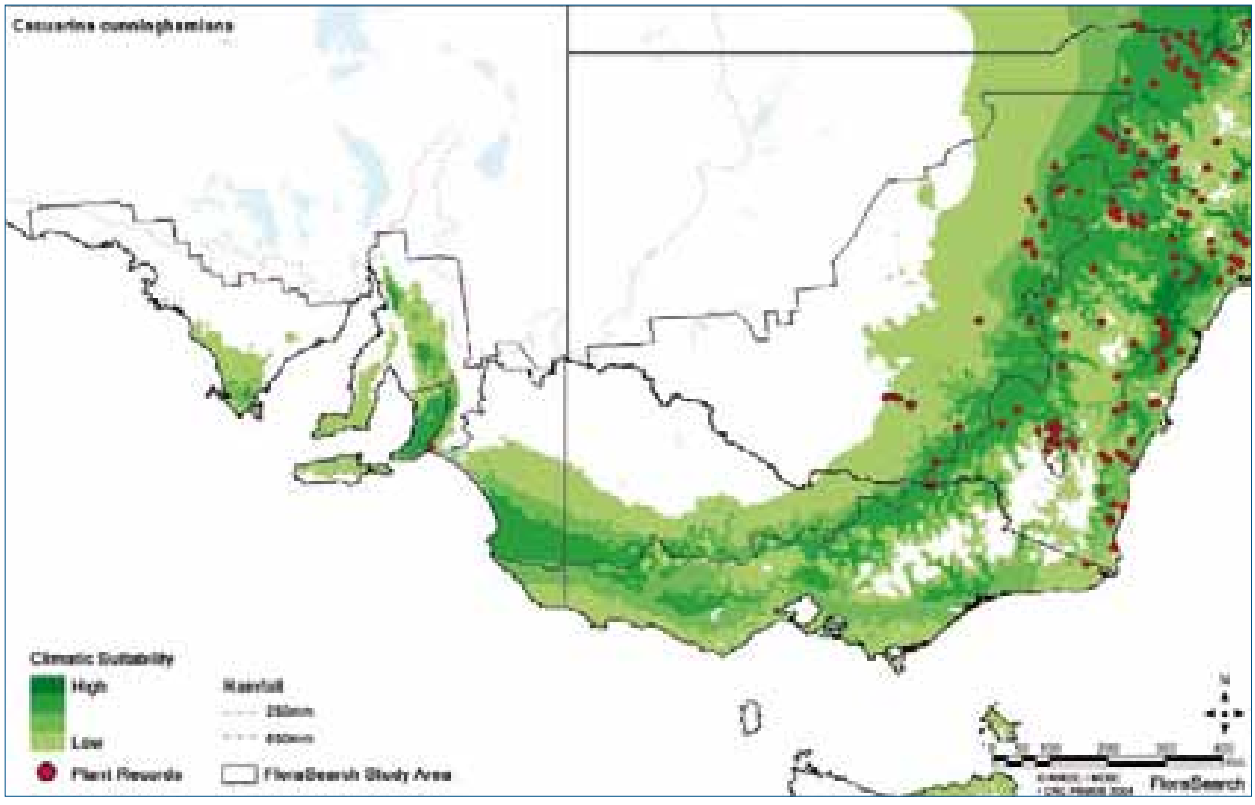
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.1	837	0.72	<37				8.5	46	6.3	H



Casuarinaceae | *Casuarina cunninghamiana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
30	12			11	21	51	271	56	26	98	150	24

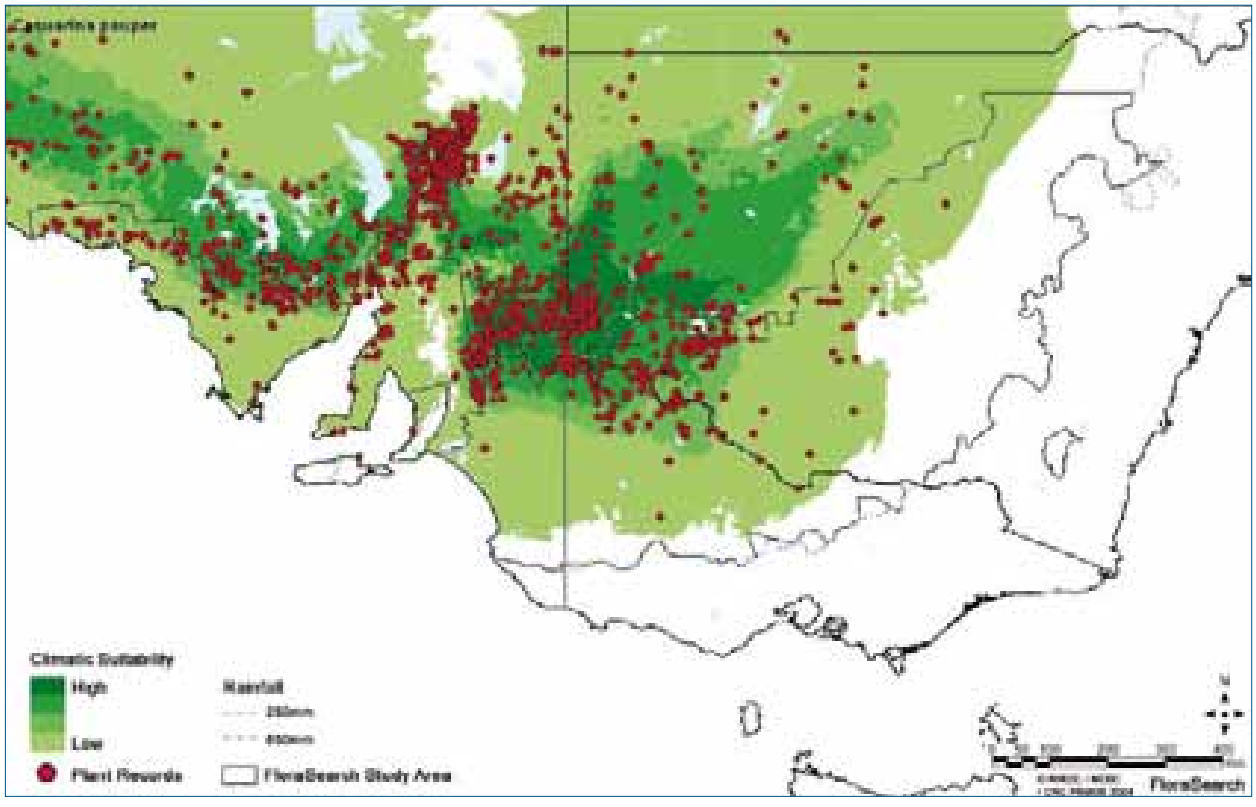
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
3.5	491	1.34	48.2 c	13.4	5.6					



Casuarinaceae | *Casuarina pauper*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
25	10	514	674	74	7		1	510	54	436	174	96

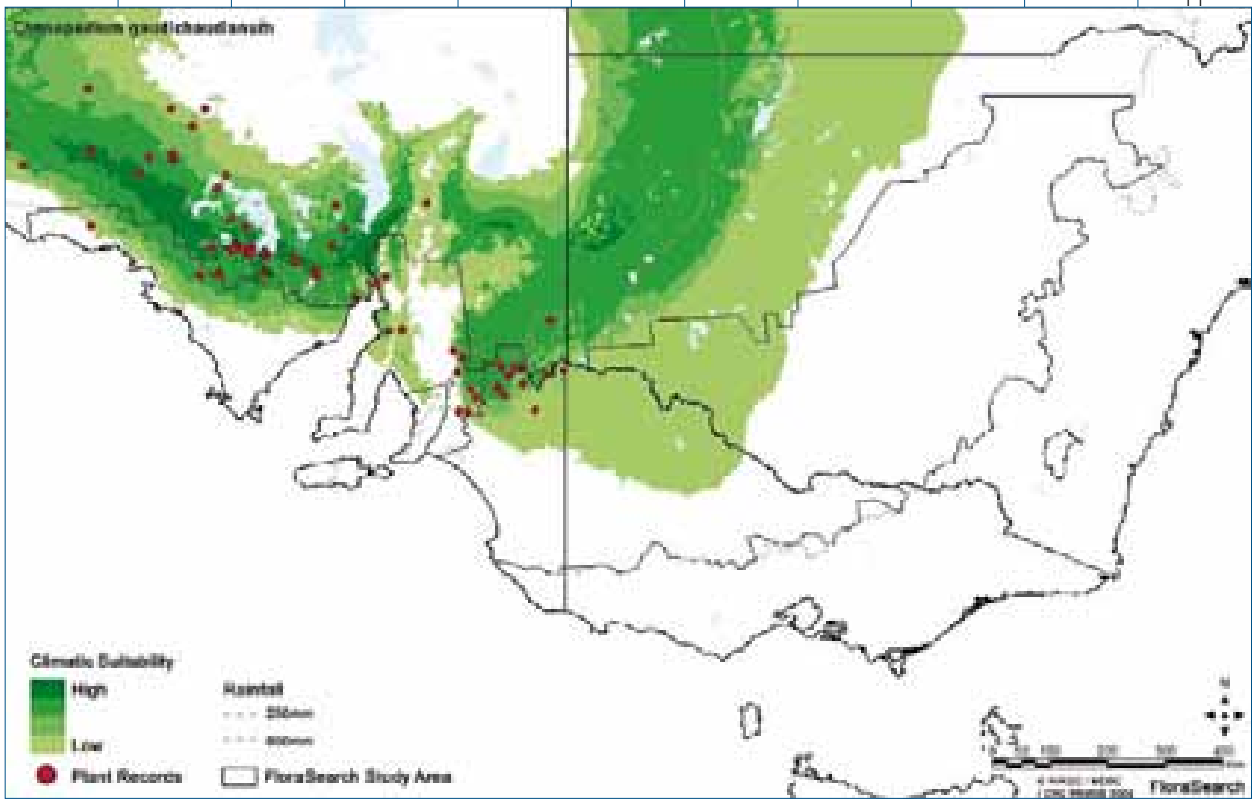
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
3.72	707	2.2	<39	10	4.6					



Chenopodiaceae *Chenopodium gaudichaudianum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2	55	35	5	1			34	10	46	6	

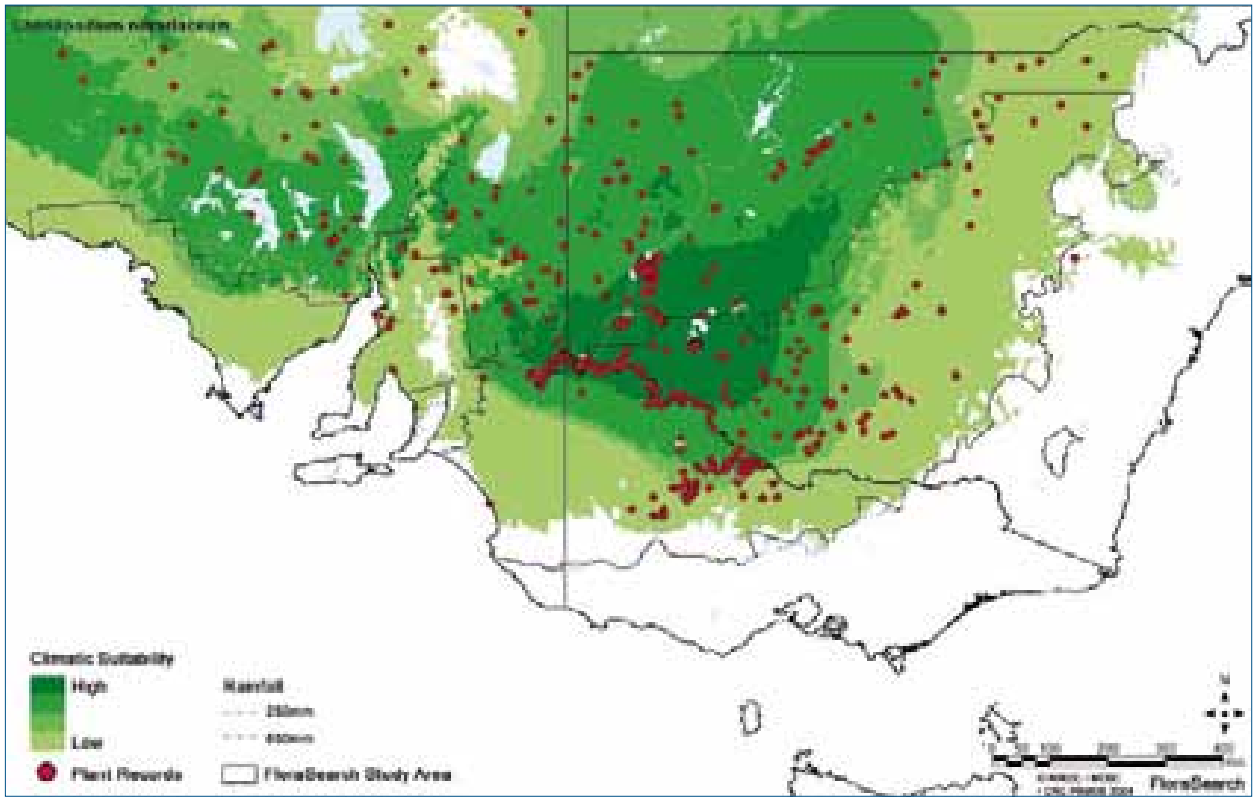
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										M



Chenopodiaceae | *Chenopodium nitrariaceum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	4	126	374	164	14	3	1	46	17	57	96	466

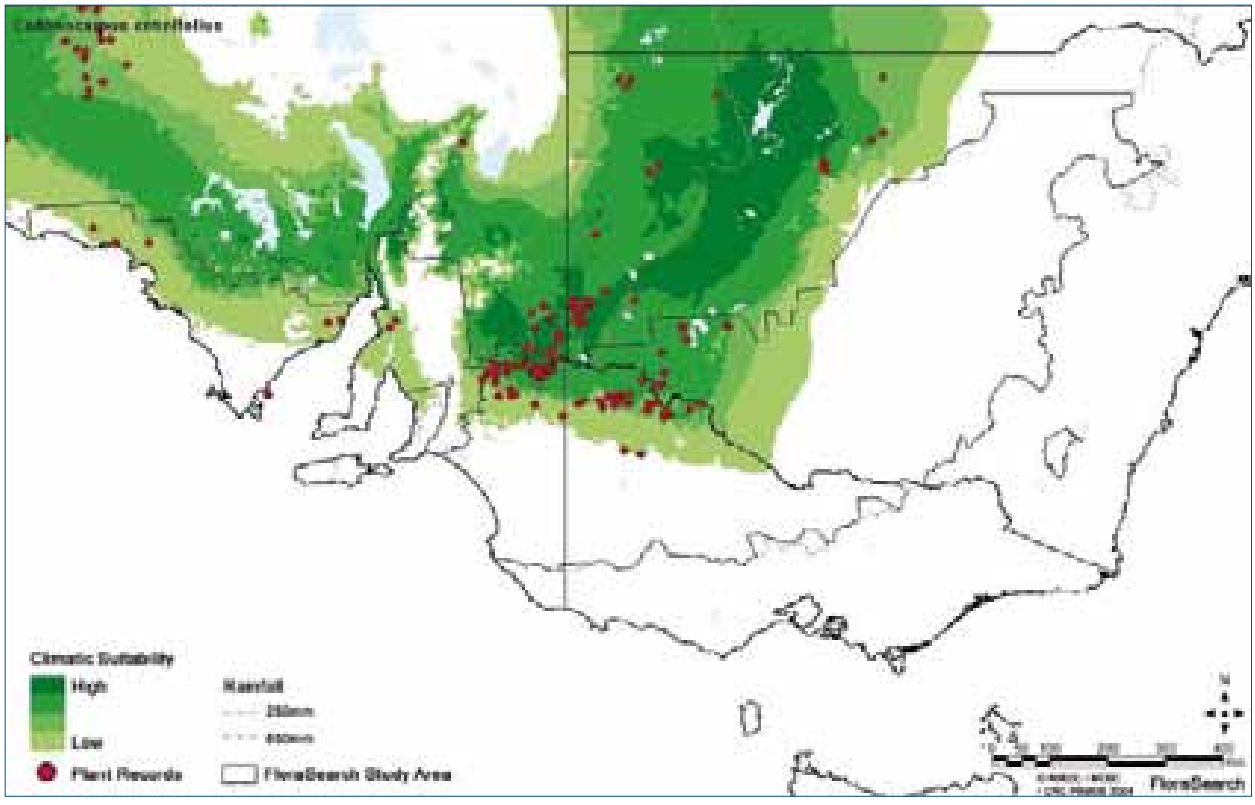
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
							20.8	78.6	11.5	M



Gyrostemonaceae | *Codonocarpus cotinifolius*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
10	4	41	110	13	1		1	112	9	24	11	10

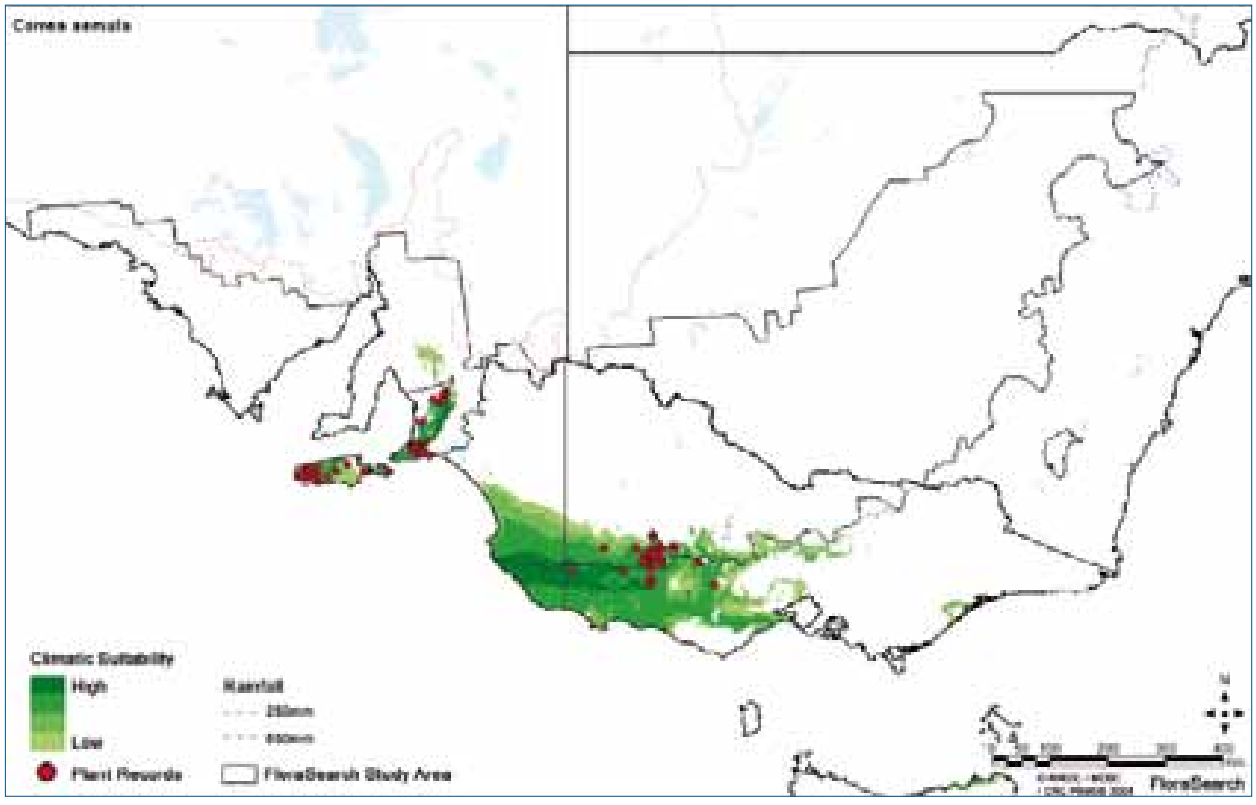
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
	397 w		46.5	9	5.7					



Rutaceae	*Correa aemula*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	3		1		15	22	112	72	28	50		

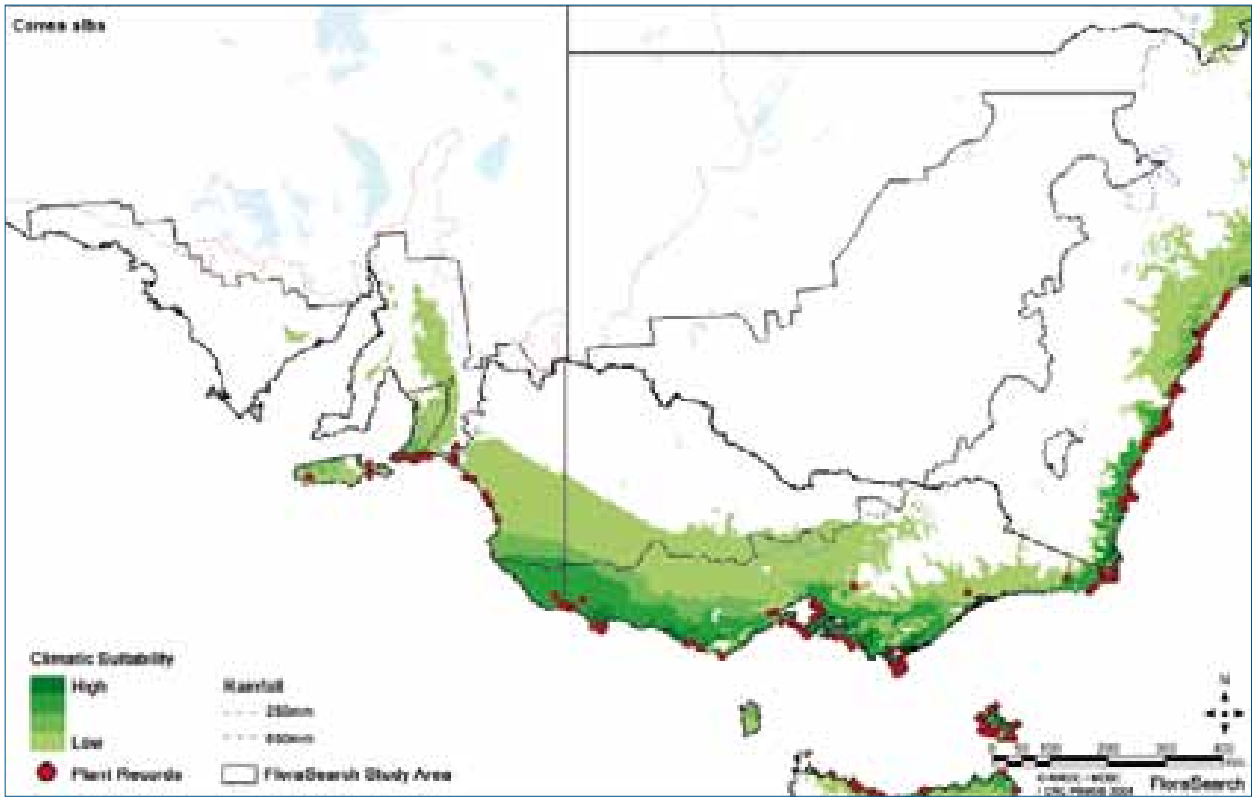
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Correa alba*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2			5	15	27	178	129	19	49	27	1

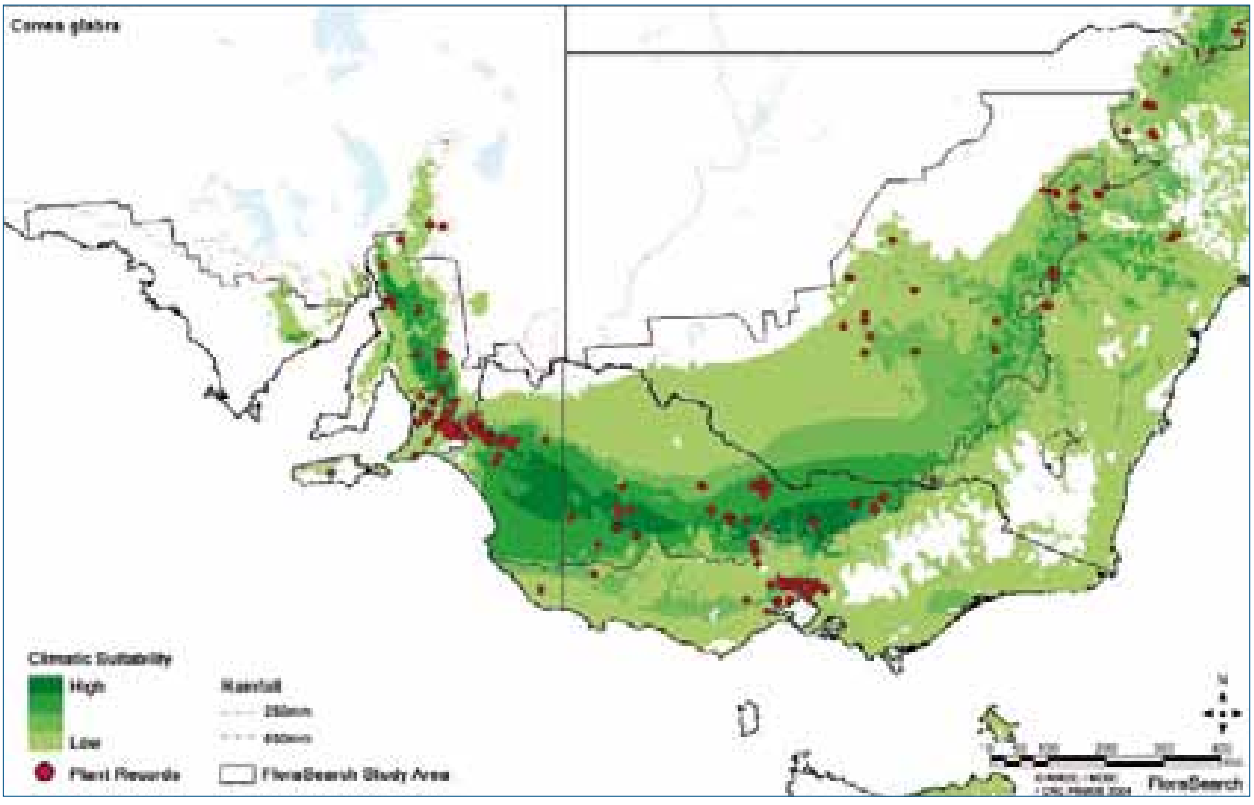
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Correa glabra*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3	1	24	116	76	84	74	116	111	66	44	38

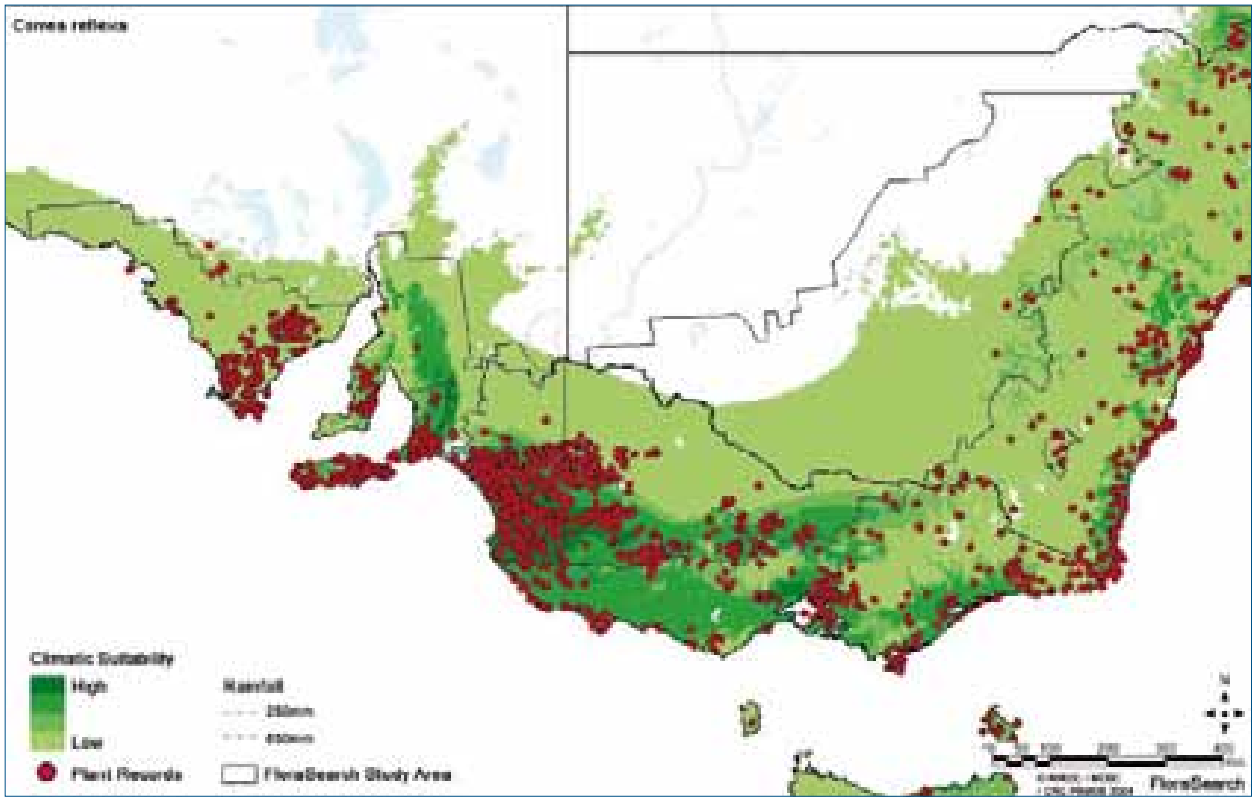
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Correa reflexa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3		167	606	624	274	945	1681	362	359	187	27

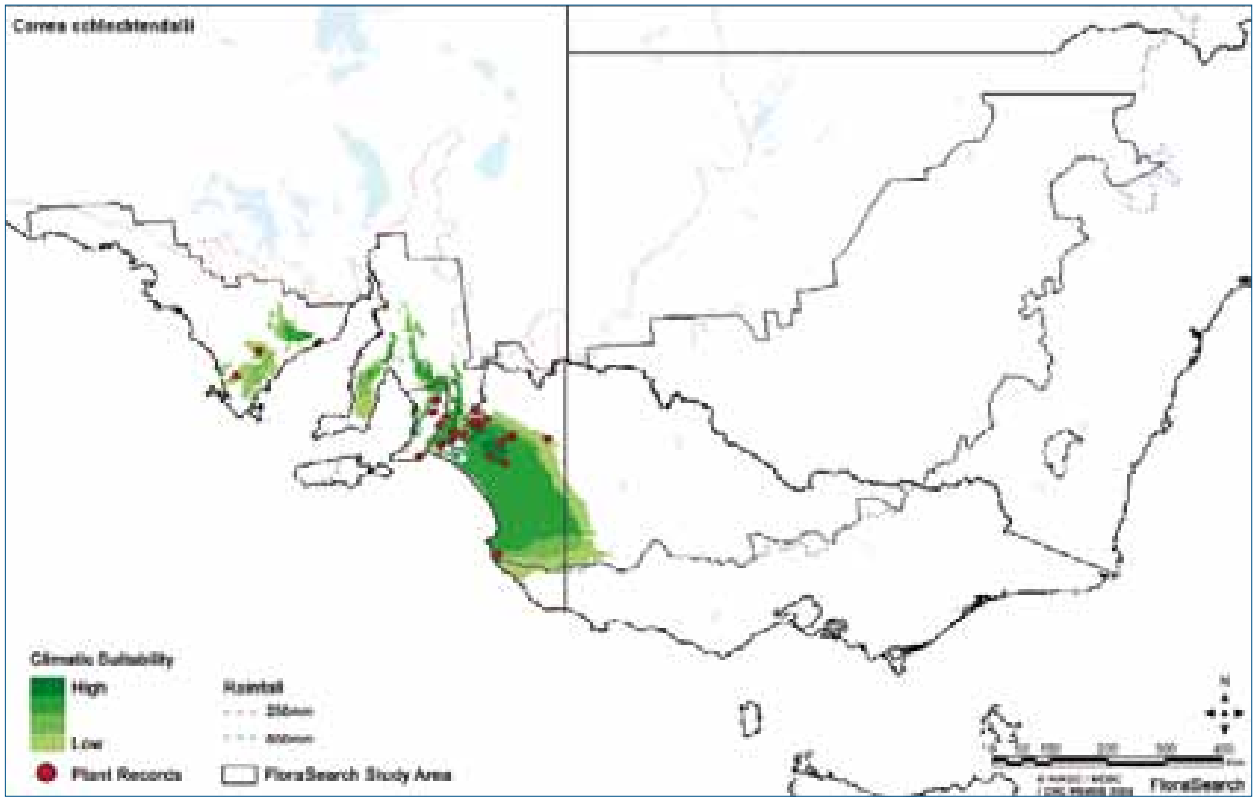
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Correa schlechtendalii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2.5	2		10	18		7	2	16	21			

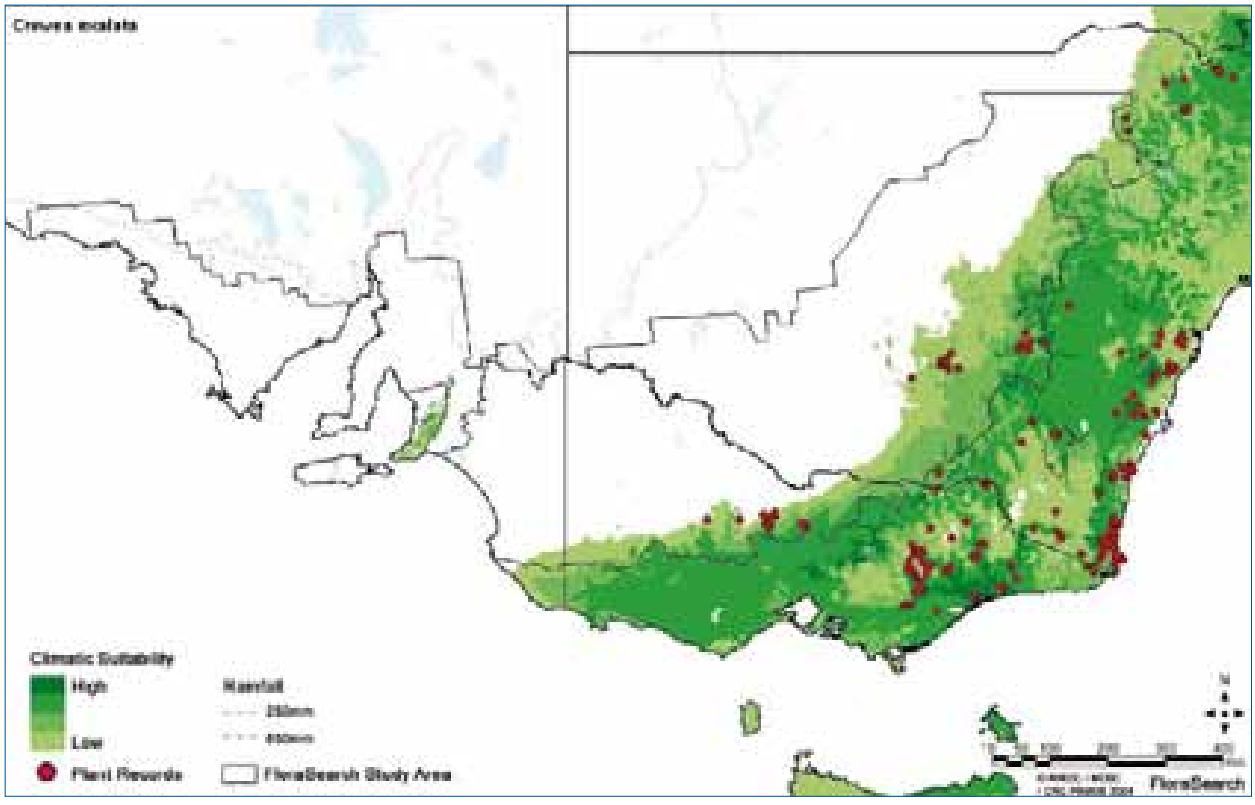
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Crowea exalata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5			1	52	7	296	52	79	124	100	1

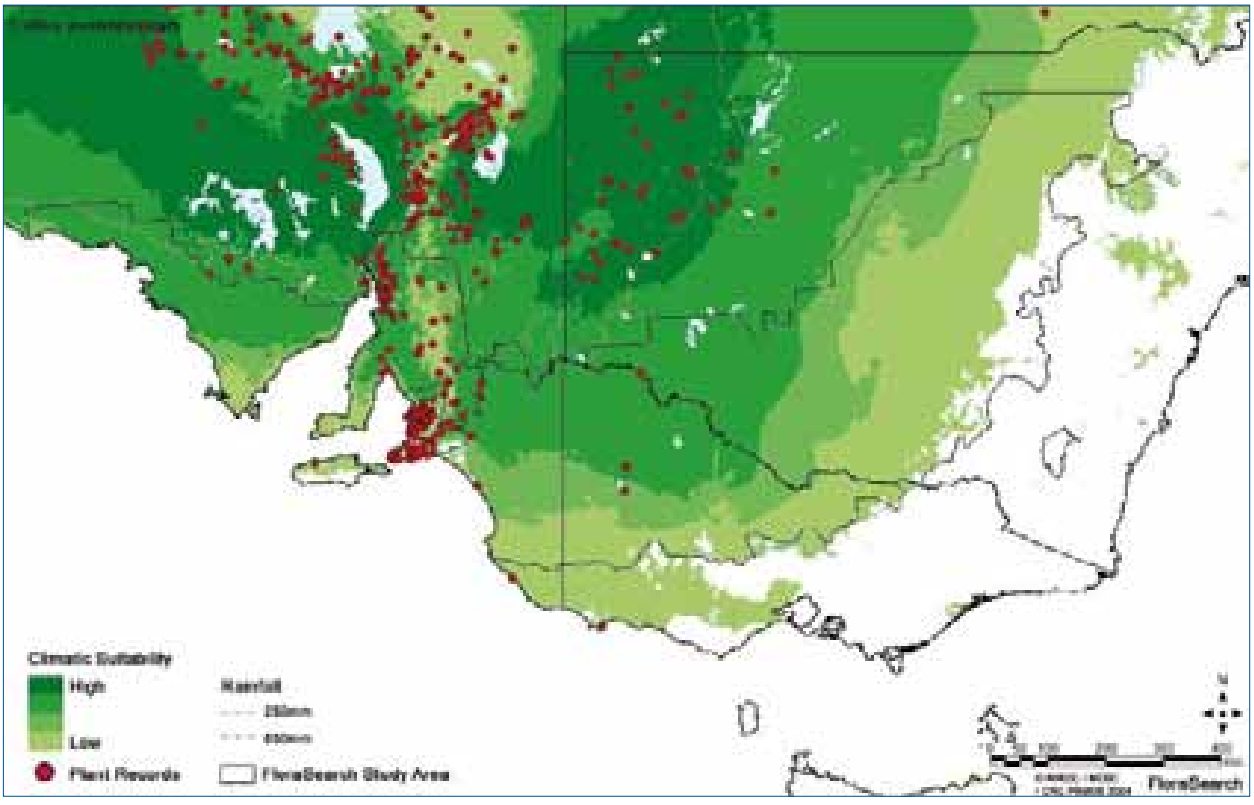
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Cullen australasicum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	3	52	57	44	56	43	82	85	101	50	78	20

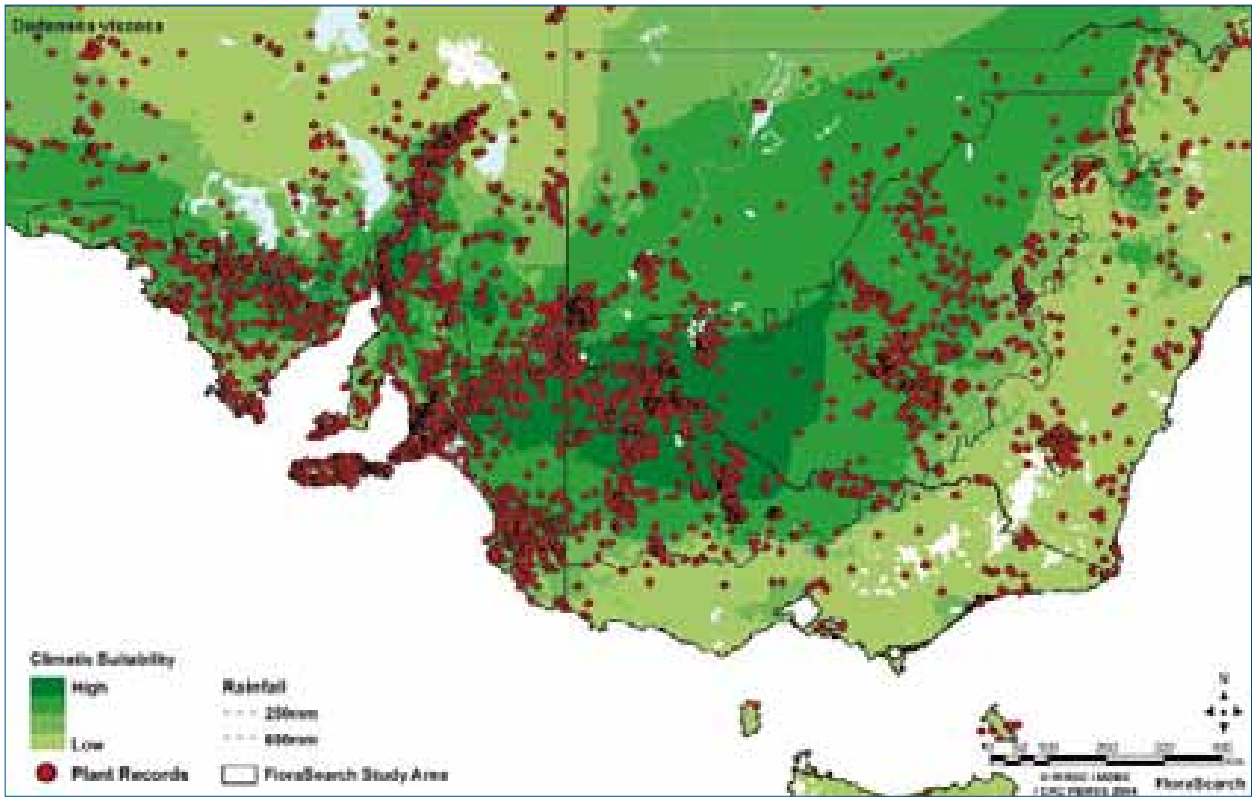
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H



Sapindaceae | *Dodonaea viscosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	5	561	1806	1077	1076	790	1129	2542	1207	1403	857	430

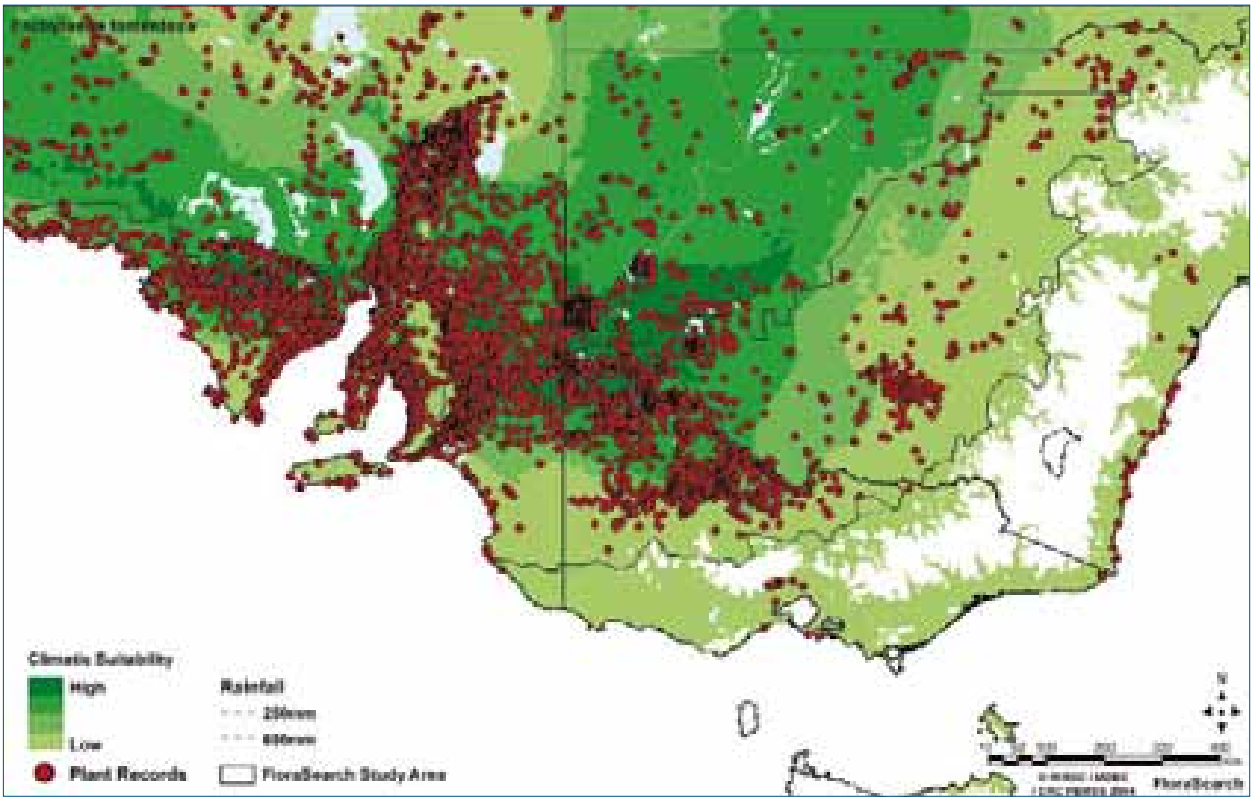
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.64	836	1.88		8.8	5.2		10.3	61.5	8.8	L



Chenopodiaceae | *Enchylaena tomentosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
0.5	1	1077	3628	1282	331	116	65	2741	422	1162	829	1345

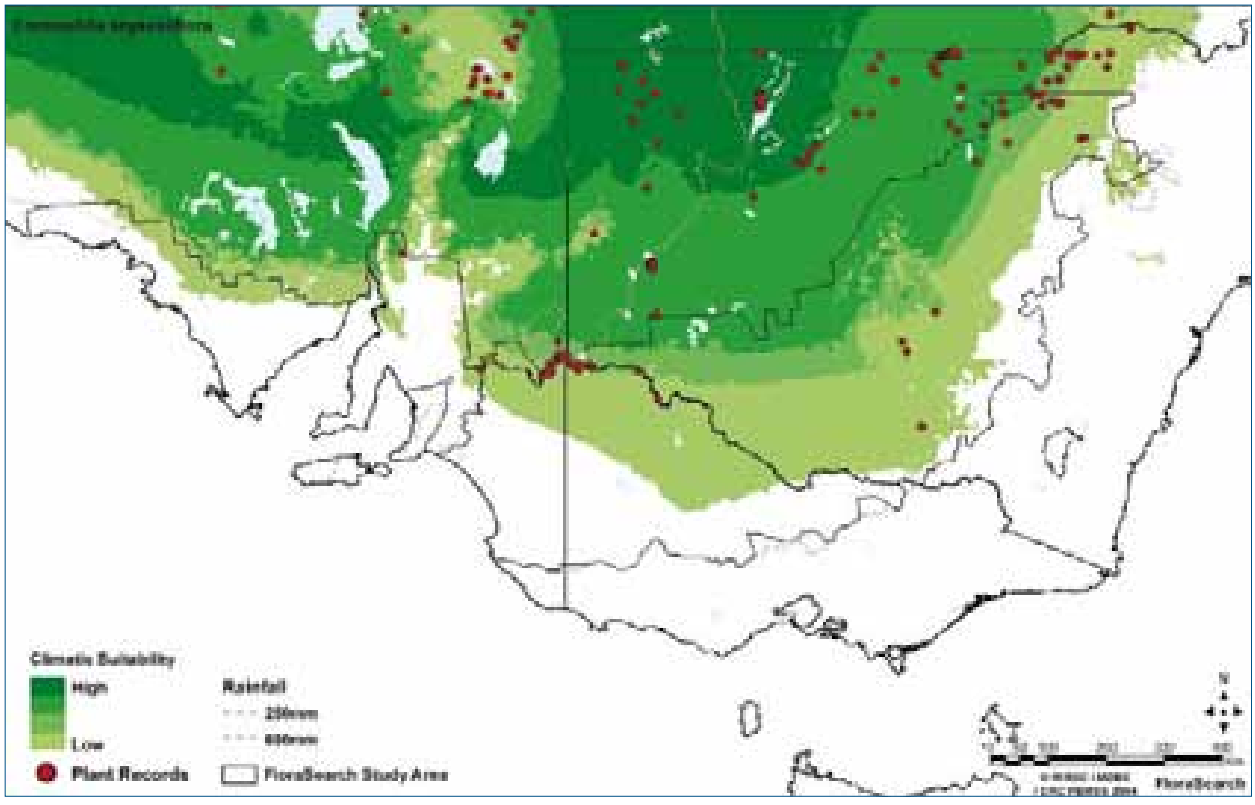
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.07							18.5	66.3	9.6	H

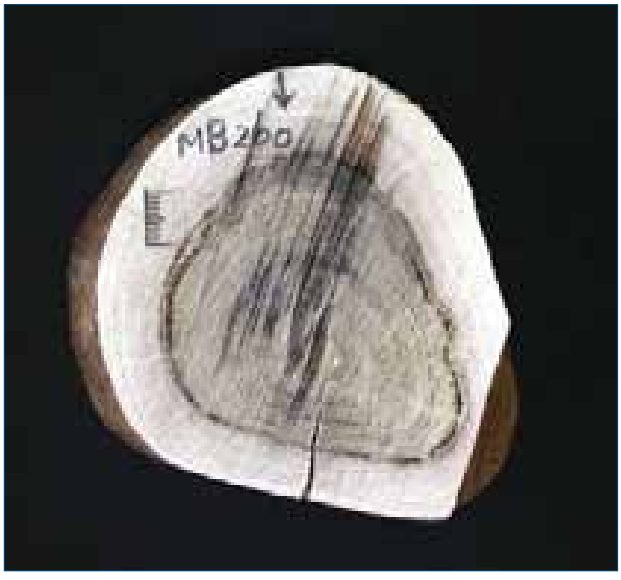


Myoporaceae | *Eremophila bignoniiflora*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
7	4	17	58	52	34	11	2	10	8	9	20	127

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
2.74	813	1.83		12	4.7		12	82.6	12.2	

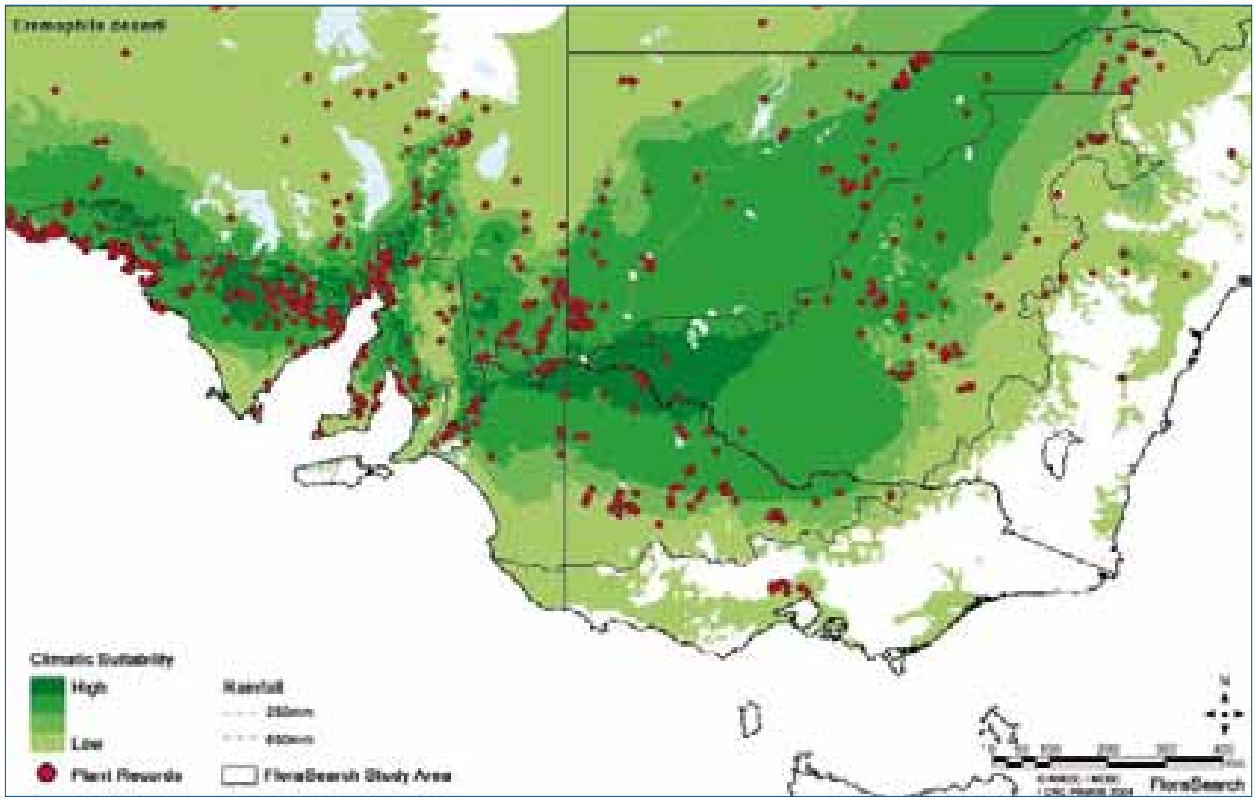




Myoporaceae | *Eremophila deserti*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
4	4	90	296	226	68	72	24	296	98	112	195	75

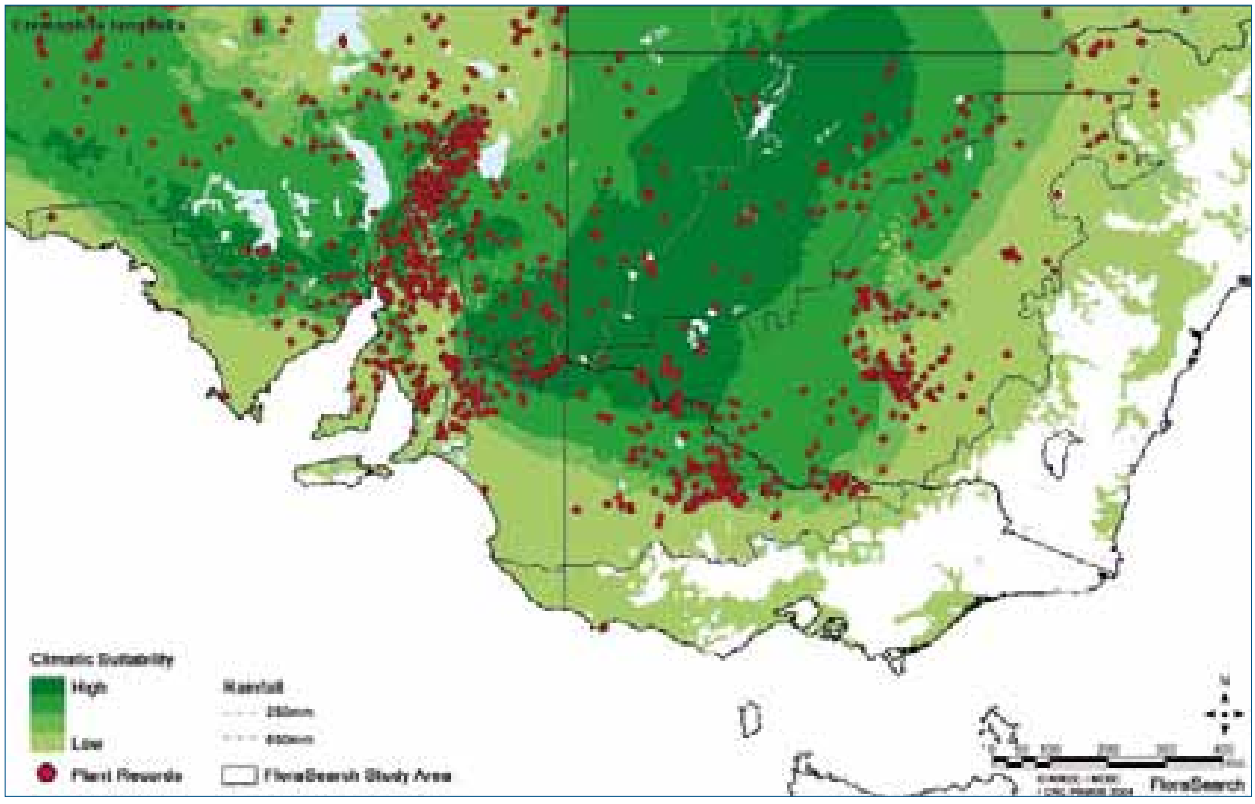
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
1.07	803	0.67		8.9	4.5		14	82.8	12.2	



Myoporaceae | *Eremophila longifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
8	5	124	293	412	114	39	14	244	92	172	328	160

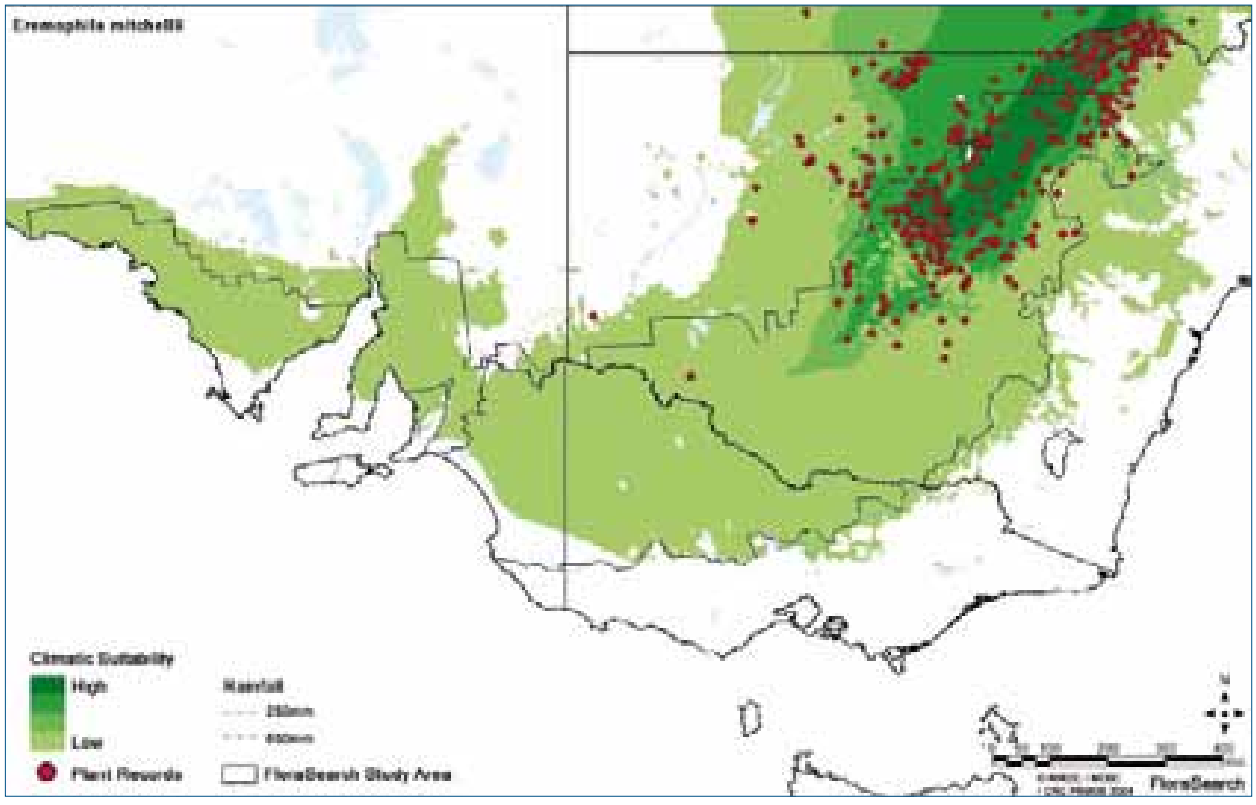
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.35	672	1.23	<38	8.8	5.2		13.2	75.4	11	H



Myoporaceae | *Eremophila mitchellii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
9	5	1	24	190	127	146	17	19	17	30	249	190

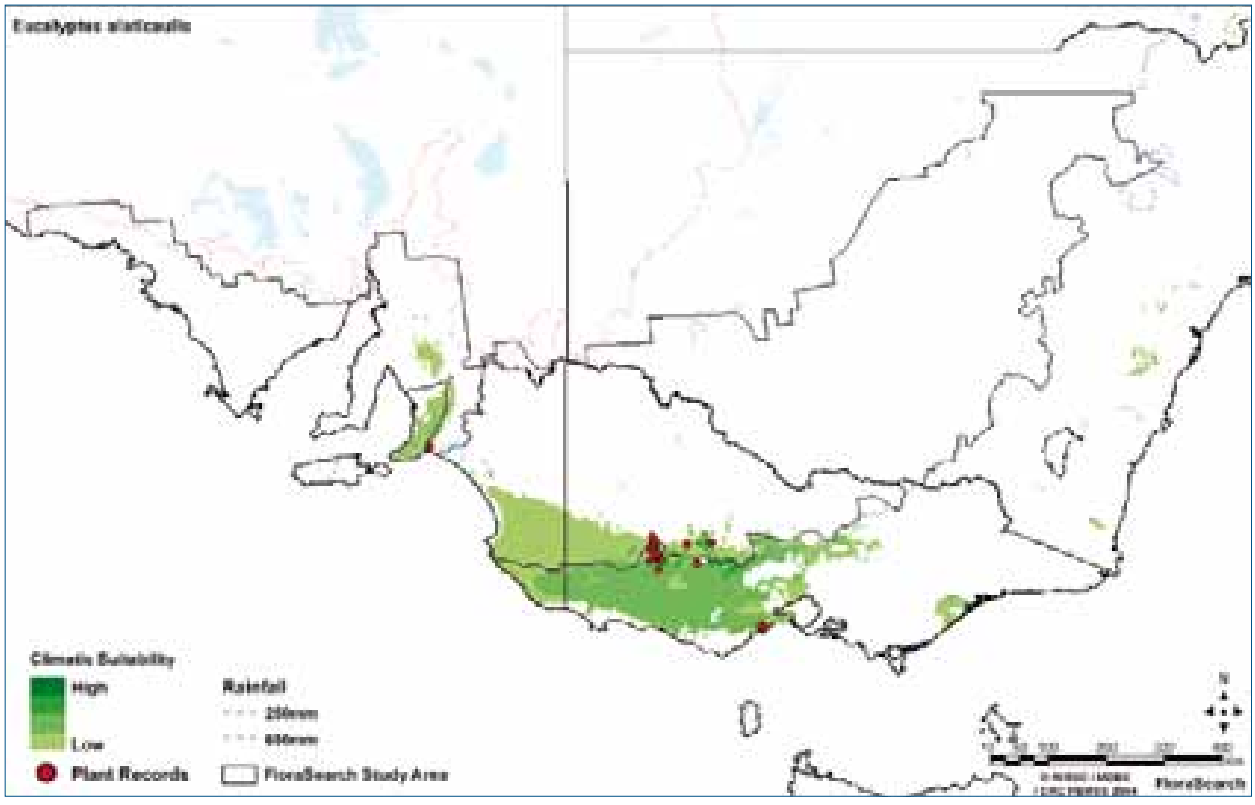
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
1.39	838	0.91		13.2	4.8					



Myrtaceae	*Eucalyptus alaticaulis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
65	35				2	3	16	14	5	3		

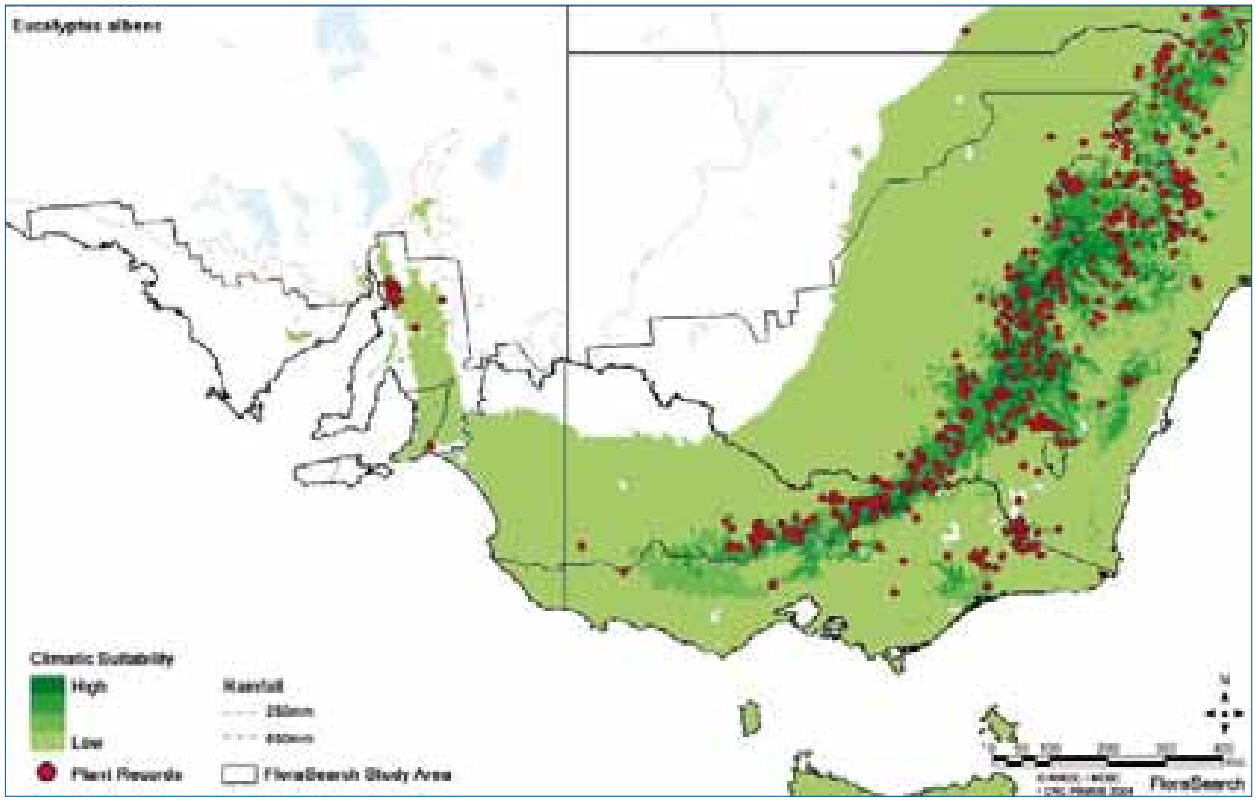
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
15.48 n	660 e	7.97								



Myrtaceae	*Eucalyptus albens*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15		3	8	174	272	506	94	144	384	279	62

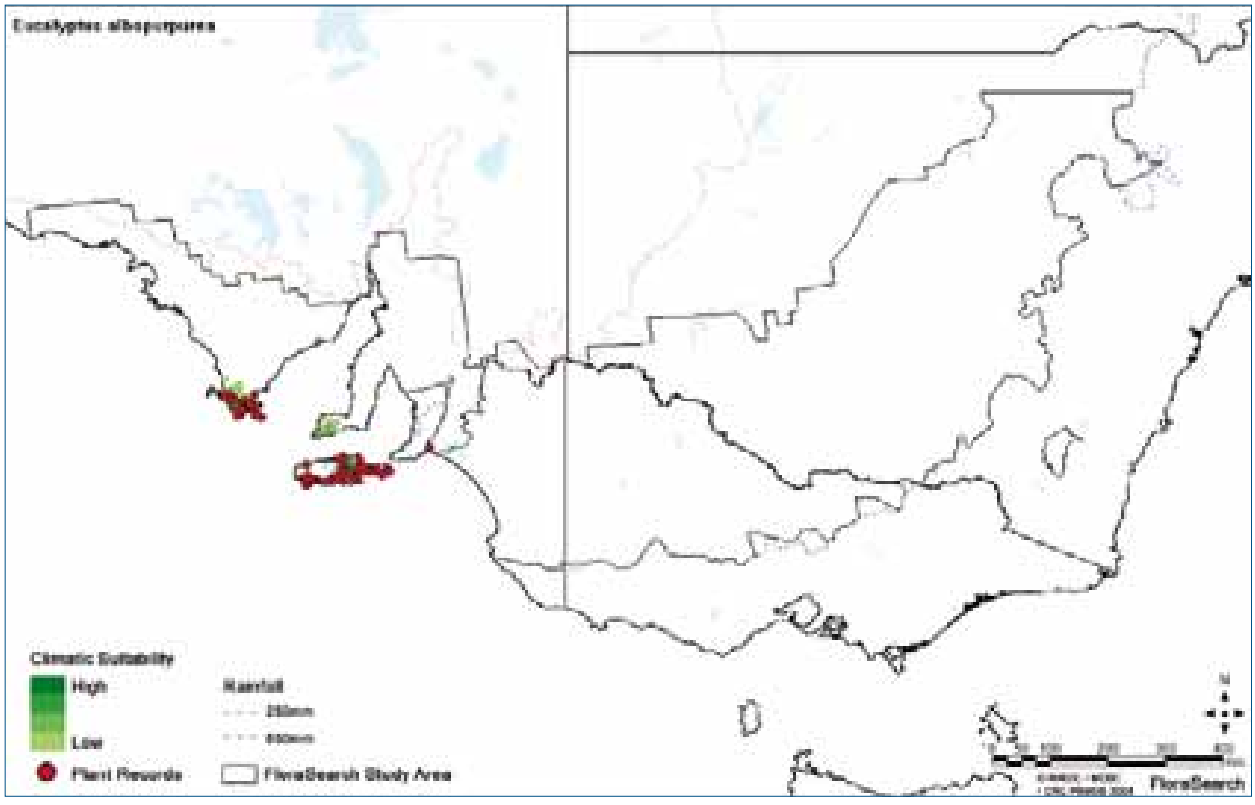
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.46	850	4.28		8.7	3.8	0.05				



Myrtaceae	*Eucalyptus albopurpurea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8		1	5	61	19	20	71	33	2		

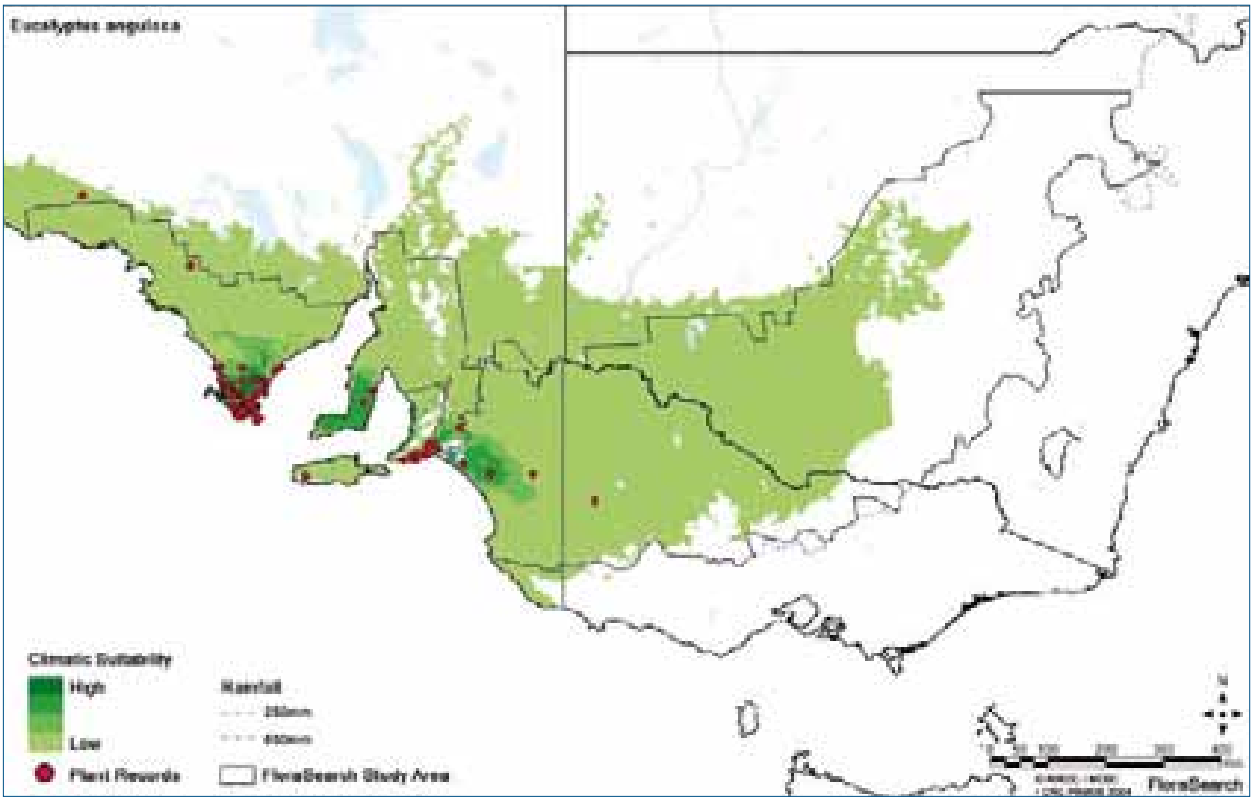
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.7 n	777 e	2.24								



Myrtaceae	*Eucalyptus angulosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	7	1	13	31	90	39	21	185	9		1	

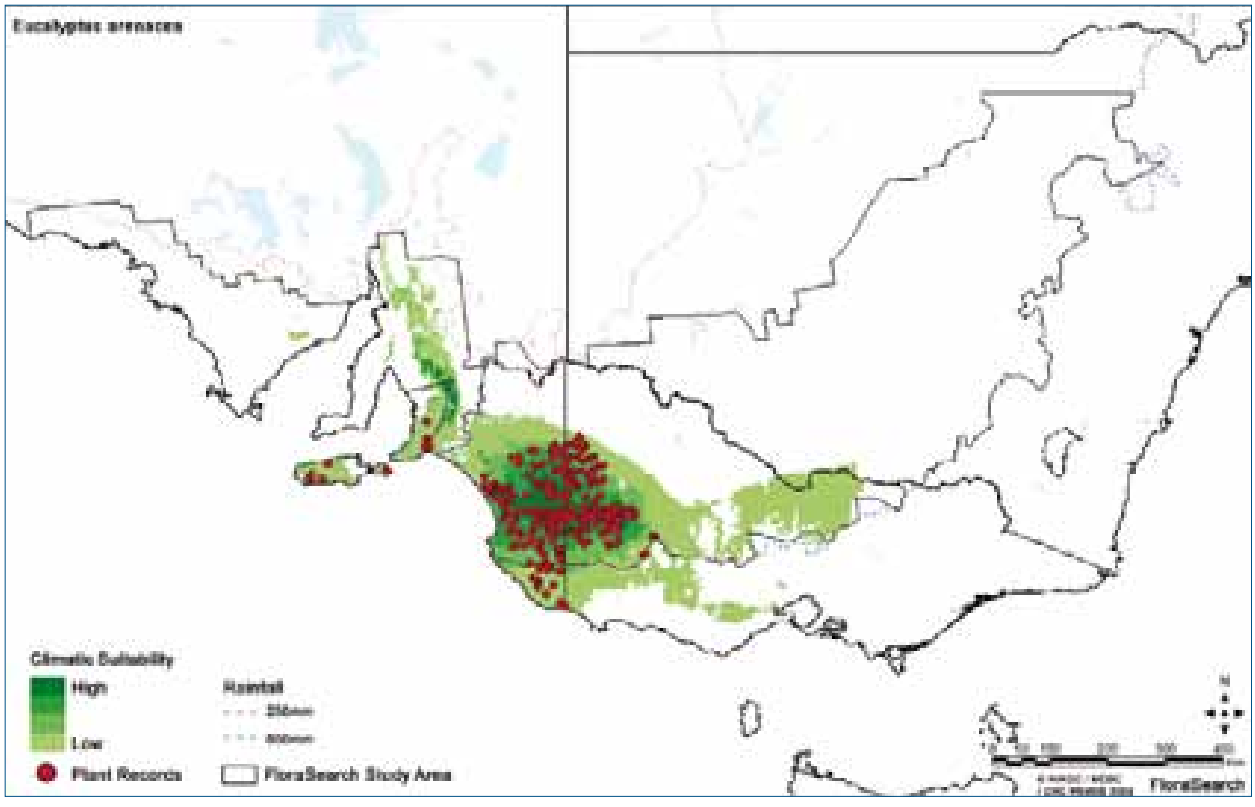
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.38 n	768 e	2.03				0.68				



Myrtaceae	*Eucalyptus arenacea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	10		30	189	189	39	29	398	48	7	5	18

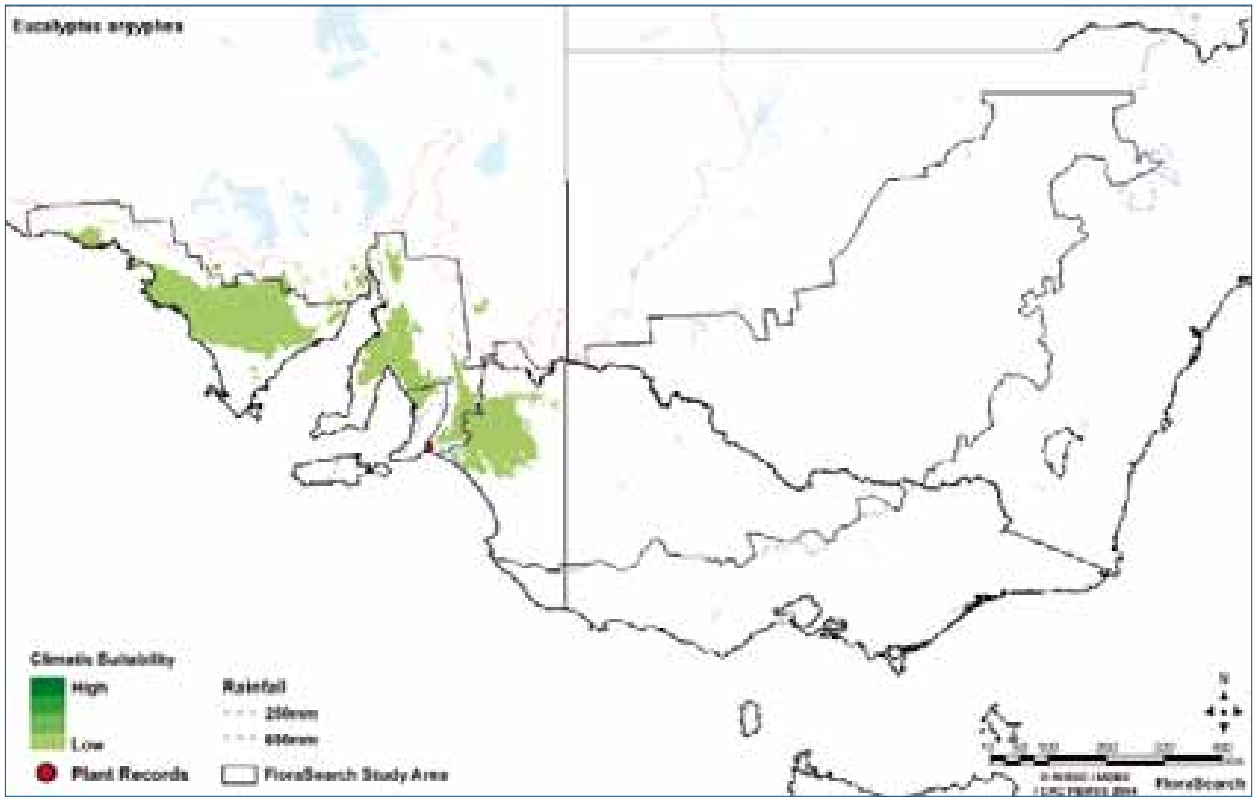
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.18 n										



Myrtaceae	*Eucalyptus argyphea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	12		29	48				76				

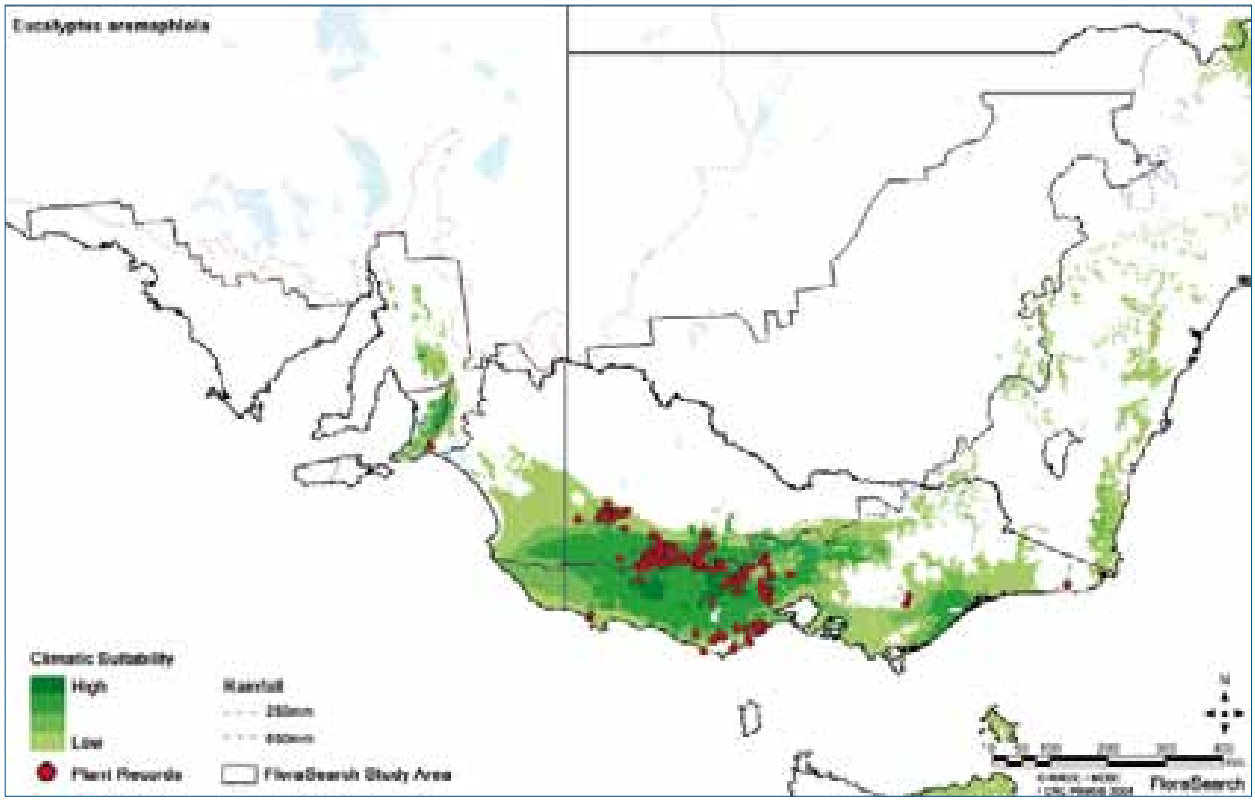
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
15.13 n	660 e	7.79								



Myrtaceae	*Eucalyptus aromaphloia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	10			31	9	95	236	111	42	181	36	1

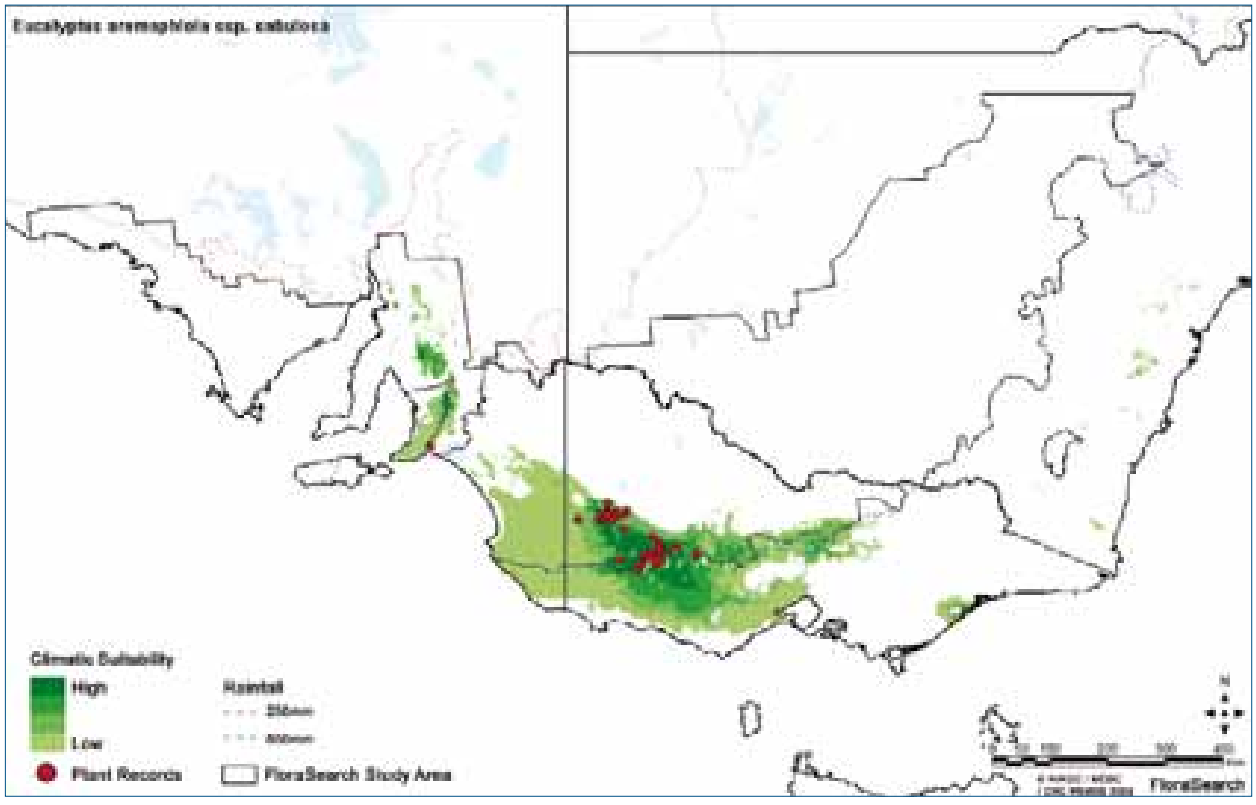
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
21.05 n	540	6.49	43.5	7.7	4.5	2.95				

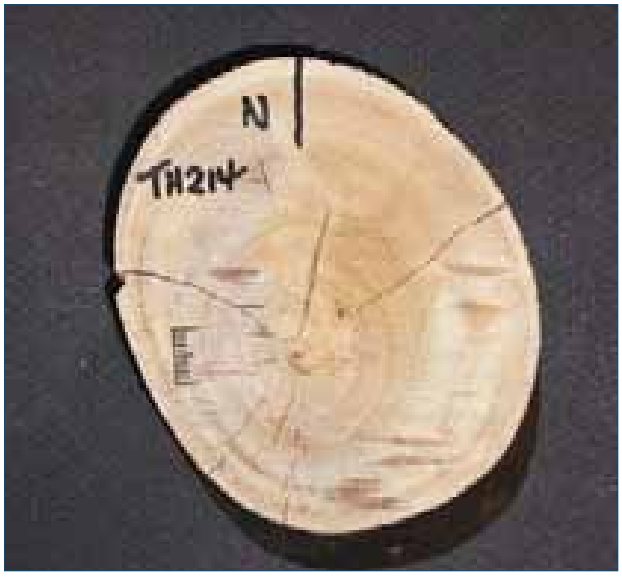


Myrtaceae	*Eucalyptus aromaphloia* ssp. *sabulosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15			31	9	95	236	111	42	181	36	1

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
25.49 n	540	7.85	44.5	7.7	4.5	2.95				

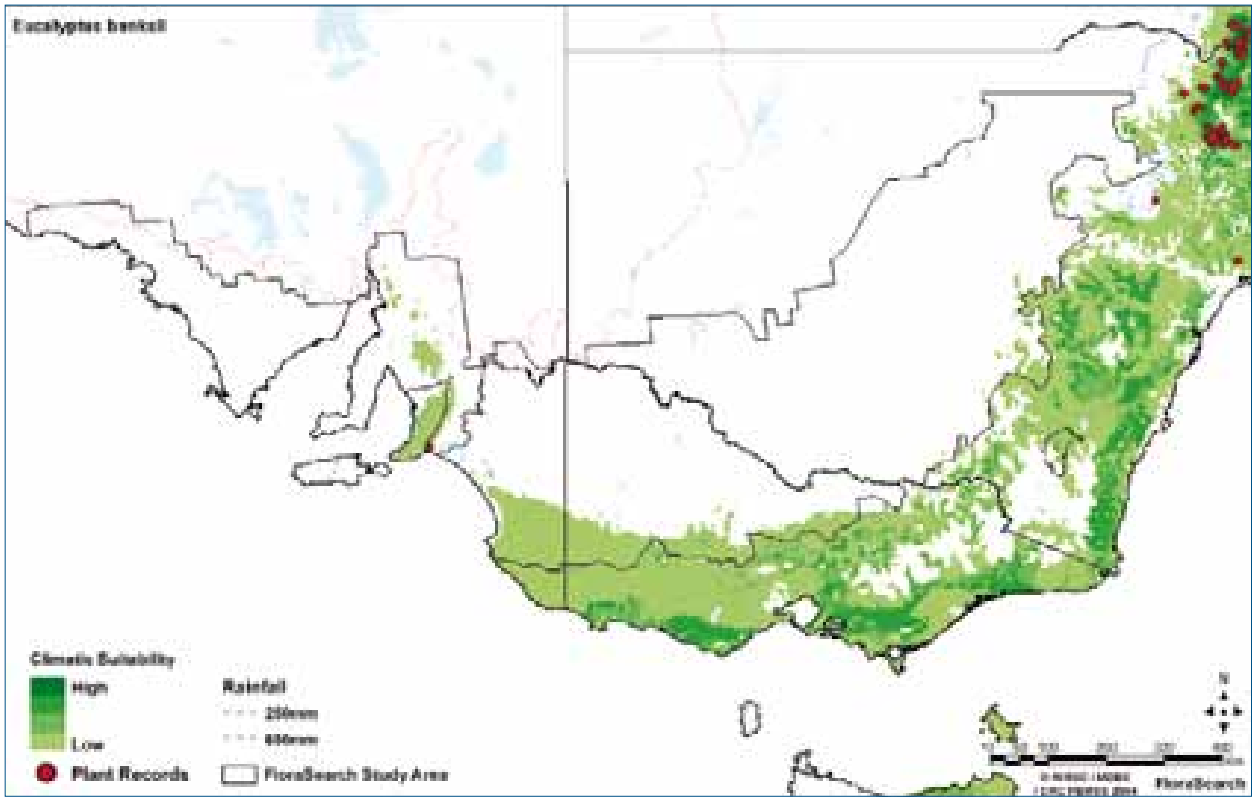




Myrtaceae	*Eucalyptus banksii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	12						149	39	11	37	62	

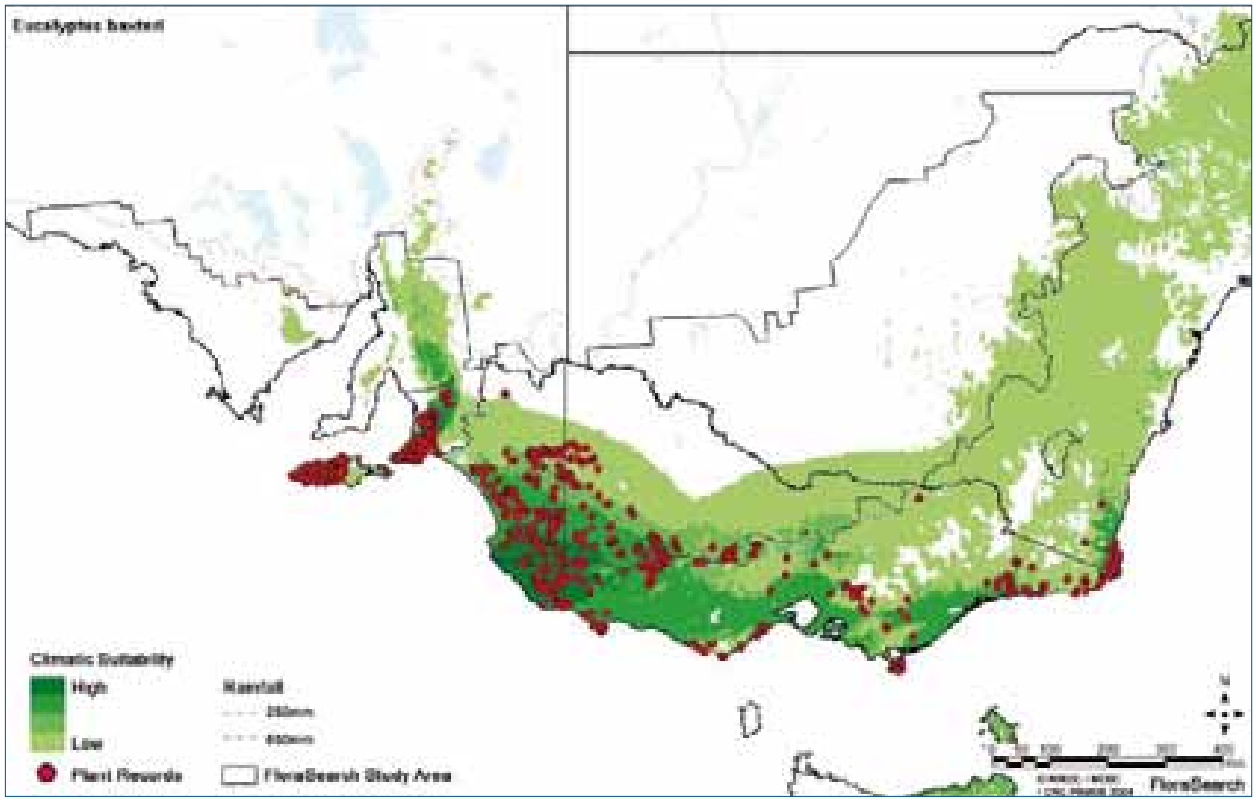
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
32.74 n	660 e	16.85				0.3				

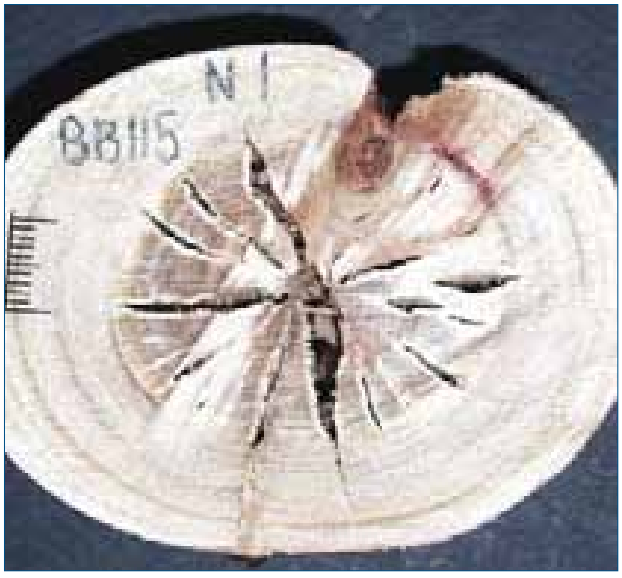


Myrtaceae	*Eucalyptus baxteri*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
40	12		11	76	125	178	890	635	289	285	64	7

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
10.85	490	3.15	46.0	8	4.6	0.55				

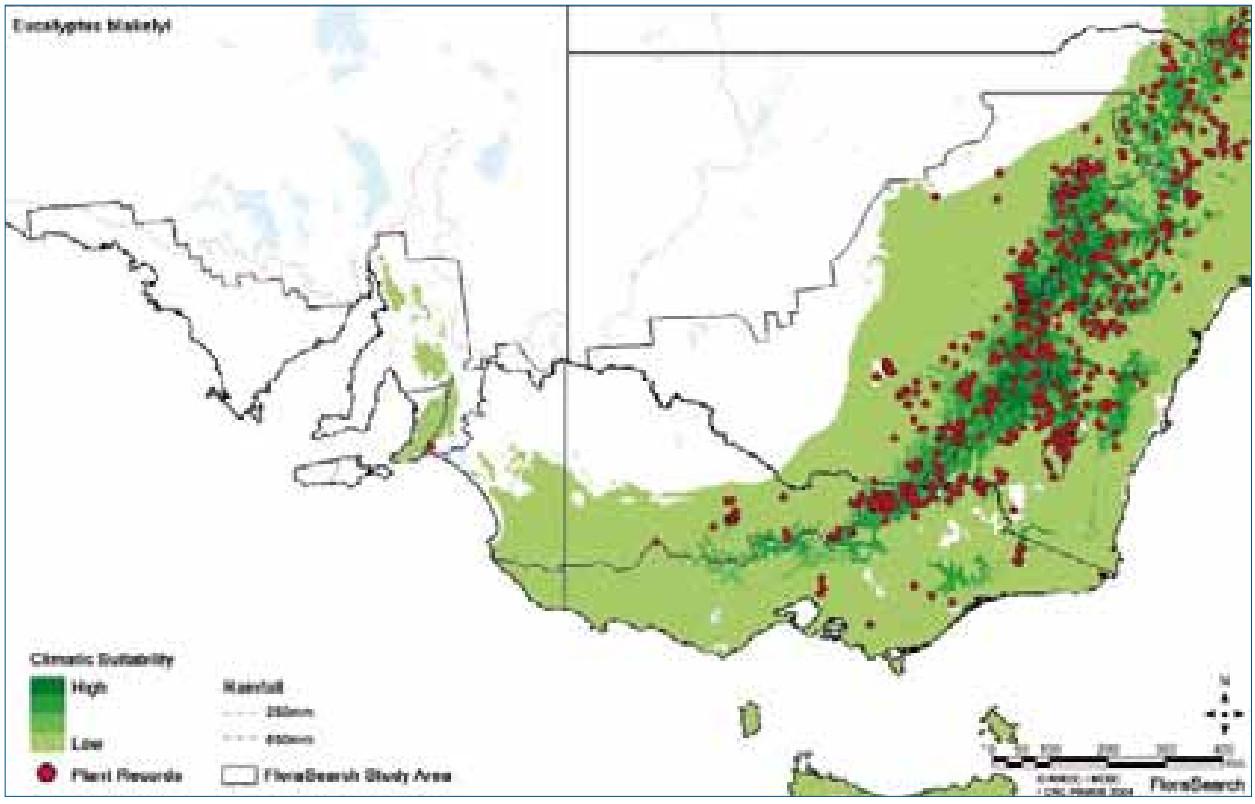




Myrtaceae	*Eucalyptus blakelyi*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	15			23	123	331	789	153	276	606	208	23

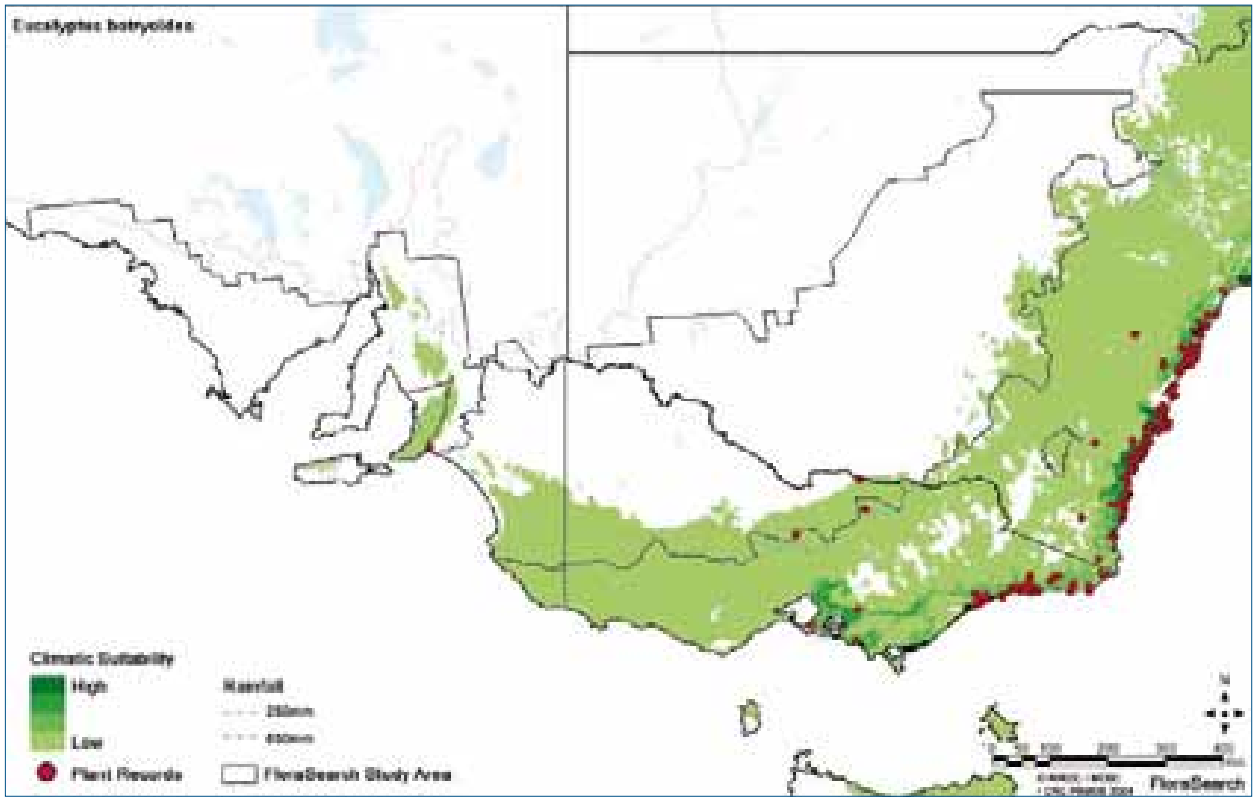
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.02 n	543	2.97	44.7	3.4	5.2	1.6				



Myrtaceae	*Eucalyptus botryoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
40	25				1	19	264	106	40	106	32	

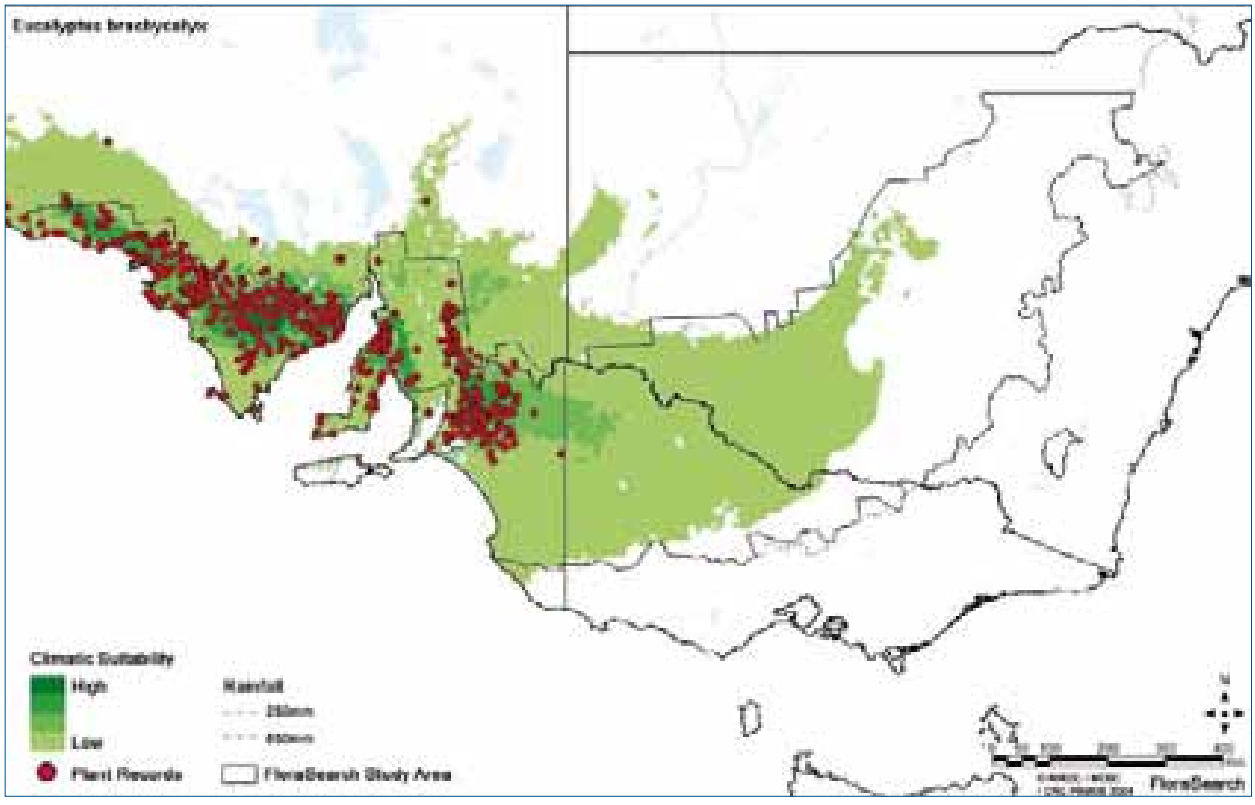
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.46 n	599 c	3.95	47.9 c			0.37				



Myrtaceae	*Eucalyptus brachycalyx*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	10	39	507	135	11	2	3	573	55	65	4	

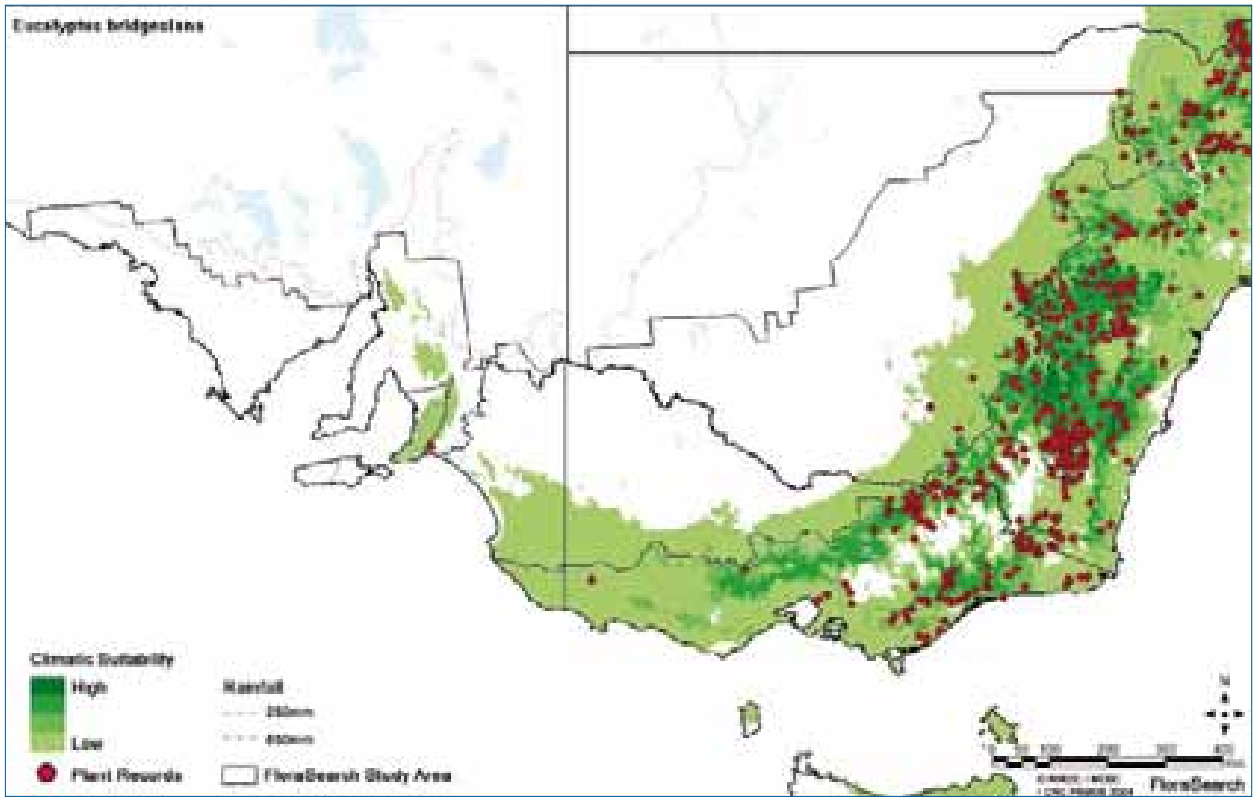
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.59	810	4.37				1.3				



Myrtaceae	*Eucalyptus bridgesiana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15				16	117	737	104	172	437	147	10

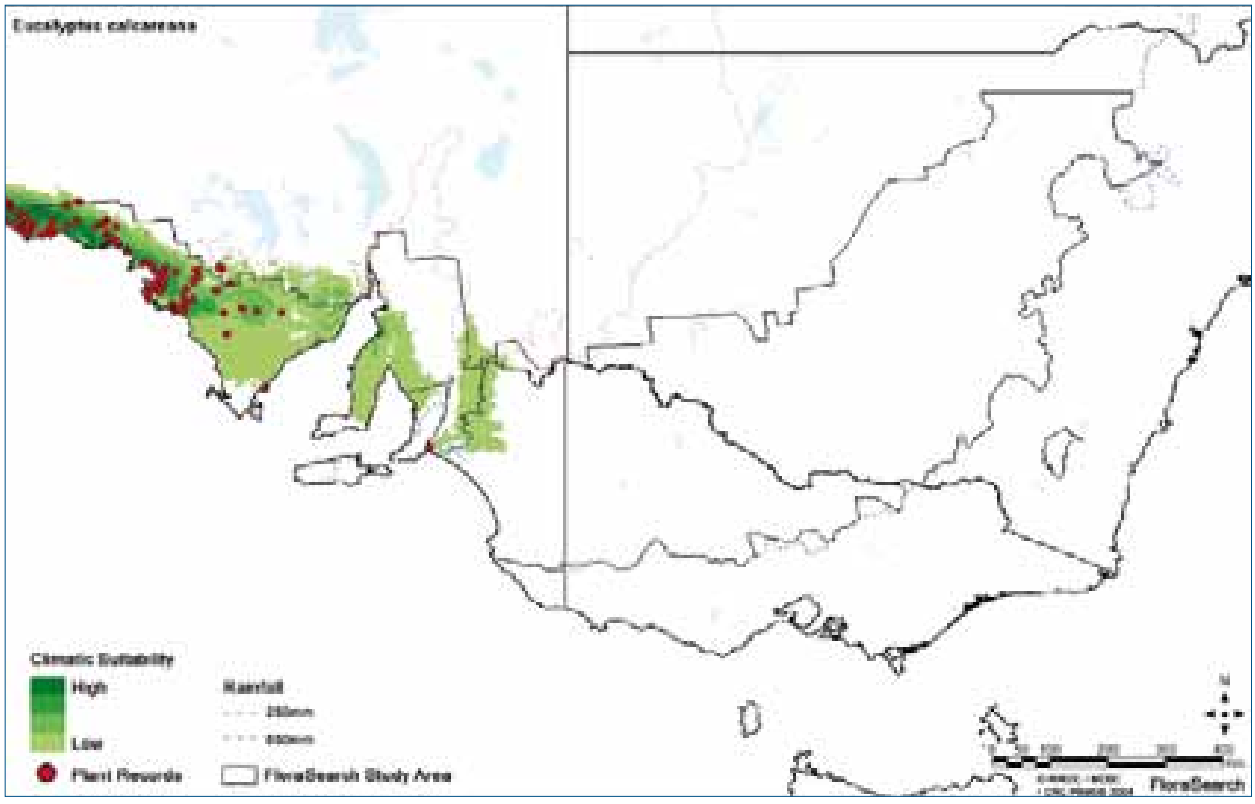
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
13.85 n	539	5.82	46.2	8.8	4.4	0.58				



Myrtaceae	*Eucalyptus calcareana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	12	3	99	26				113	2	13		

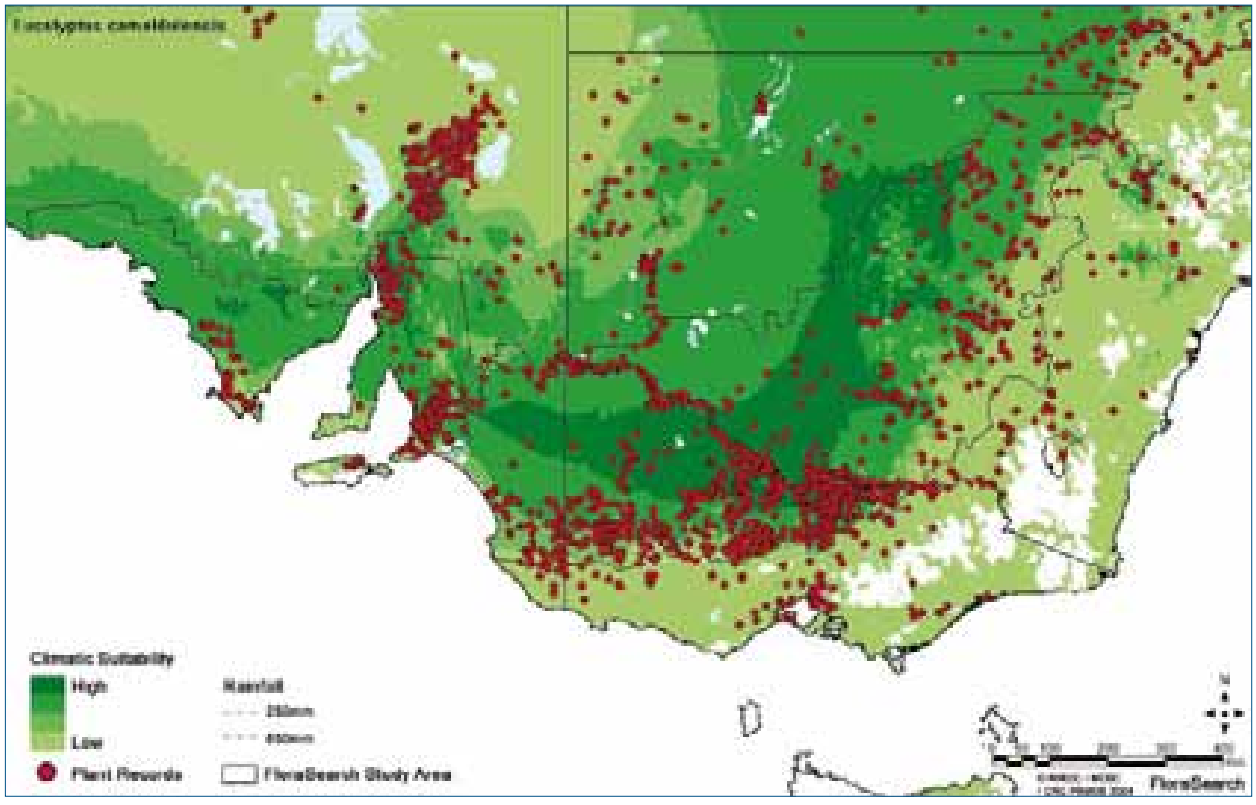
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.26 n	815 e	2.07				1.4				



Myrtaceae	*Eucalyptus camaldulensis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
50	35	92	606	821	726	730	636	683	571	356	1052	949

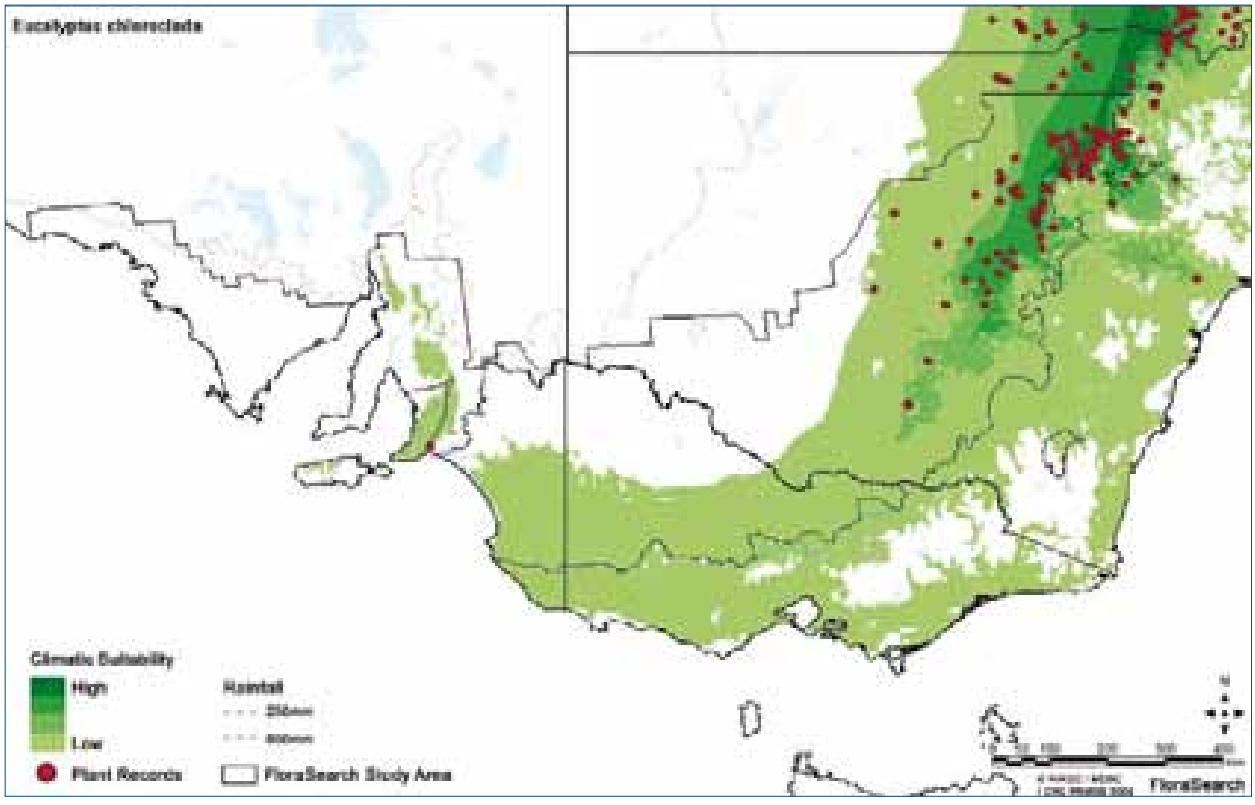
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
19.24 n	502	7.53	38.3 w	16	5.4	1.5				

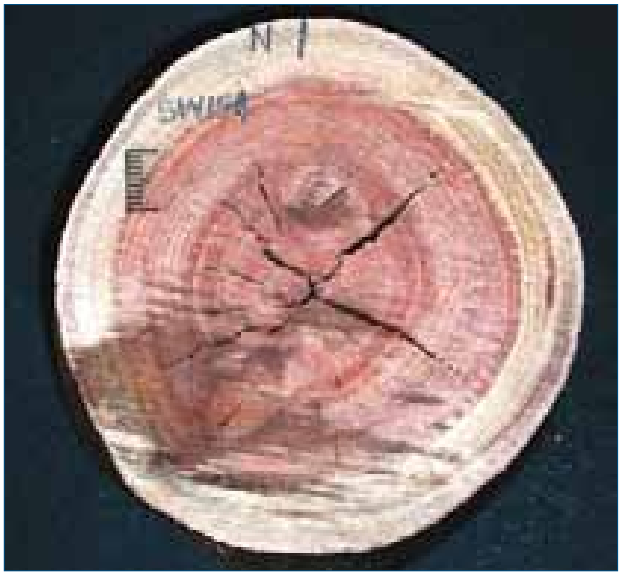


Myrtaceae	*Eucalyptus chloroclada*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	10			8	81	220	117	48	63	19	200	96

Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
20.31 n	621	9.84	39.9	14	4					

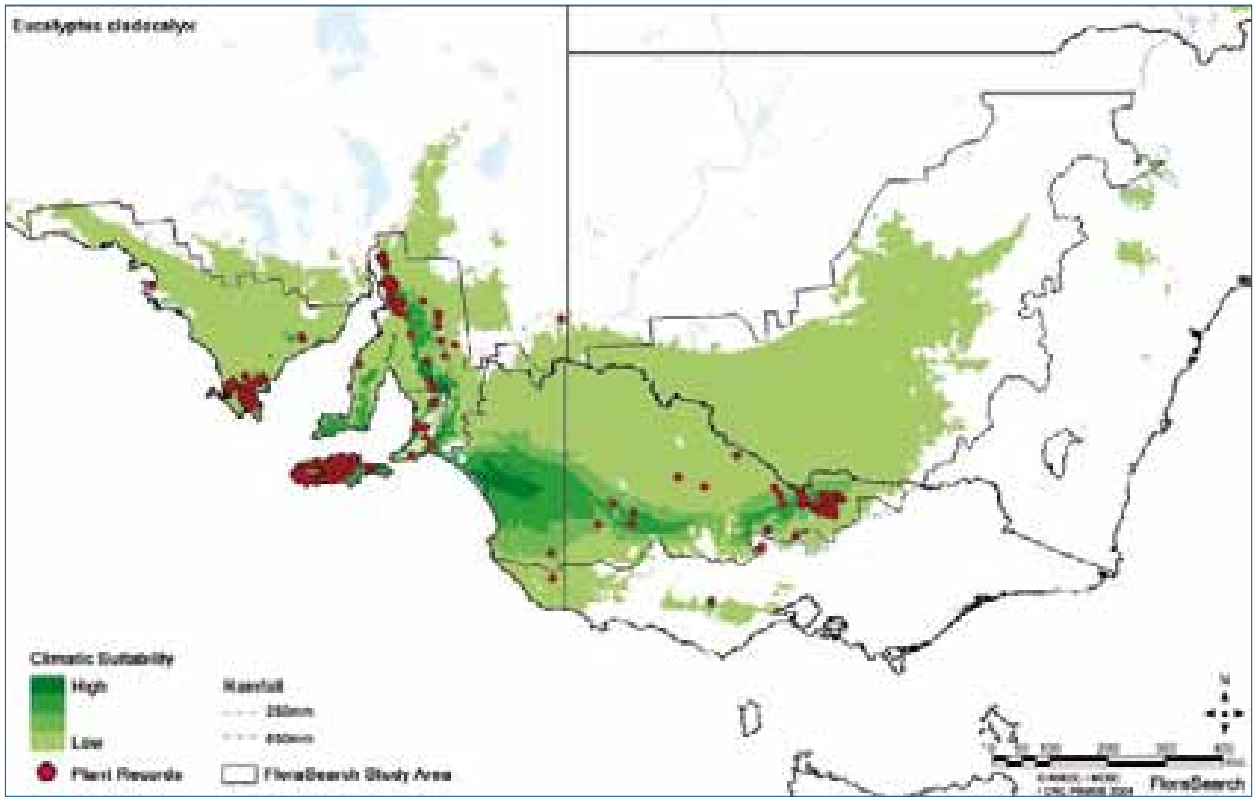




Myrtaceae	*Eucalyptus cladocalyx*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
35	20	1	2	58	138	101	92	181	95	49	62	5

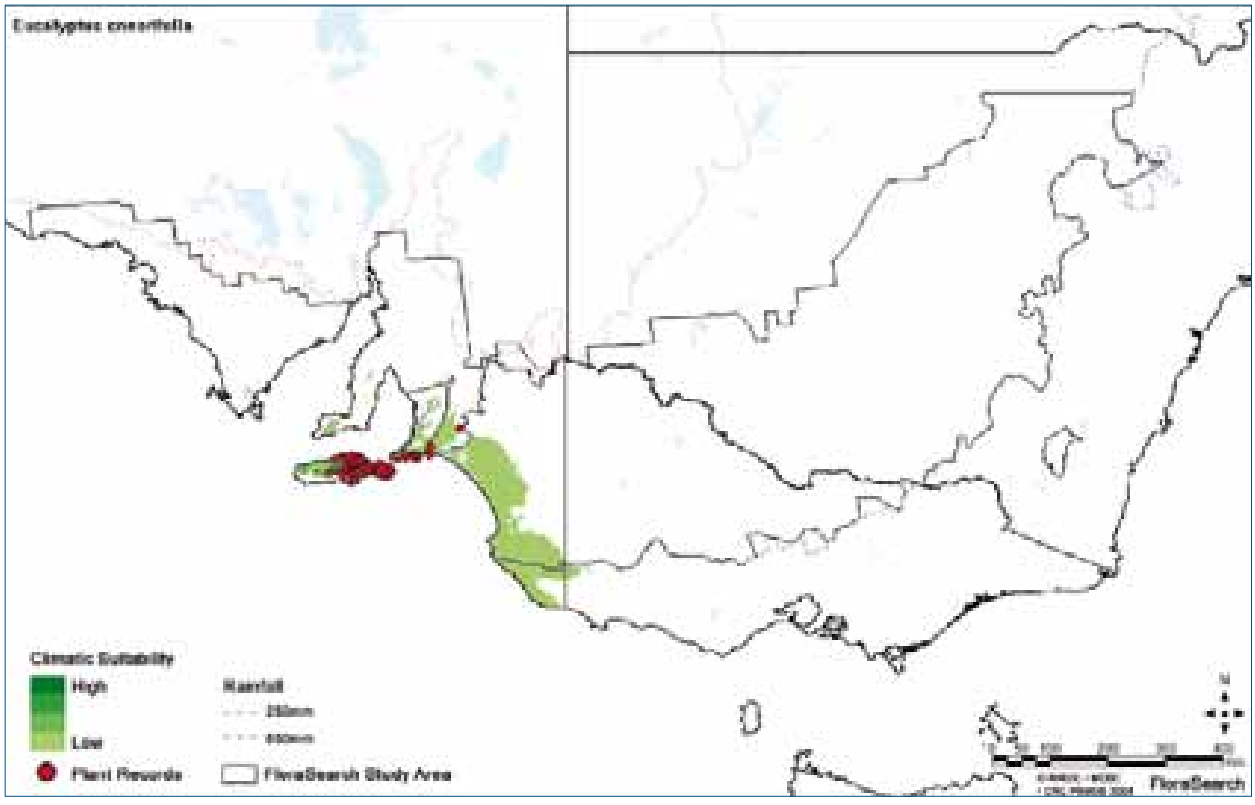
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
22.05 n	753	12.11	49.6	8.4	4.3	0.05				



Myrtaceae	*Eucalyptus cneorifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	15			36	115	40	36	95	100	13	18	1

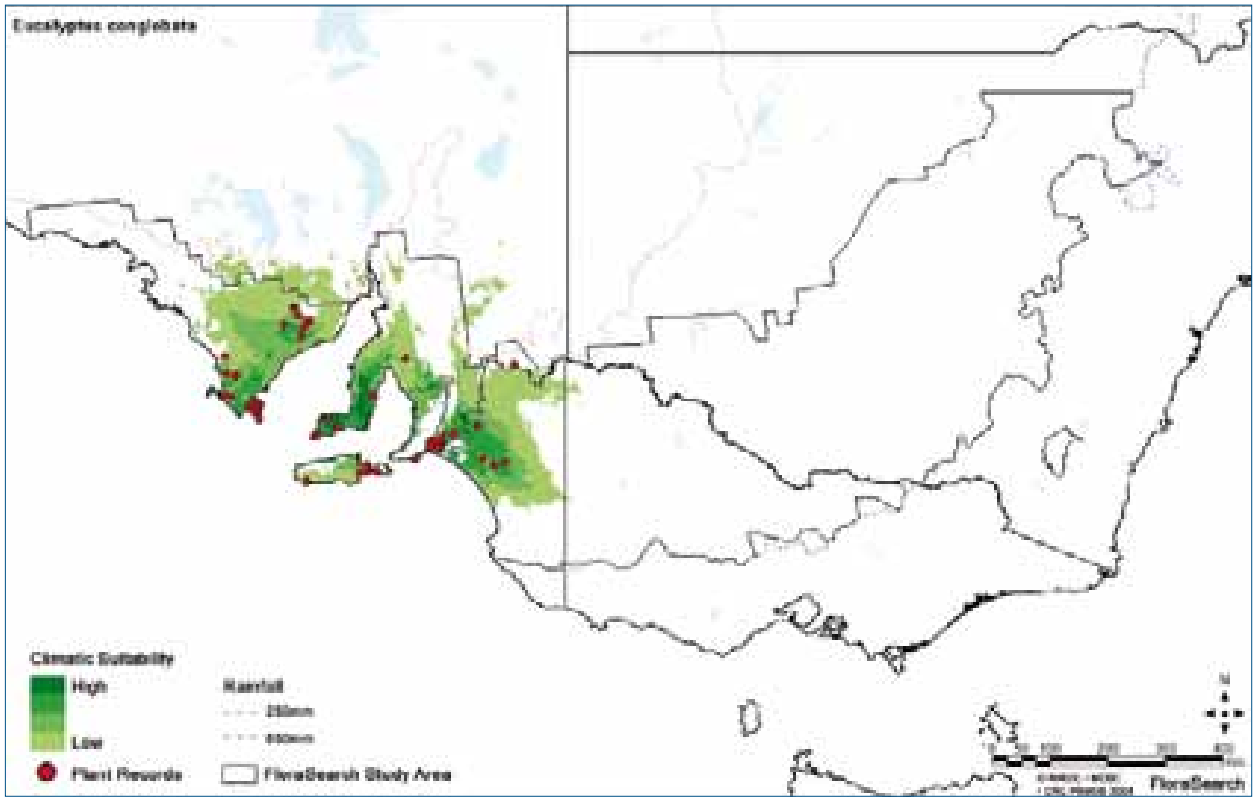
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.9	854	6.53		8.5	4.5	1.45				



Myrtaceae	*Eucalyptus conglobata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	8		9	28	22	6	2	49	17			1

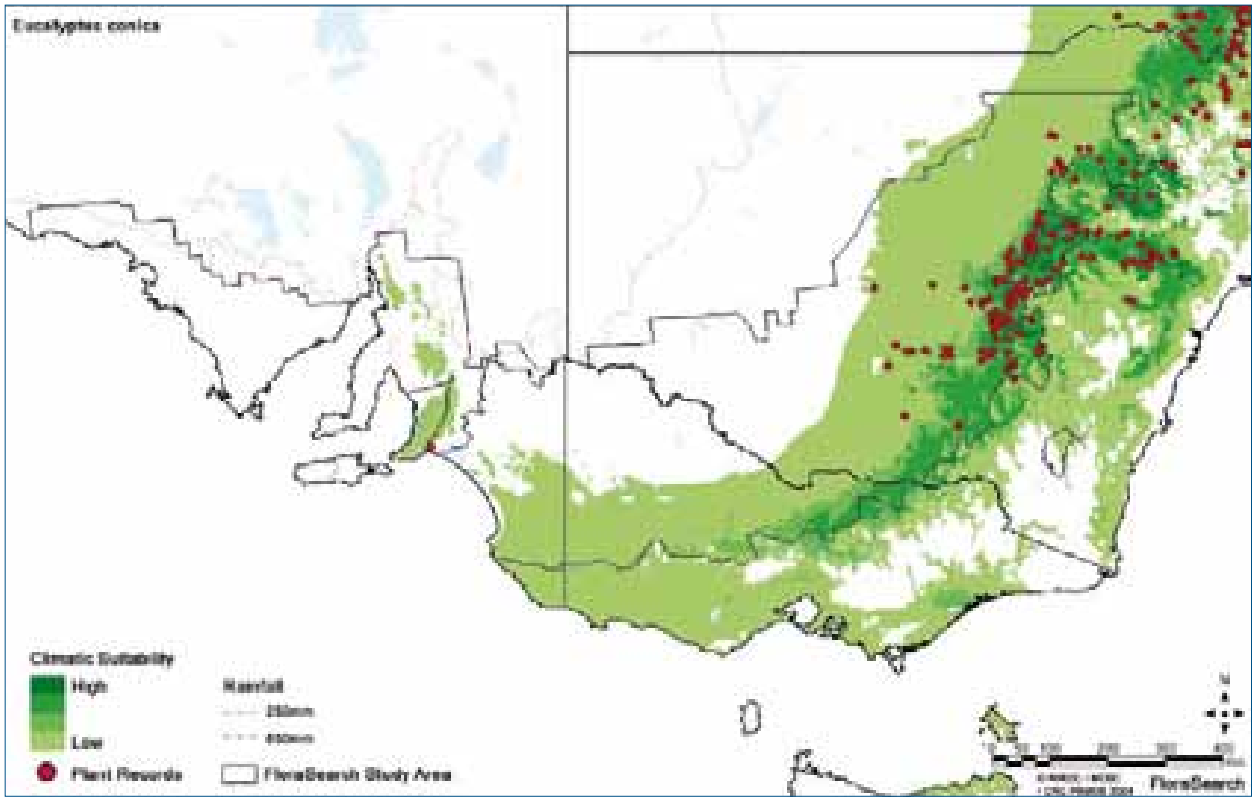
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.79 n						0.1				



Myrtaceae	*Eucalyptus conica*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	12			5	58	209	174	38	52	93	228	35

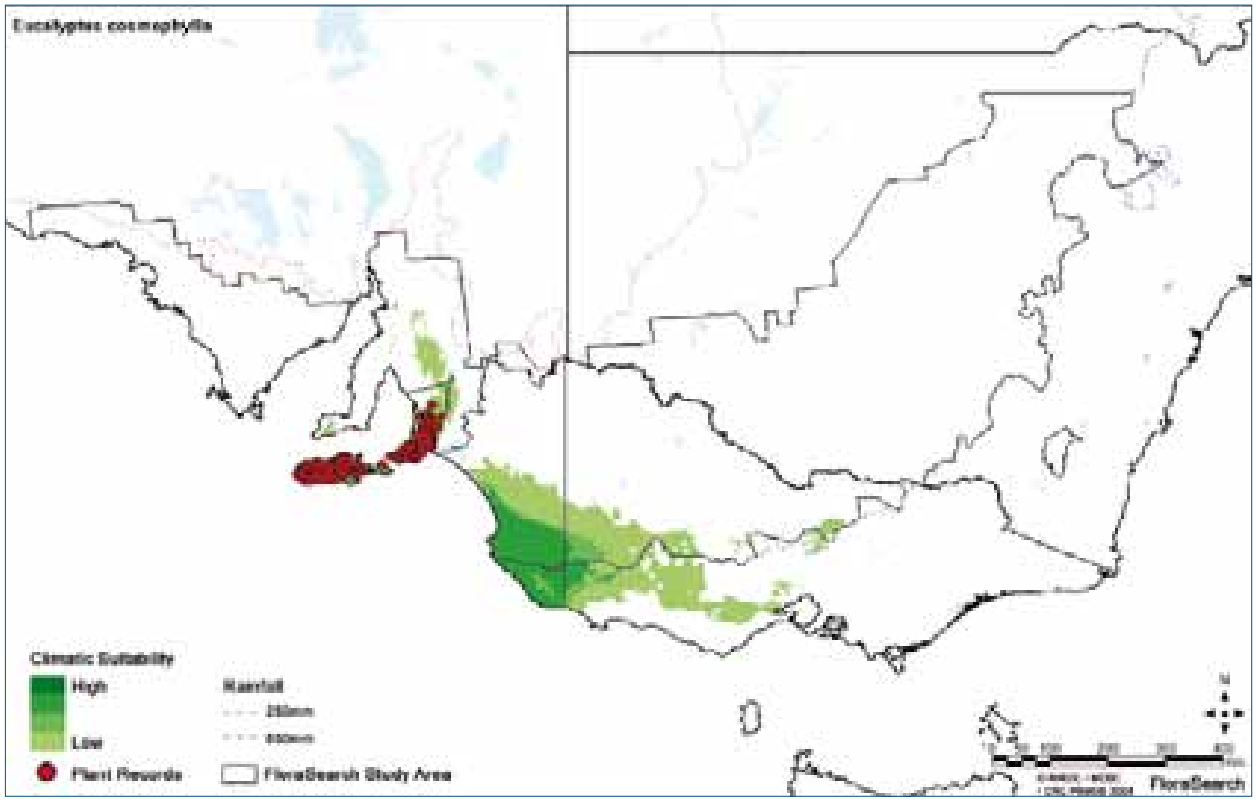
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.82 n	679	4.67	44.5	8.5	4.3	0.75				



Myrtaceae	*Eucalyptus cosmophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	10			18	52	138	617	178	383	235	29	

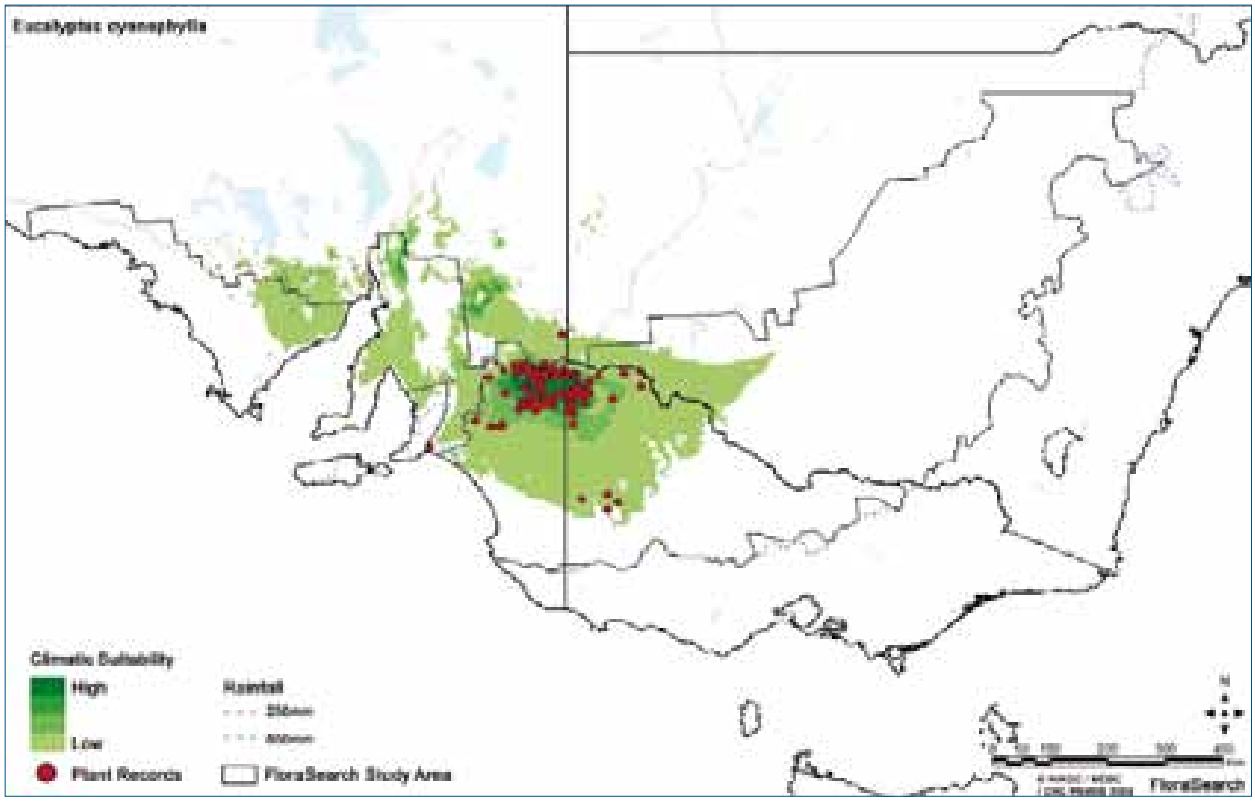
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.37 n	549	3.97	42.9	10.9	4.6	0.4				



Myrtaceae	*Eucalyptus cyanophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	8	83	229	8				188	23	93	5	11

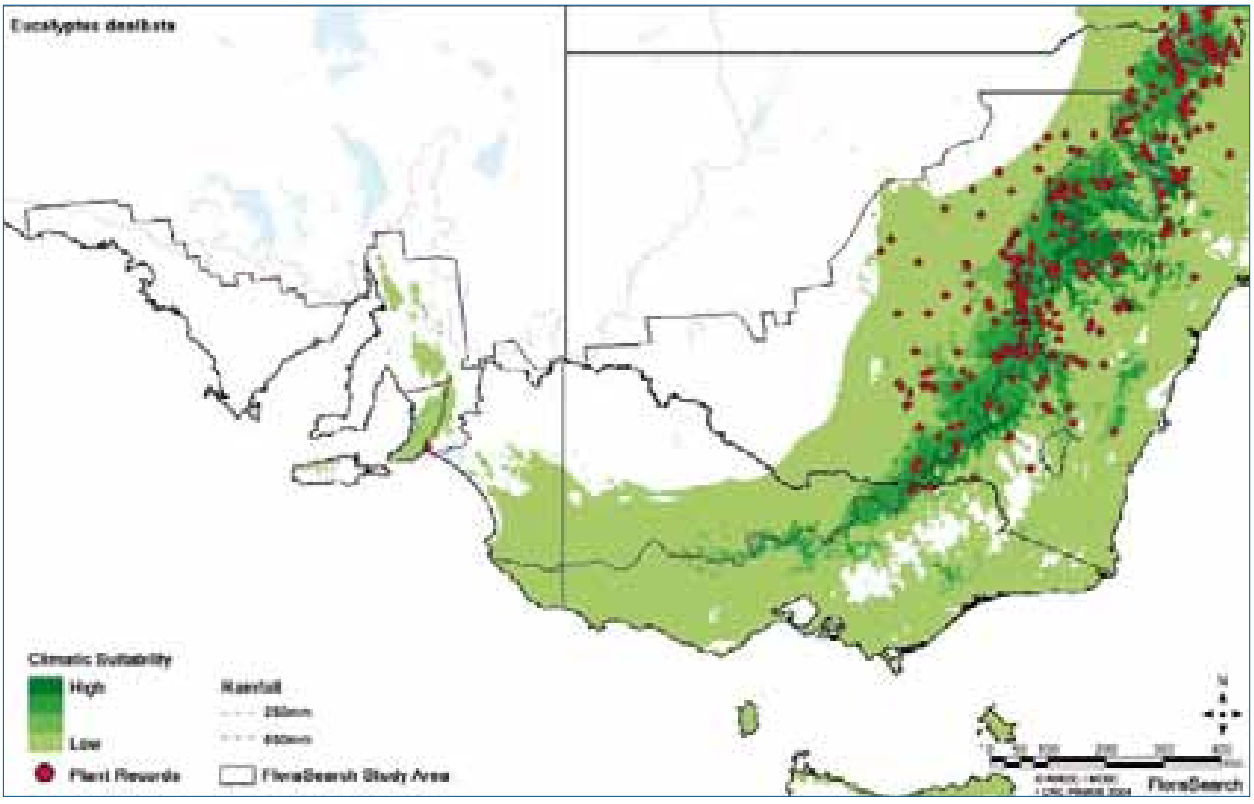
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.05 n						2.1				



Myrtaceae	*Eucalyptus dealbata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	12		3	6	54	179	346	71	62	220	187	48

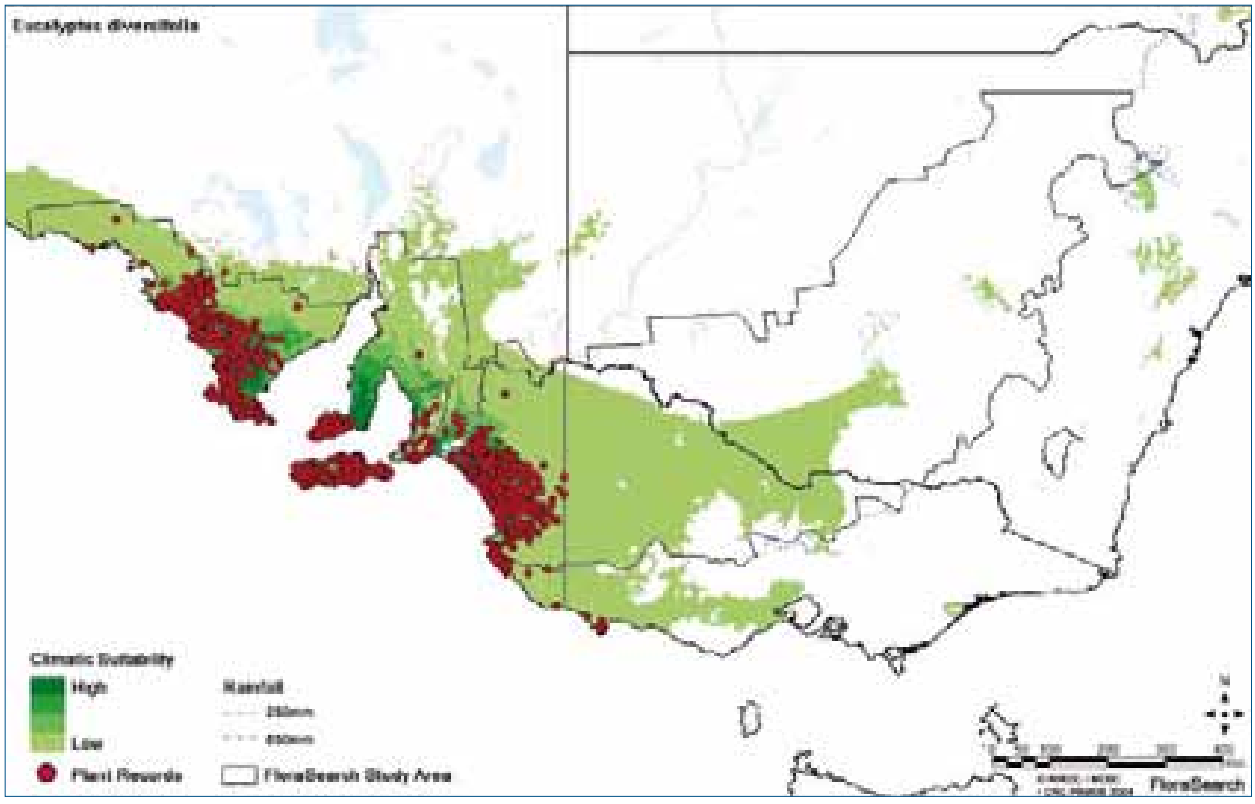
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.98 n	772 i	7.82				1.3				



Myrtaceae	*Eucalyptus diversifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	10	2	175	607	760	246	200	1479	415	51	29	16

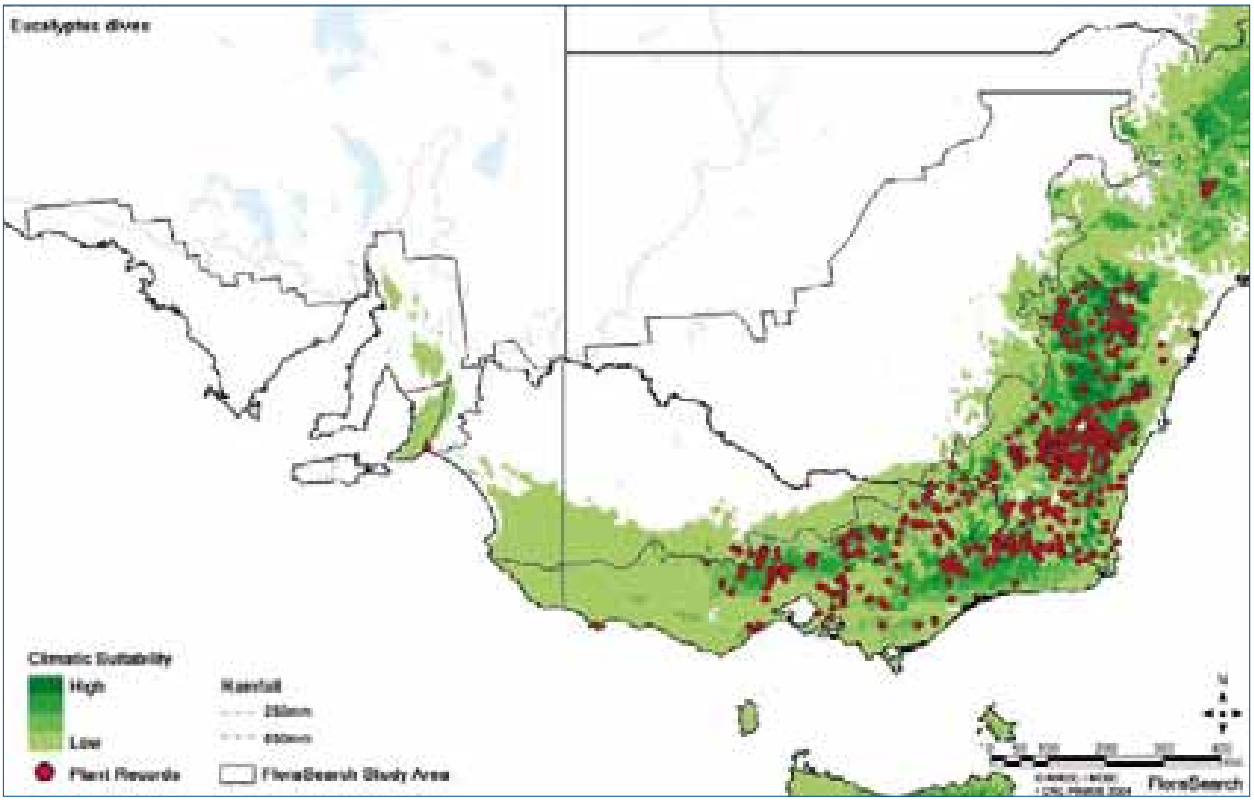
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.83 n	674 e	3.59				0.5				



Myrtaceae	*Eucalyptus dives*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	15				31	70	841	78	157	513	194	

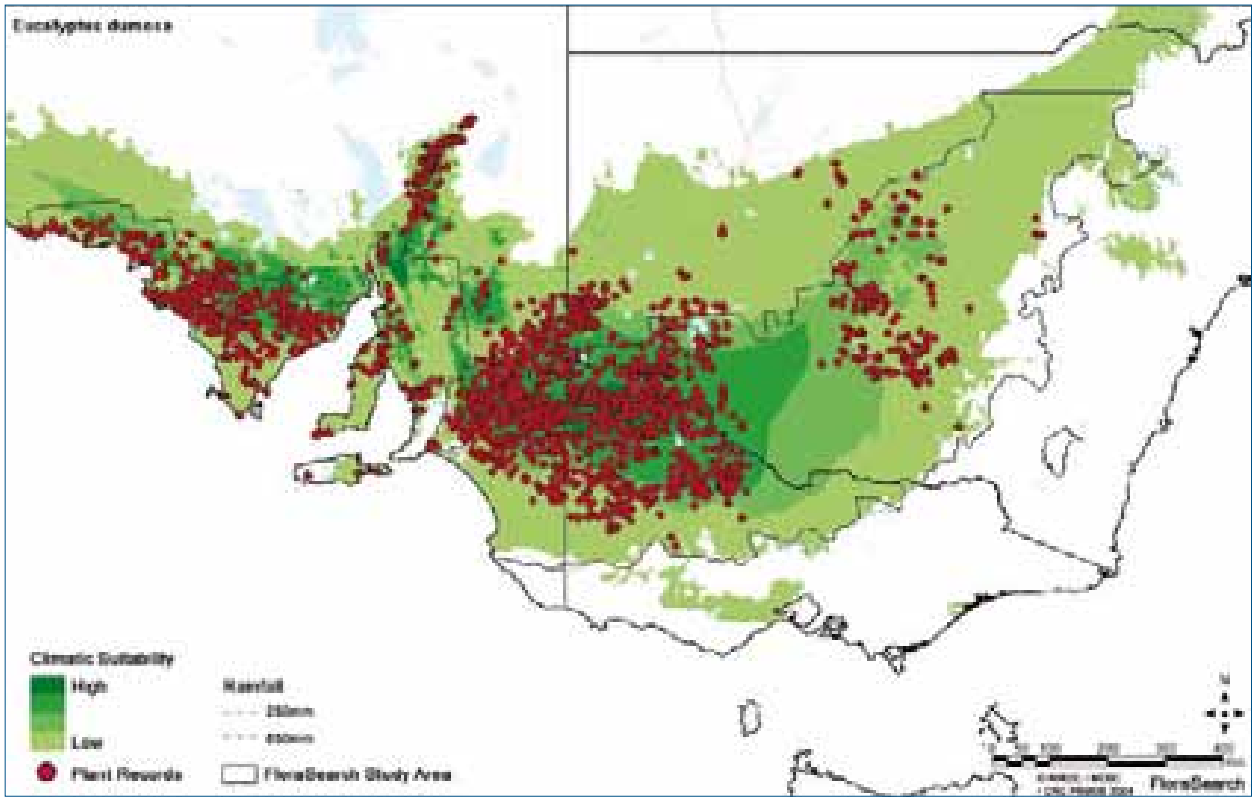
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.42 n	603 i	3.49				3.81				



Myrtaceae	*Eucalyptus dumosa*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	10	238	2143	846	167	7	2	2103	214	471	437	178

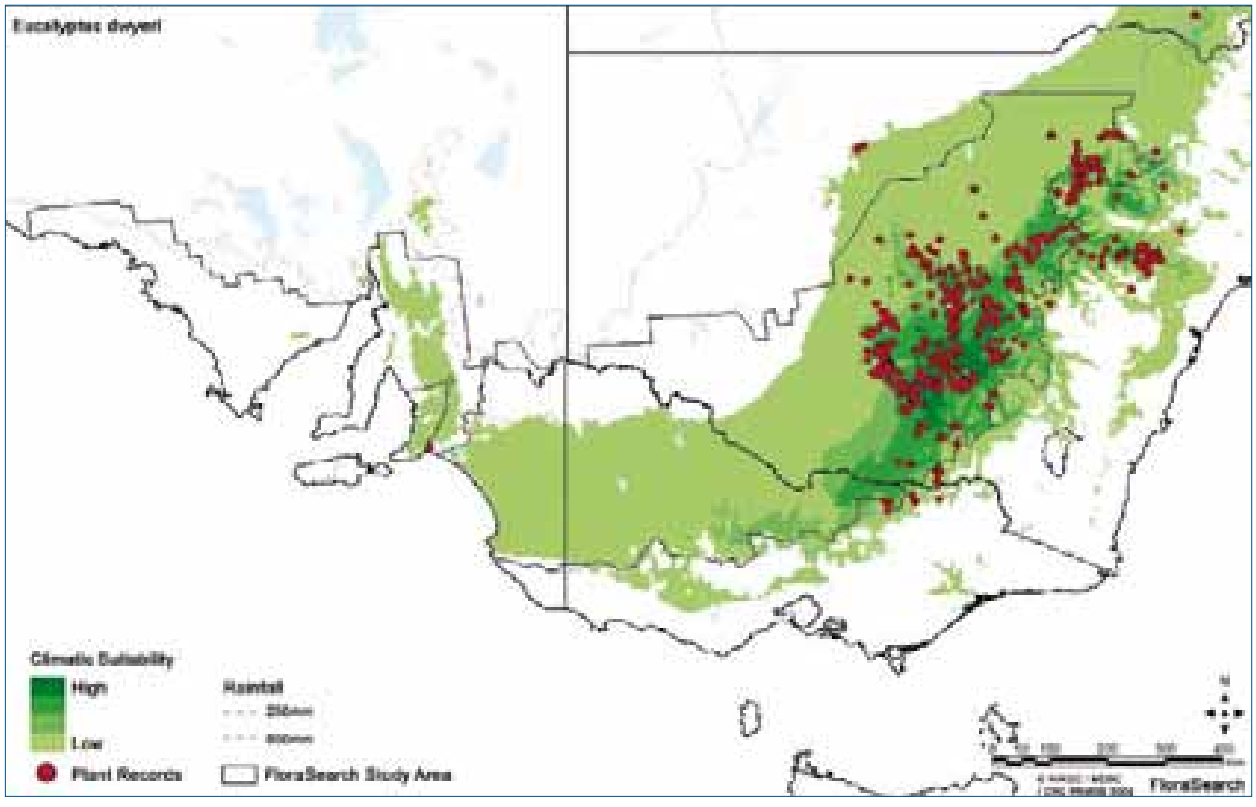
Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
4.37 n	815 e	2.78				1.25				



Myrtaceae	*Eucalyptus dwyeri*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8			186	450	240	112	113	162	552	128	33

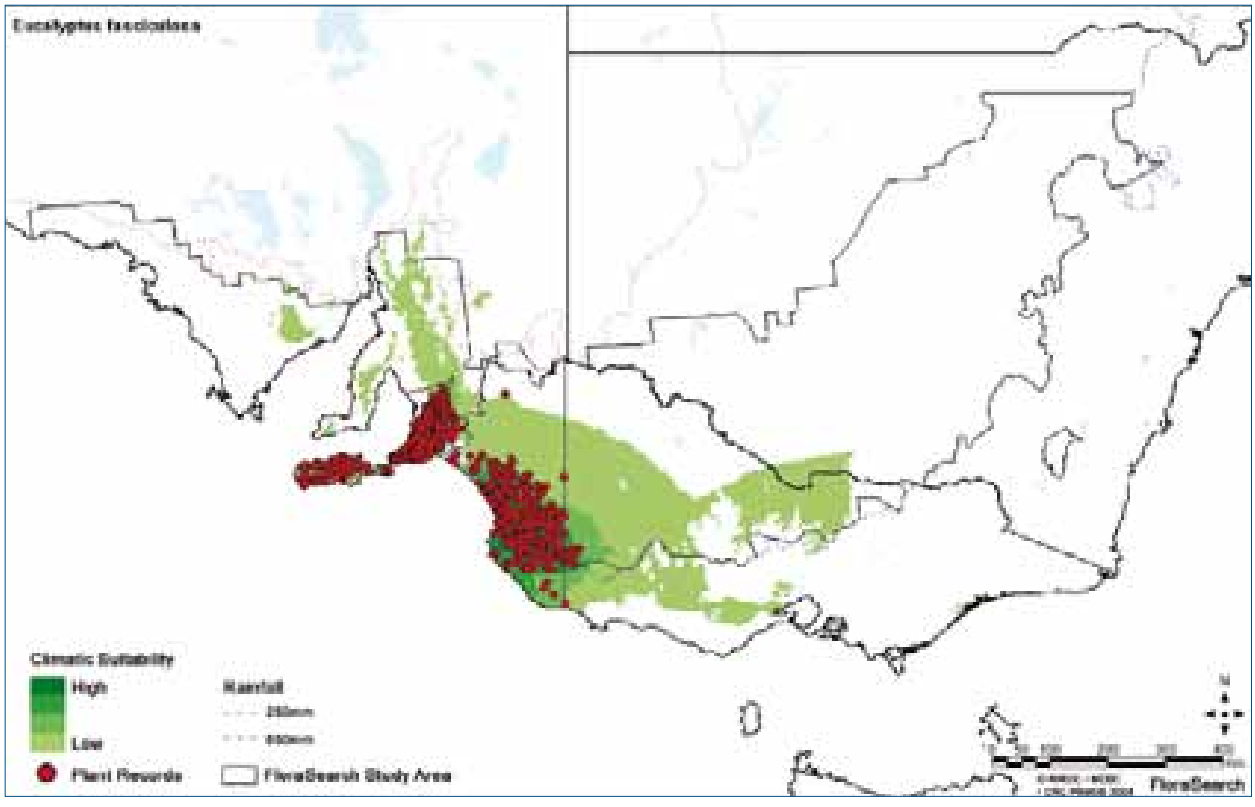
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.19 n	621 e	4.45				2.05				



Myrtaceae	*Eucalyptus fasciculosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	15		4	128	502	689	968	845	1037	314	84	11

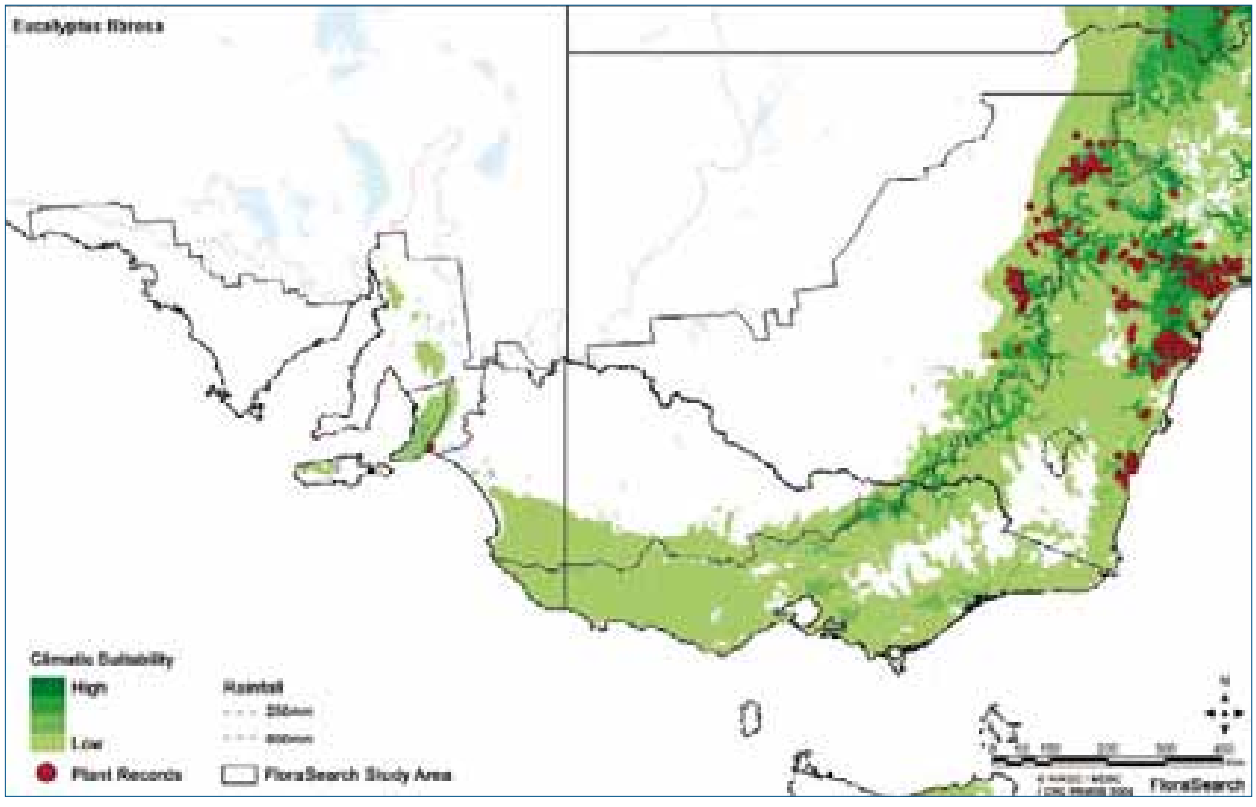
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.75	704	3.8	43.7	10.2	4.8	0.16				



Myrtaceae	*Eucalyptus fibrosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20				2	205	544	78	132	308	209	24

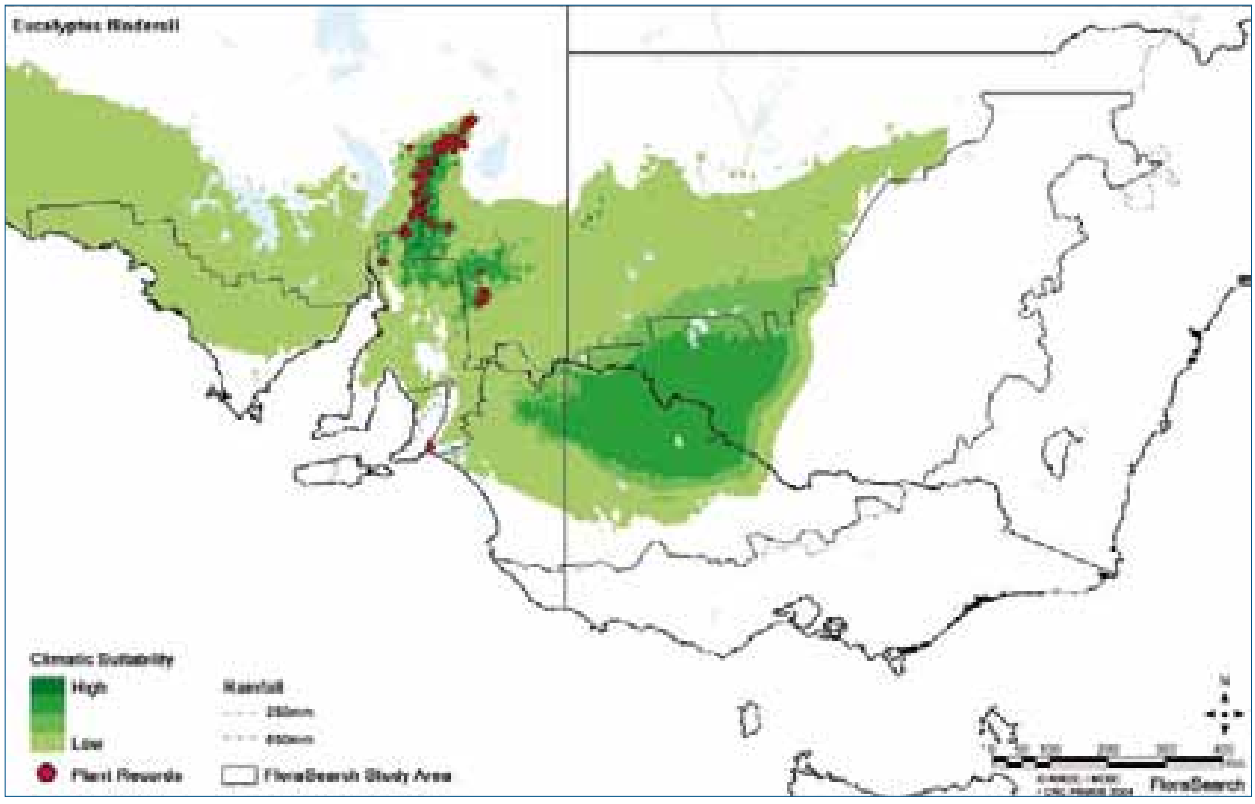
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
11.58 n	801	7.23		12.8	3.2	0.4				



Myrtaceae	*Eucalyptus flindersii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	8	62	24	1			46	10	32	7	

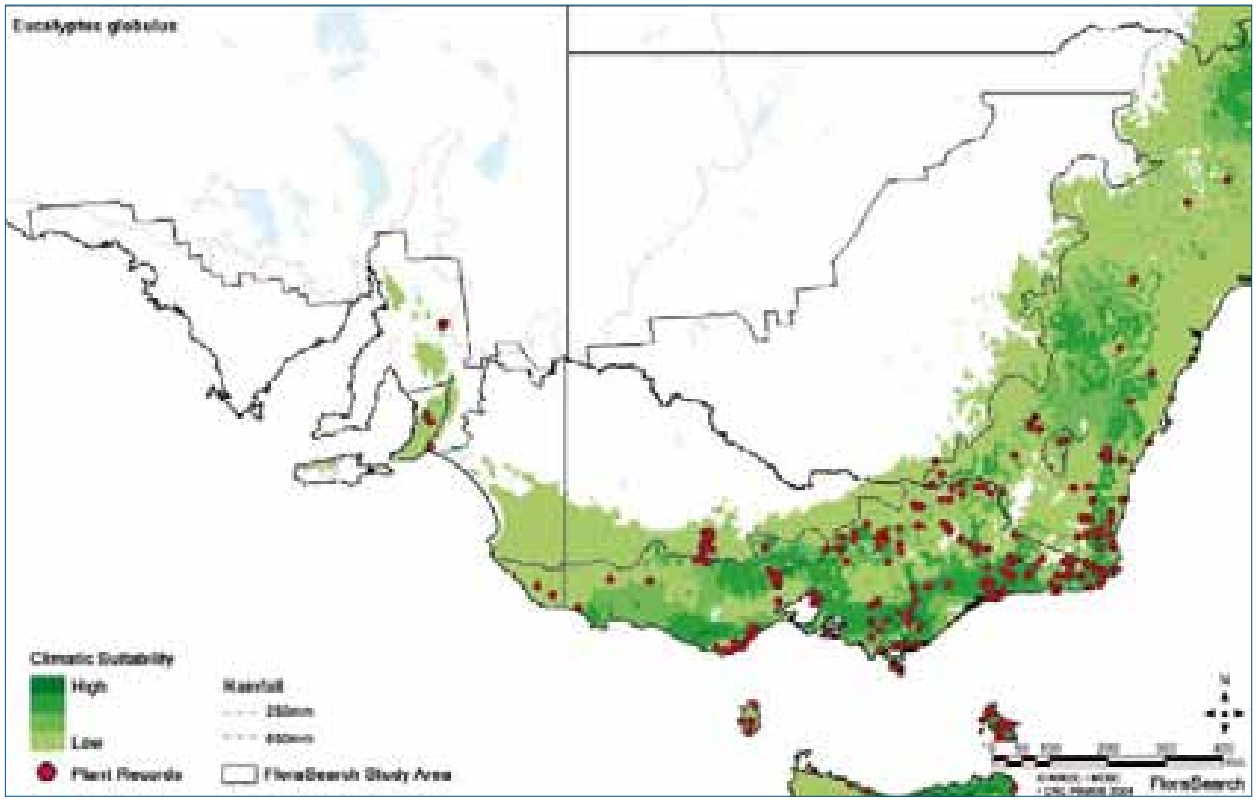
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.91 n	781 e	4.21				0.8				



Myrtaceae	*Eucalyptus globulus*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
70	25				44	65	589	104	162	205	227	

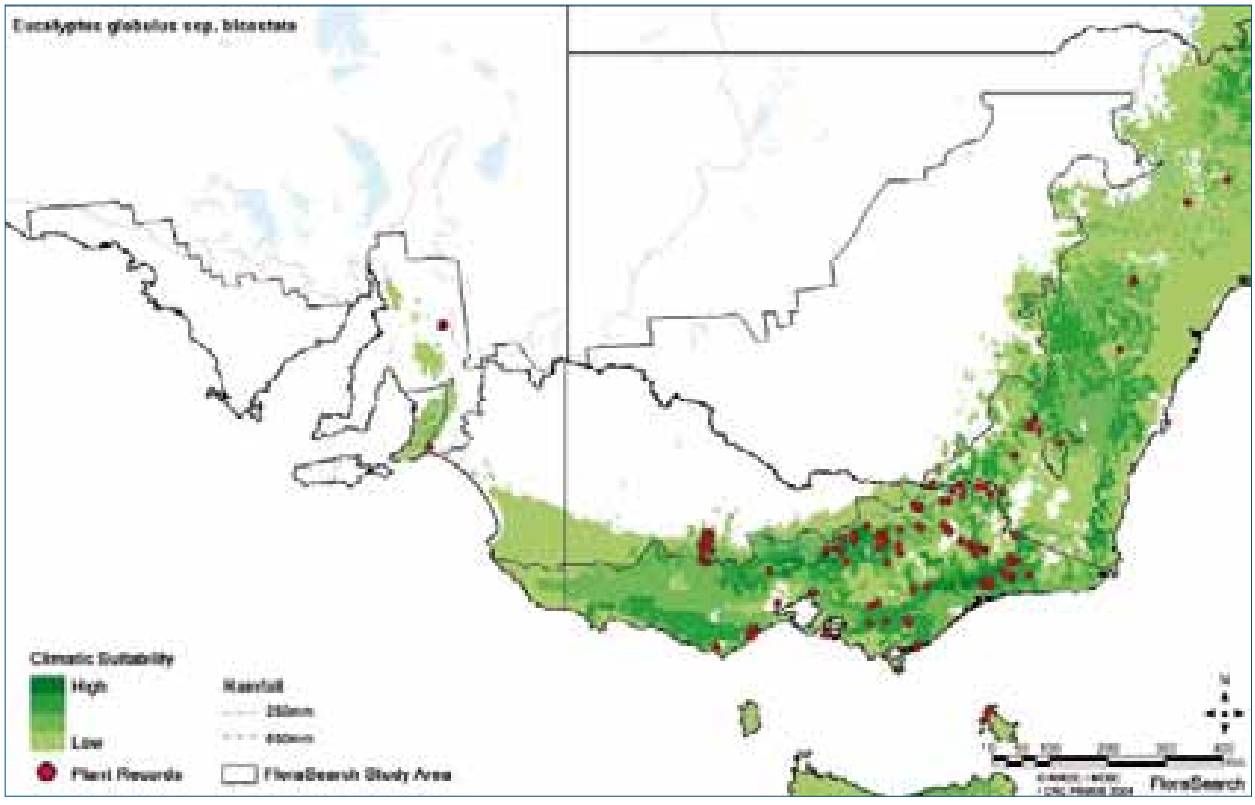
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
22.43 n	656	9.61	49.4 c	8	4.6	3.2				



Myrtaceae	*Eucalyptus globulus* ssp. *bicostata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
45	15				44	65	589	104	162	205	227	

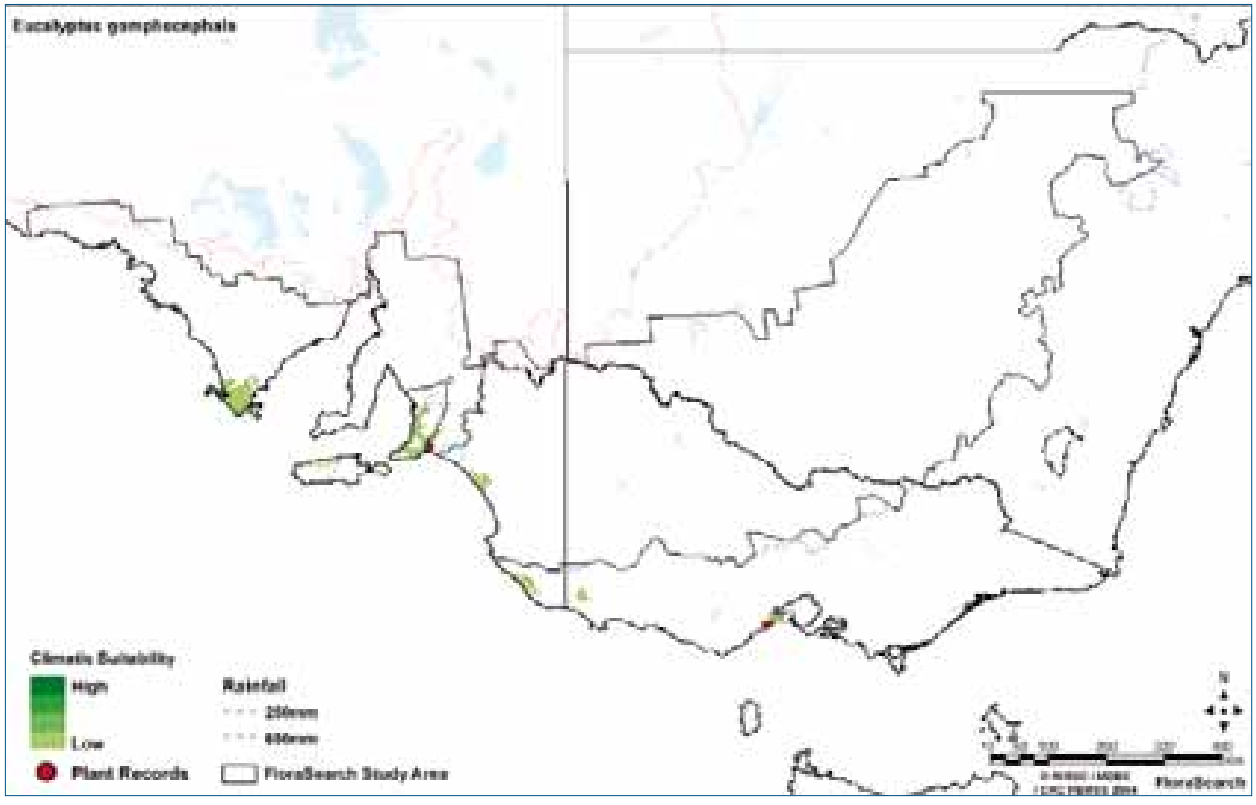
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
22.43 n	656	9.61	46.7	8	4.6	1.15				



Myrtaceae (WA species) | *Eucalyptus gomphocephala*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
35	15					18	91	76	5	2		

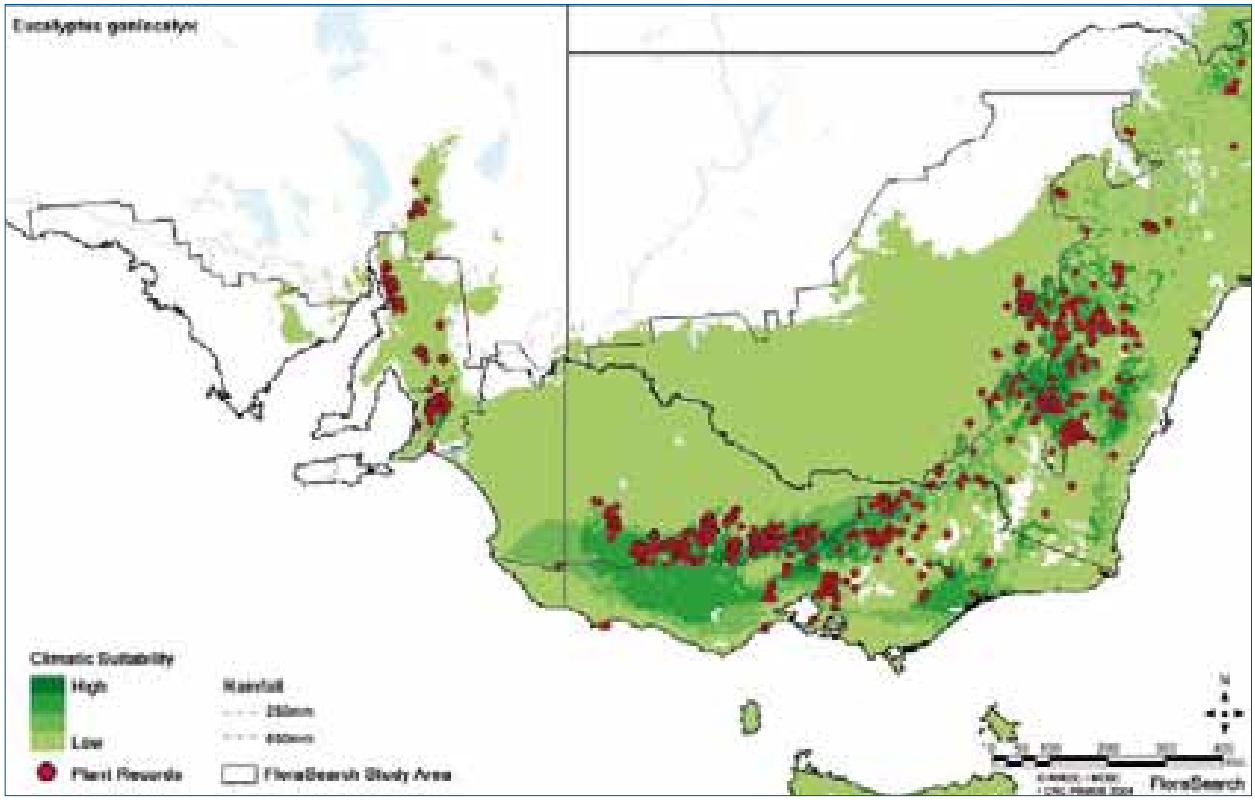
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
35.09 n	842 i	23.05								



Myrtaceae	*Eucalyptus goniocalyx*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	10		7	73	250	551	869	252	771	583	128	16

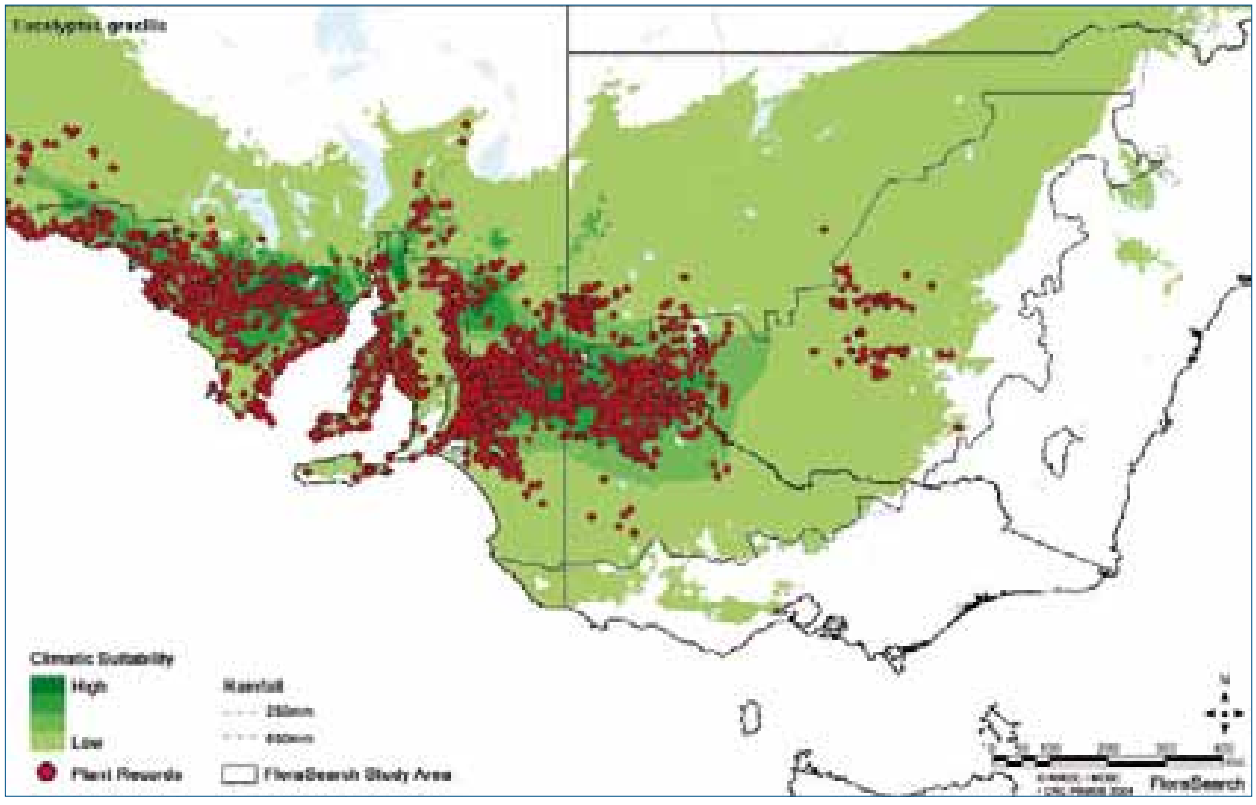
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.56 n	660	4.92	46.4	9	3.8	1.2				



Myrtaceae	*Eucalyptus gracilis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	10	311	2112	517	97	9	2	2127	222	426	157	116

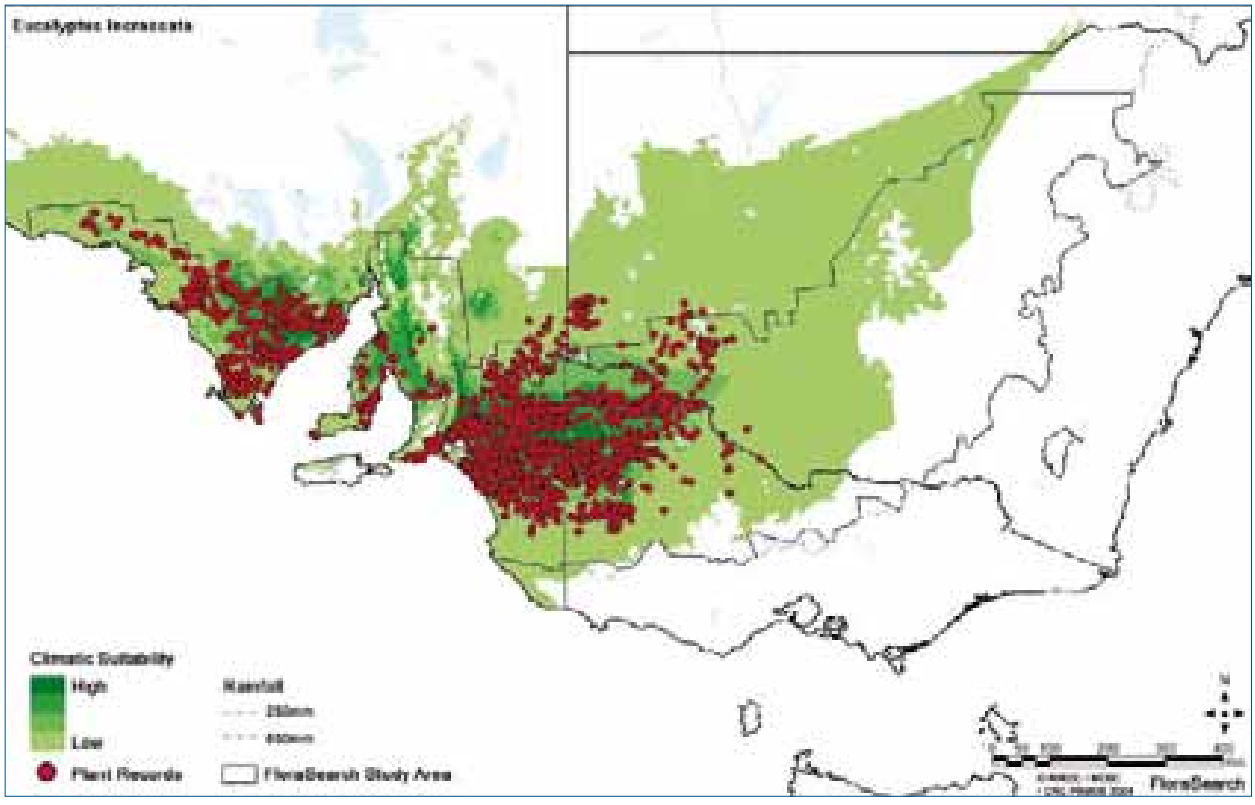
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
4.42	849	3.17				0.75				



Myrtaceae	*Eucalyptus incrassata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	7	67	1728	1013	355	31	13	2720	237	109	39	102

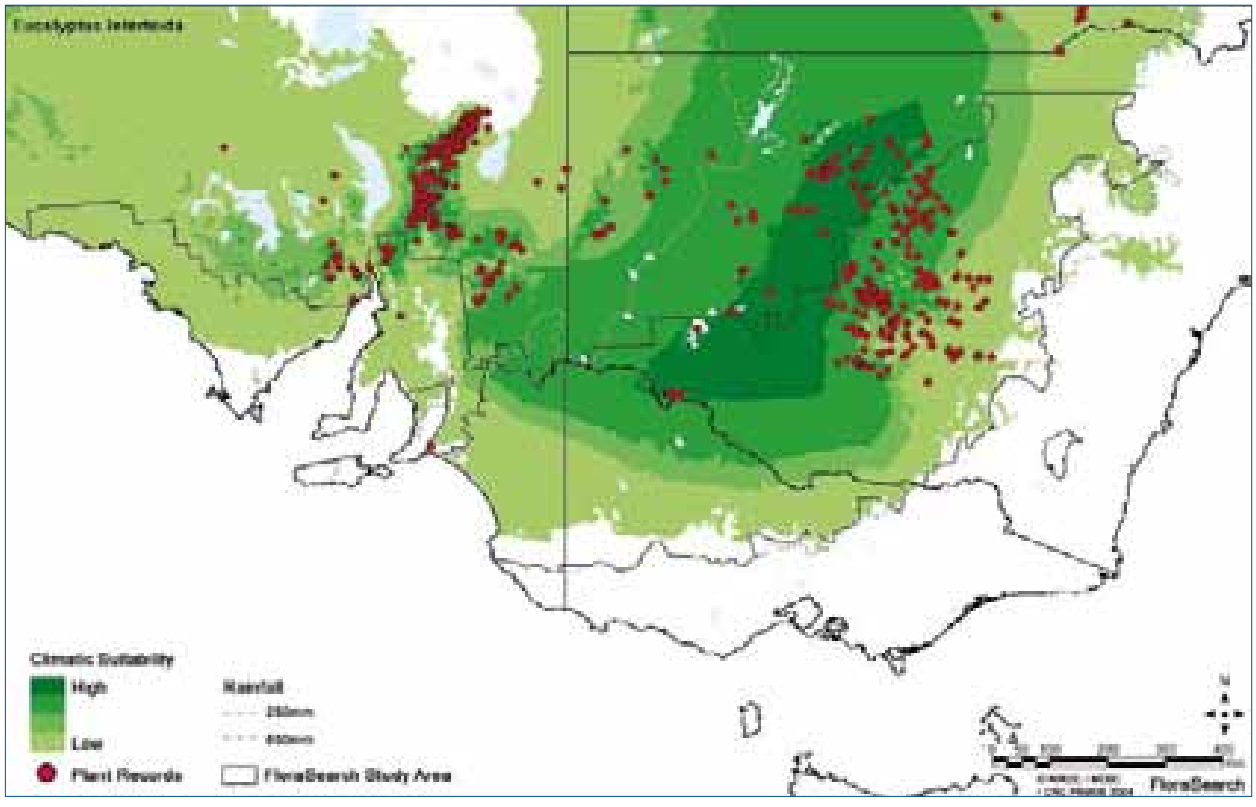
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
5.04 n	768	3.14	48.6	4.6	5.9	2.8				



Myrtaceae	*Eucalyptus intertexta*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15	44	150	262	95	13		80	42	161	239	42

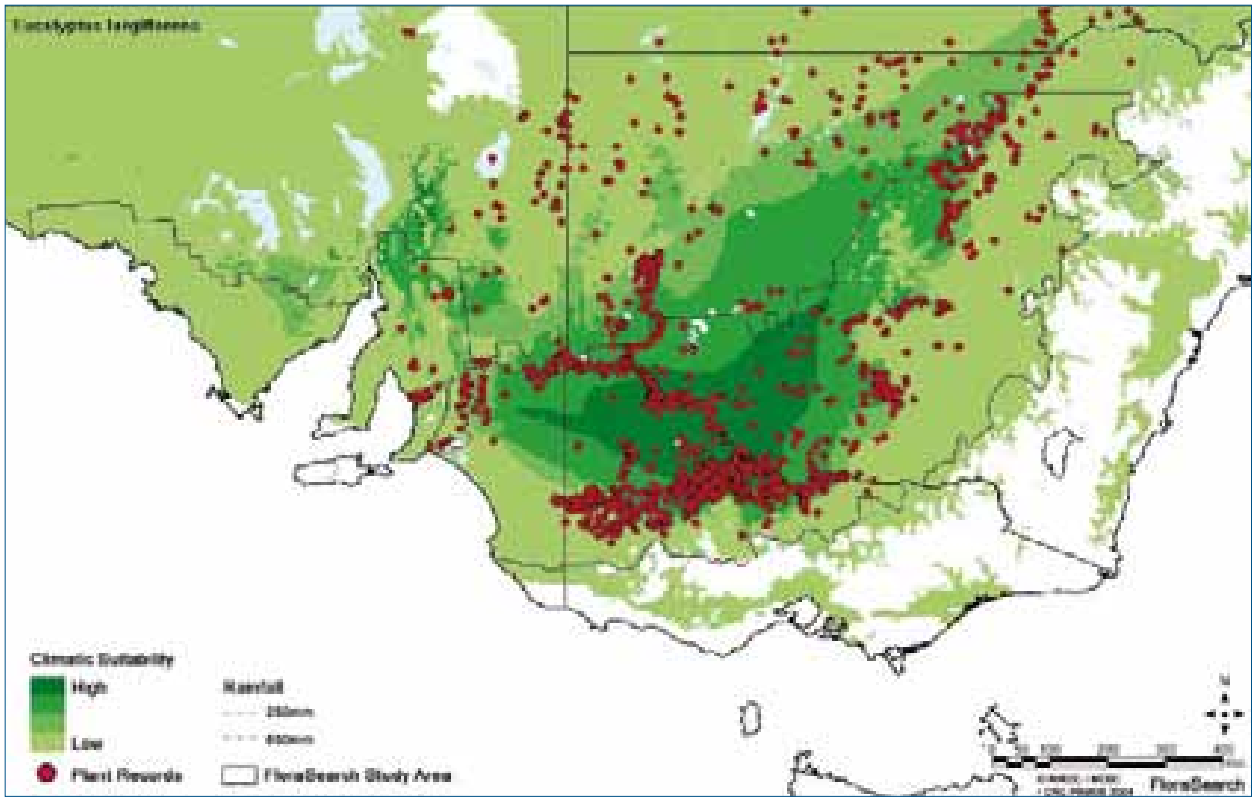
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.13 n	900 i	0.79				0.77				



Myrtaceae	*Eucalyptus largiflorens*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	8	124	1000	1026	224	39	7	206	135	123	611	1345

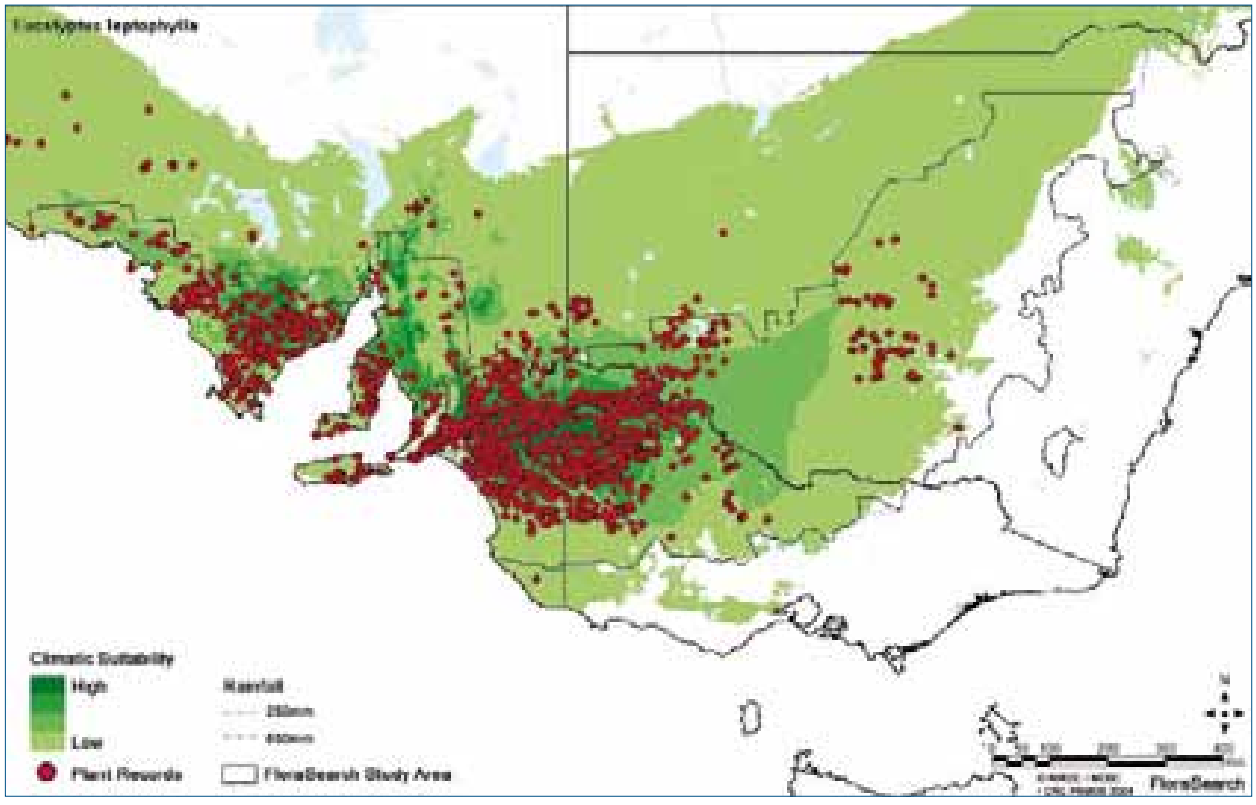
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.41 n	883 i	6.33		11.1	5	0.9				



Myrtaceae	*Eucalyptus leptophylla*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	8	87	1309	875	331	41	40	2019	296	145	153	70

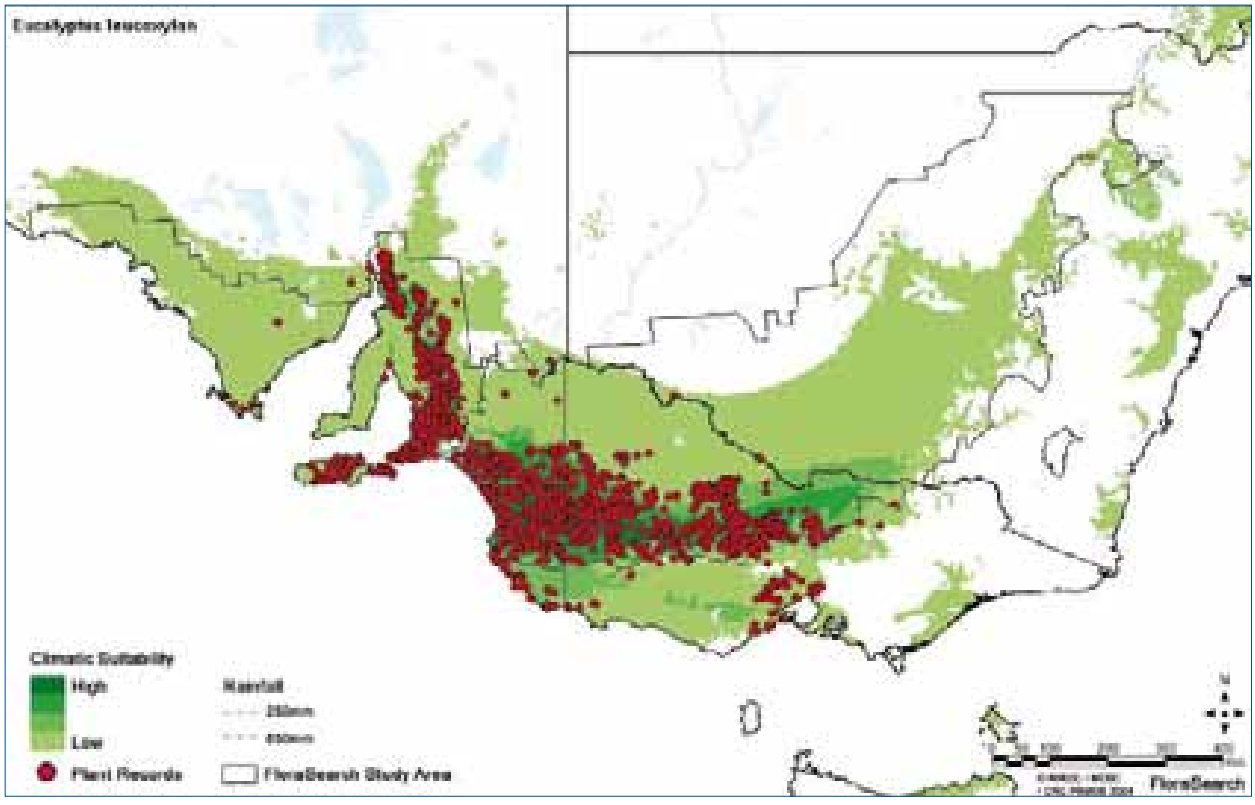
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.91	779	4.9		3.6	5.4	0.8				

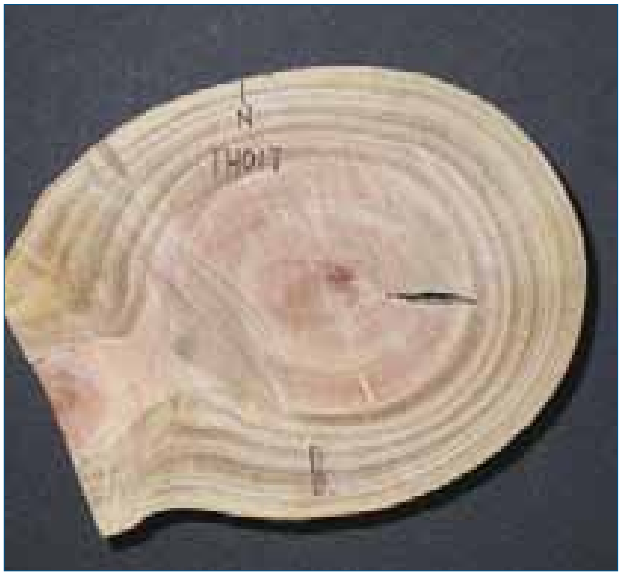


Myrtaceae	*Eucalyptus leucoxylon*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20	3	63	819	1347	874	714	1420	1314	579	303	204

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
19.29 n	773	9.92	43.0	9.5	5.5	1.65				

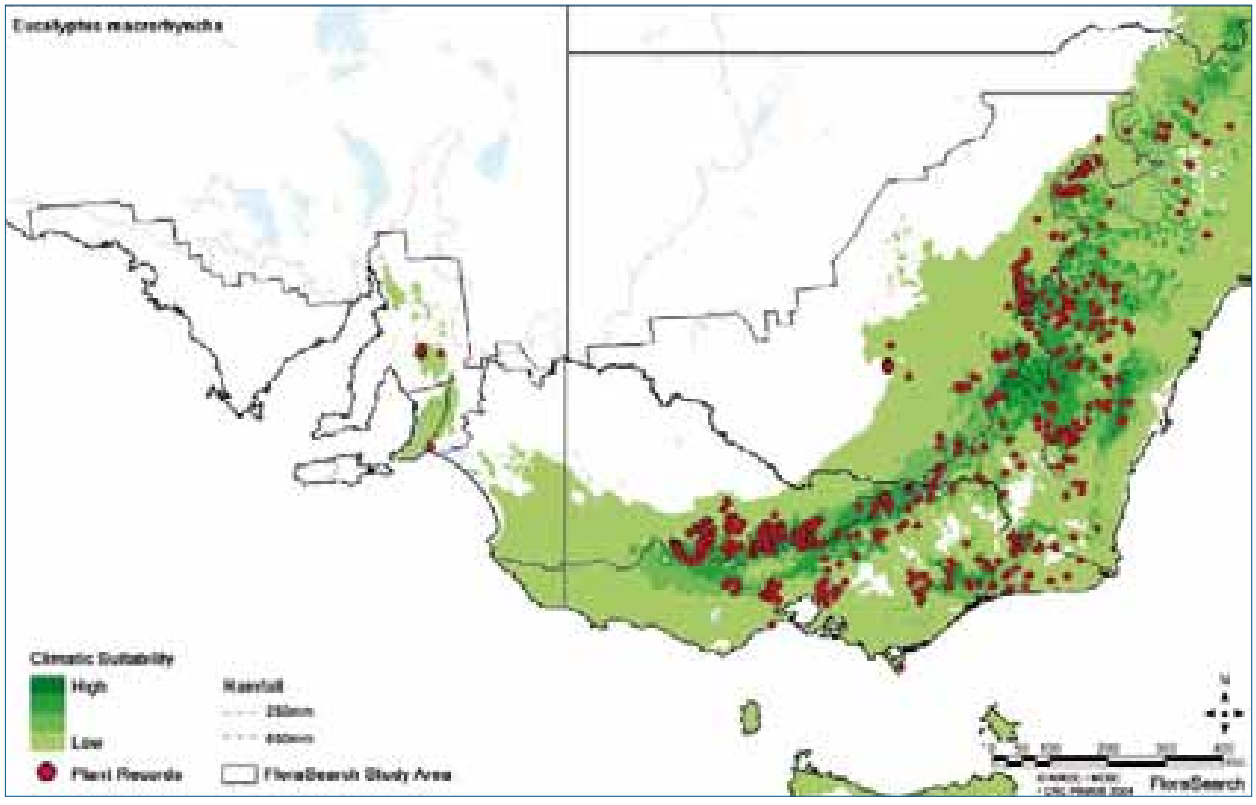




Myrtaceae	*Eucalyptus macrorhyncha*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15			8	175	347	509	106	217	595	119	2

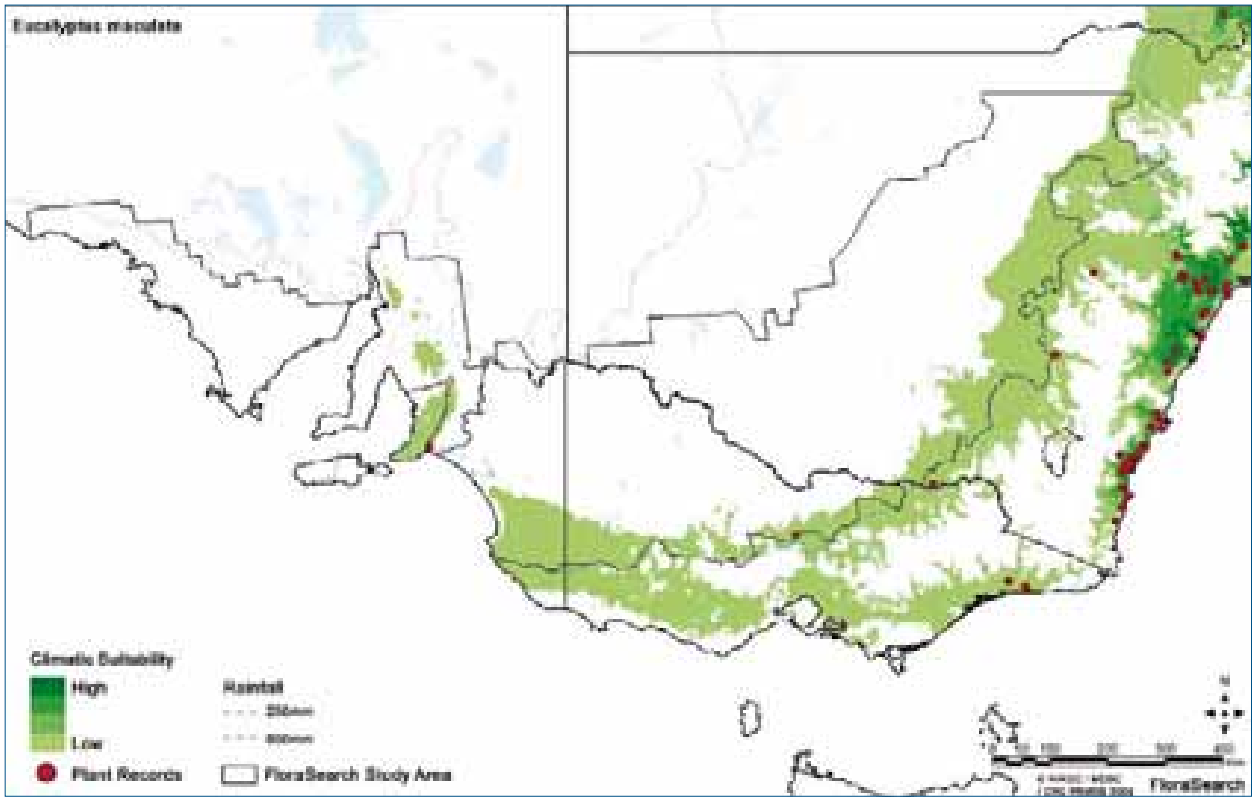
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.68 n	668	4.52	40.4	10.6	3.5	1				



Myrtaceae	*Eucalyptus maculata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
45	20				1	21	233	45	17	85	101	7

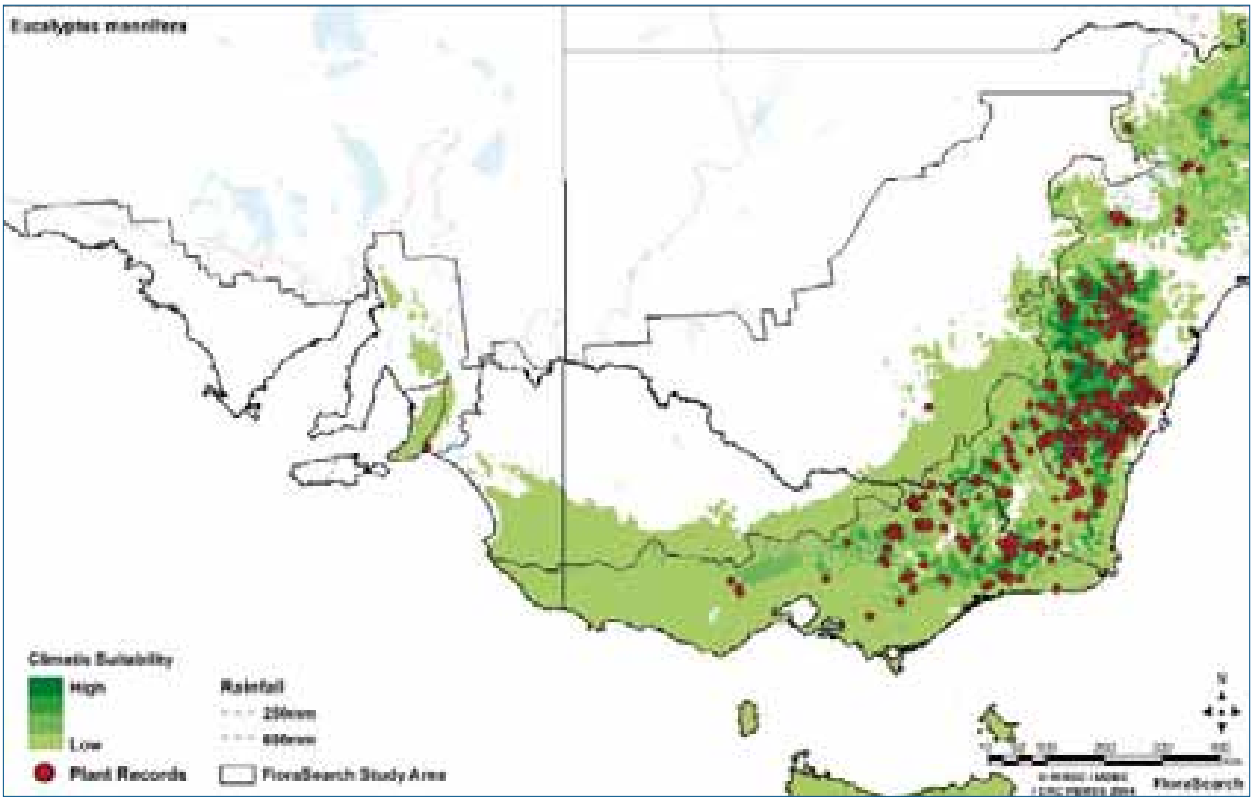
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.3 n	797 i	7.64				0.65				



Myrtaceae	*Eucalyptus mannifera*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	20				8	49	855	124	198	420	170	

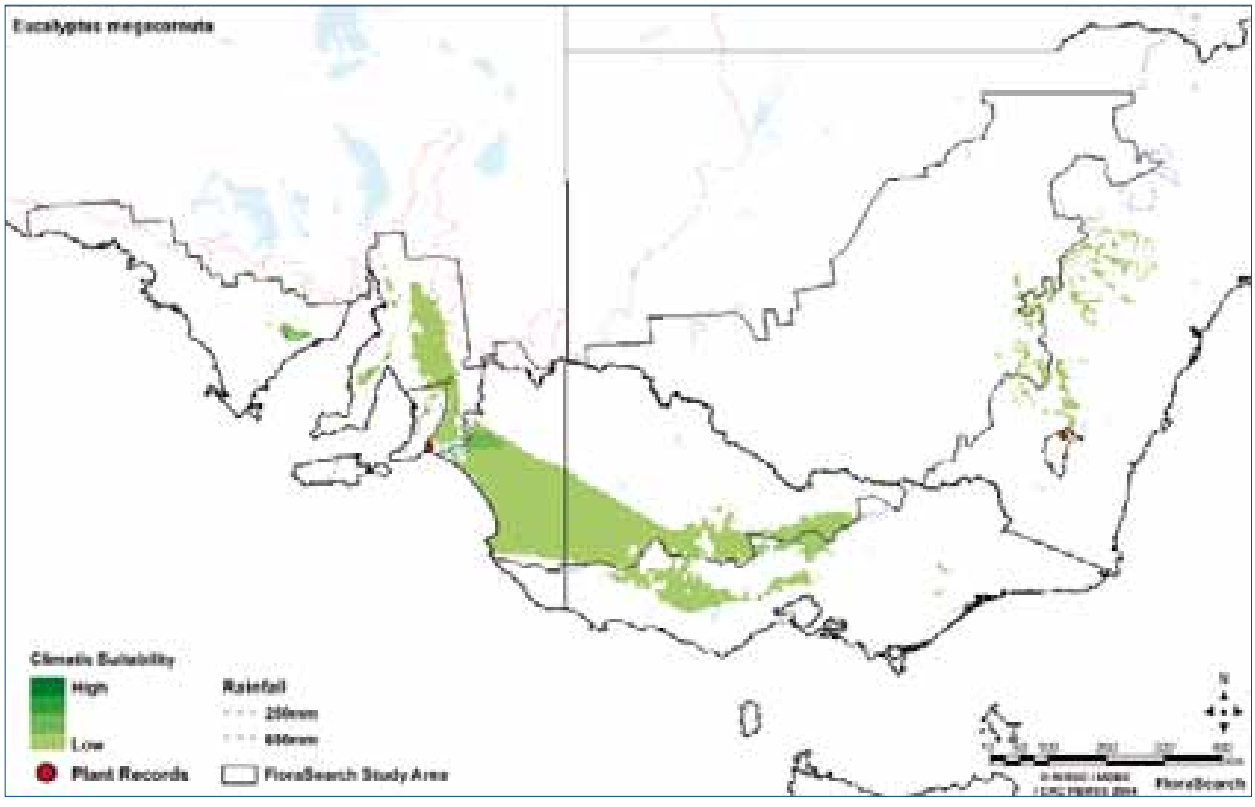
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
19.58 n	615 i	9.39				1.35				



Myrtaceae (WA species) | *Eucalyptus megacornuta*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
12	8		74	4			1	74	2	3		

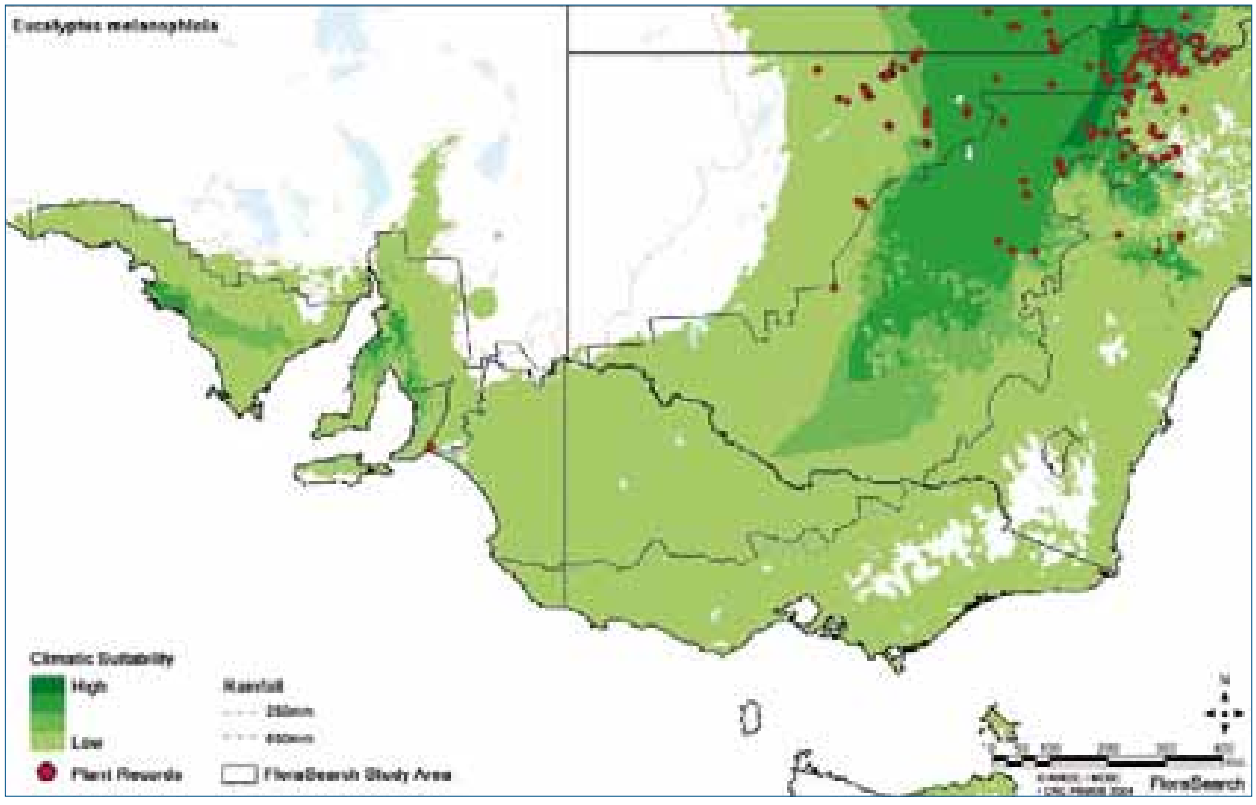
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
15.4 n	660 e	7.93								



Myrtaceae	*Eucalyptus melanophloia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	12		2	72	75	165	214	59	30	26	304	109

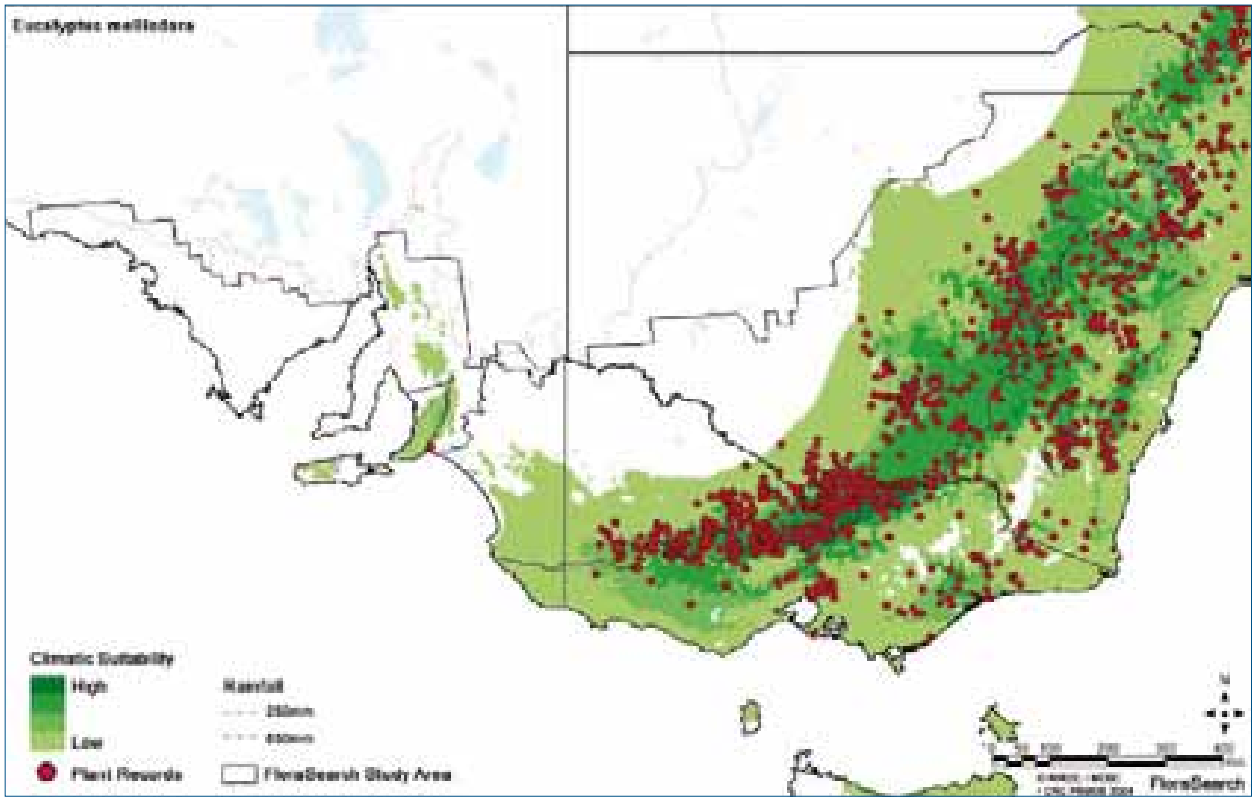
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
5.06 n	844	3.32		11.9	3.6	0.35				



Myrtaceae	*Eucalyptus melliodora*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
40	25			273	444	468	871	191	307	757	678	123

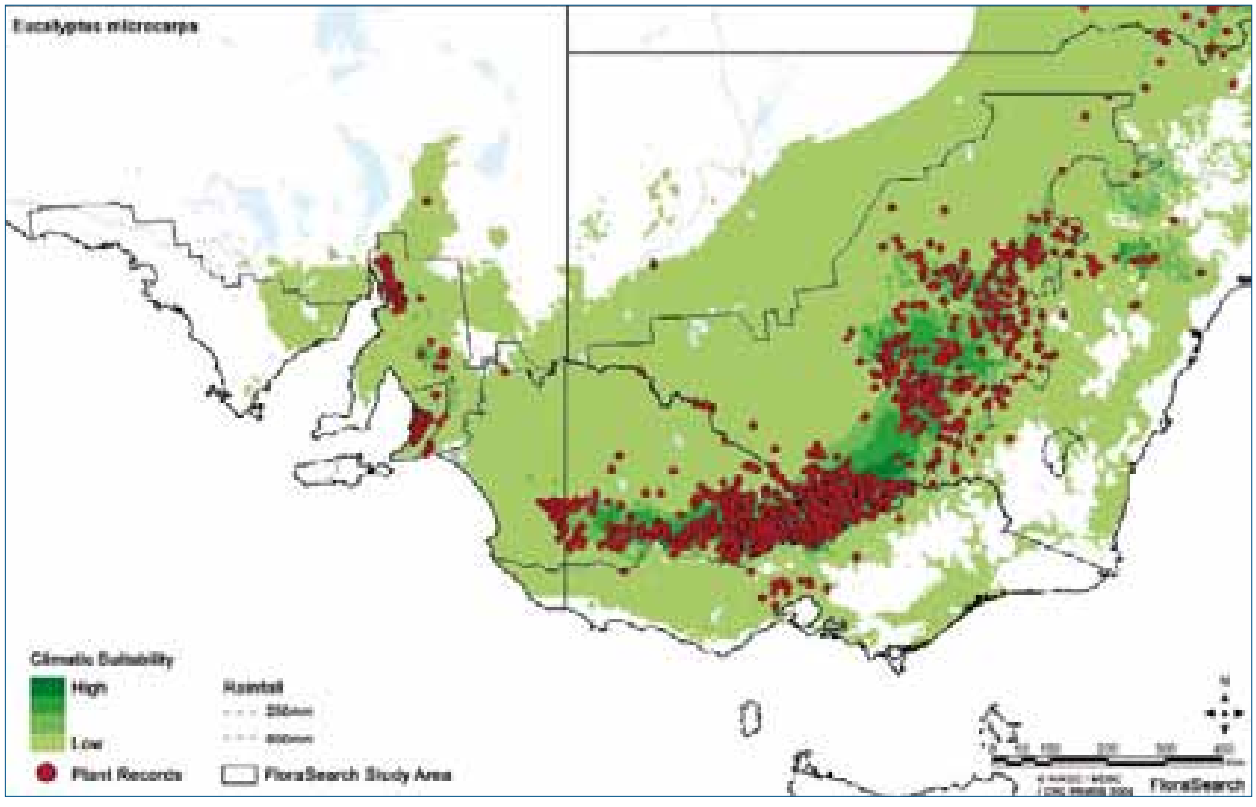
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
10.33 n	719	5.79		9.7	4.9	1.23				



Myrtaceae	*Eucalyptus microcarpa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15		24	630	1483	623	241	311	598	964	840	288

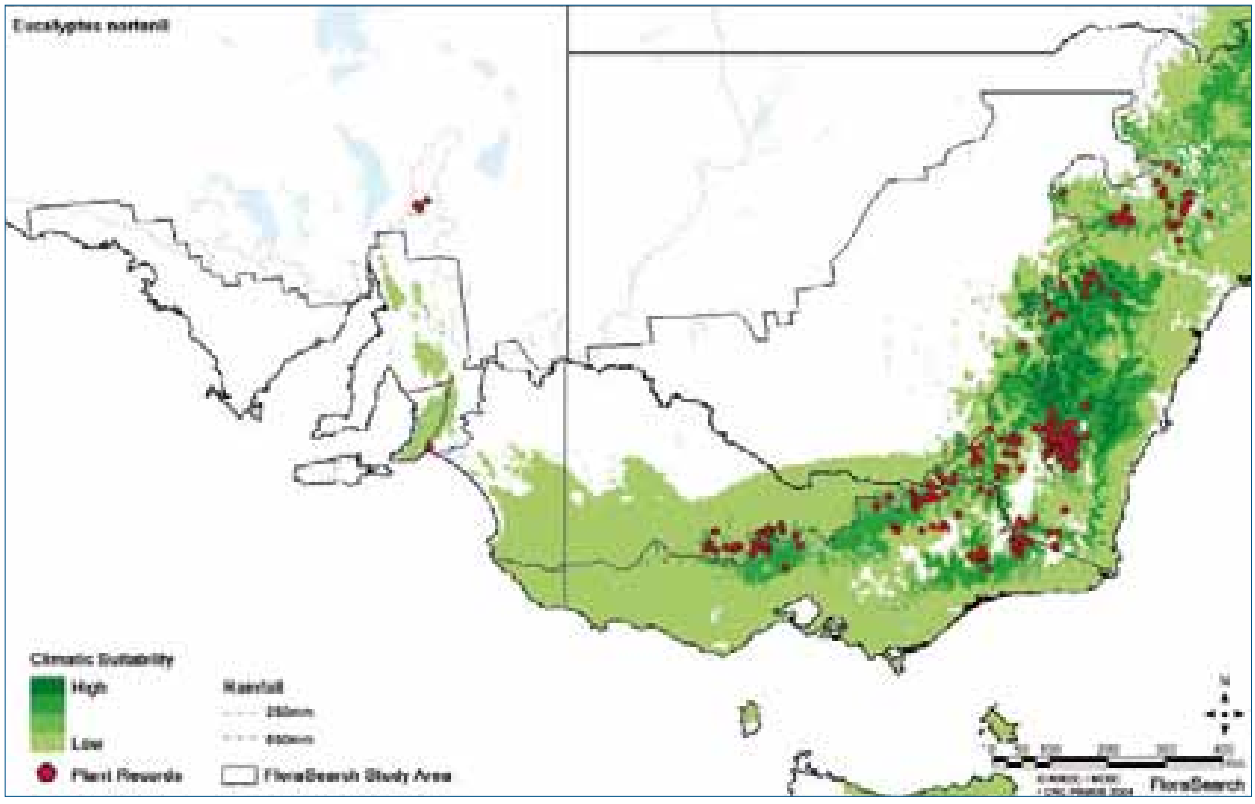
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.32 n	775	7.45		7.7	4.7	0.23				



Myrtaceae	*Eucalyptus nortonii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	8			1	37	82	403	11	117	257	129	9

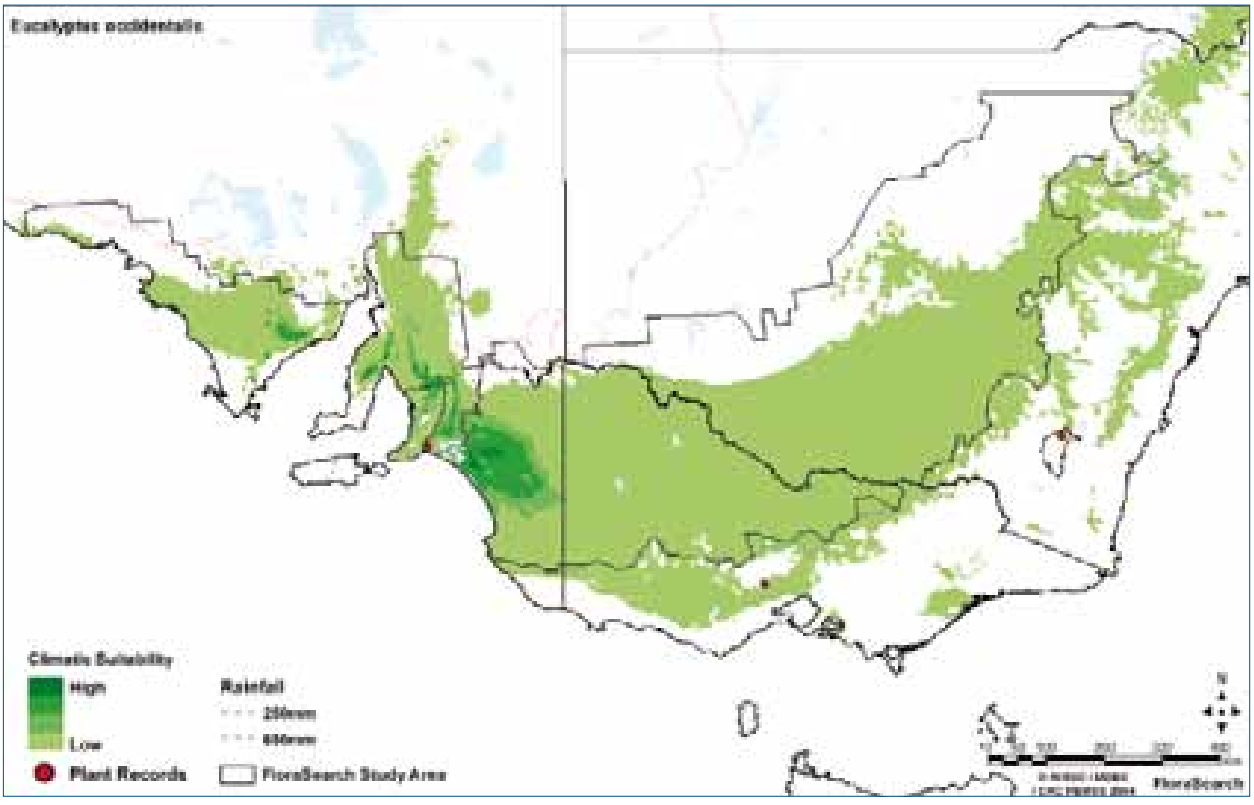
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.78 n	660 e	4.52	<39			0.7				



Myrtaceae (WA species) | *Eucalyptus occidentalis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
20	10		17	97	109	49	25	229	1	4		

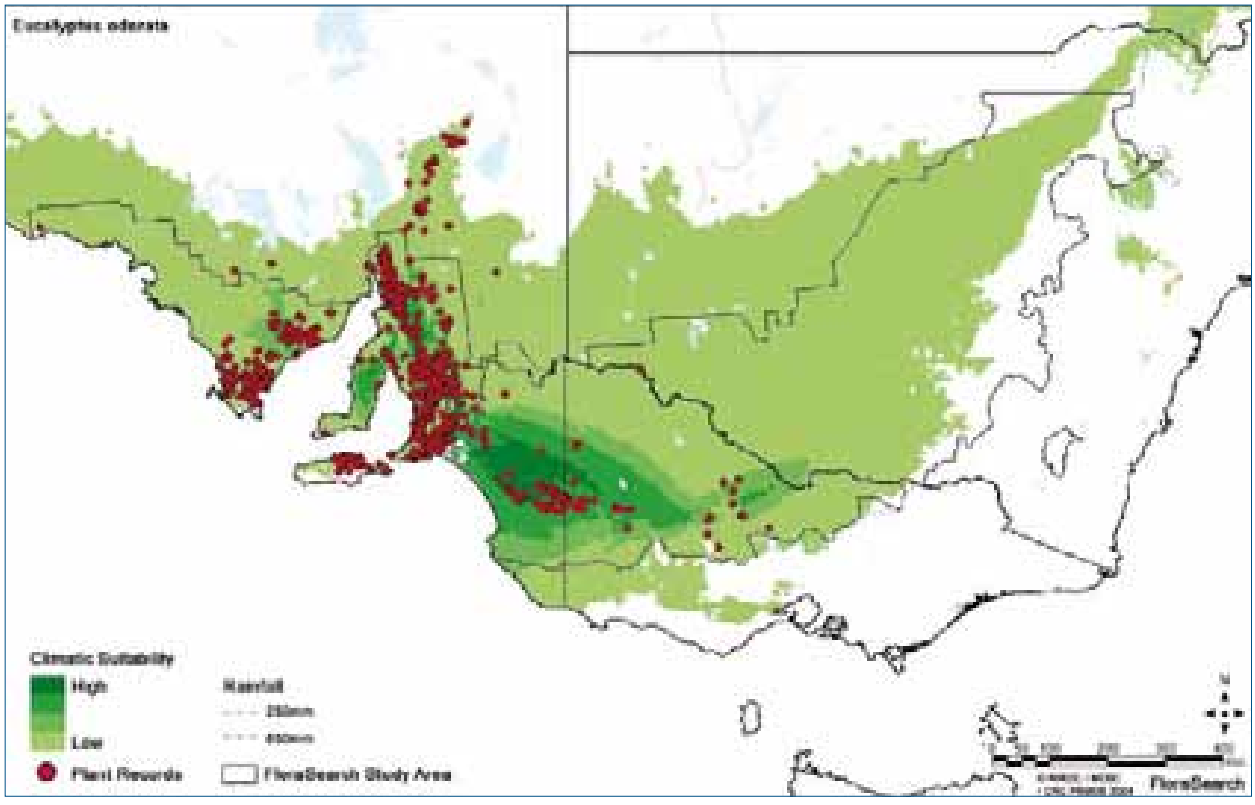
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.85 n	554 c	4.26	50.1 c							



Myrtaceae	*Eucalyptus odorata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	15	3	83	463	555	232	120	815	391	112	94	44

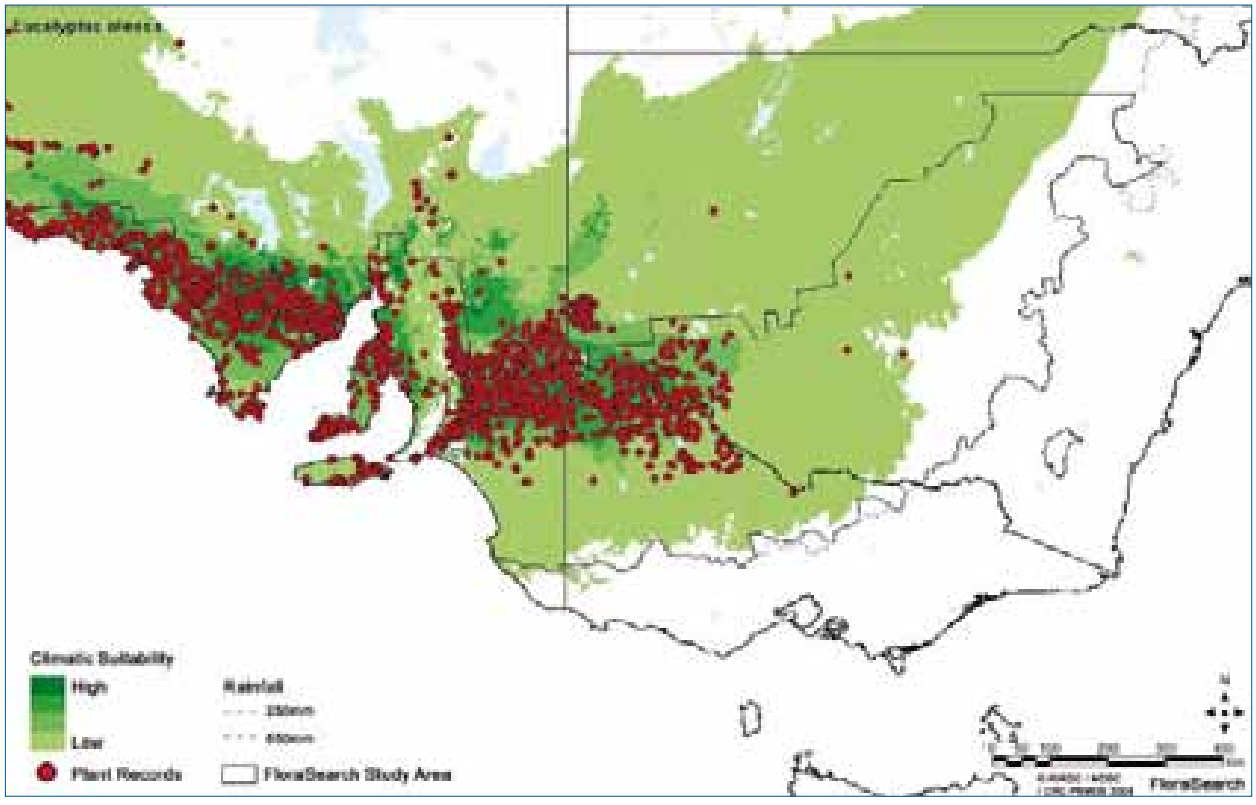
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.8 n	777	5.45		6.2	3.9	1.4				



Myrtaceae	*Eucalyptus oleosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	10	296	1873	333	147	33	7	1953	210	389	70	67

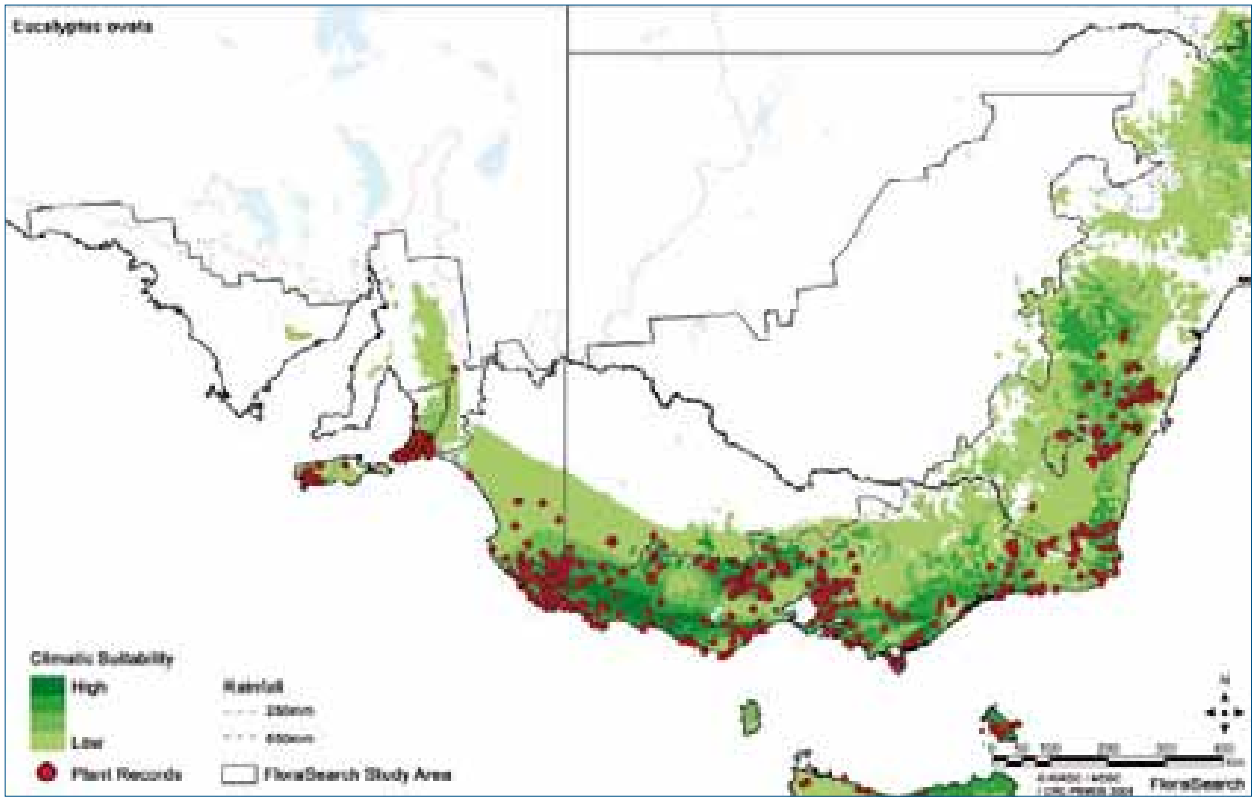
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.28 n	954 i	2.44				3.1				

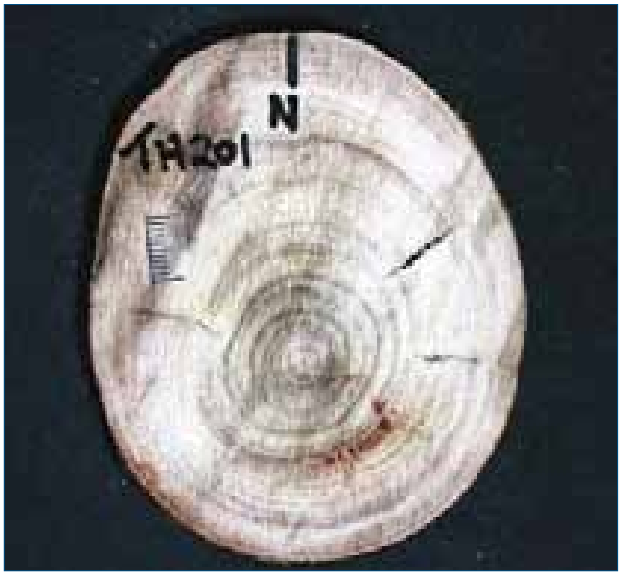


Myrtaceae	*Eucalyptus ovata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	15			1	45	158	1057	404	196	433	226	2

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
18.73 n	504	6.13	49.5	8.2	4.5	0.95				

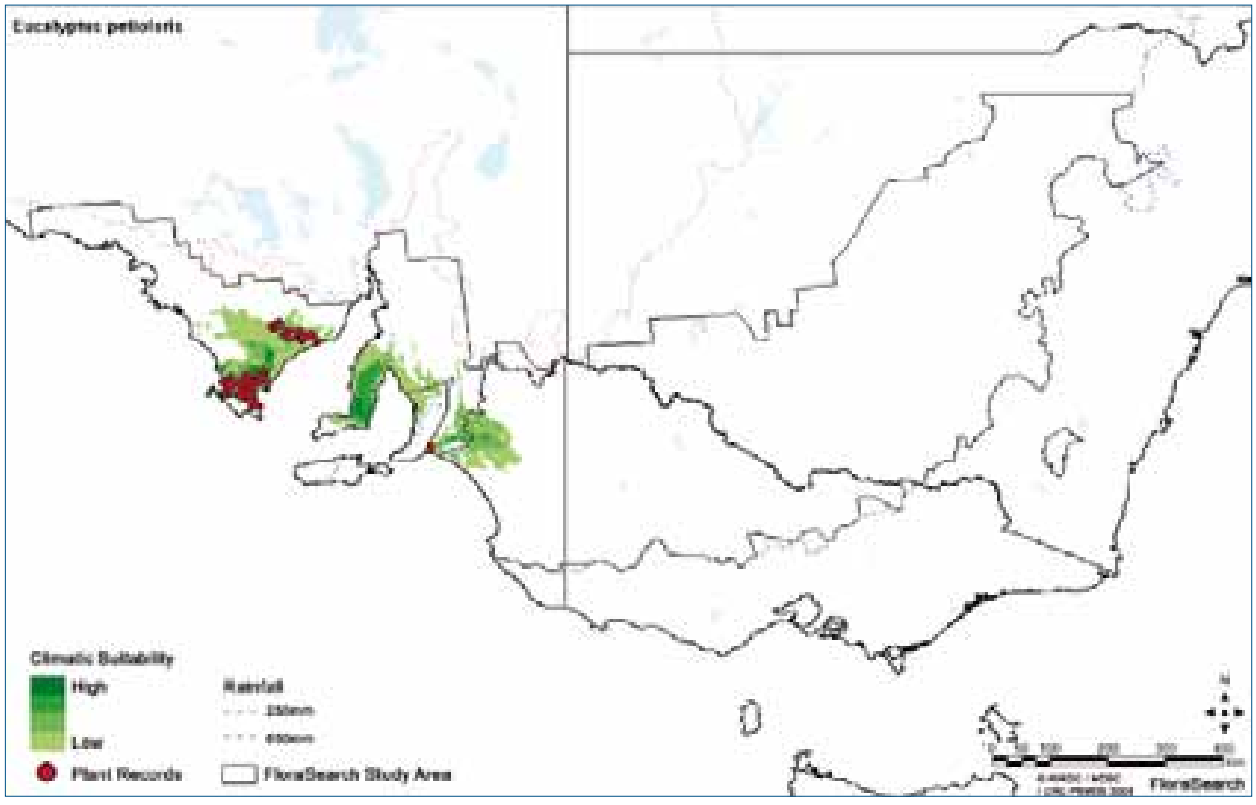




Myrtaceae	*Eucalyptus petiolaris*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	12		25	70	74	9		174		3		1

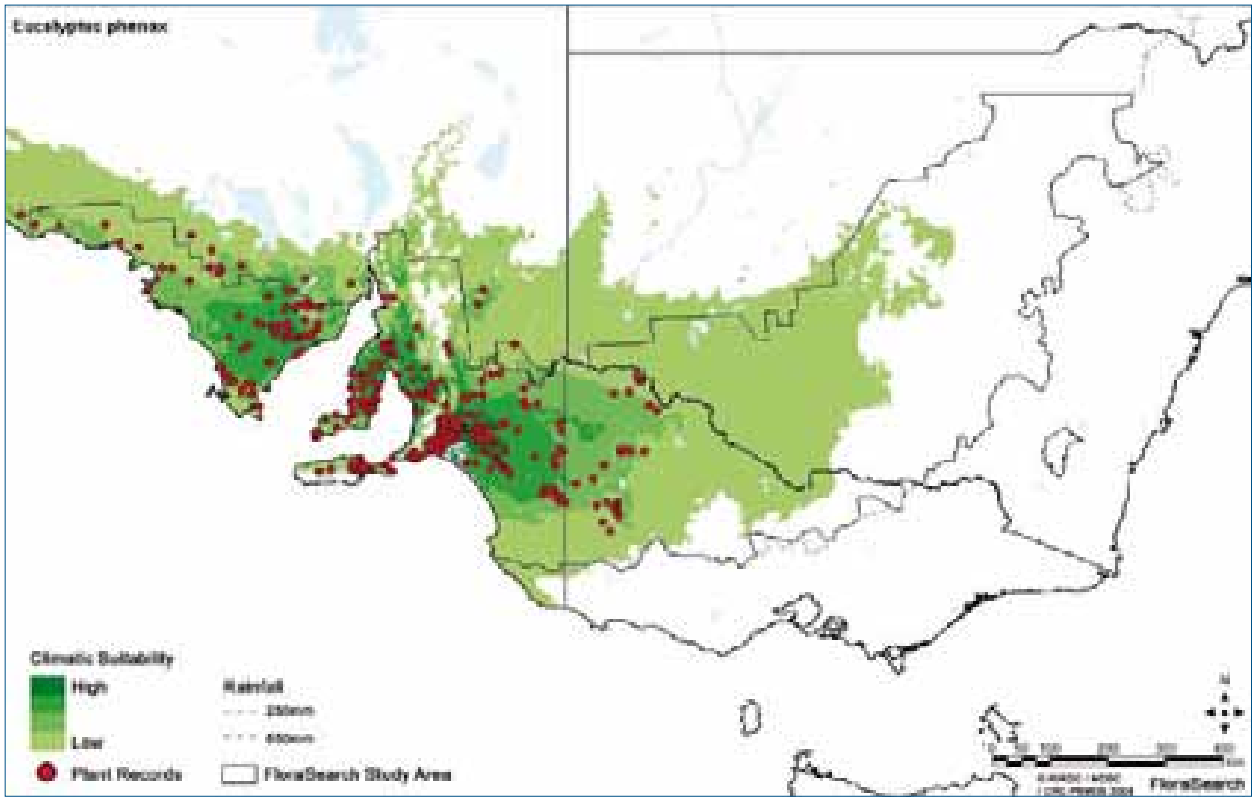
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.25 n	664	6.22	47.1	10.1	4.3	2.1				



Myrtaceae	*Eucalyptus phenax*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	12	3	185	403	90	45	31	518	183	32	14	10

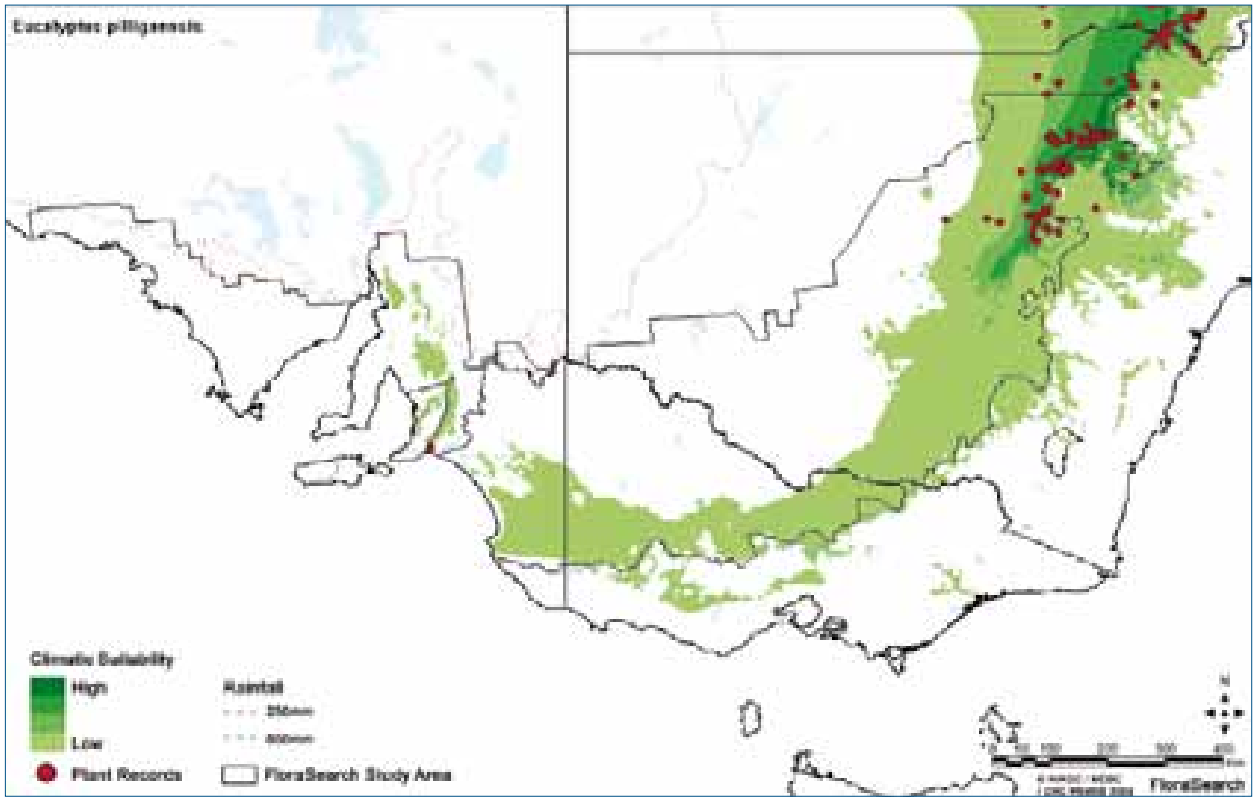
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.46	815	4.49		3.3	4.8	0.63				

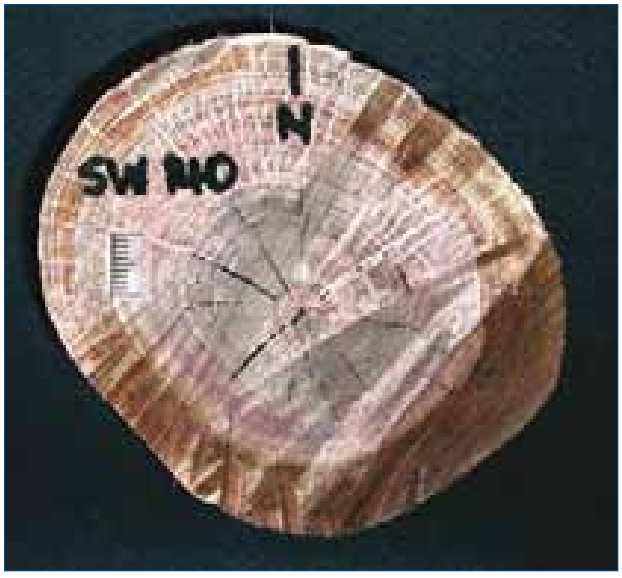


Myrtaceae	*Eucalyptus pilligaensis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	15			1	34	129	28	4	26	4	85	73

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.72	896	2.6		11.9	3.2					

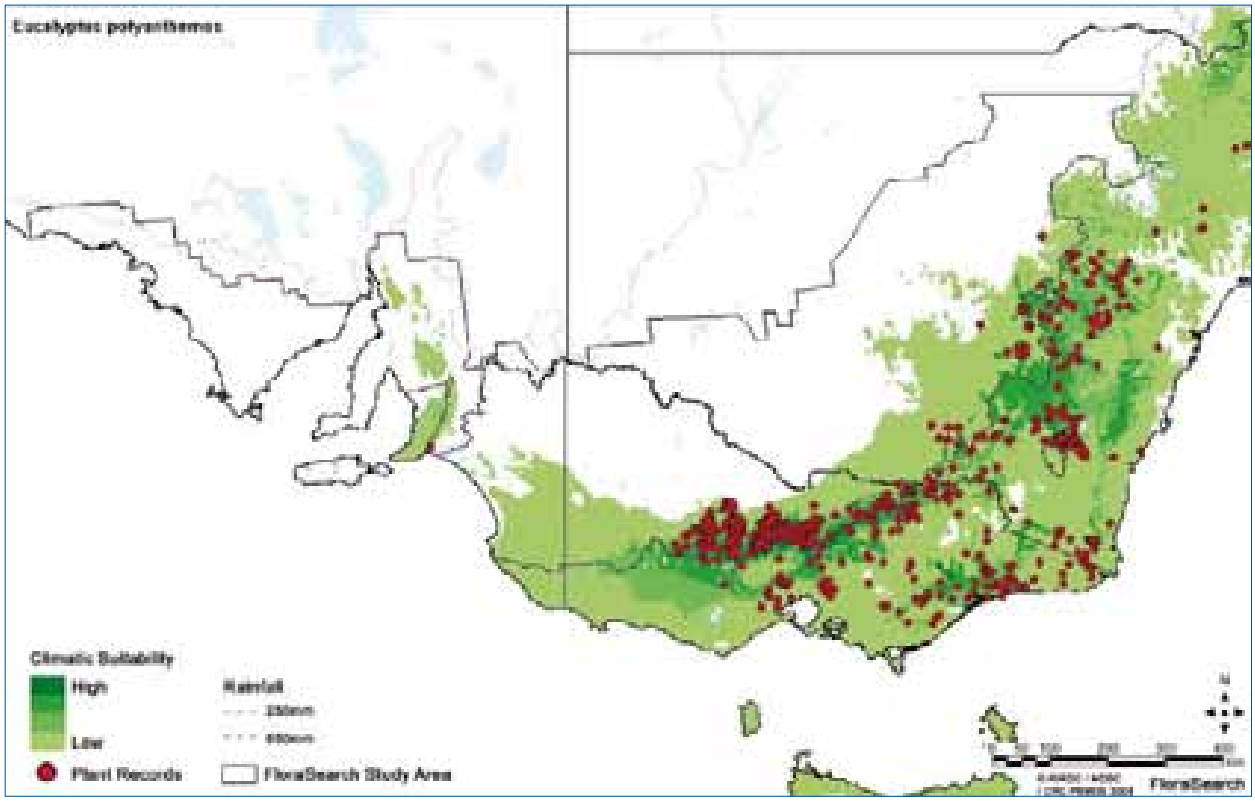




Myrtaceae	*Eucalyptus polyanthemos*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	15			9	309	398	496	105	275	725	105	2

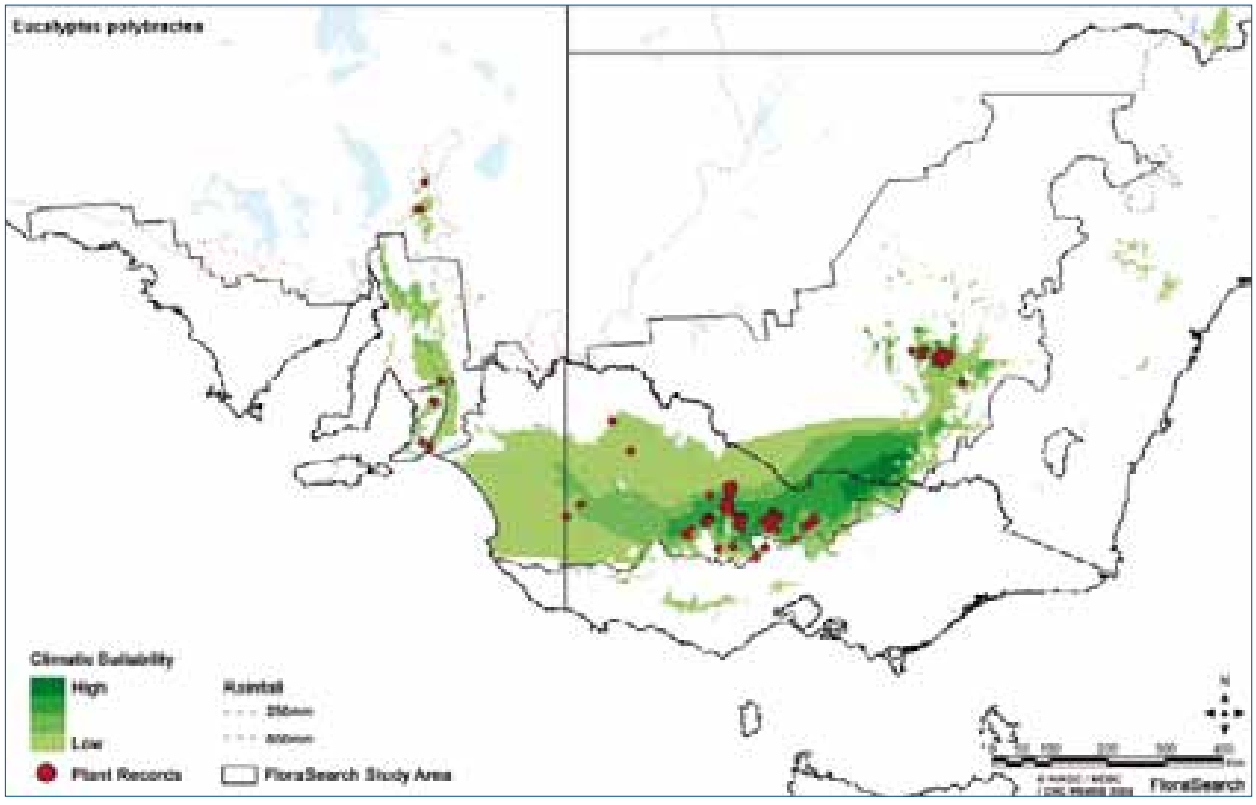
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
12.55 n	783	7.67		15.3	4	1.13				



Myrtaceae	*Eucalyptus polybractea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8		3	32	318	13	5	8	144	119	86	14

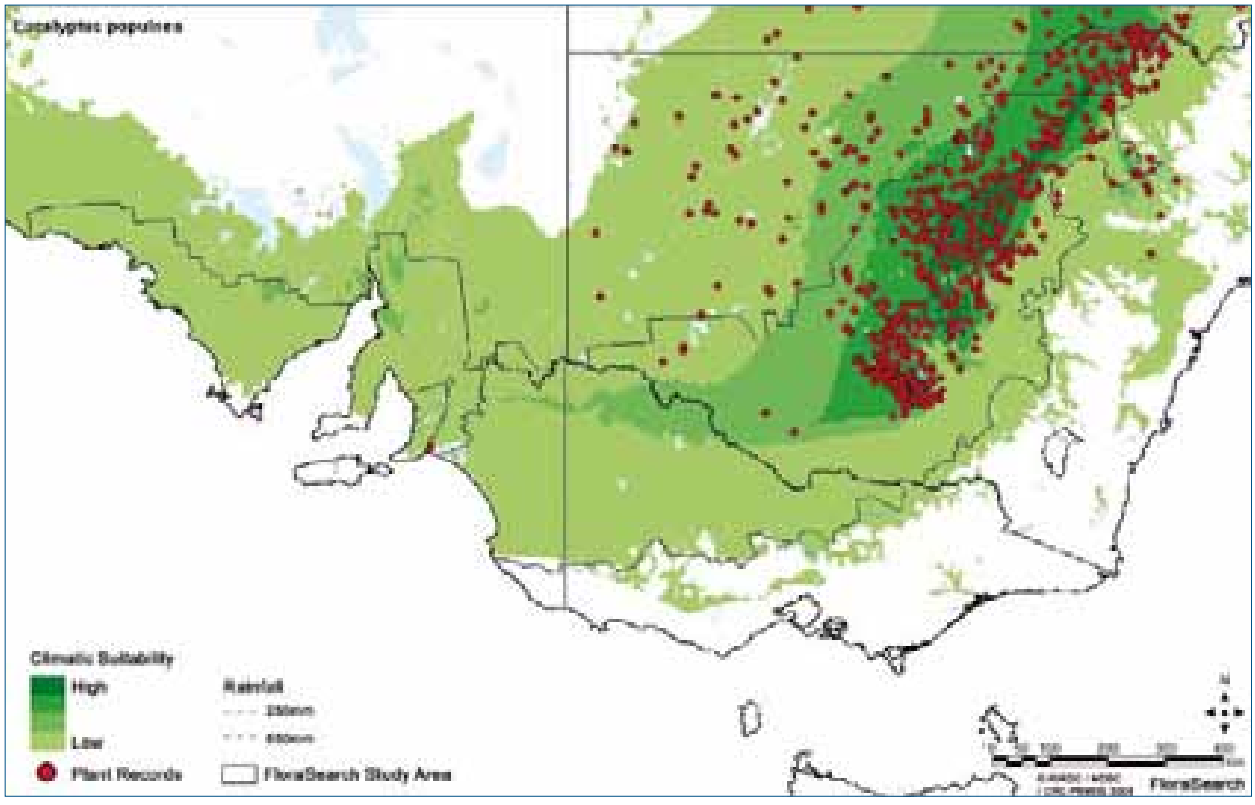
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.55 n	770	1.53	54.0	7.4	4.4	2.35				



Myrtaceae	*Eucalyptus populnea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
20	12	11	54	458	455	268	79	50	30	291	588	366

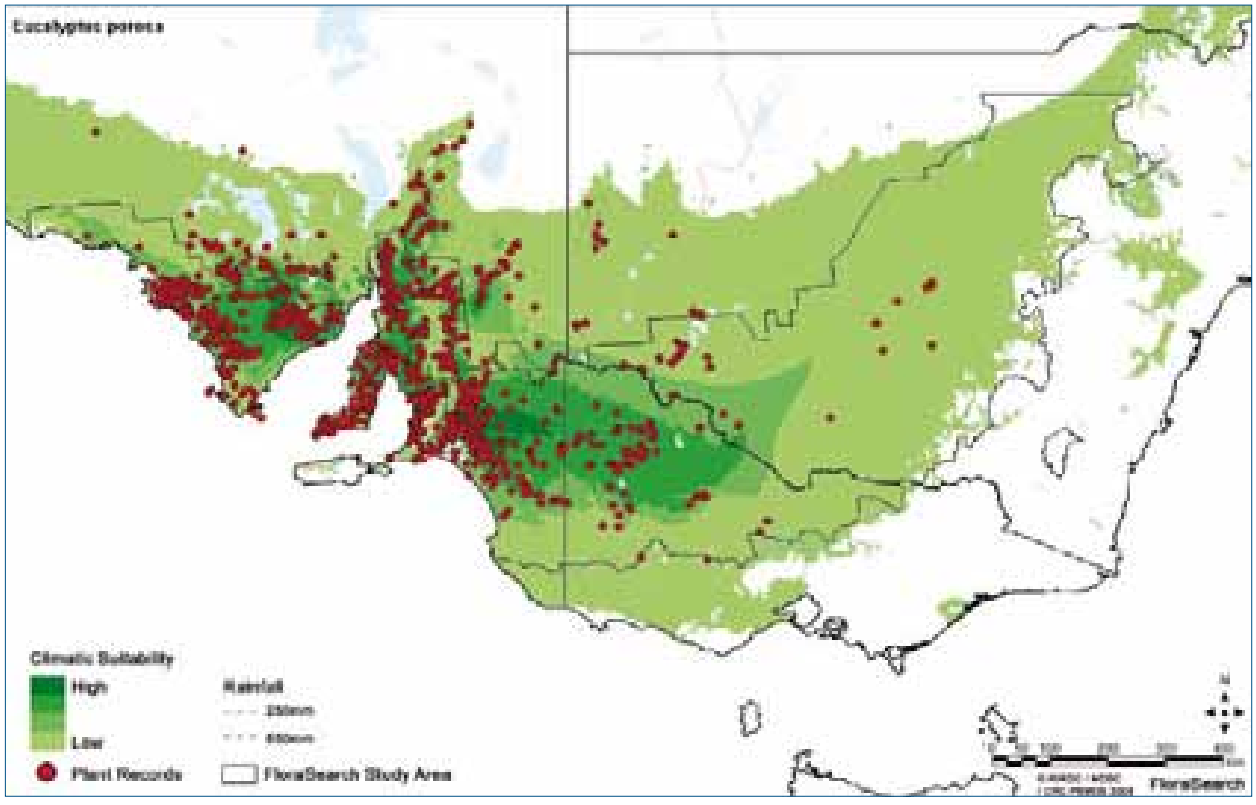
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.51 n	862 i	1.02								



Myrtaceae	*Eucalyptus porosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	12	85	598	543	164	54	36	934	264	145	84	53

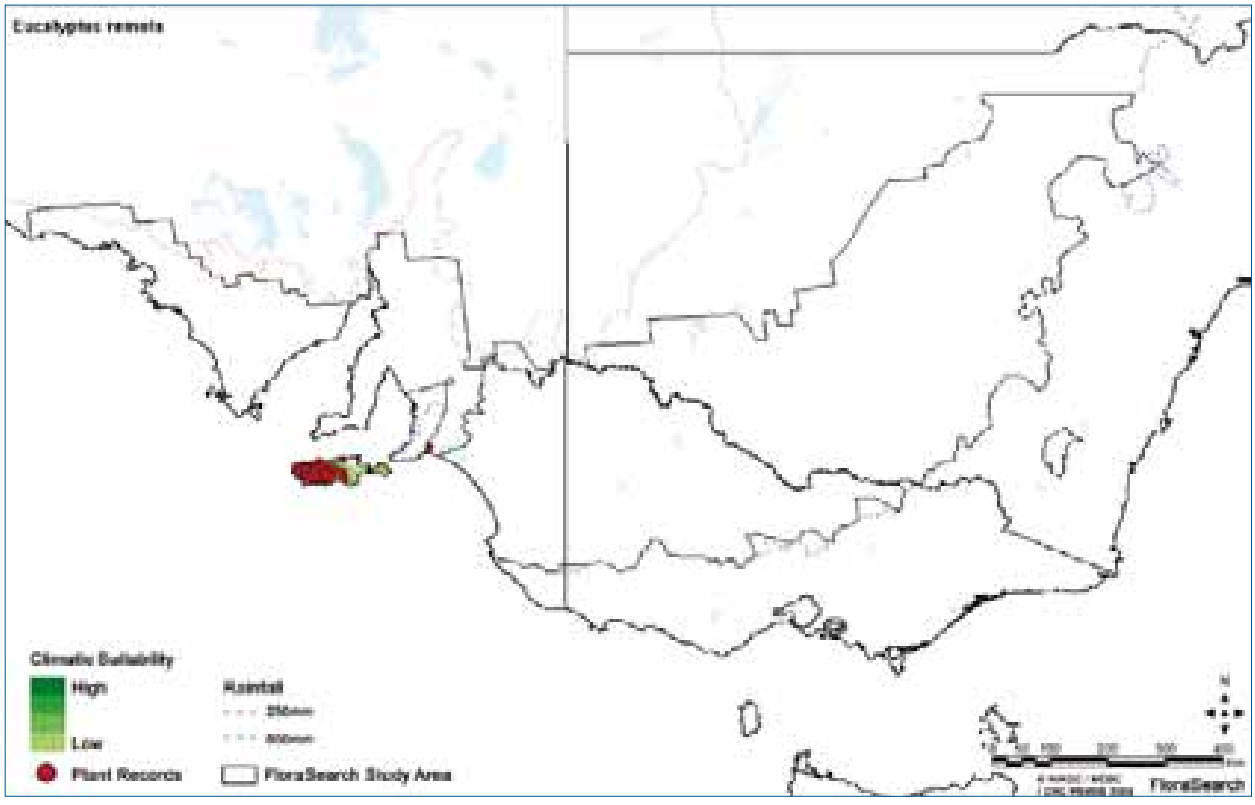
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.44 n	641	3.04	49.9	7.7	5.1	2.1				



Myrtaceae	*Eucalyptus remota*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	8				2	25	108	66	44	25		

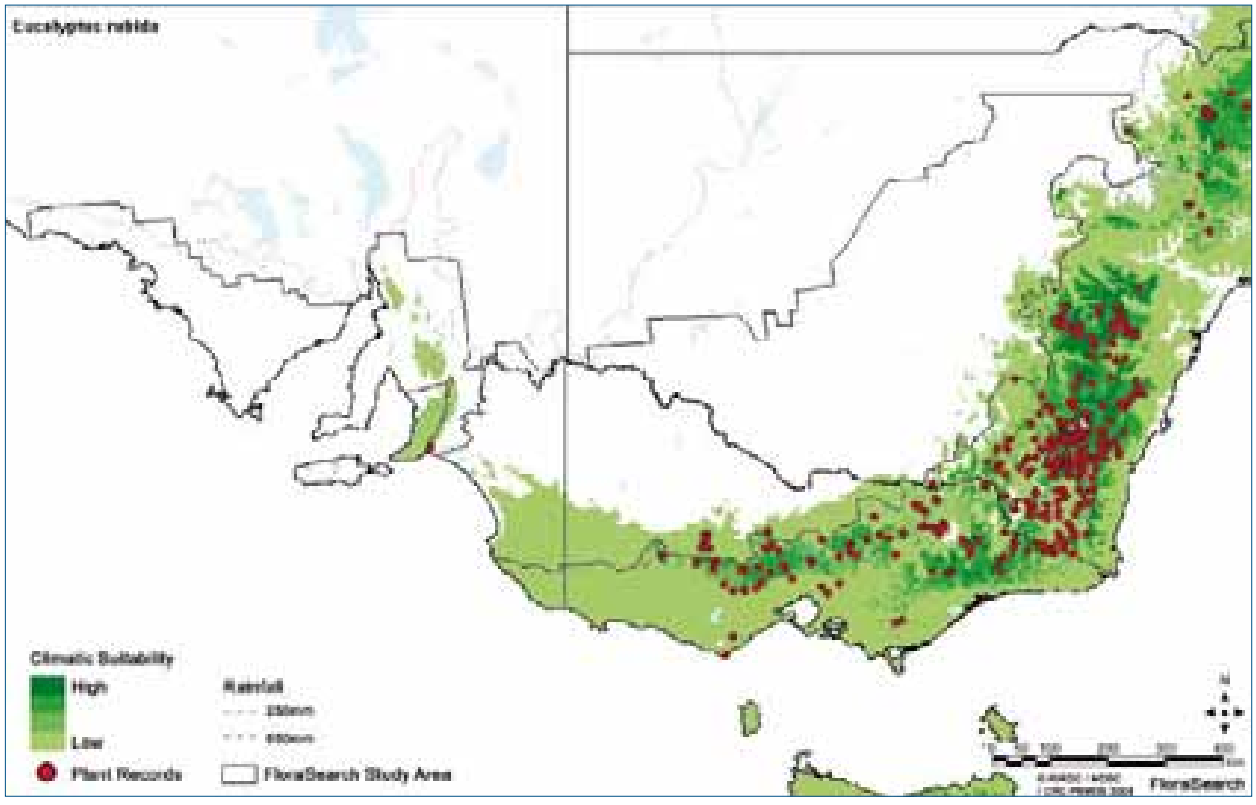
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.68 n	700 e	4.19				0.68				



Myrtaceae	*Eucalyptus rubida*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20				38	93	518	90	120	309	129	1

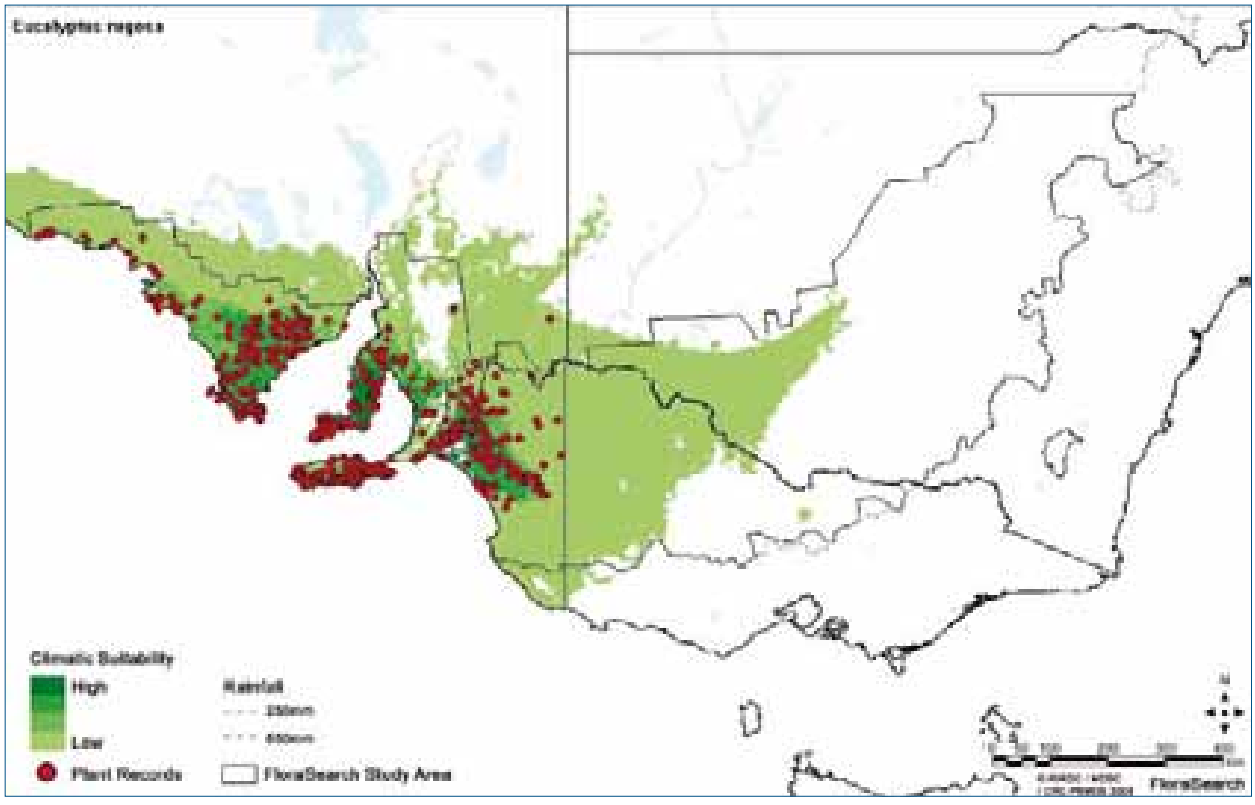
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
13.52 n	529	4.98	46.5	8.7	3.9	1.15				



Myrtaceae	*Eucalyptus rugosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	10	3	178	308	311	60	78	635	258	20	25	

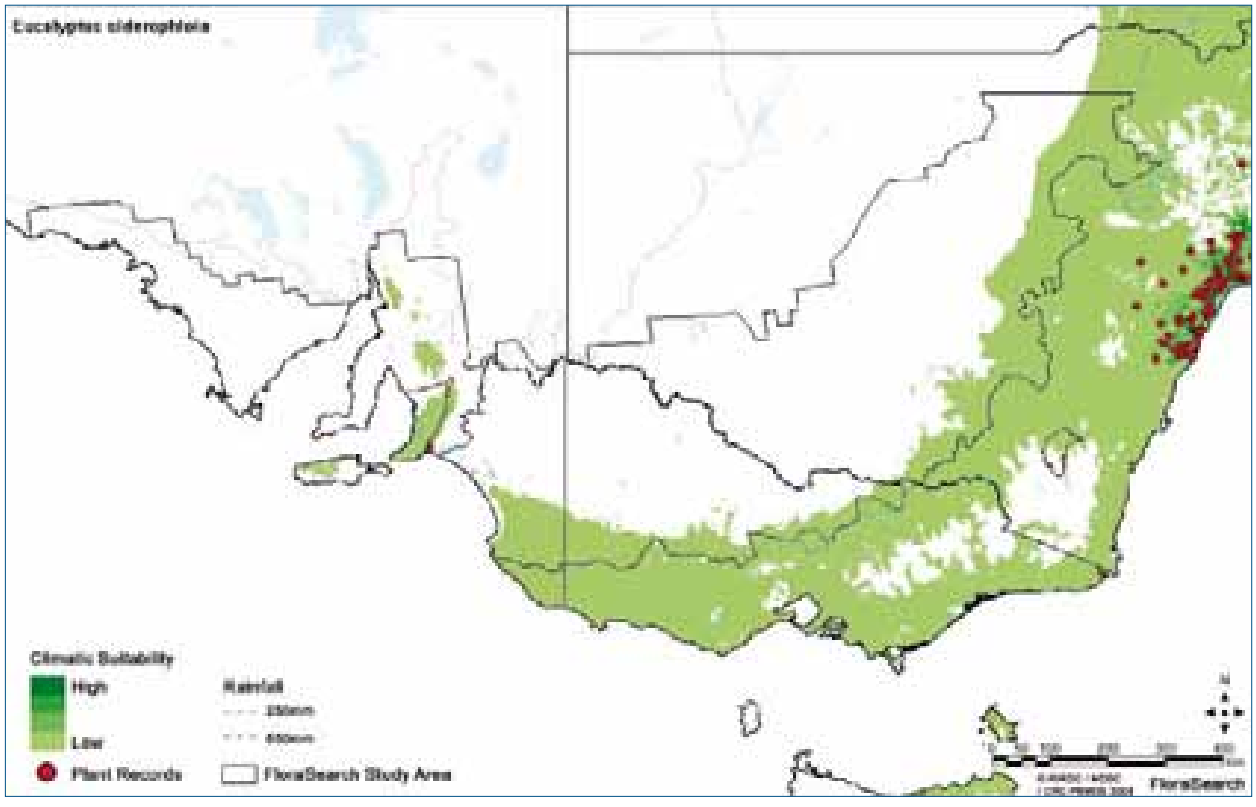
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
5.12 n	860 e	3.43				0.9				



Myrtaceae	*Eucalyptus siderophloia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20					8	481	54	66	224	140	5

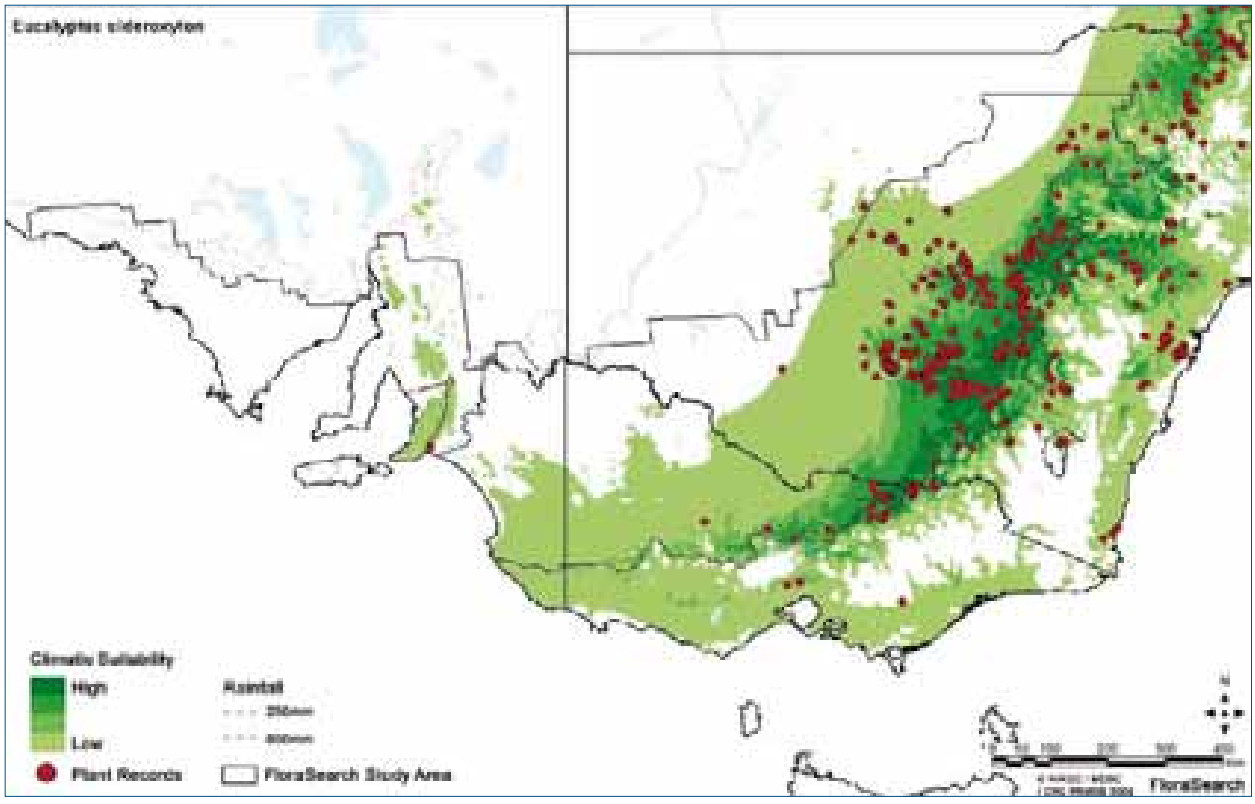
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
9.48 n	868 i	6.42				0.15				



Myrtaceae	*Eucalyptus sideroxylon*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20		1	85	232	195	288	74	89	435	174	29

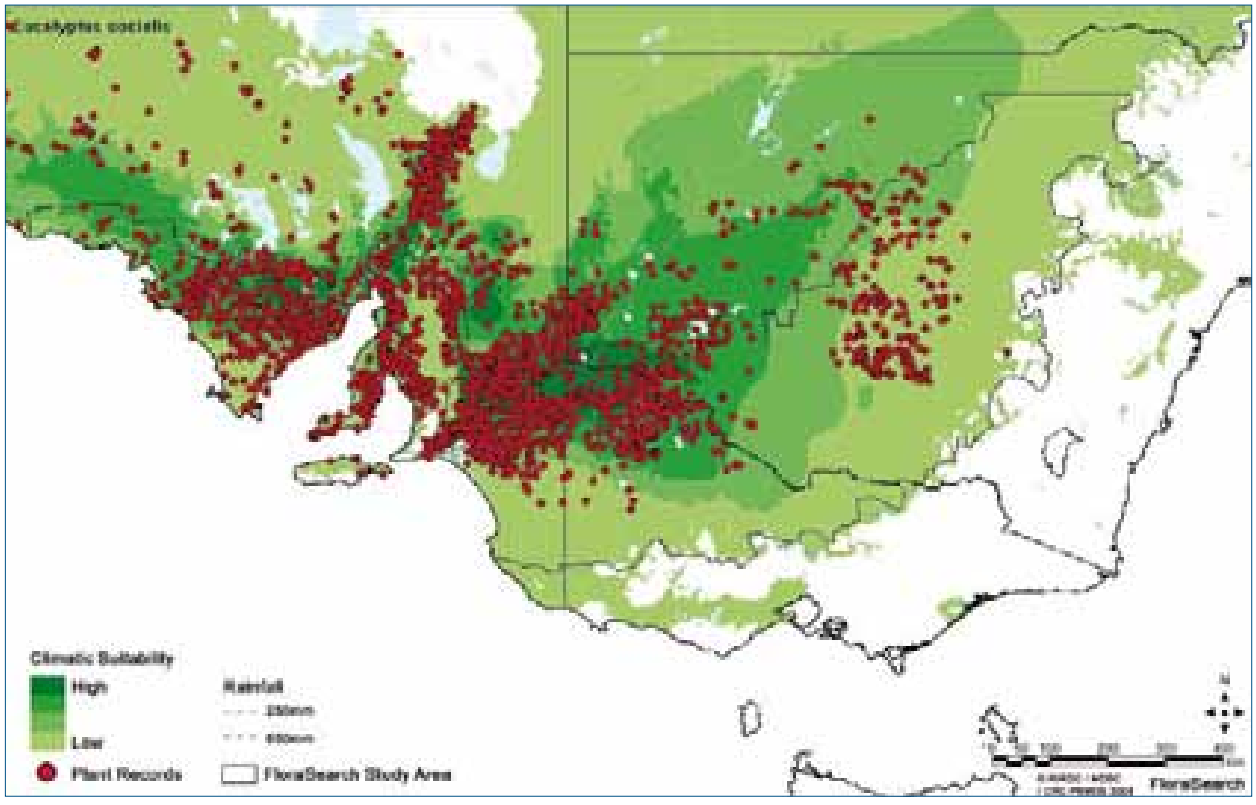
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
11.63 n	759	6.89		11	4.8	1.77				



Myrtaceae	*Eucalyptus socialis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	10	479	2276	1033	195	37	4	2471	354	606	442	151

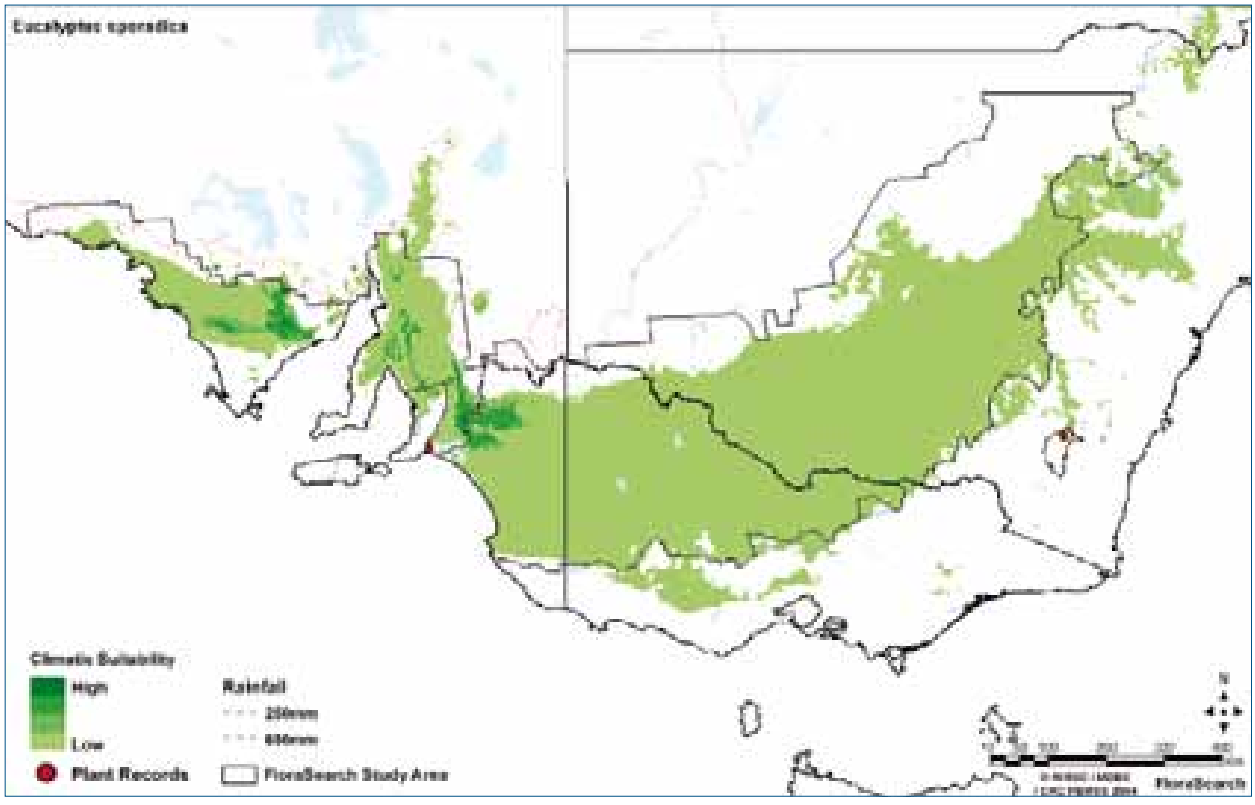
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.62	765	4.1		4.9	4.9	1.6				



Myrtaceae (WA species) | *Eucalyptus sporadica*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
4	6		83	146	28	1	2	247		2		

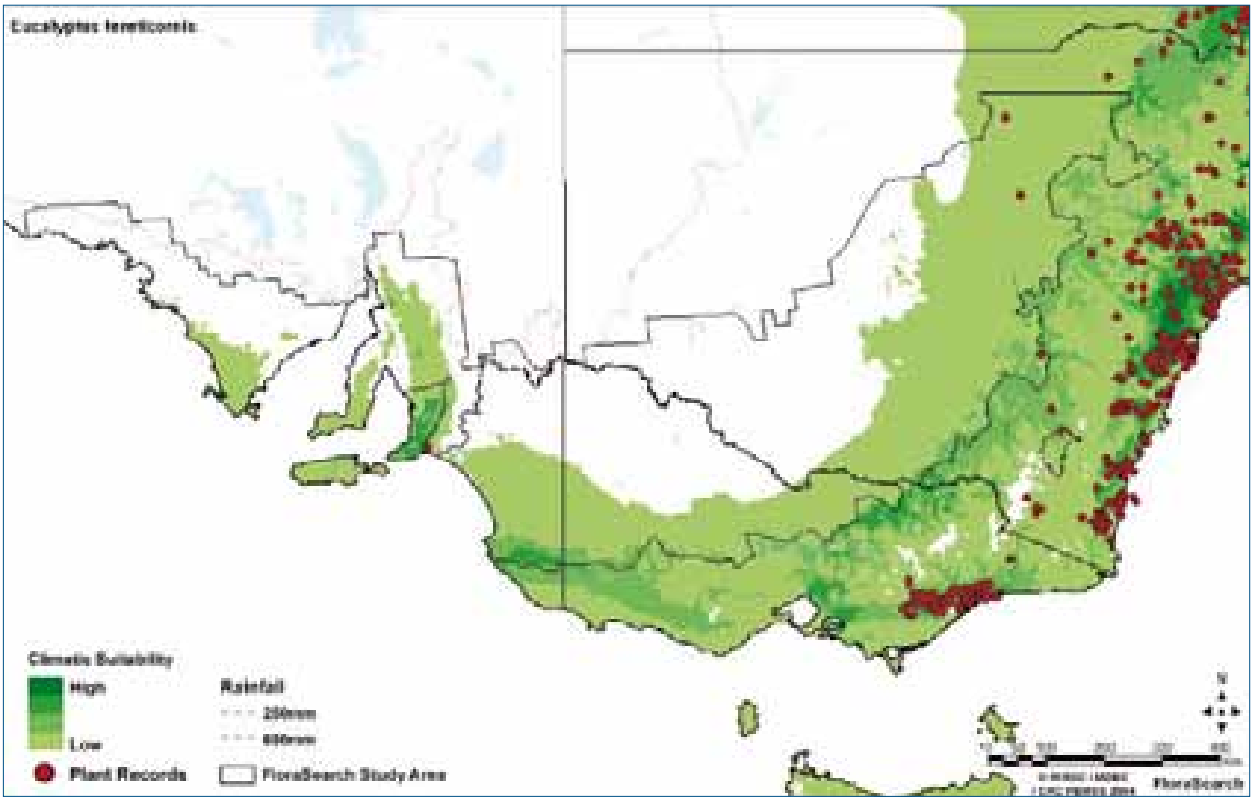
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
11.4 n	554 e	4.93								



Myrtaceae	*Eucalyptus tereticornis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	25			1	14	237	1147	162	190	275	618	58

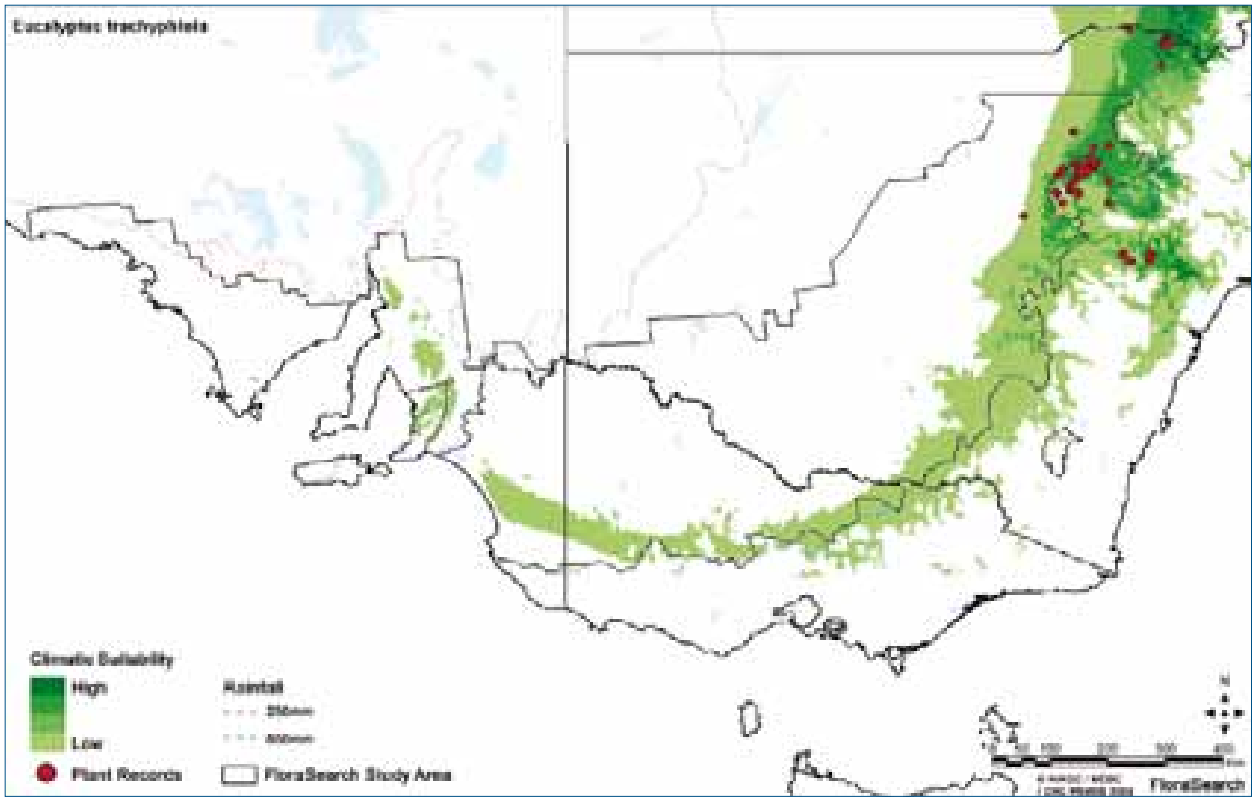
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
8.71 n	781 i	5.31				0.82				



Myrtaceae	*Eucalyptus trachyphloia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
25	20				4	54	121	43	45	10	68	13

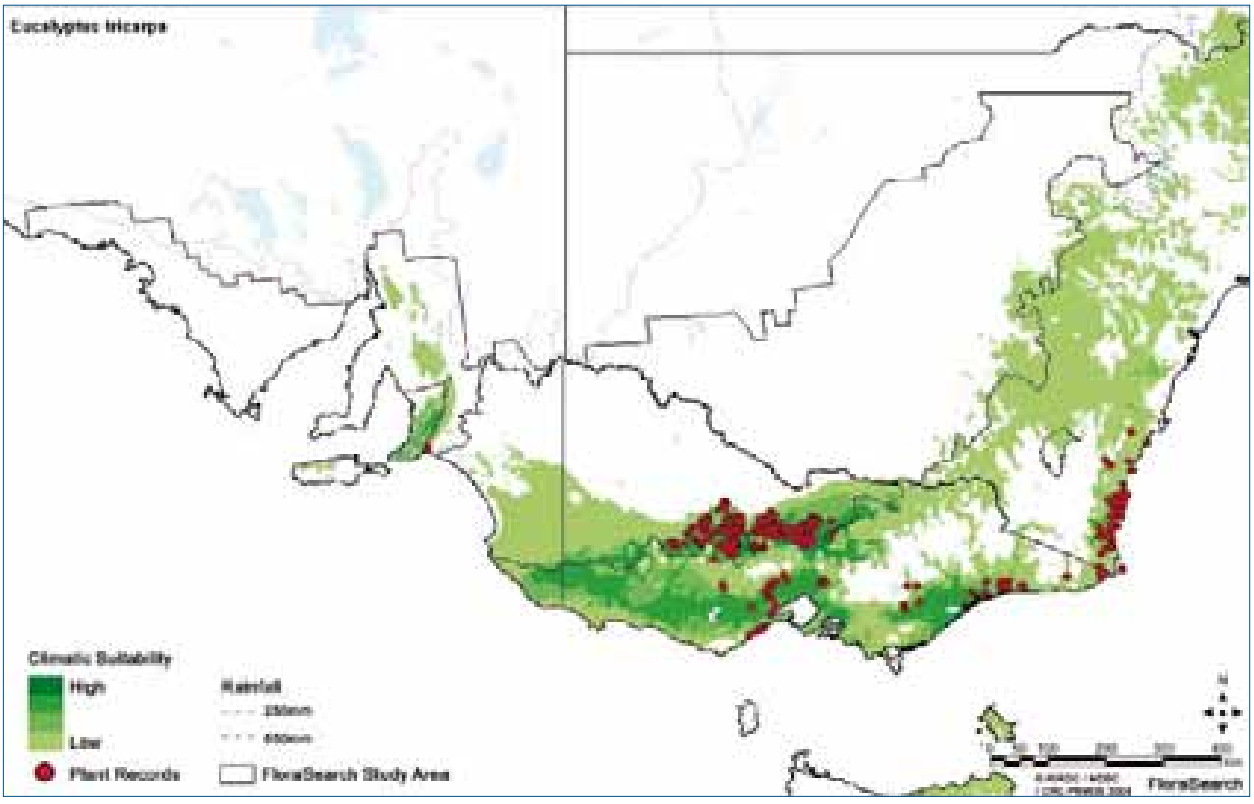
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.84 n	846 i	4.52				0.2				



Myrtaceae	*Eucalyptus tricarpa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
35	15			3	289	162	140	25	133	390	45	1

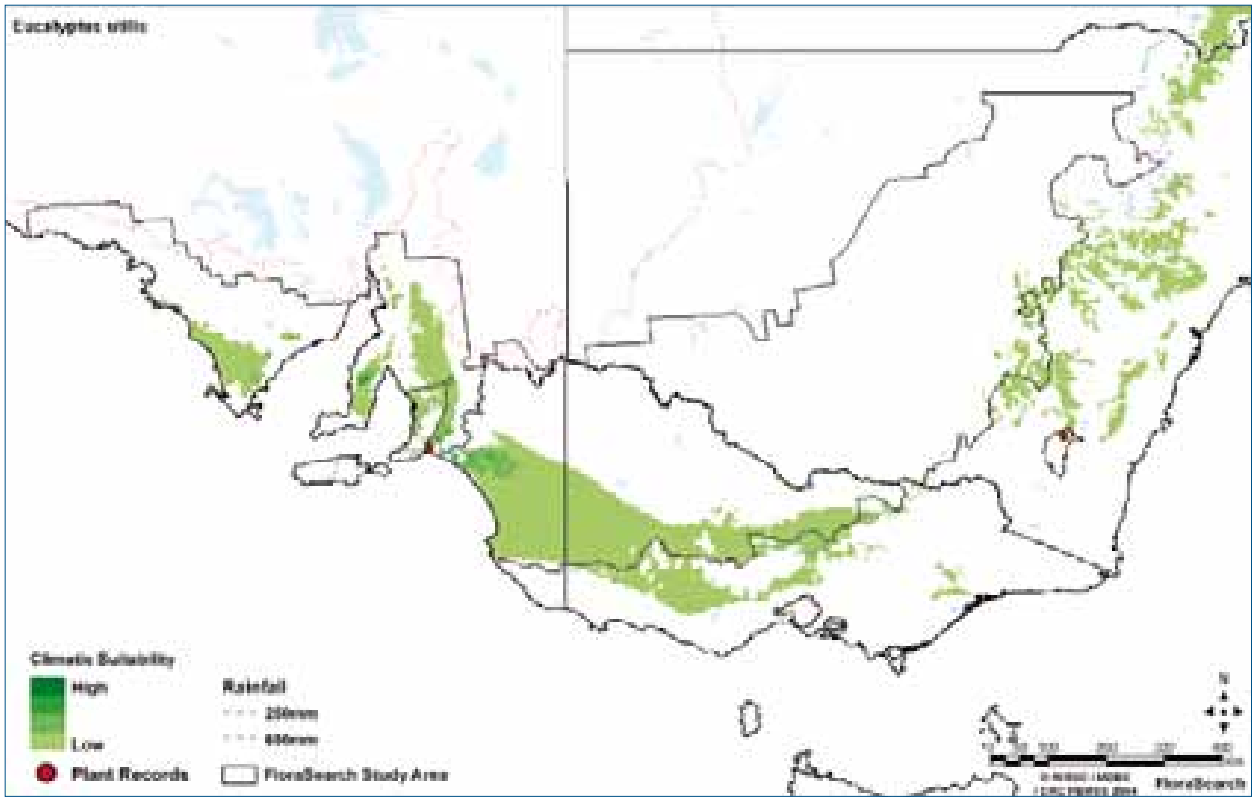
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.83 n	773 e	2.31								



Myrtaceae (WA species) | *Eucalyptus utilis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
7	7			8	40	25	7	56		2		

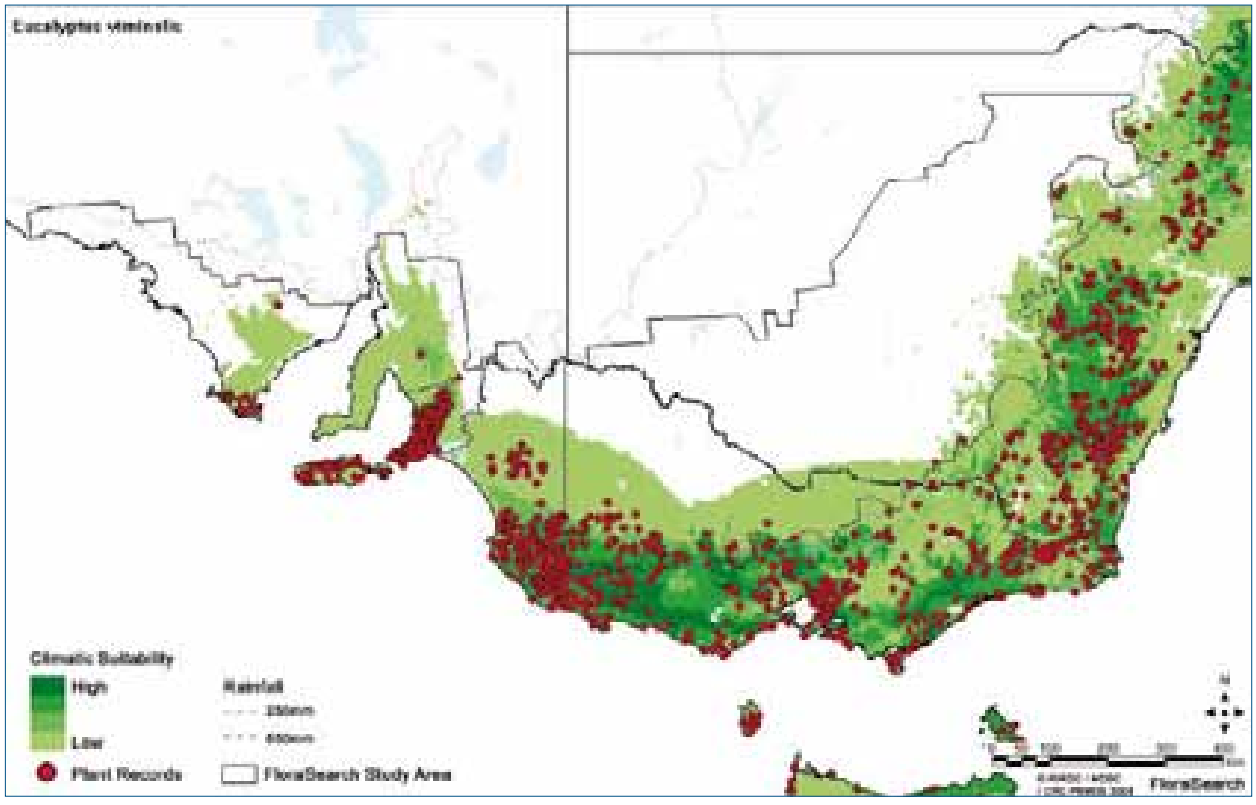
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
6.41 n	554 e	2.77								



Myrtaceae	*Eucalyptus viminalis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
50	25		3	56	241	482	2118	894	625	836	519	26

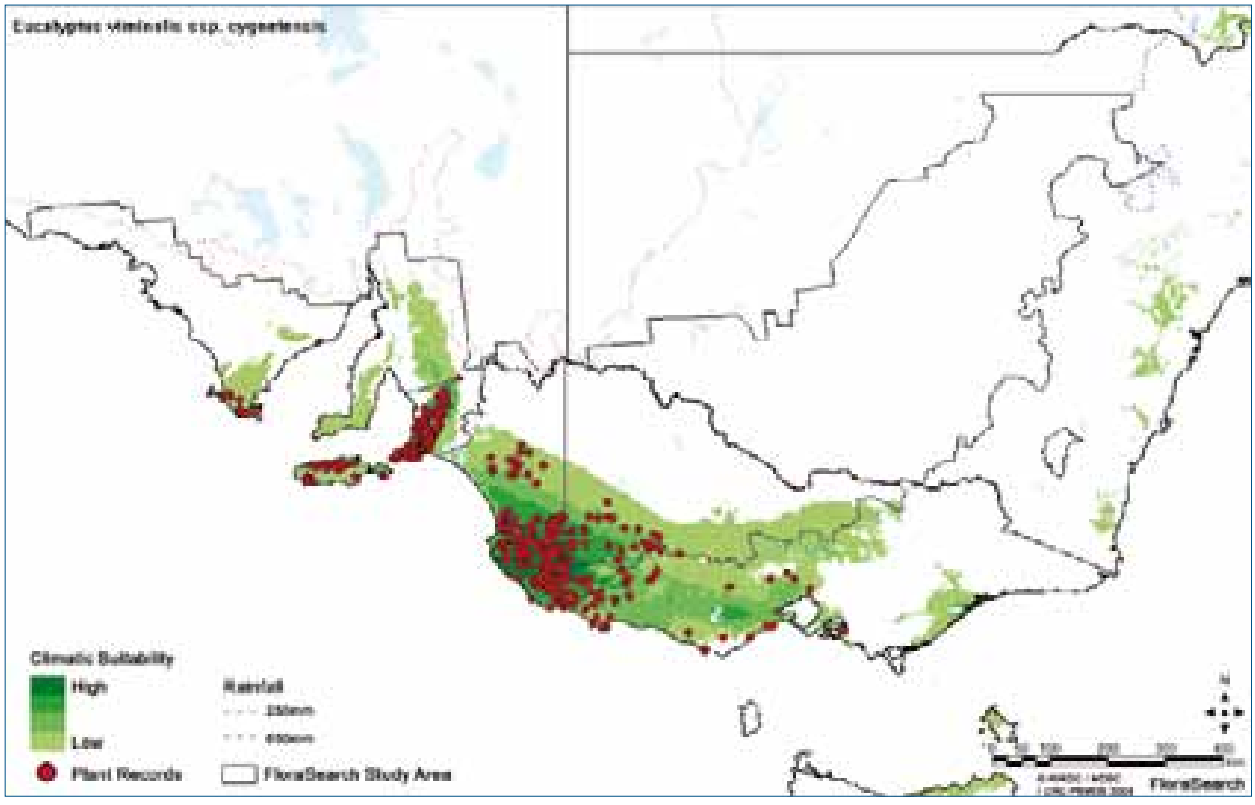
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
26.6	532	9.45	51.3 c	11.2	5	1.36				



Myrtaceae	*Eucalyptus viminalis* ssp. *cygnetensis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
50	25		1	31	113	208	319	402	133	89	45	3

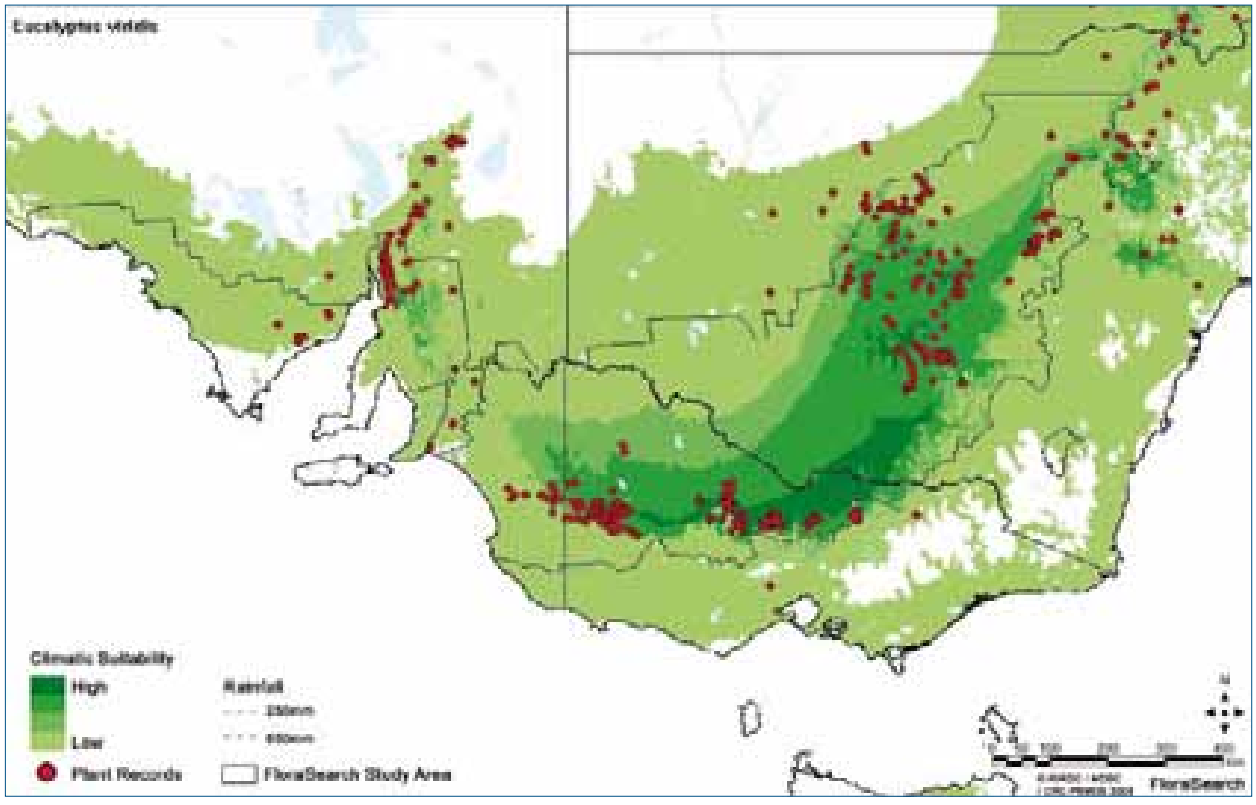
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
26.6	532	9.45	44.3	11.2	5	1.36				



Myrtaceae	*Eucalyptus viridis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	6	2	31	342	444	122	69	198	245	204	282	81

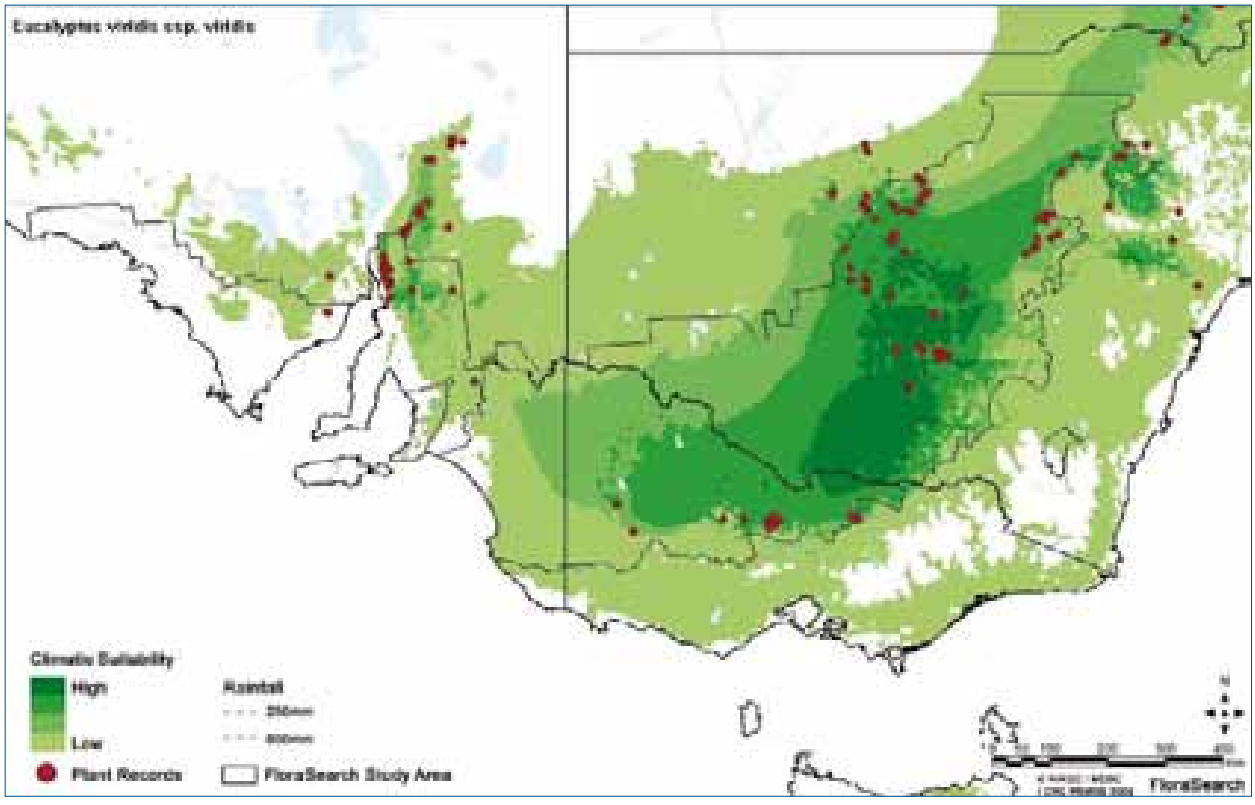
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.85	845	2.74		7.2	4.55	1.23				



Myrtaceae	*Eucalyptus viridis* ssp. *viridis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	6	1	14	55	43	35	19	30	26	43	63	5

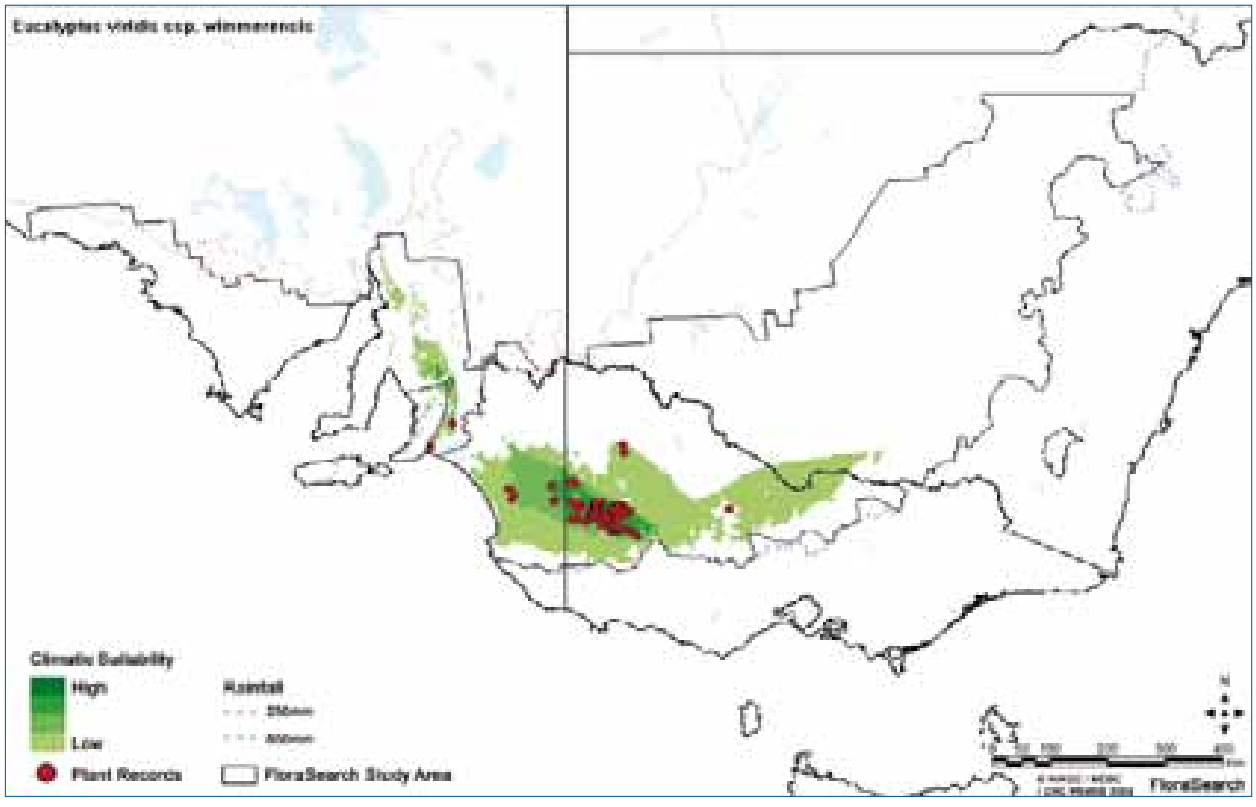
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.24 n	837	1.46		5.2	5.2	1.23				



Myrtaceae	*Eucalyptus viridis* ssp. *wimmerensis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	6	2	2	137	37	1	69	103	48	204	2	24

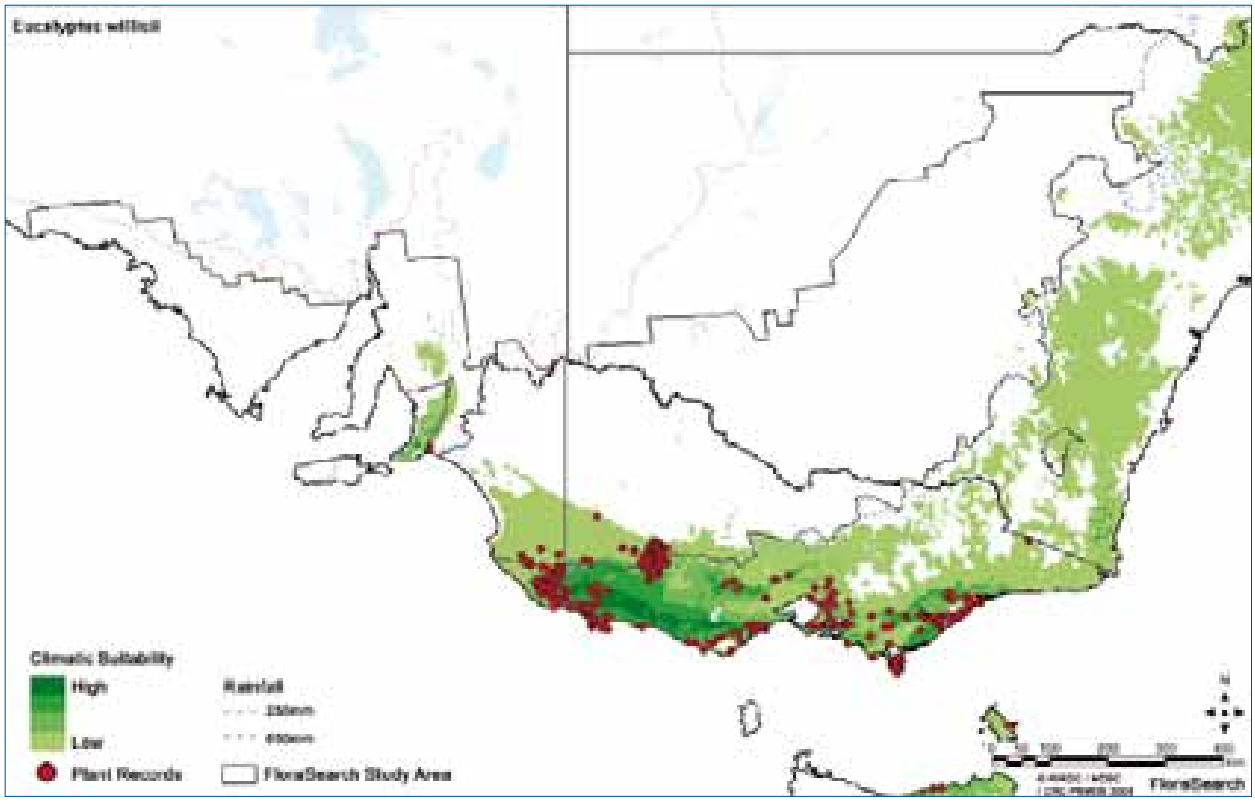
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
7.98 n	853	5.71		9.2	3.9	1.23				



Myrtaceae	*Eucalyptus willisii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	6				2	105	422	337	72	92	28	

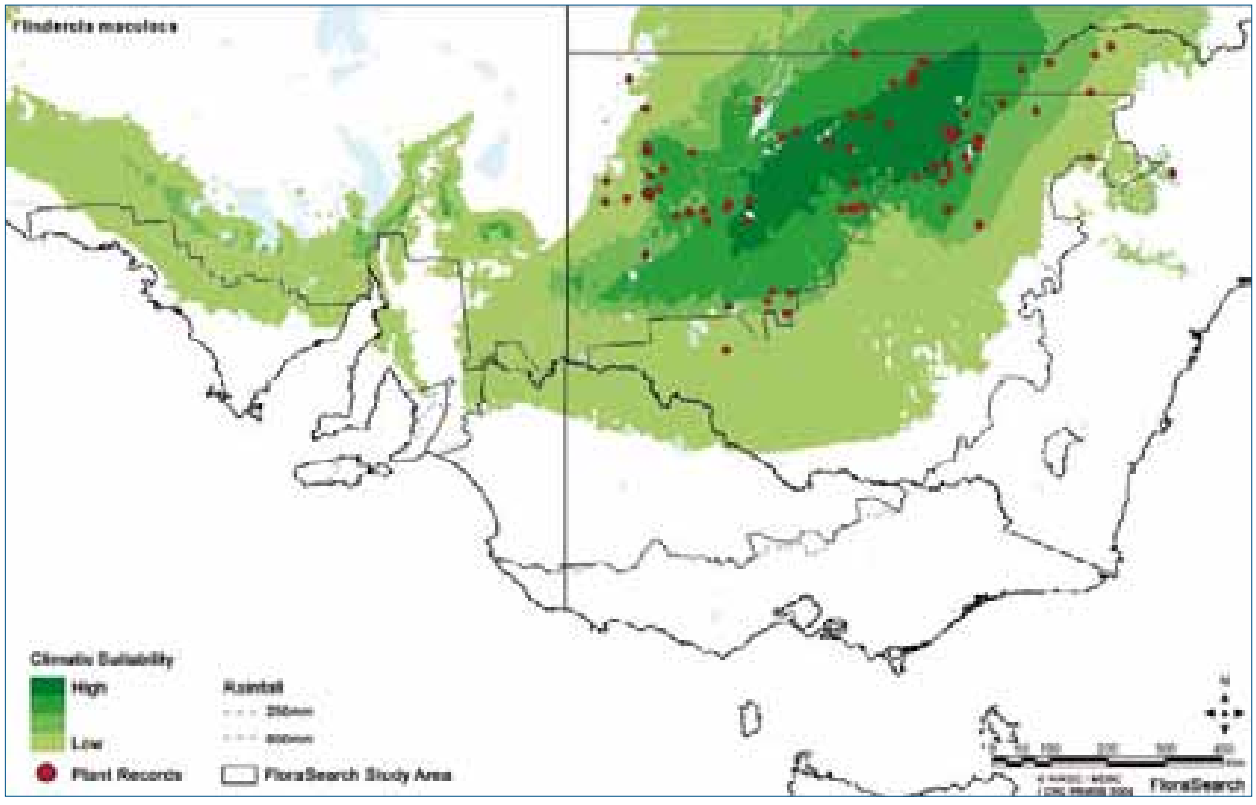
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae | *Flindersia maculosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
15	10	6	26	41	11	7	2	8	1	5	29	50

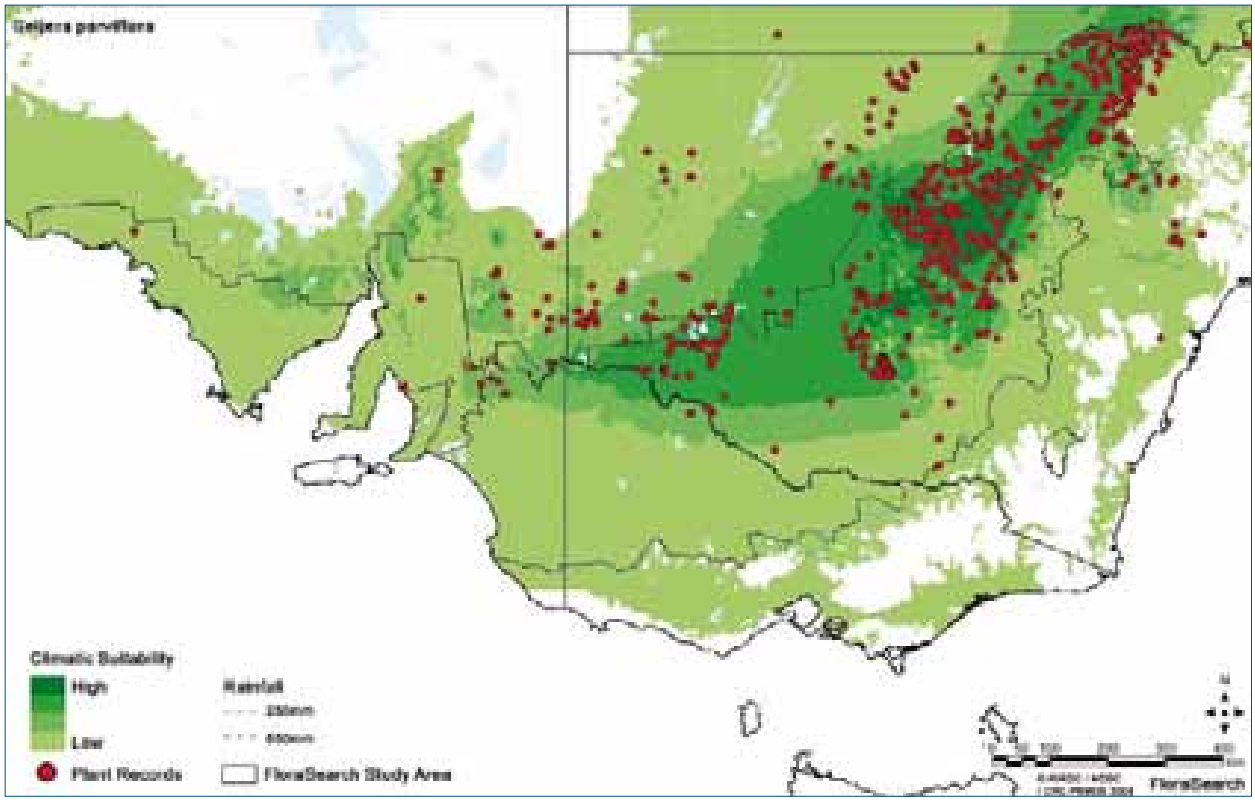
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
2.06	821	1.51	<40	6.4	4.5					H



Rutaceae | *Geijera parviflora*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
9	10	26	91	251	208	172	45	61	26	152	278	276

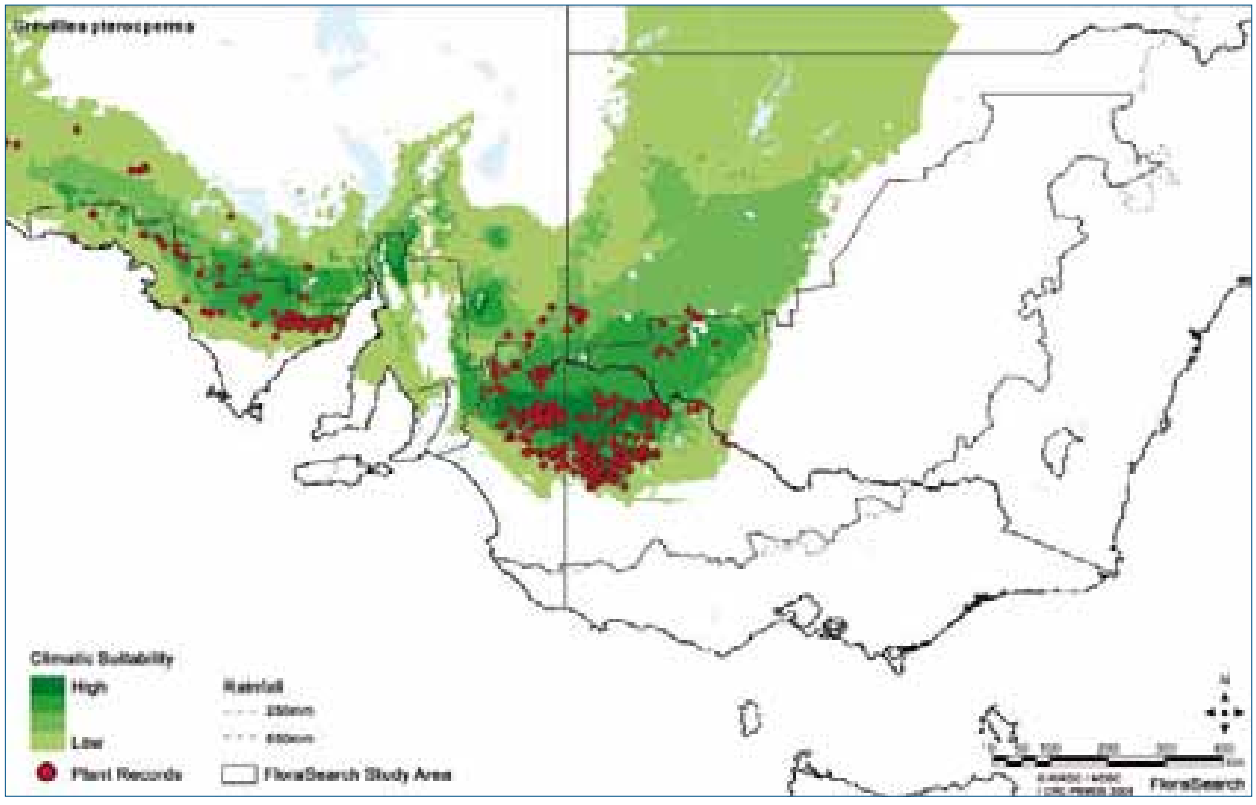
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.3	908	1.63		9.3	5.1		16.9	60.7	8.7	H



Proteaceae	*Grevillea pterosperma*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4	47	427	85			1	502	17	26	6	9

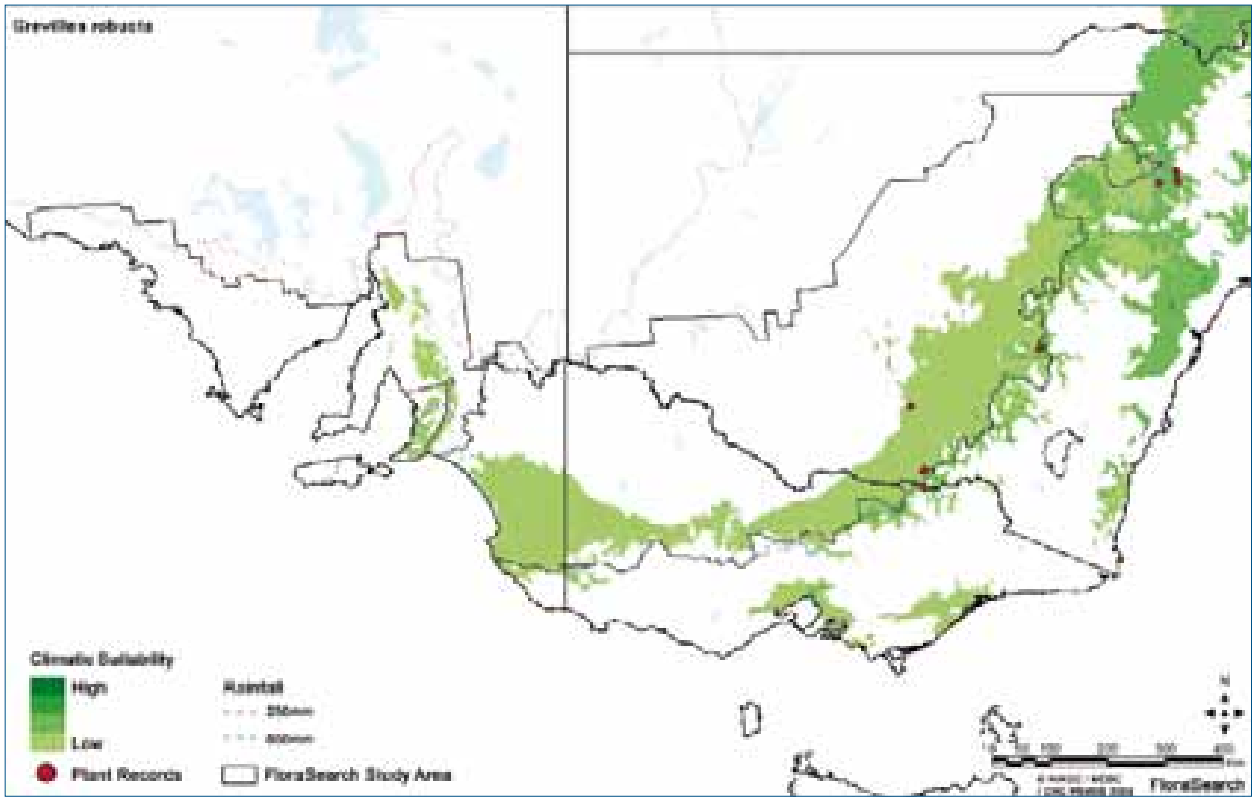
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Proteaceae	*Grevillea robusta*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
30	20				1	4	20	2	1	2	20	

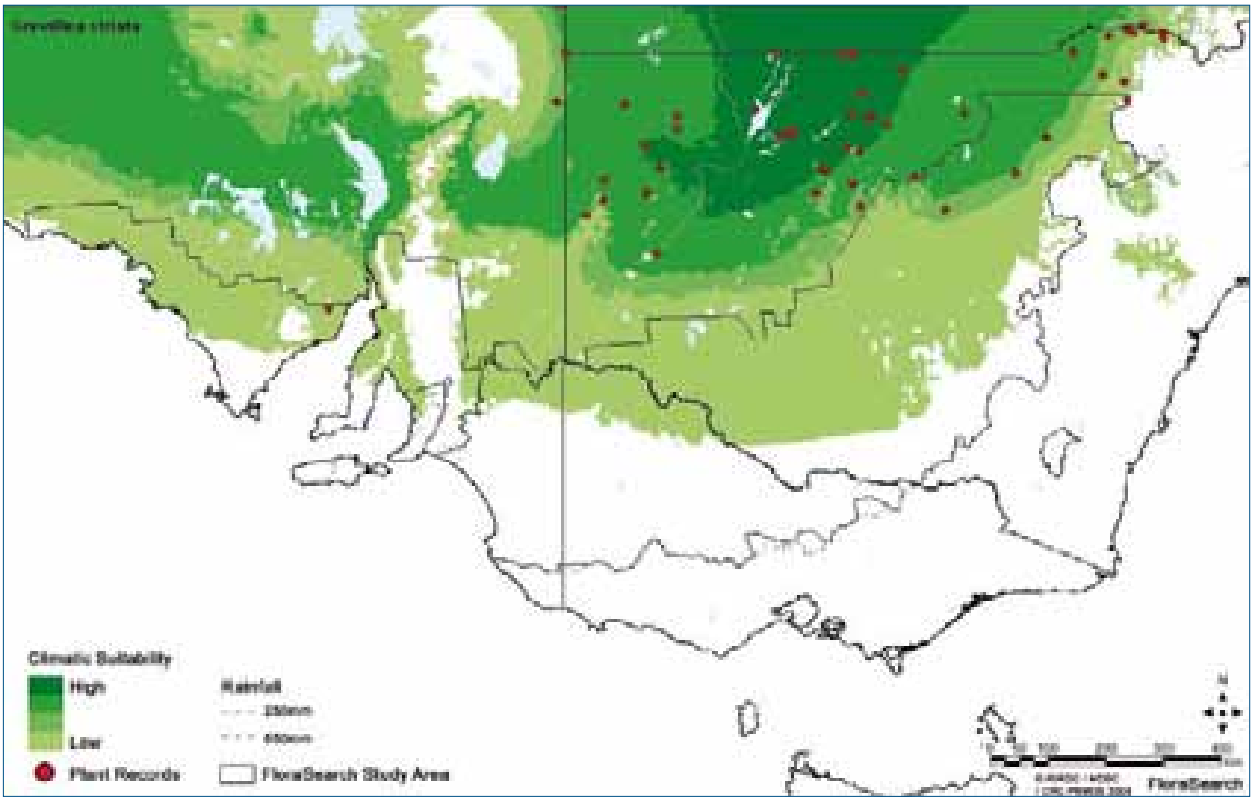
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	519 i									



Proteaceae	*Grevillea striata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	6		21	20	7	18	28	13	2	1	53	25

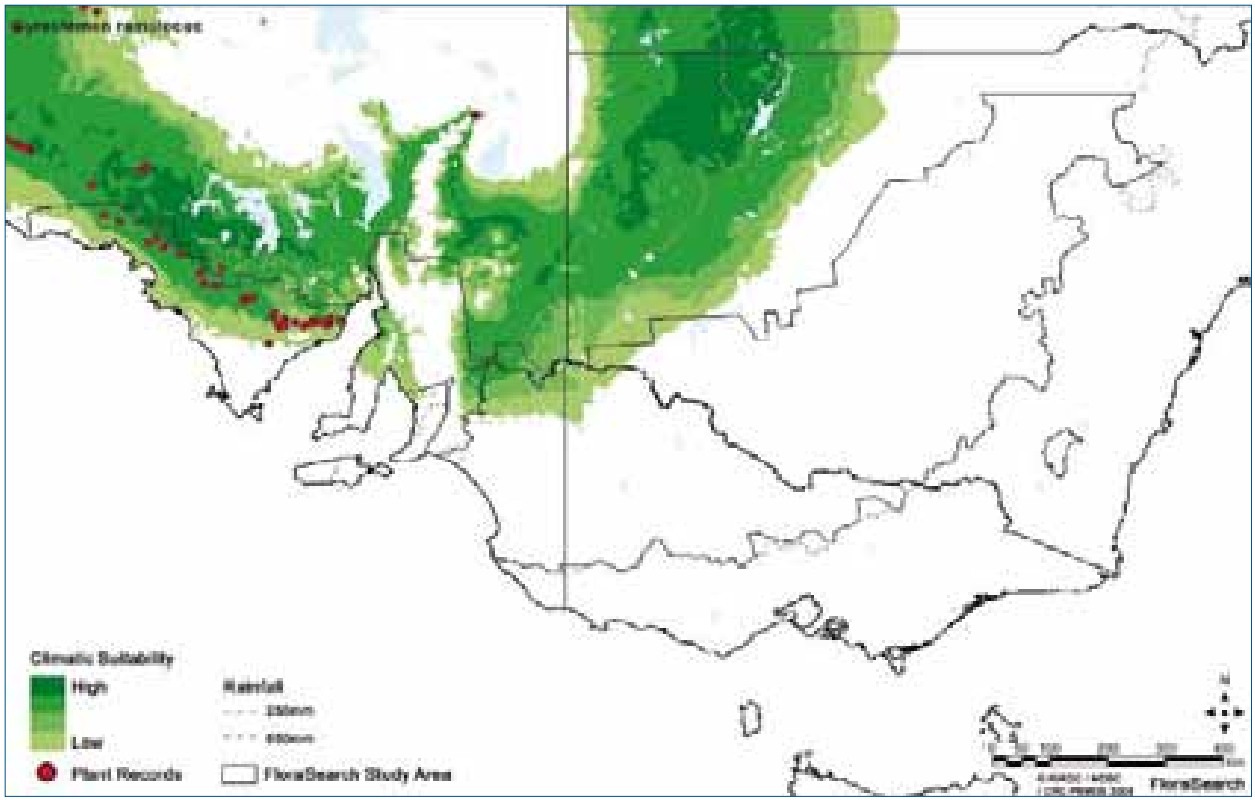
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.35	769	1.32		13.4	4.2		5.5	37	4.9	M



Gyrostemonaceae	*Gyrostemon ramulosus*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	3	15	35	8	3	1		57	2	3		

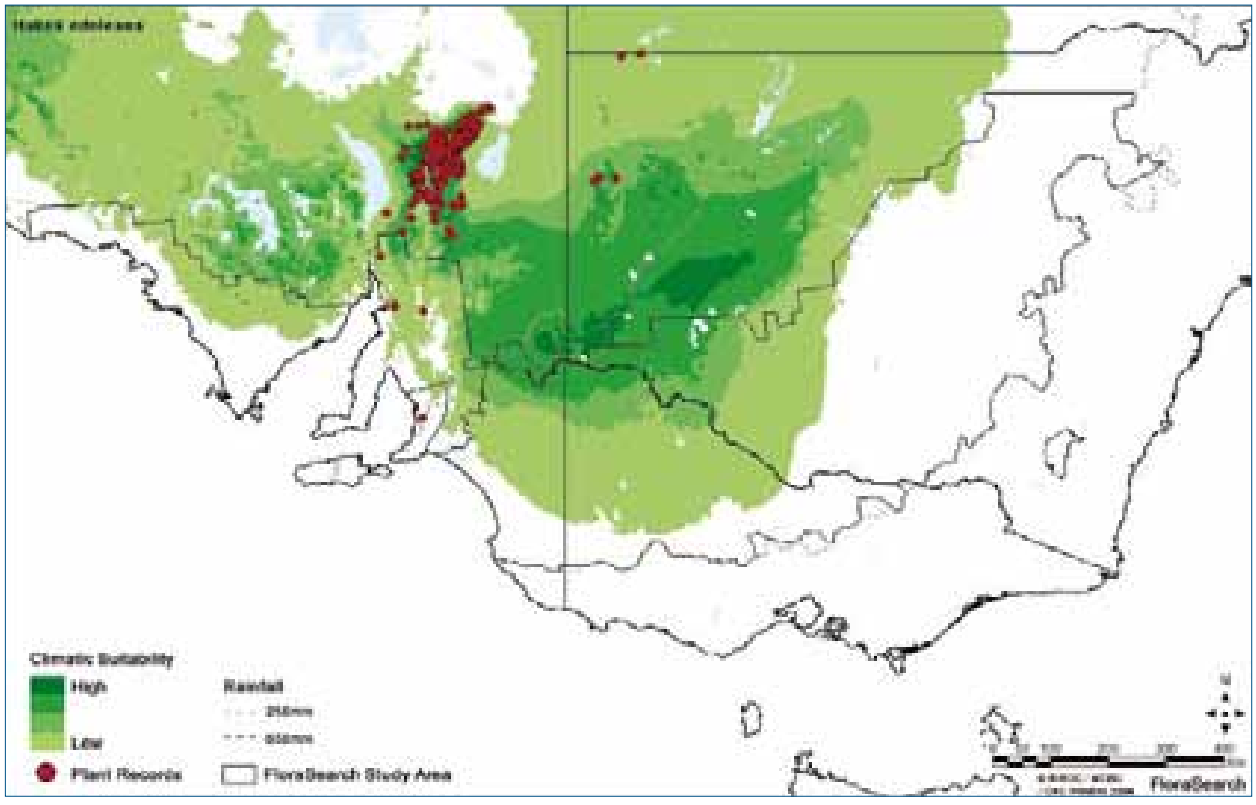
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	416 w		44.3	8.6	5.7					



Proteaceae	*Hakea ednieana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	4	9	41	2	1	1		5	9	34	6	

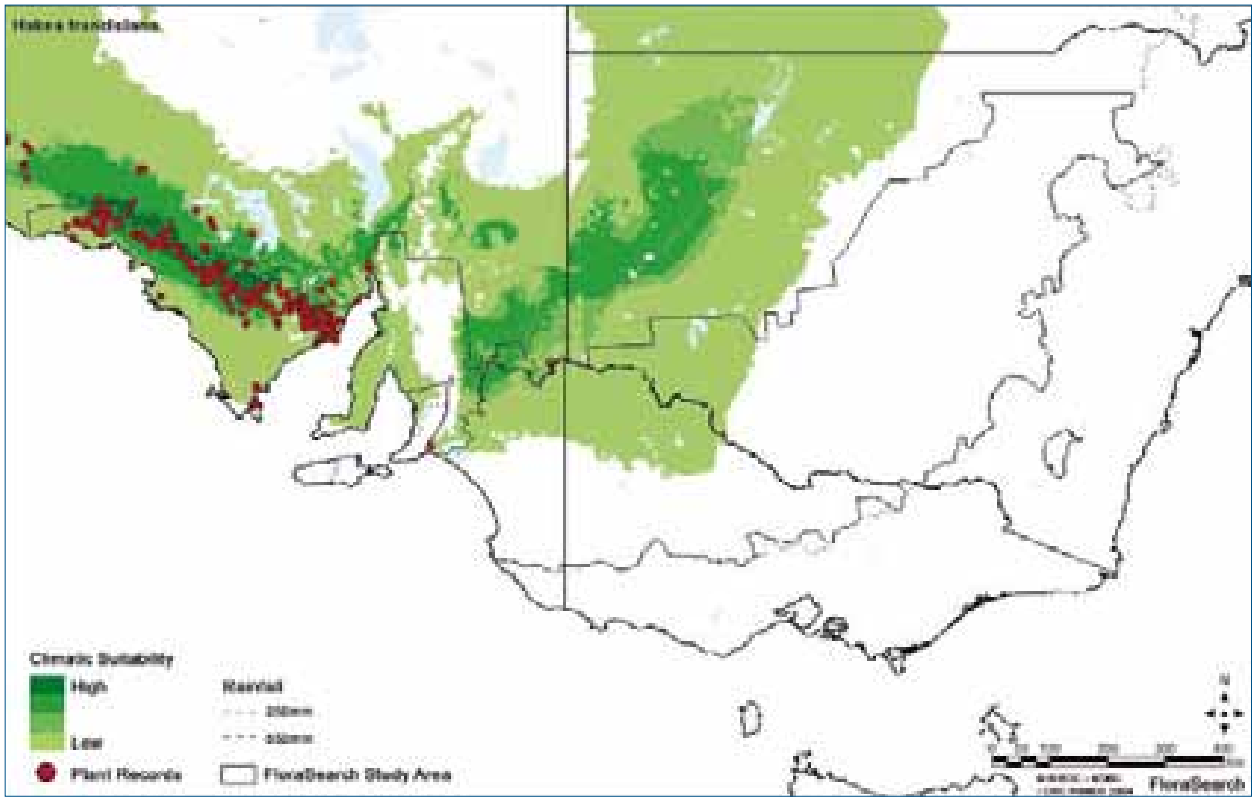
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Proteaceae	*Hakea francisiana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	5	63	250	19	2	1	1	294	5	37		

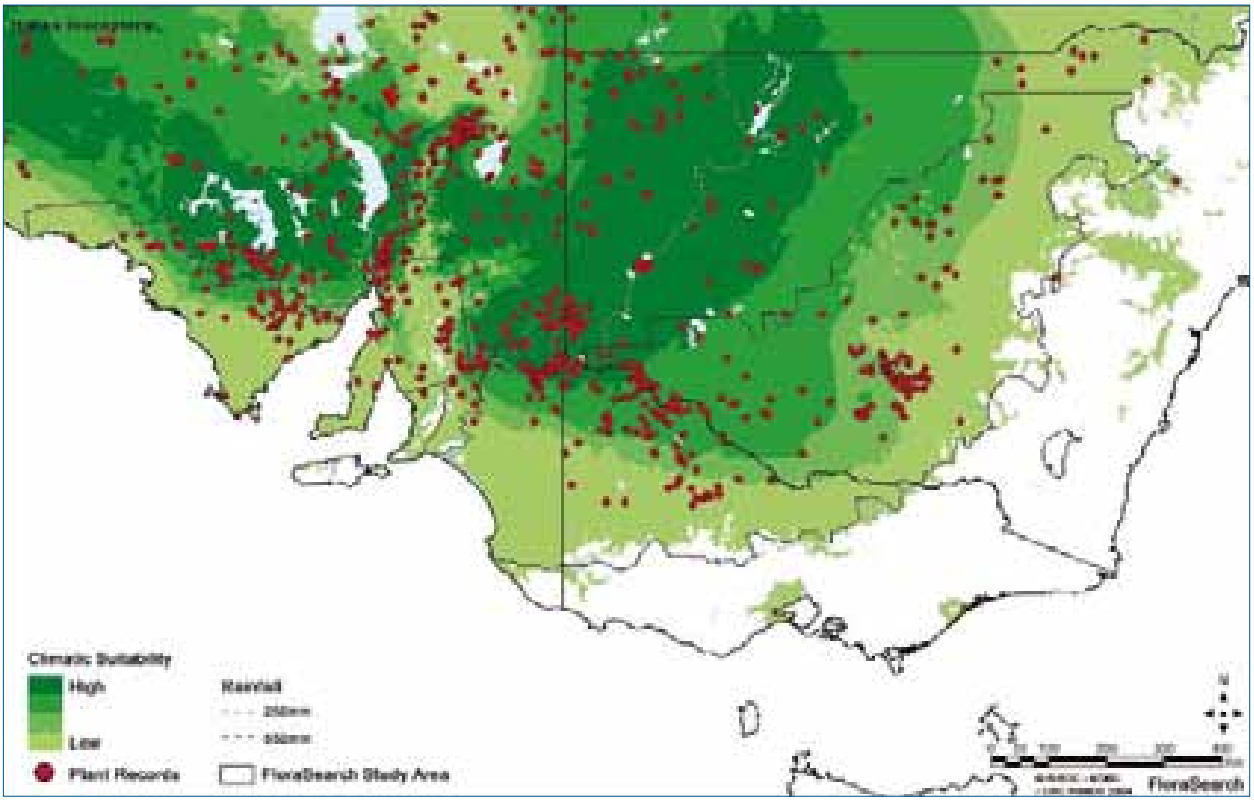
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	630 i									



Proteaceae	*Hakea leucoptera*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	4	167	334	149	67	8	4	289	39	175	129	97

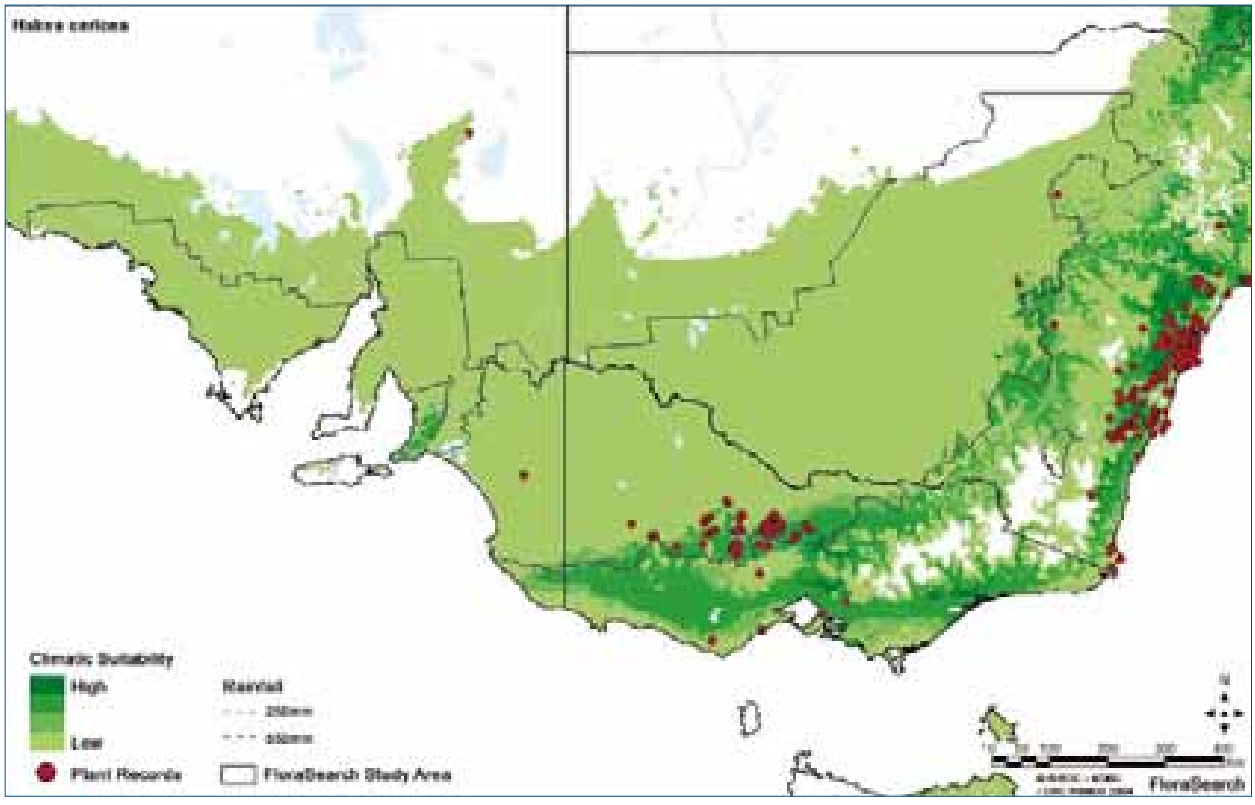
Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	754 i									



Proteaceae	*Hakea sericea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
7	4			2	94	28	218	73	70	179	17	3

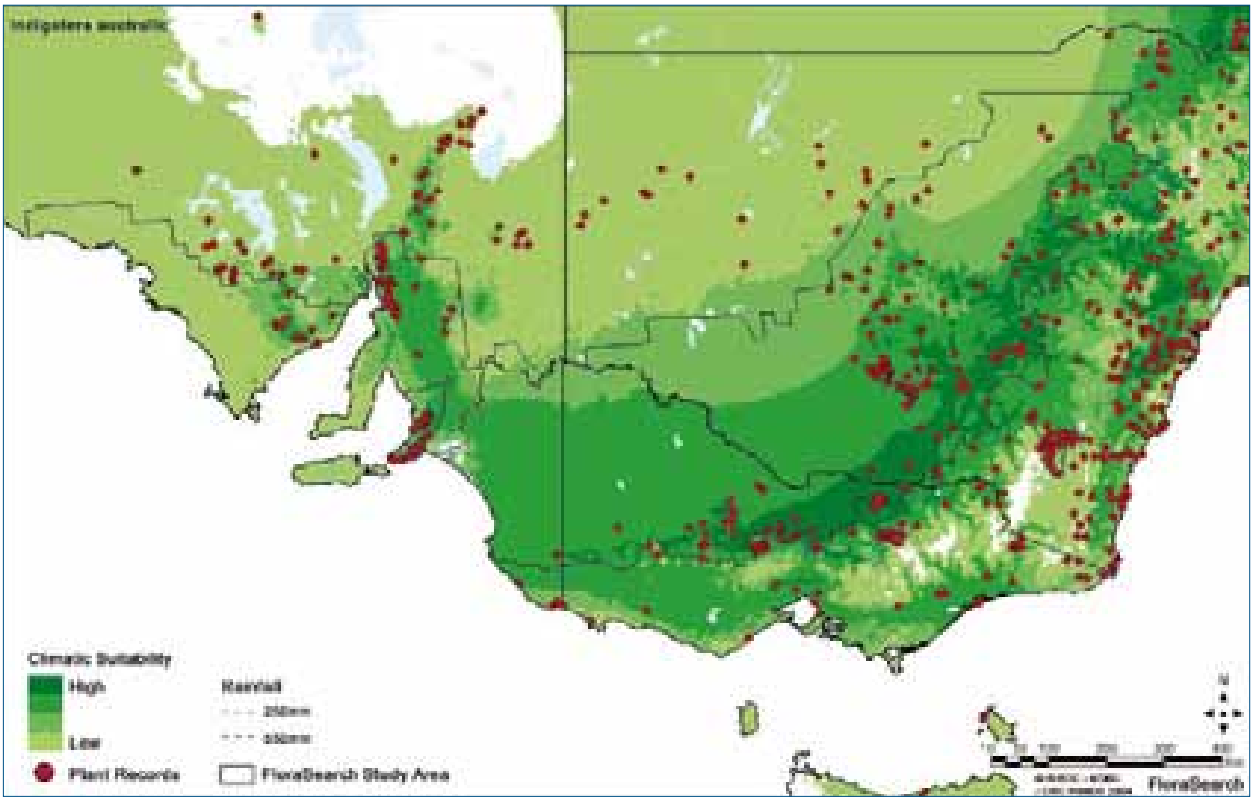
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.14				11.7	4.6					



Fabaceae	*Indigofera australis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3	14	45	119	143	97	442	191	102	378	167	22

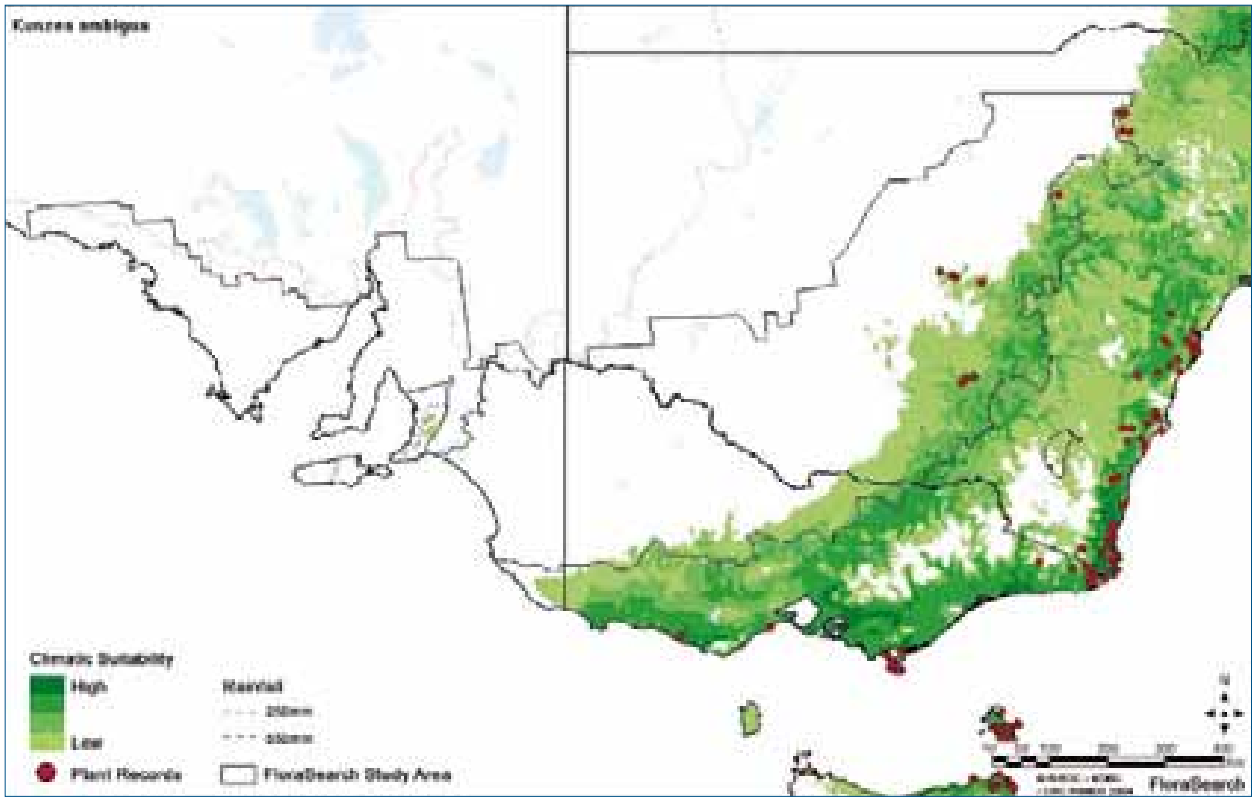
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
							20.9	70.2	10.2	H



Myrtaceae	*Kunzea ambigua*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	5			2	8	10	92	46	19	37	9	1

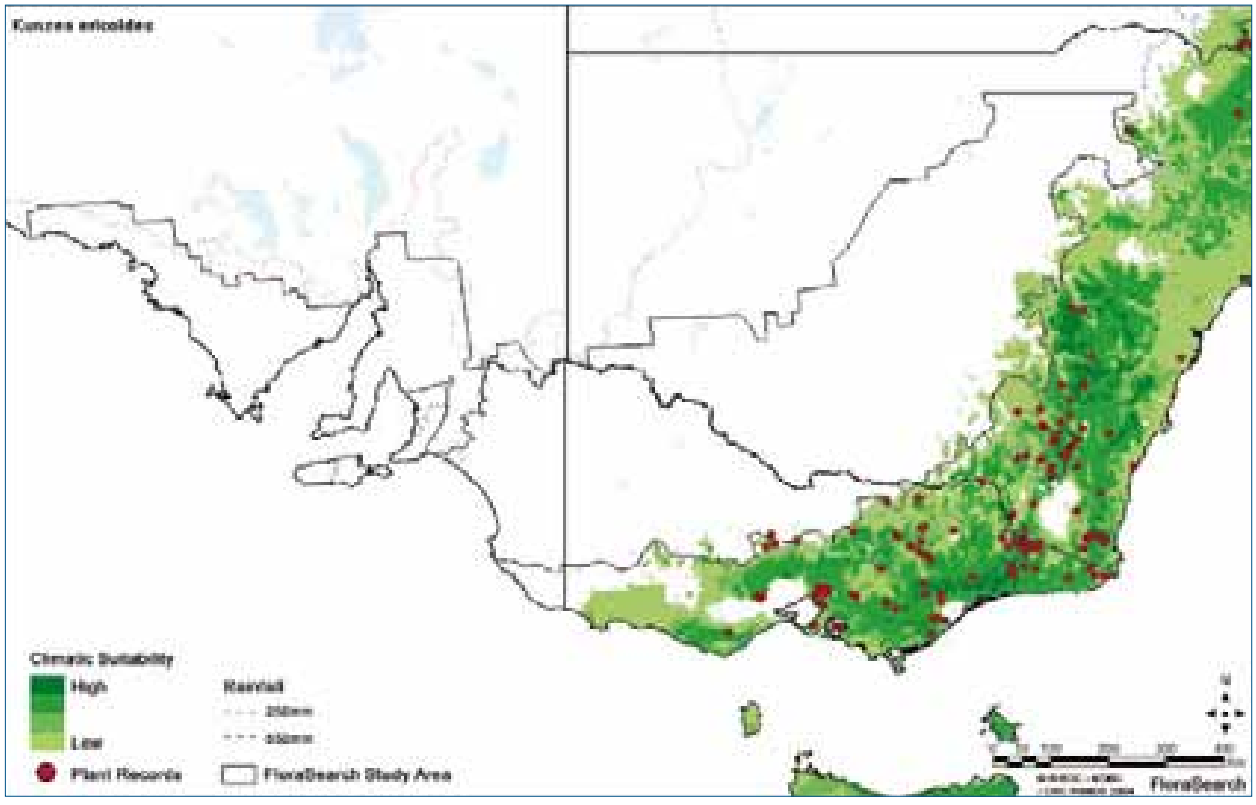
Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Kunzea ericoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	5		2			26	145	26	28	69	50	

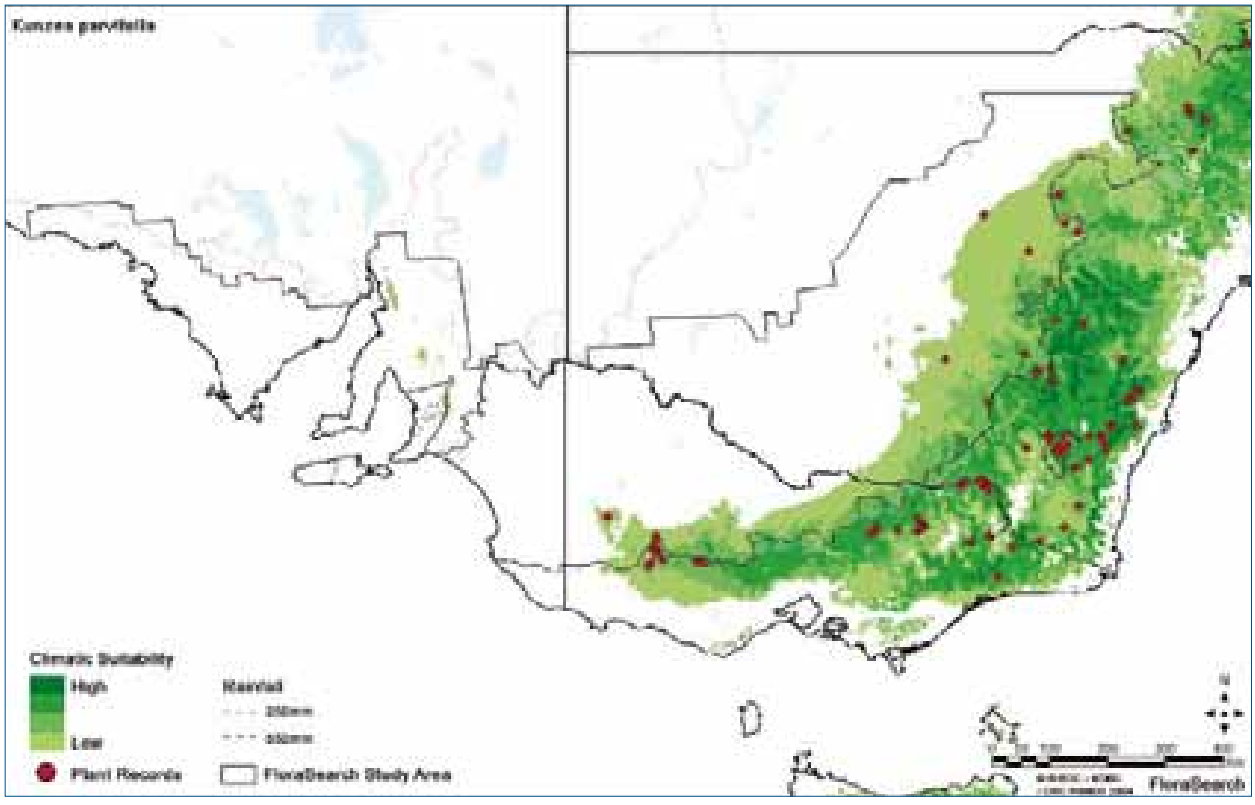
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Kunzea parvifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2.5	3			1	3	10	104	23	20	43	30	2

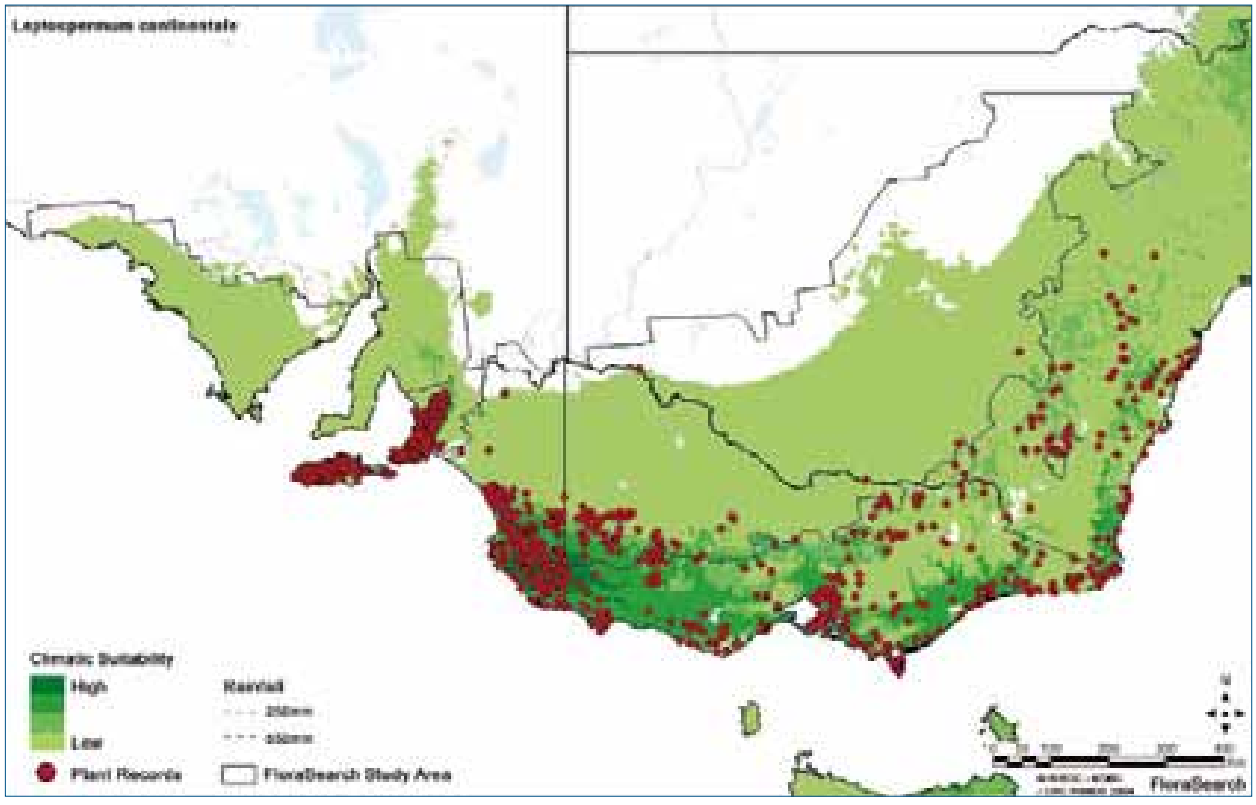
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Leptospermum continentale*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	4		2	35	217	249	1227	736	497	377	106	14

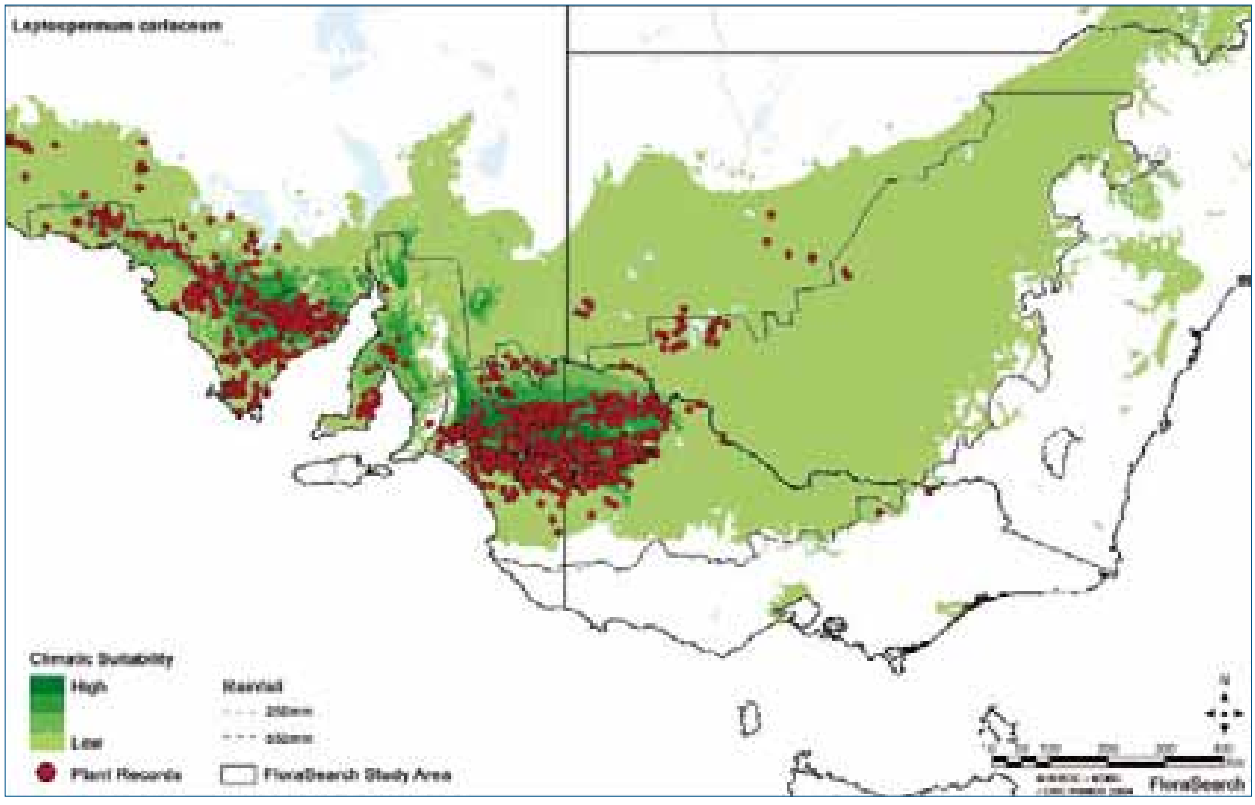
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.5	635	0.27		9.1	4.7					



Myrtaceae	*Leptospermum coriaceum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	4	115	1182	687	55	2	3	1763	141	70	46	24

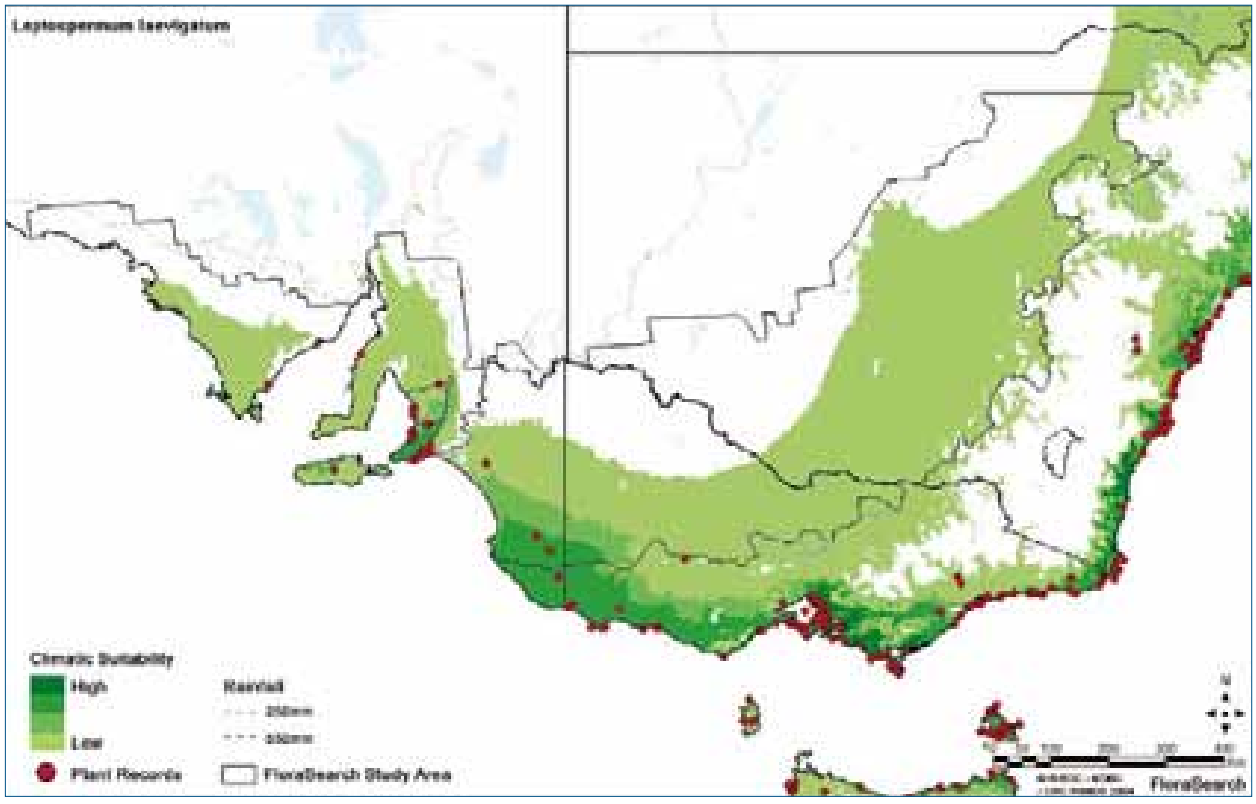
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
4.09	701	2.3		8.7	4.9					



Myrtaceae	*Leptospermum laevigatum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
8	8		1	9	9	28	222	148	43	51	25	2

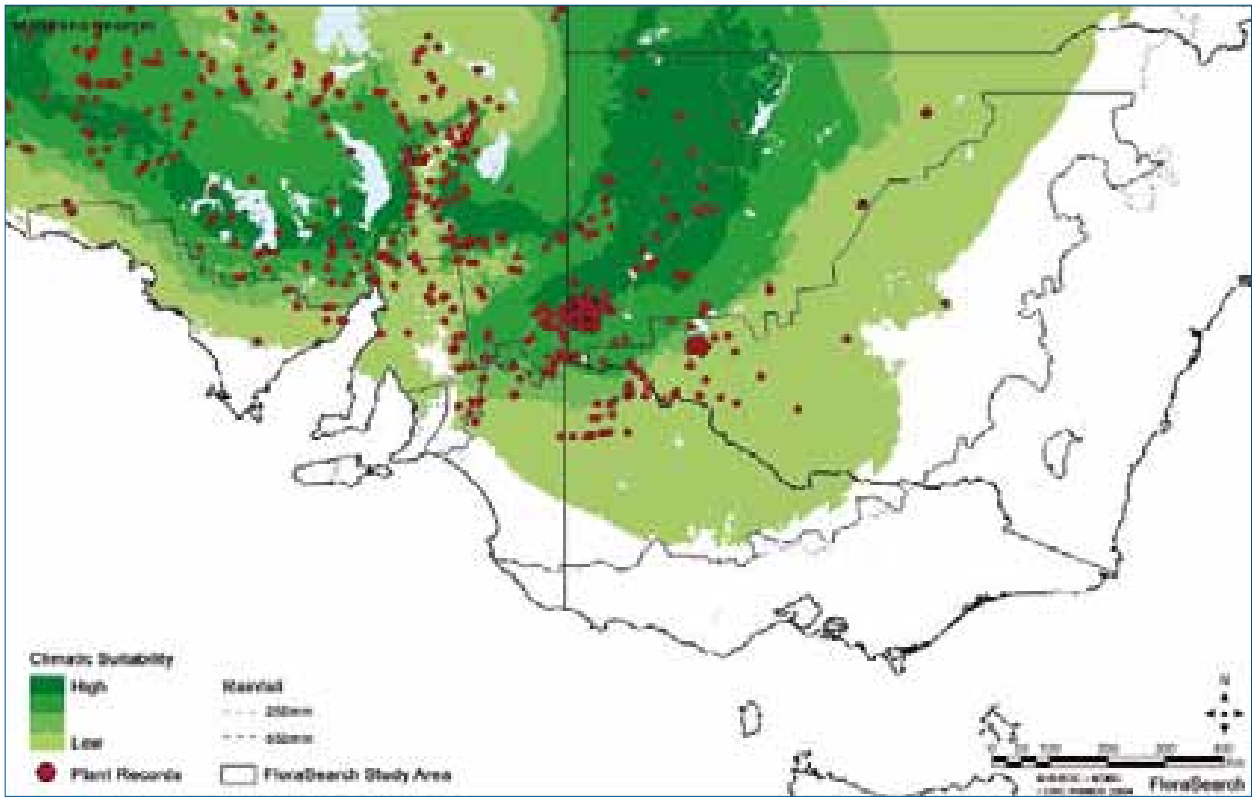
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.12	741	1.75		6.7	4.6					



Chenopodiaceae | *Maireana georgei*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
0.6	1	330	232	27	2	2	2	271	51	142	82	49

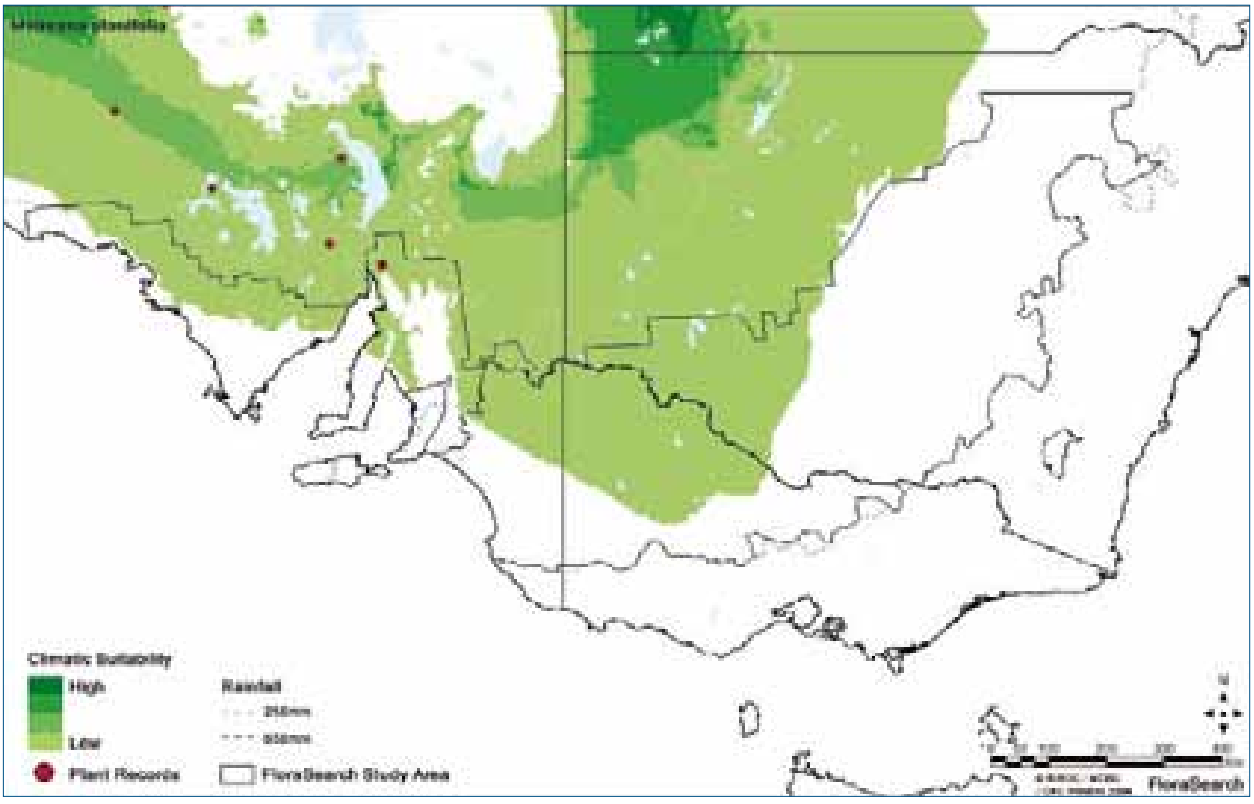
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H



Chenopodiaceae | *Maireana planifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
1	1.3	13	5	1	1			12	1	6	1	

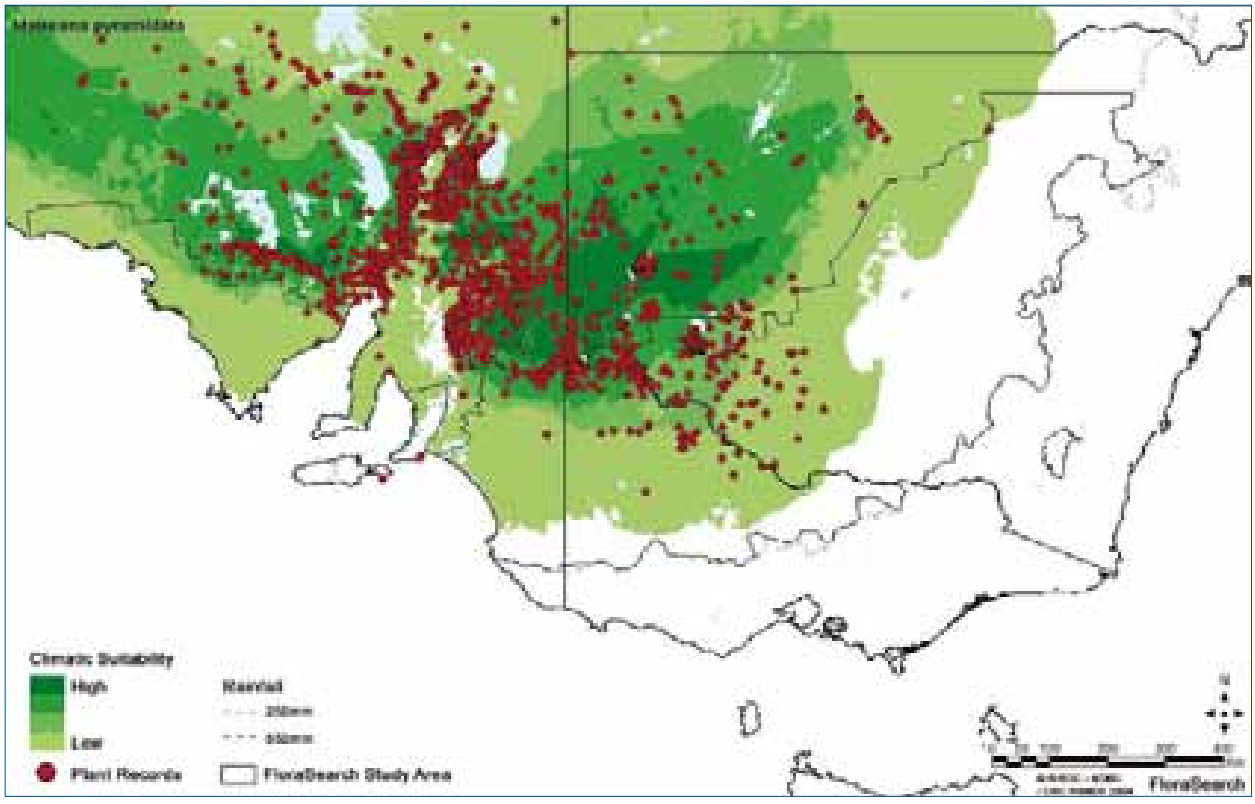
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H

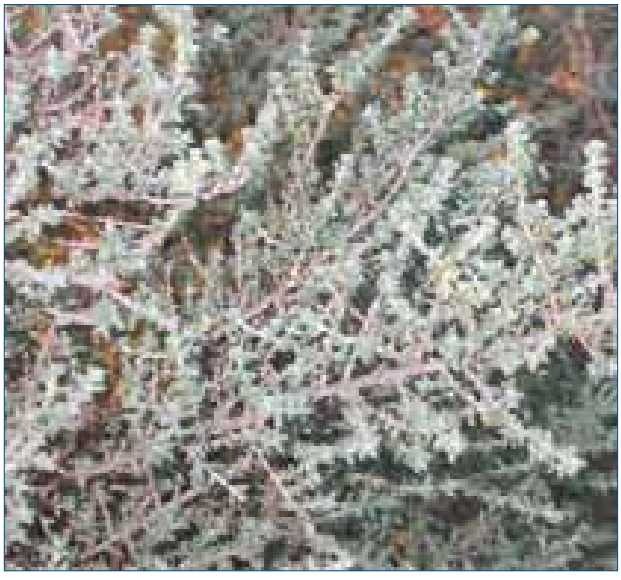


Chenopodiaceae | *Maireana pyramidata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2	658	803	48	3	1		254	79	650	291	239

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	450 e						25.8	68.5	9.9	M

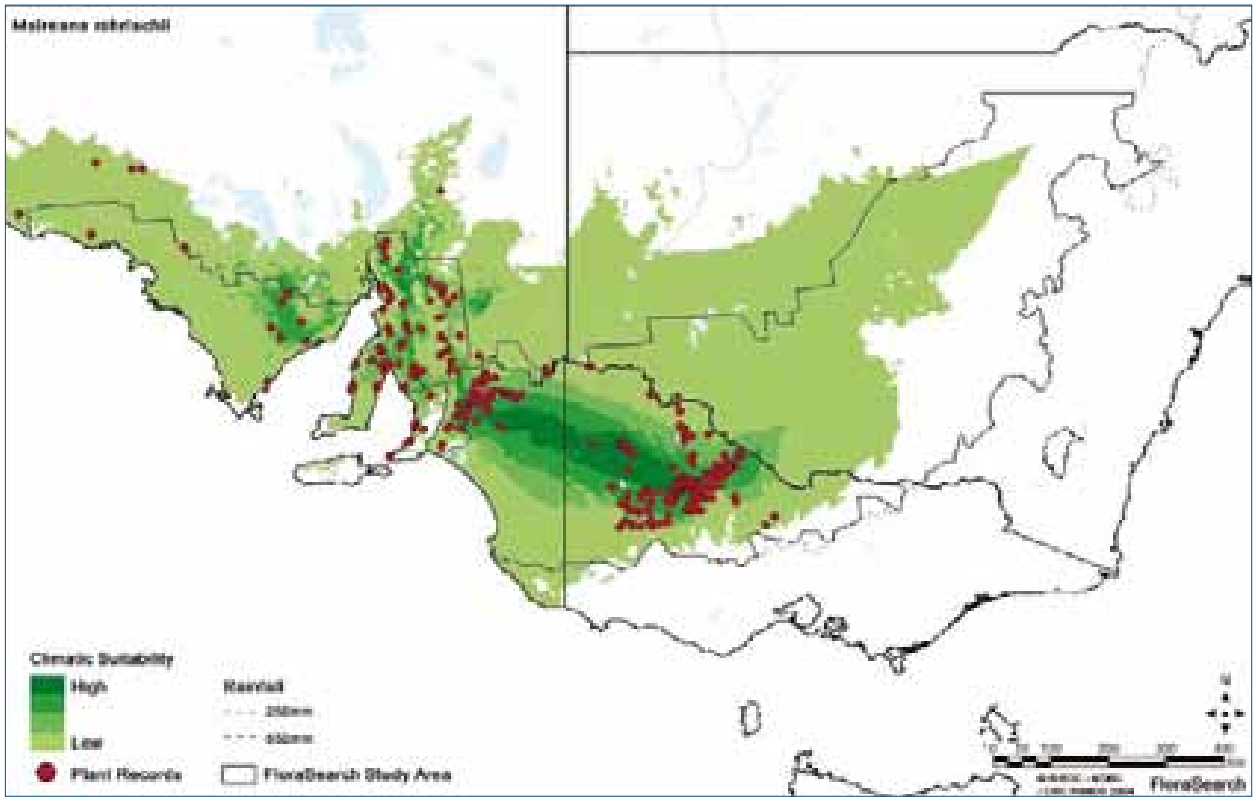




Chenopodiaceae | *Maireana rohrlachii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
1	1	8	146	176	18	11	2	144	39	7	78	93

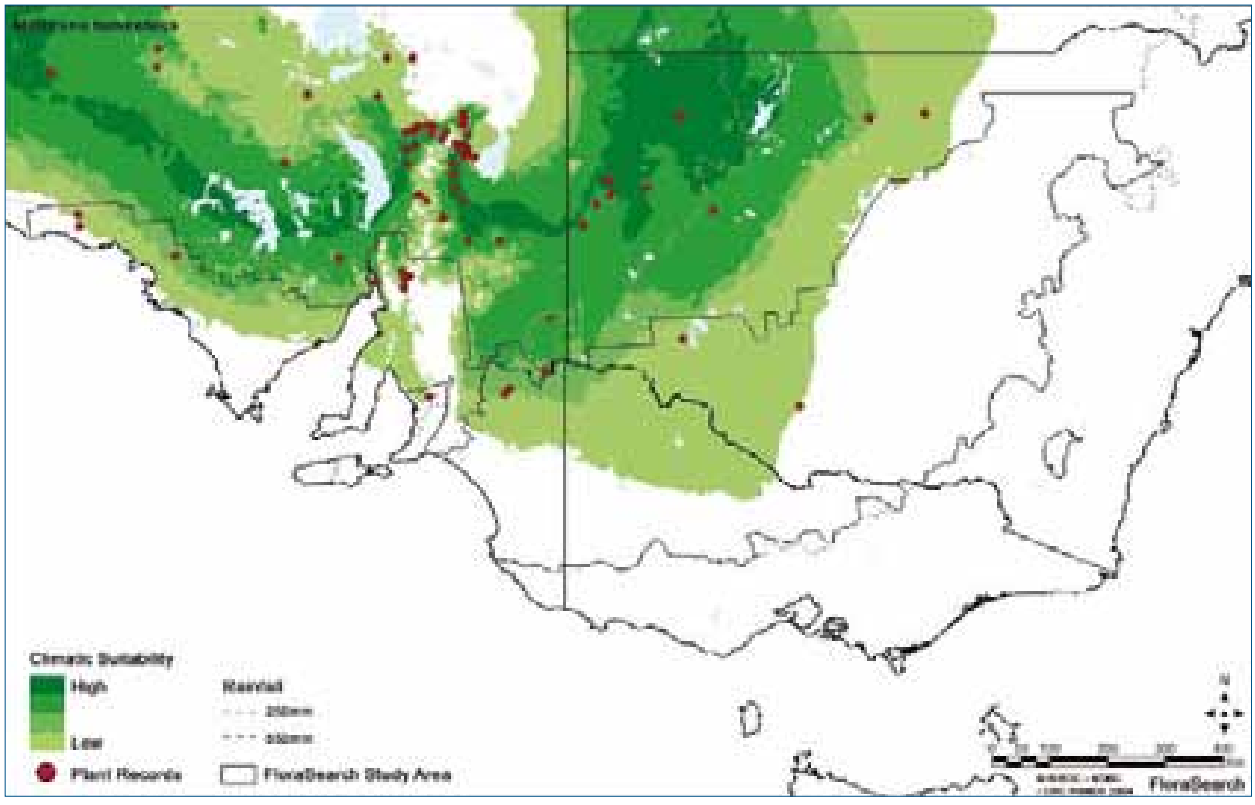
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
0.09							27.3	64.7	9.3	H



Chenopodiaceae *Maireana tomentosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
1	1.5	13	21	11				19	4	9	7	6

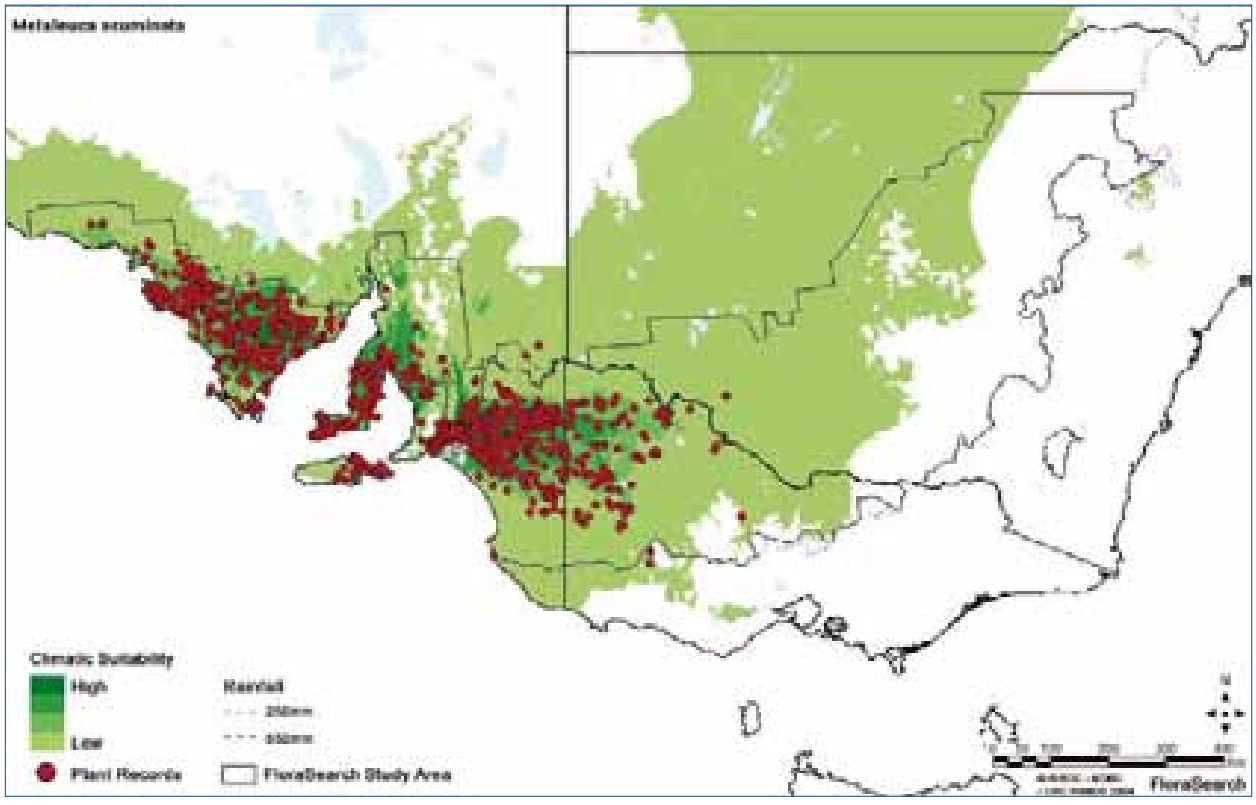
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
										H



Myrtaceae	*Melaleuca acuminata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	3	3	778	753	134	22	7	1324	315	11	29	18

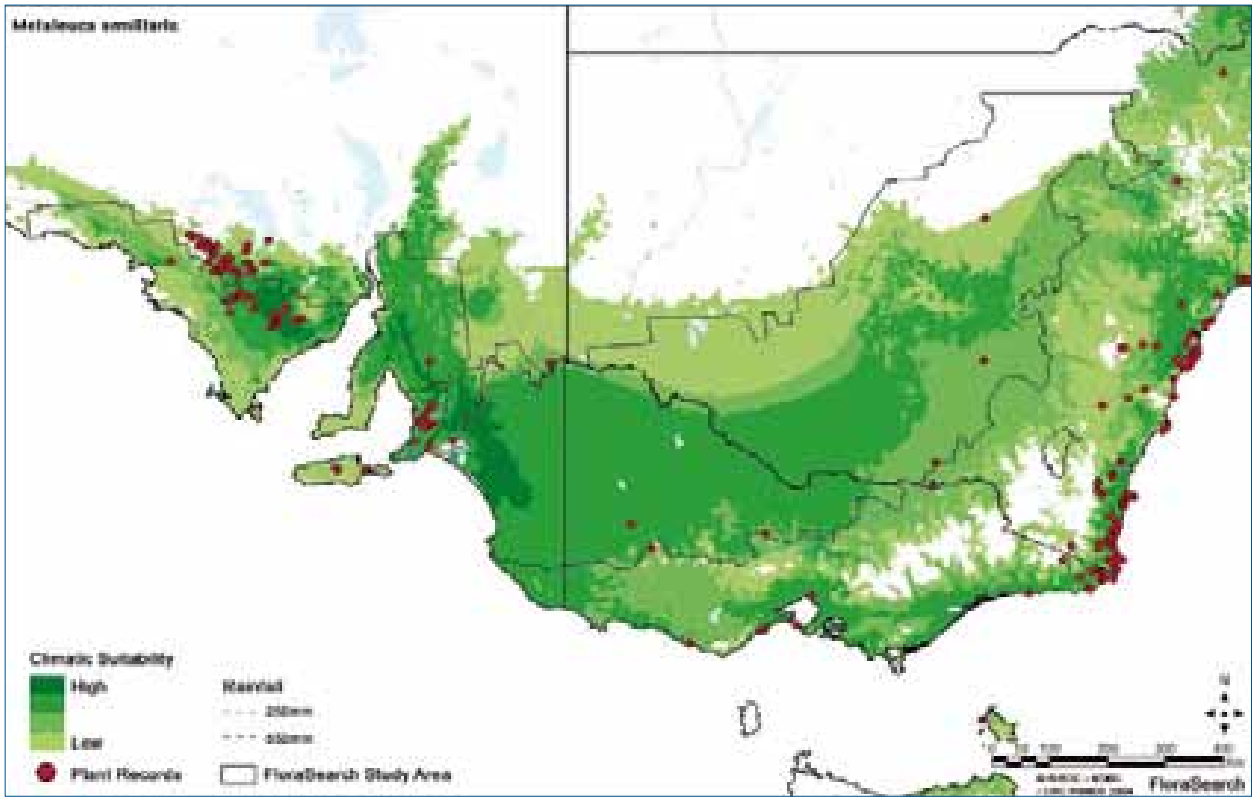
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.47										



Myrtaceae	*Melaleuca armillaris*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	23	113	36	3	11	176	230	30	73	27	2

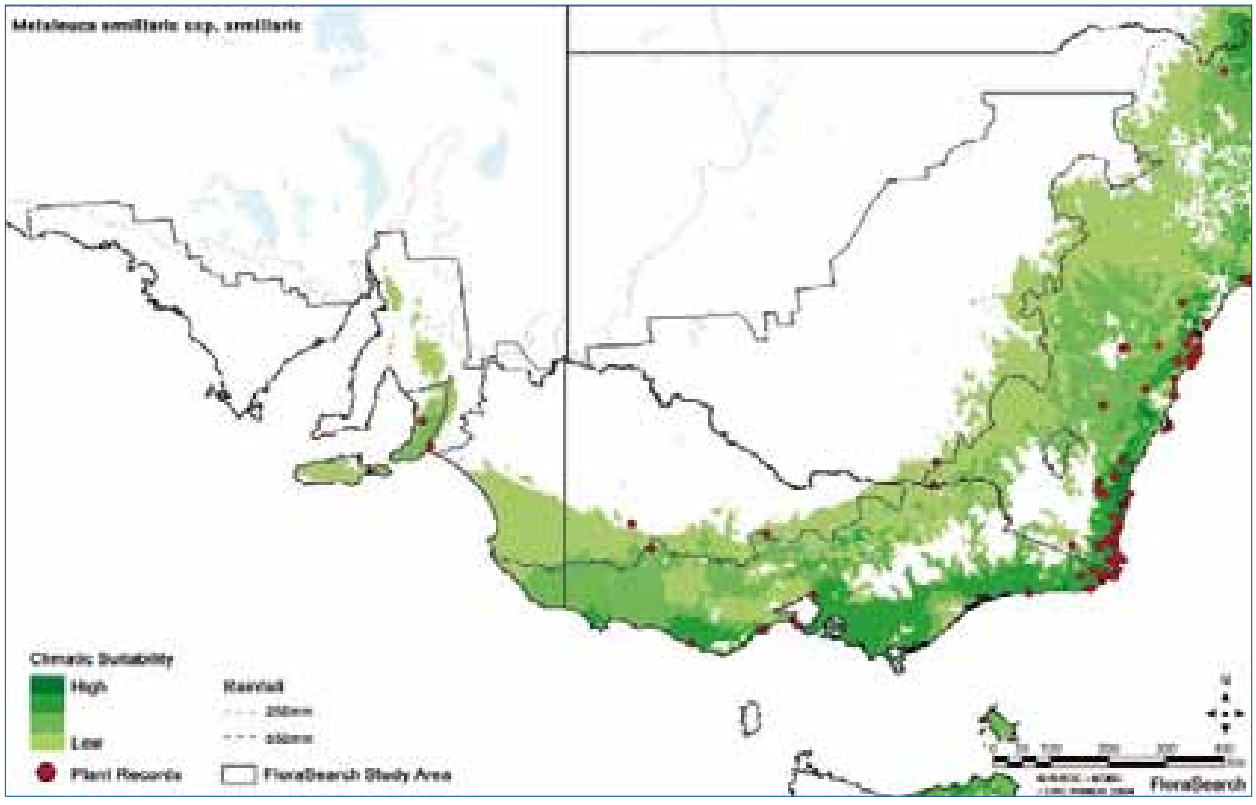
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
14.79	576	7.02	43.0	12.5	4.8					



Myrtaceae	*Melaleuca armillaris* ssp. *armillaris*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	23	113	1	1	6	100	44	14	29	19	2

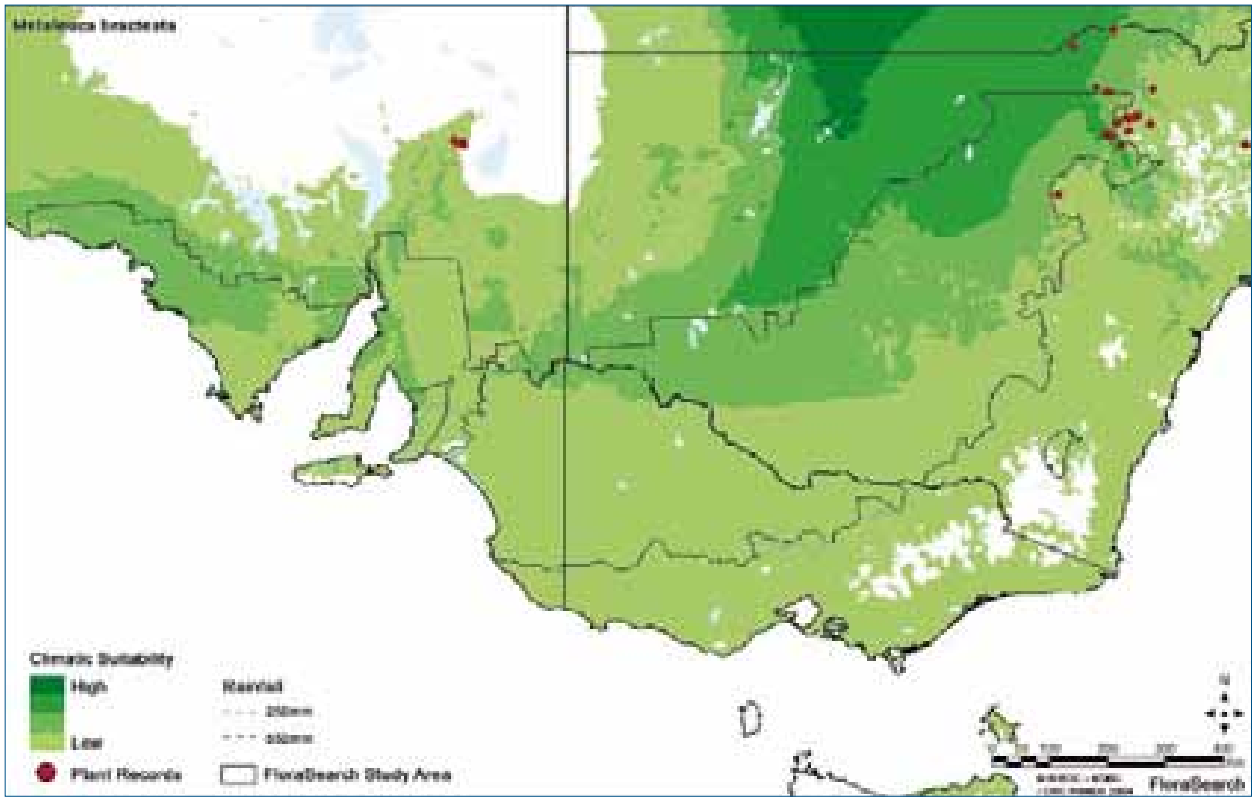
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
14.79	576	7.02	43.0	12.5	4.8					



Myrtaceae	*Melaleuca bracteata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
15	12				10	31	110	20	5	11	84	31

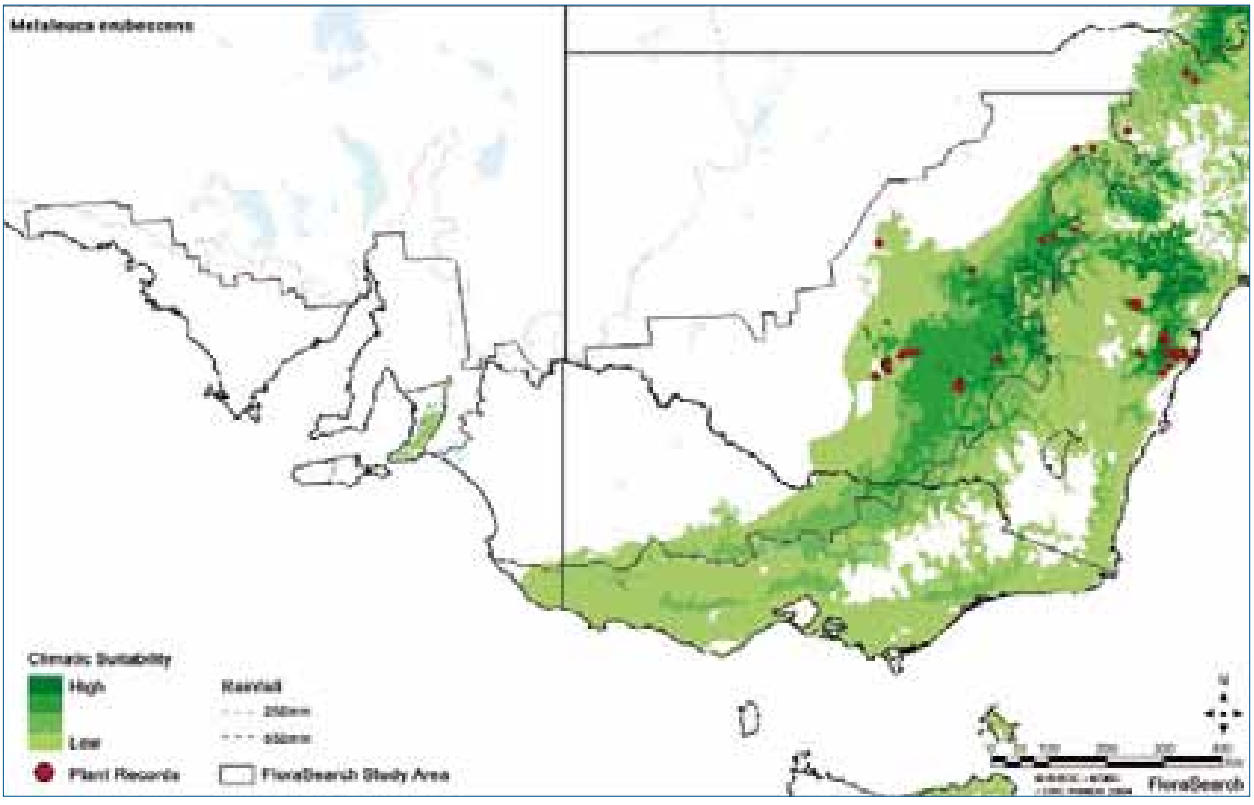
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	780 i									



Myrtaceae	*Melaleuca erubescens*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	3			19	25	9	32	5	3	61	16	

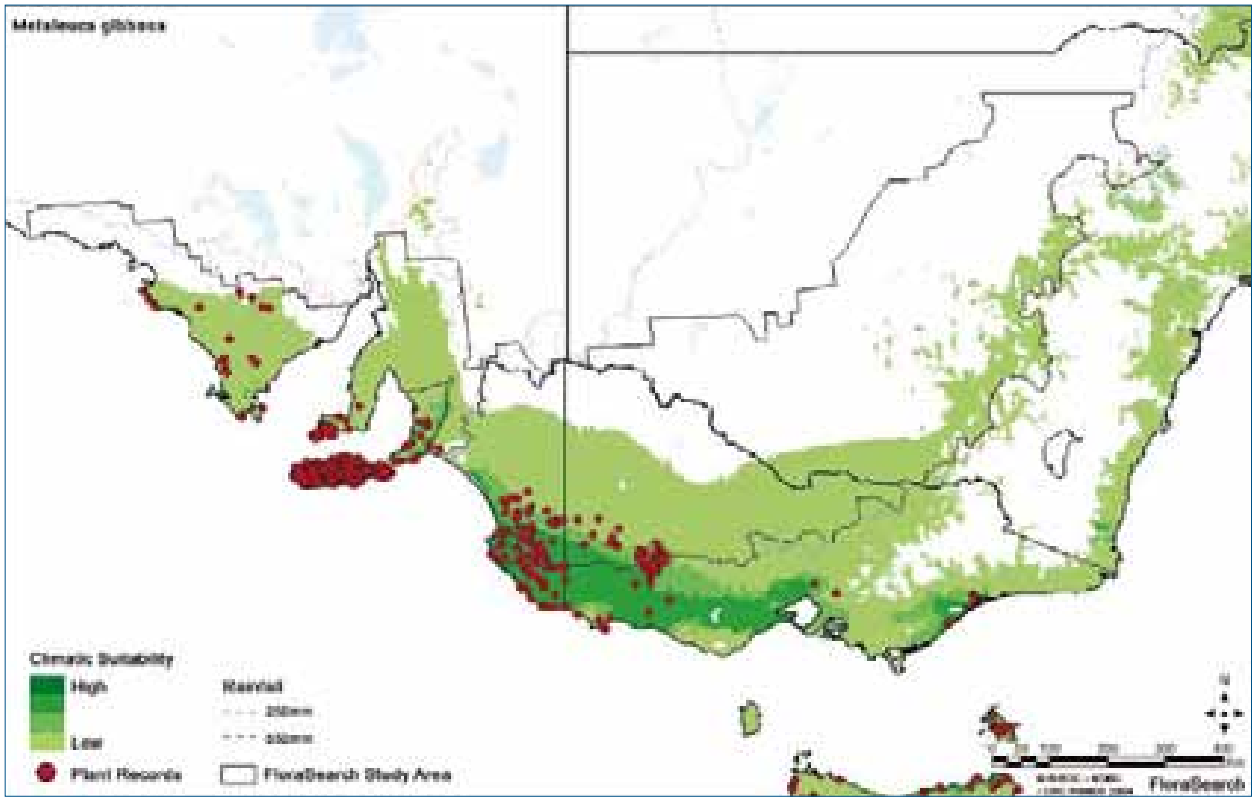
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Melaleuca gibbosa*

Growth Form [m]		**Annual Rainfall [mm] – No. of Records**						**Surface Soil Texture – No. of Records**				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2		6	67	261	263	349	527	305	90	24	

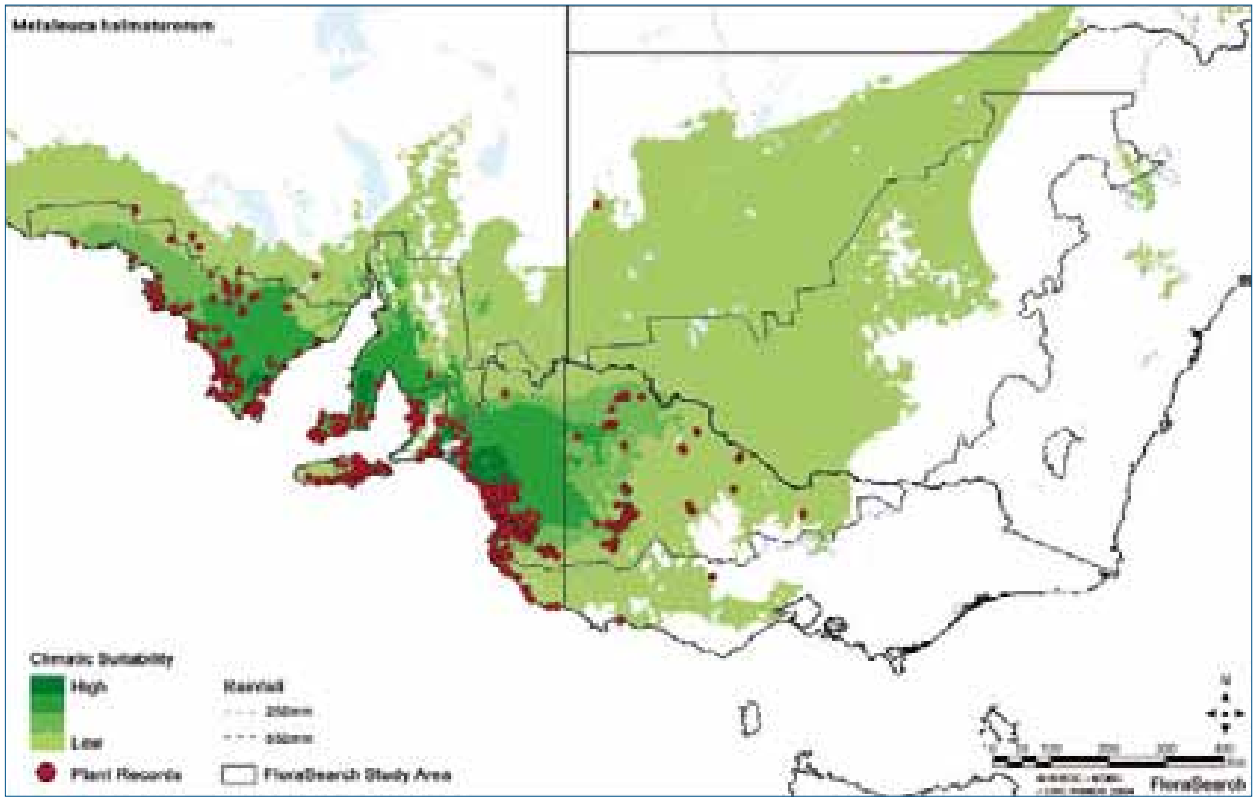
Productivity			**Pulp and Fibres**			**Oils**	**Fodder**			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Melaleuca halmaturorum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	8	99	270	334	119	50	602	168	39	23	48

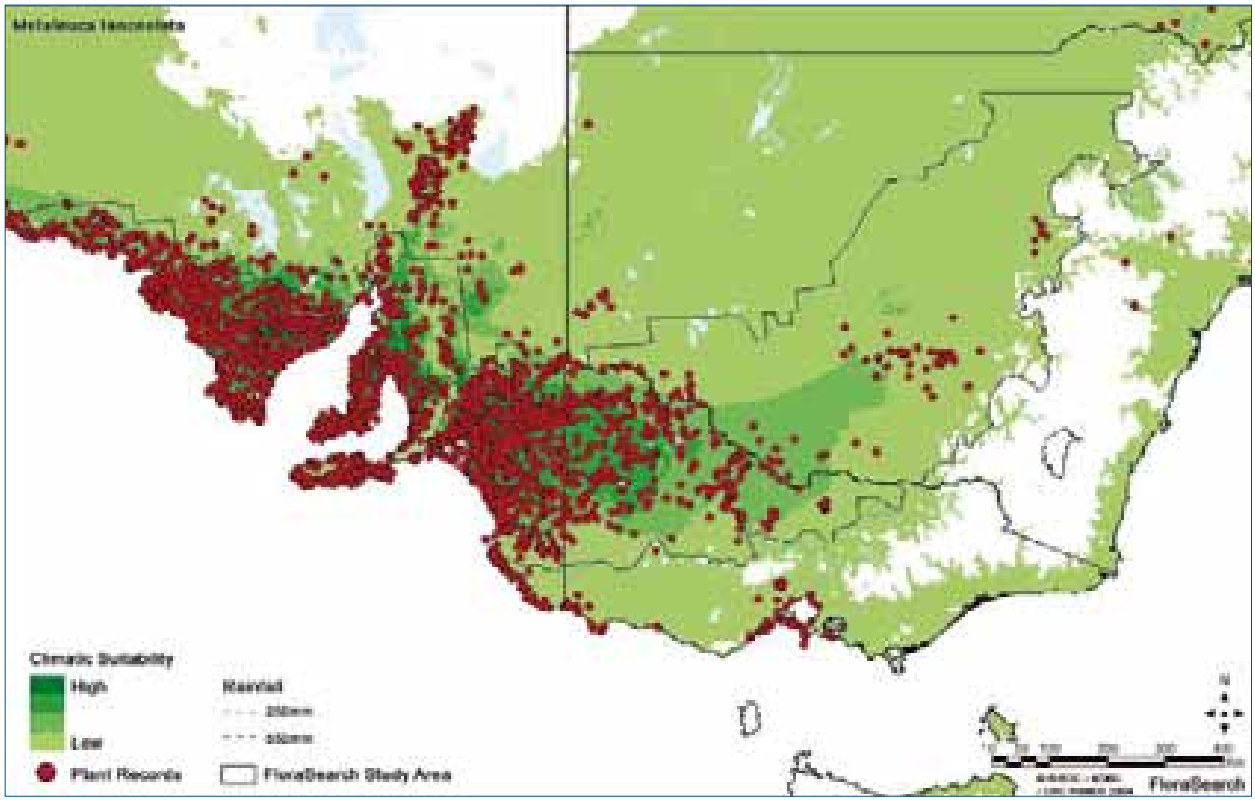
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.16	690	3.31	40.4	8.6	4.7					



Myrtaceae	*Melaleuca lanceolata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	158	1850	1291	873	303	271	3185	813	312	234	202

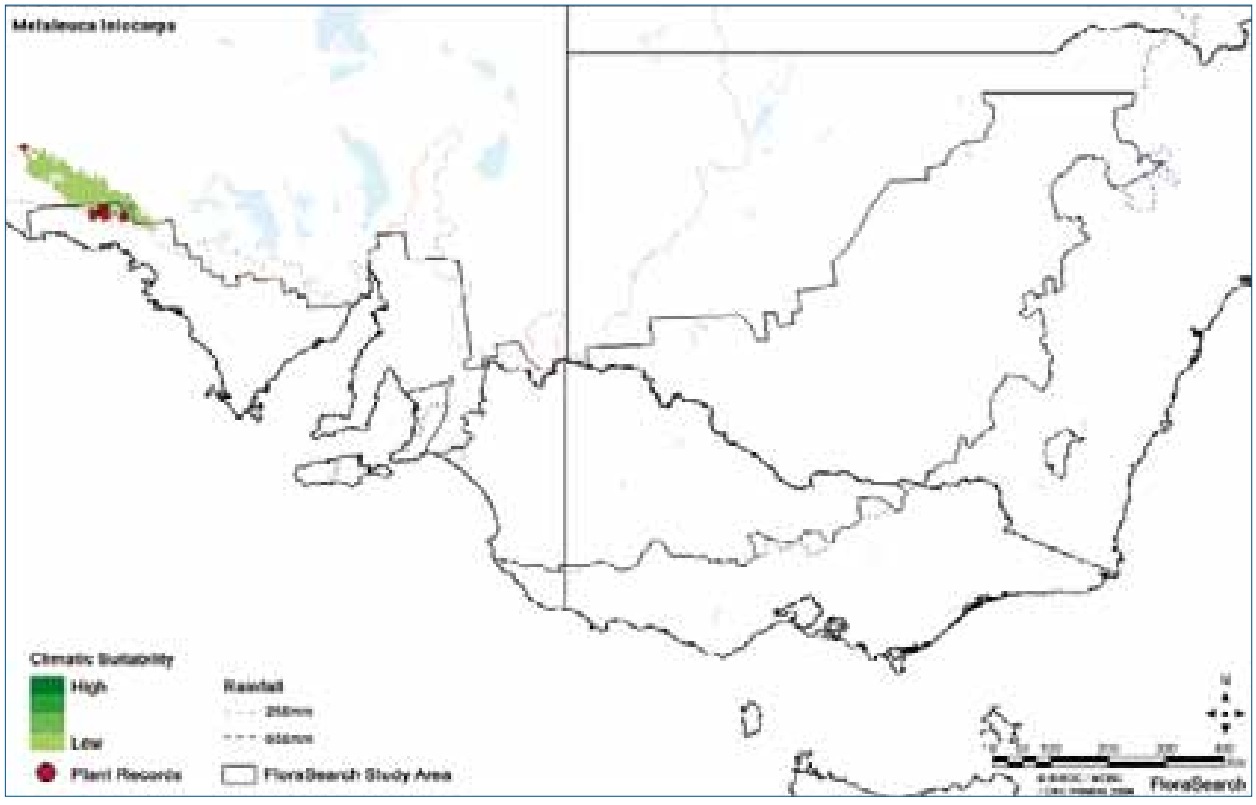
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.41	680	3.71	39.4	5.8	5.5					



Myrtaceae	*Melaleuca leiocarpa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2.5	14						10		4		

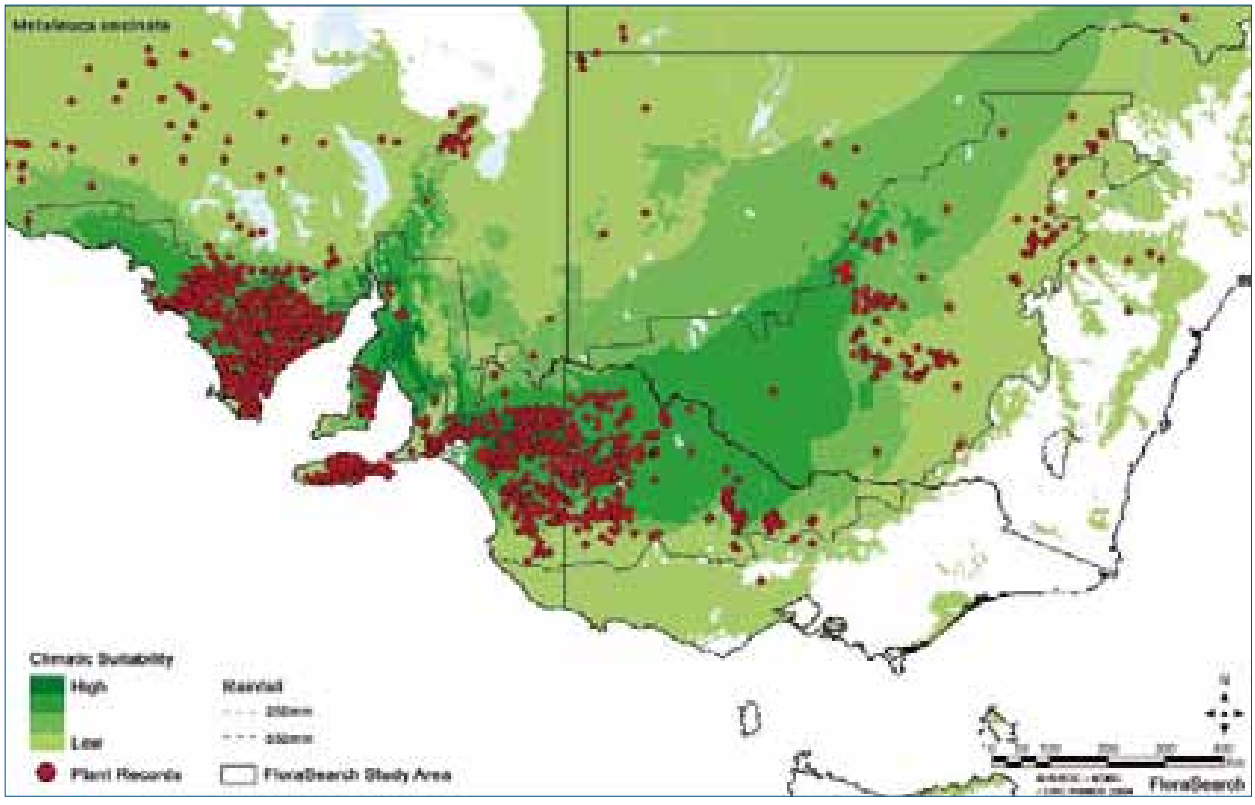
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Myrtaceae	*Melaleuca uncinata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	3.5	60	985	853	511	183	71	1891	363	149	195	65

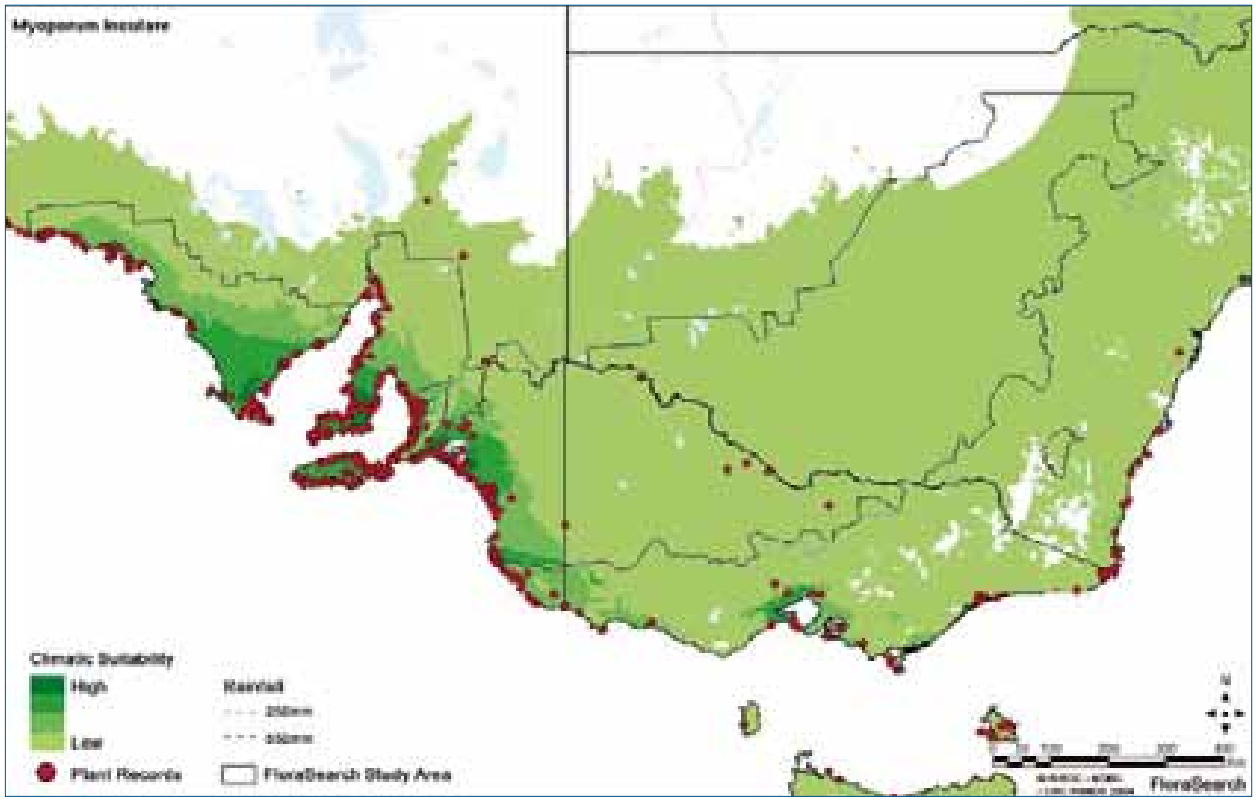
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.82	650	1.52	39.5	4.6	5.7					



Myoporaceae | *Myoporum insulare*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
13	8	9	83	143	196	109	99	407	158	31	25	18

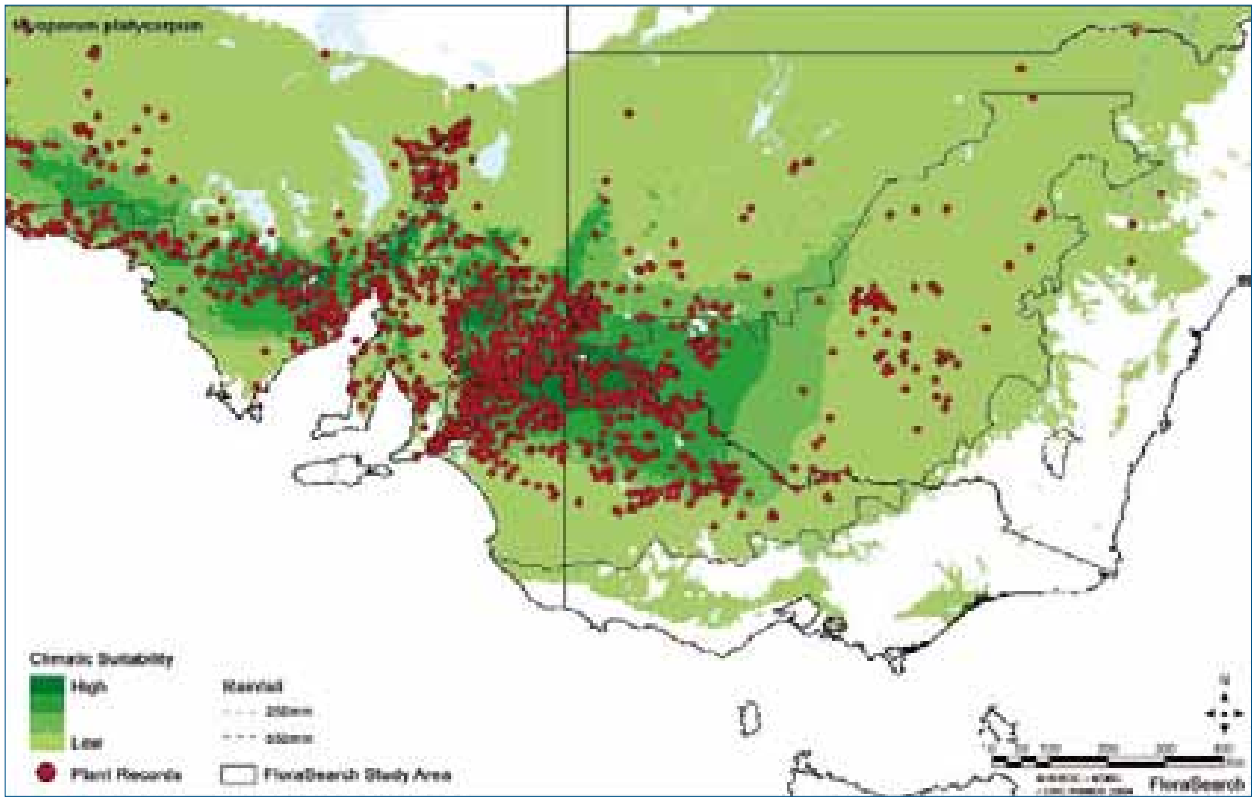
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
3.63	713	1.78	44.2	10.4	4.9					

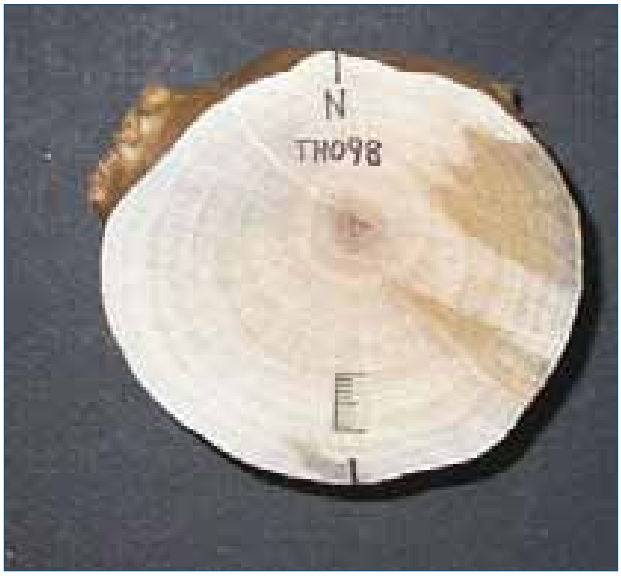


Myoporaceae	*Myoporum platycarpum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	8	522	1200	353	74	7	4	1133	156	538	227	106

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
3.73	685	2.15	49.8	5	4.8		10.2	57.9	8.2	H

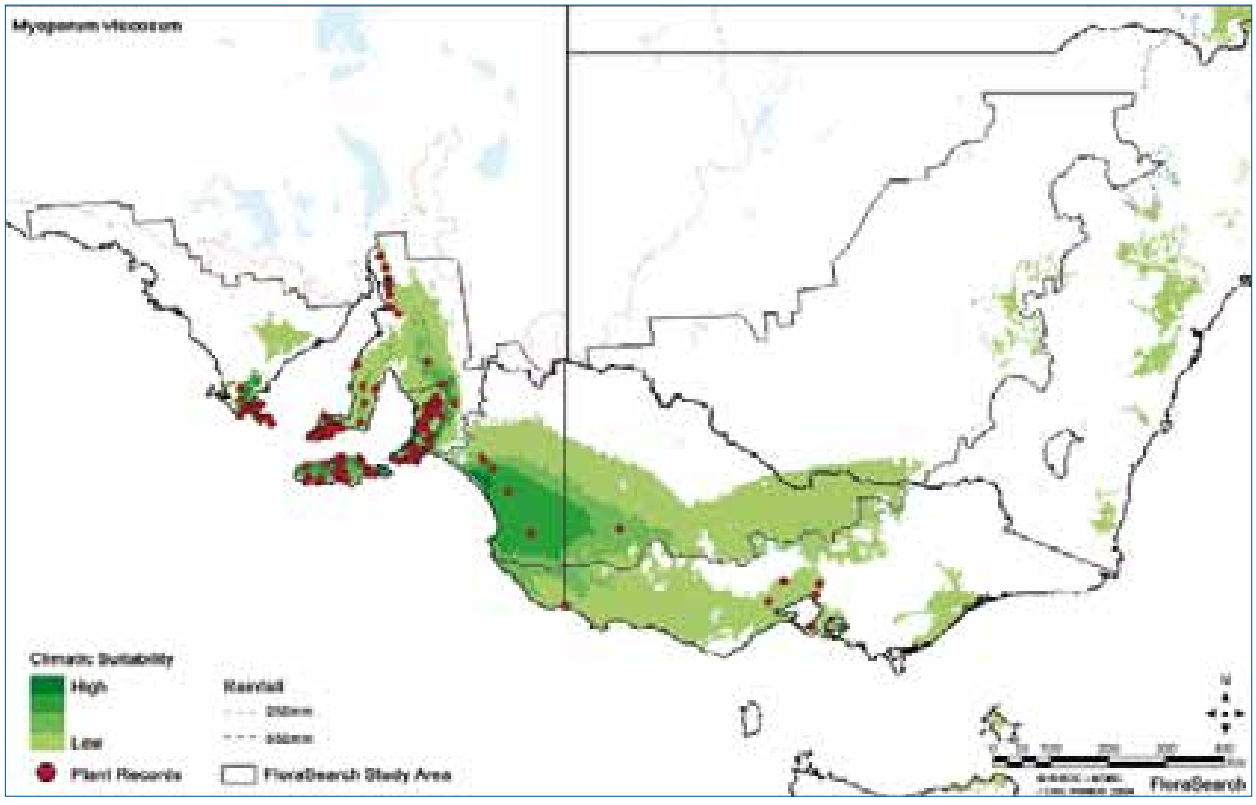




Myoporaceae | *Myoporum viscosum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
2.5	3		1	31	62	34	68	48	116	16	16	

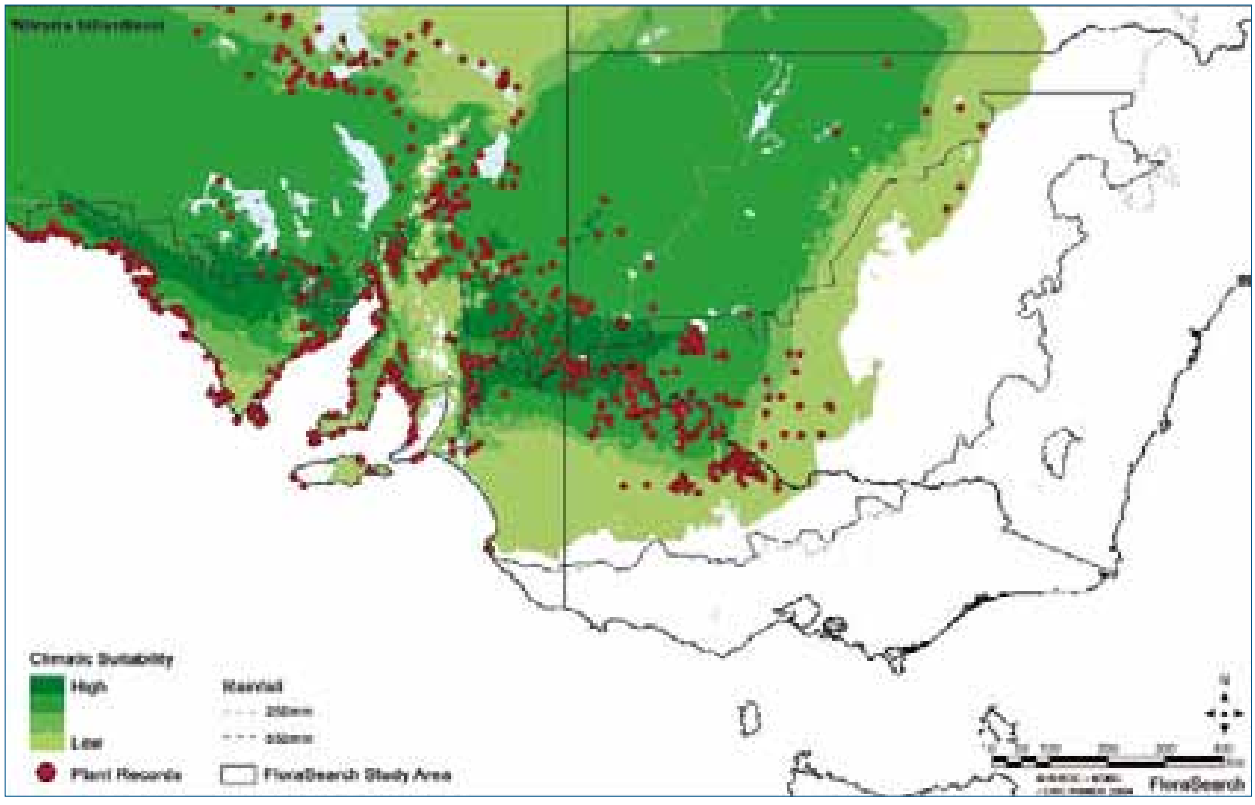
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Zygophyllaceae | *Nitraria billardierei*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	3	105	494	119	14	6	1	339	27	128	79	166

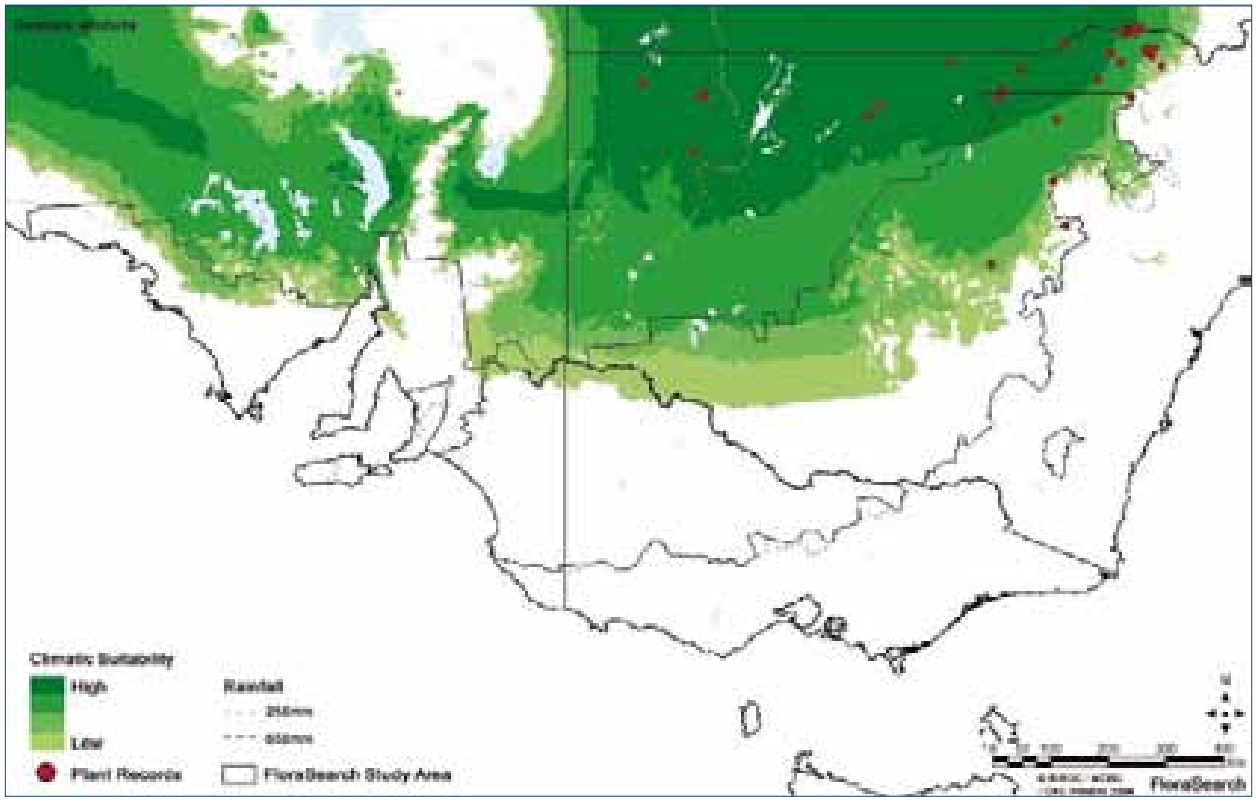
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.13							18.5	81.3	12	M

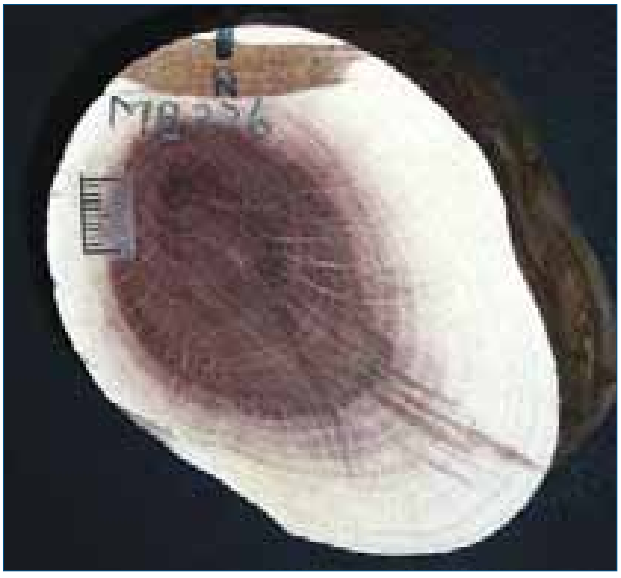


Meliaceae	*Owenia acidula*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
12	8			5	7	16	5				14	19

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
2.56	801	1.68	<40	11.6	4.6		13.8	55.8	7.9	H

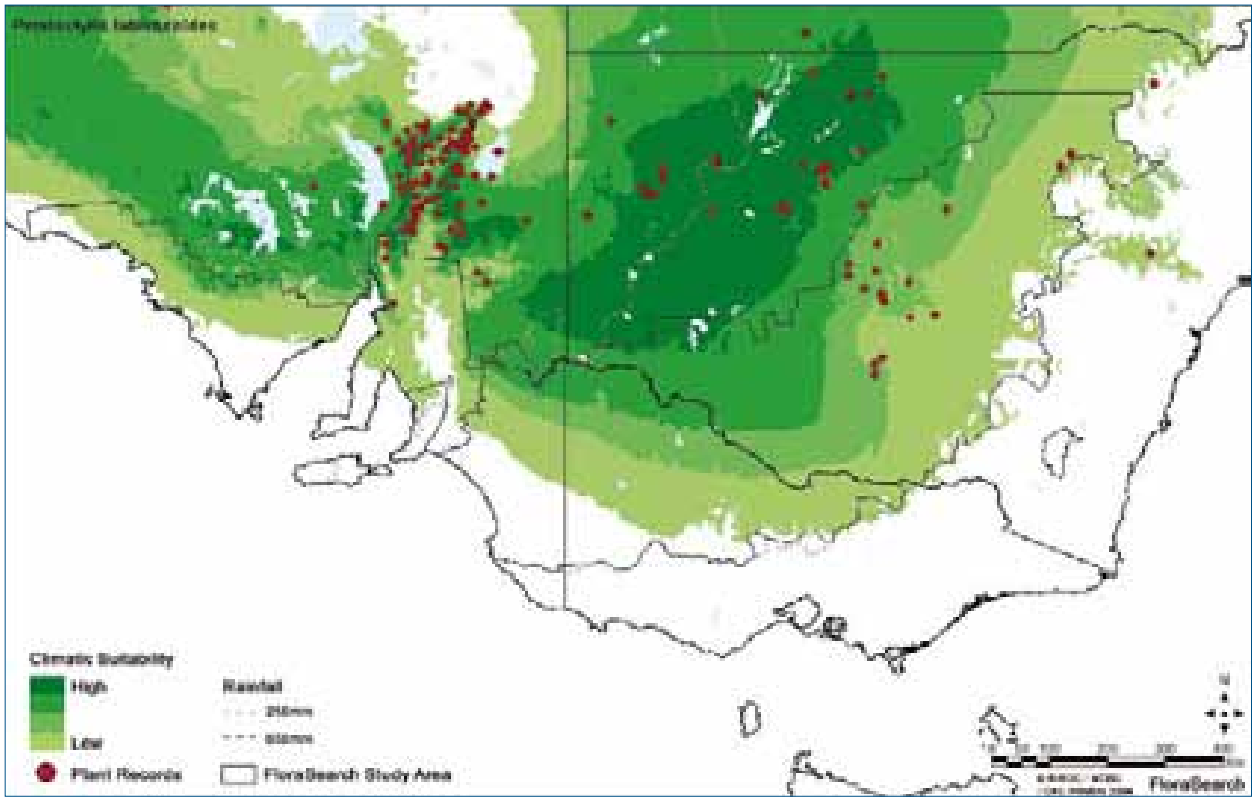




Fabaceae	*Petalostylis labicheoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	3	27	38	45	9	14	3	22	19	34	48	13

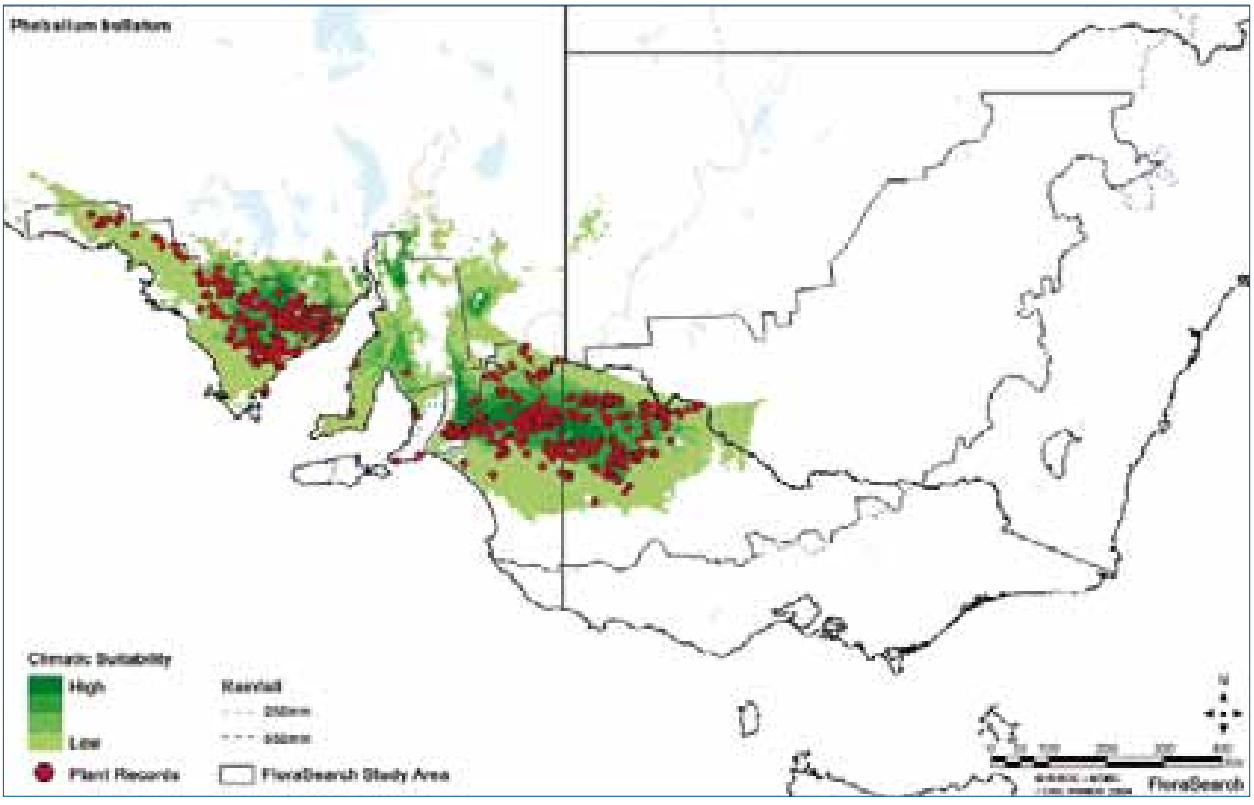
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.44	639	0.72		7.7	5.6		19.5	74	10.8	N



Rutaceae	*Phebalium bullatum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5	21	658	182	2	1	1	764	69	21	8	3

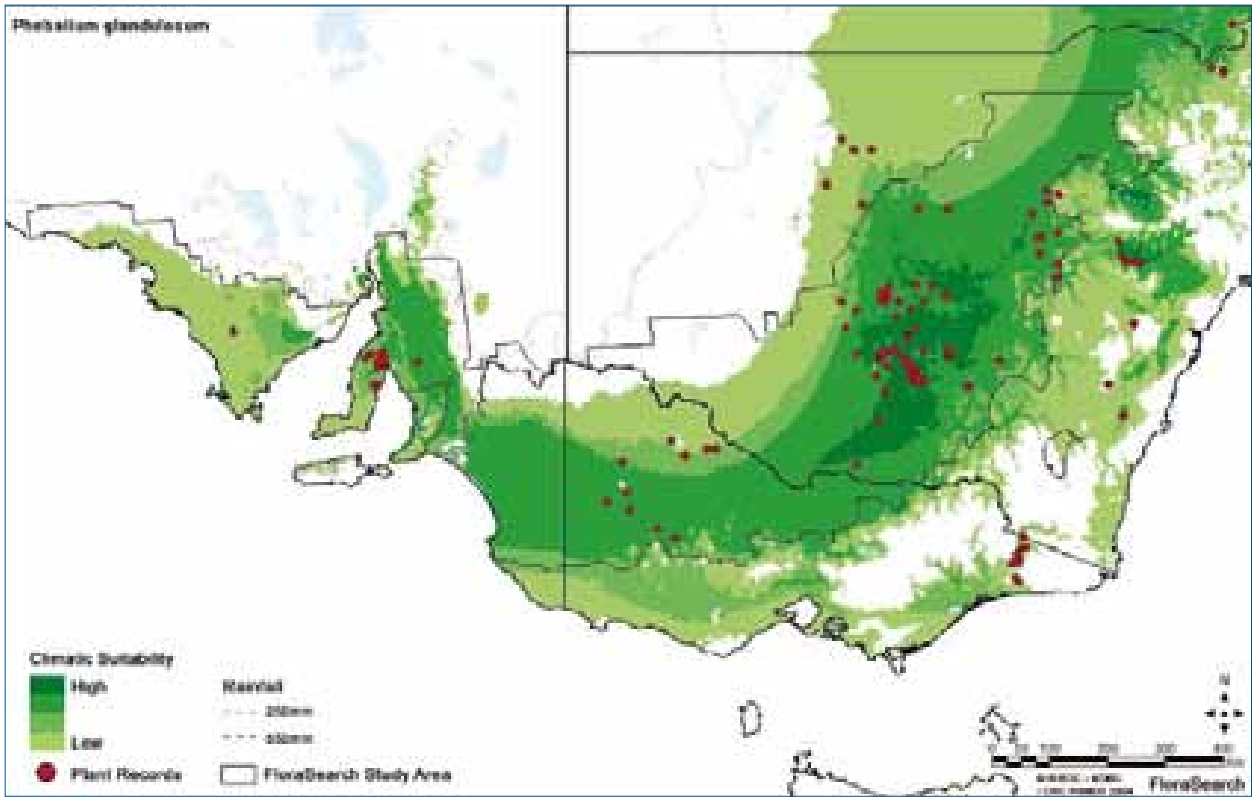
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Phebalium glandulosum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2.5	2		17	66	21	34	33	26	18	35	80	12

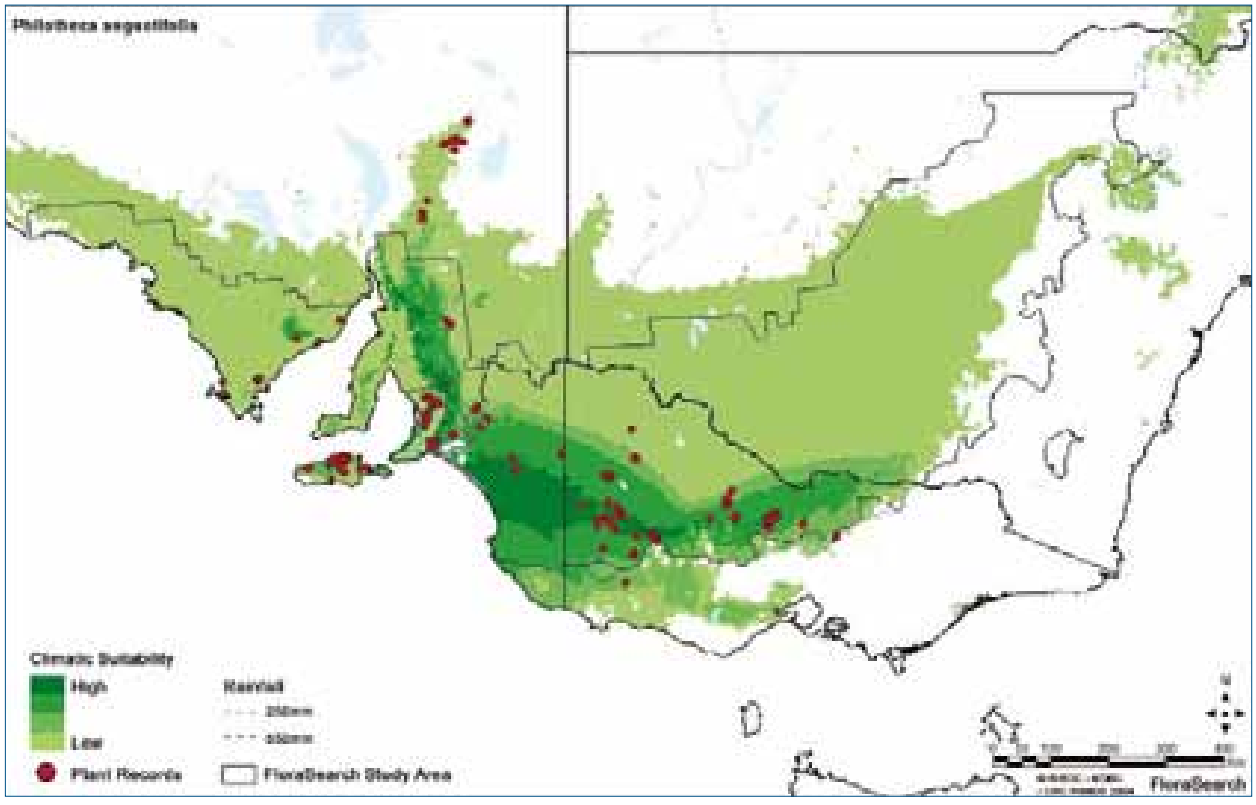
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca angustifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5		17	33	80	32	35	63	111	8	5	10

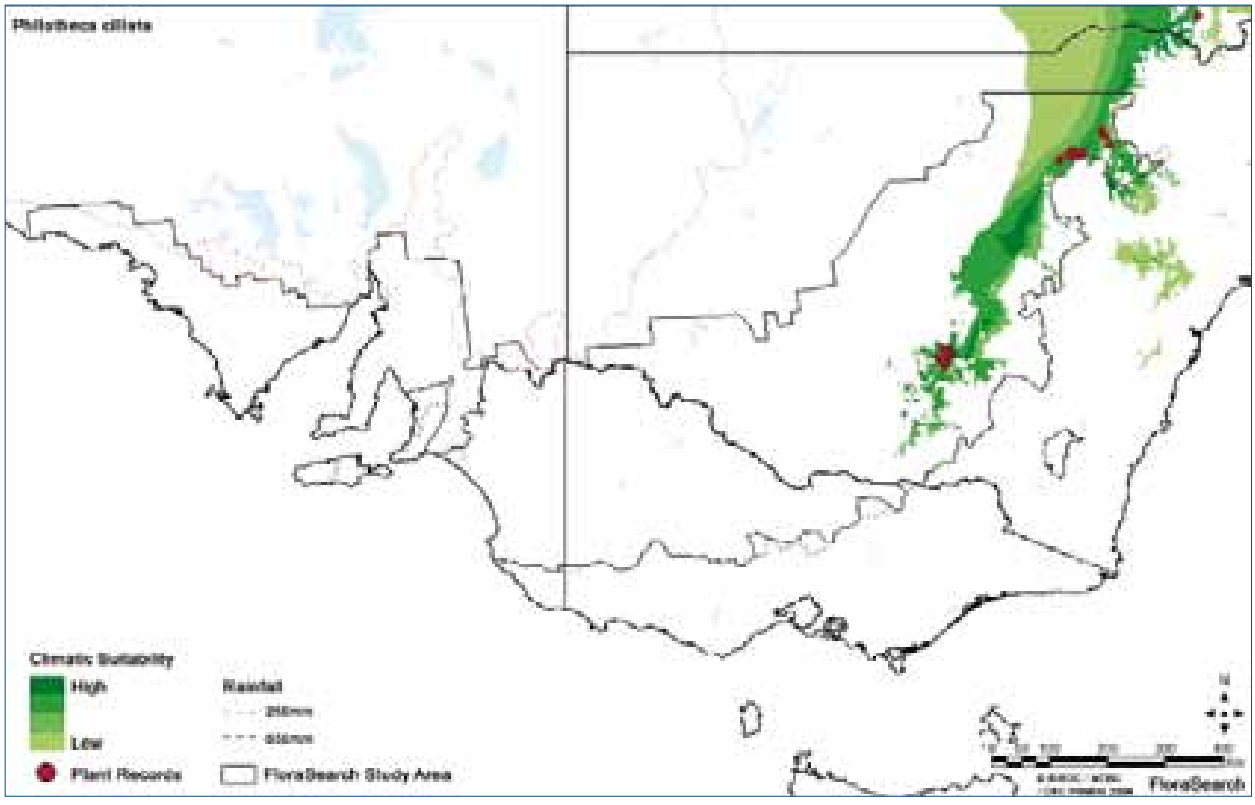
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca ciliata*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5	1			17	18	5	5	10	9	14	3

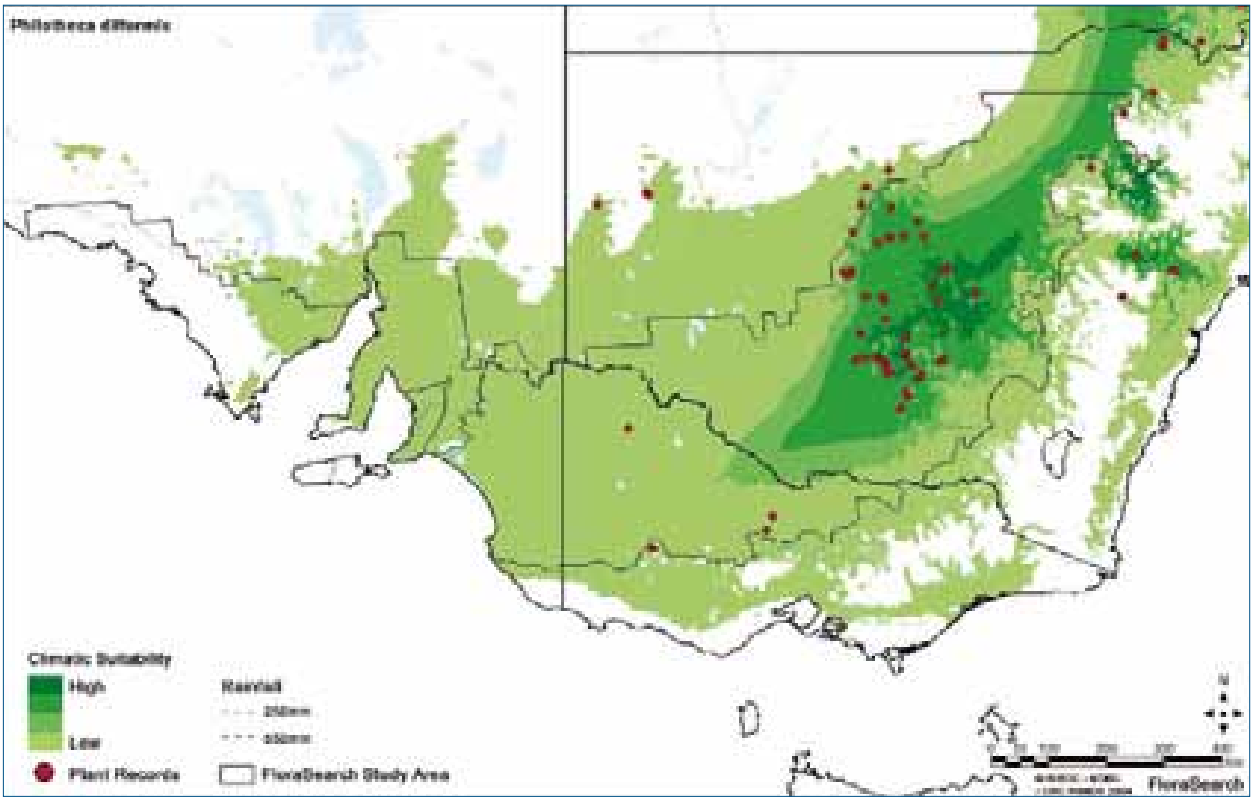
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca difformis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2		3	48	23	24	45	26	13	32	67	5

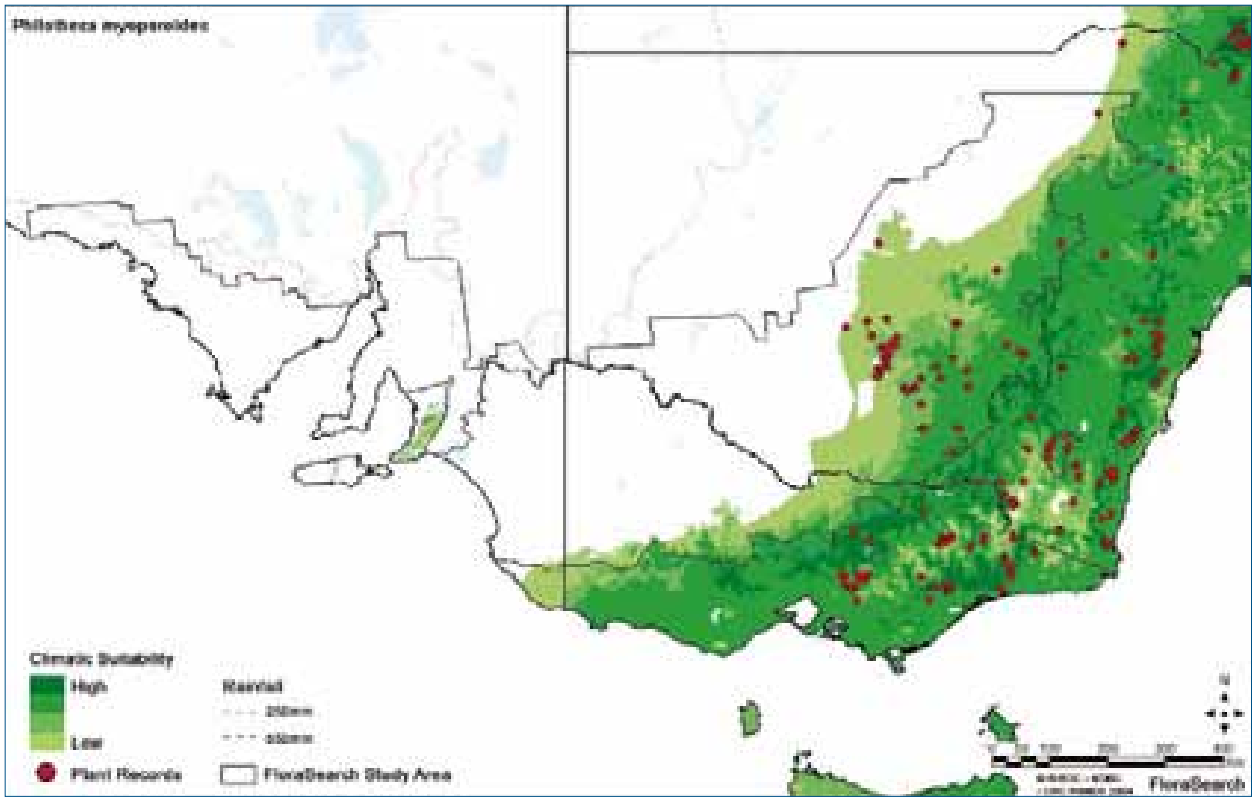
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca myoporoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	3			27	39	15	267	44	67	135	99	3

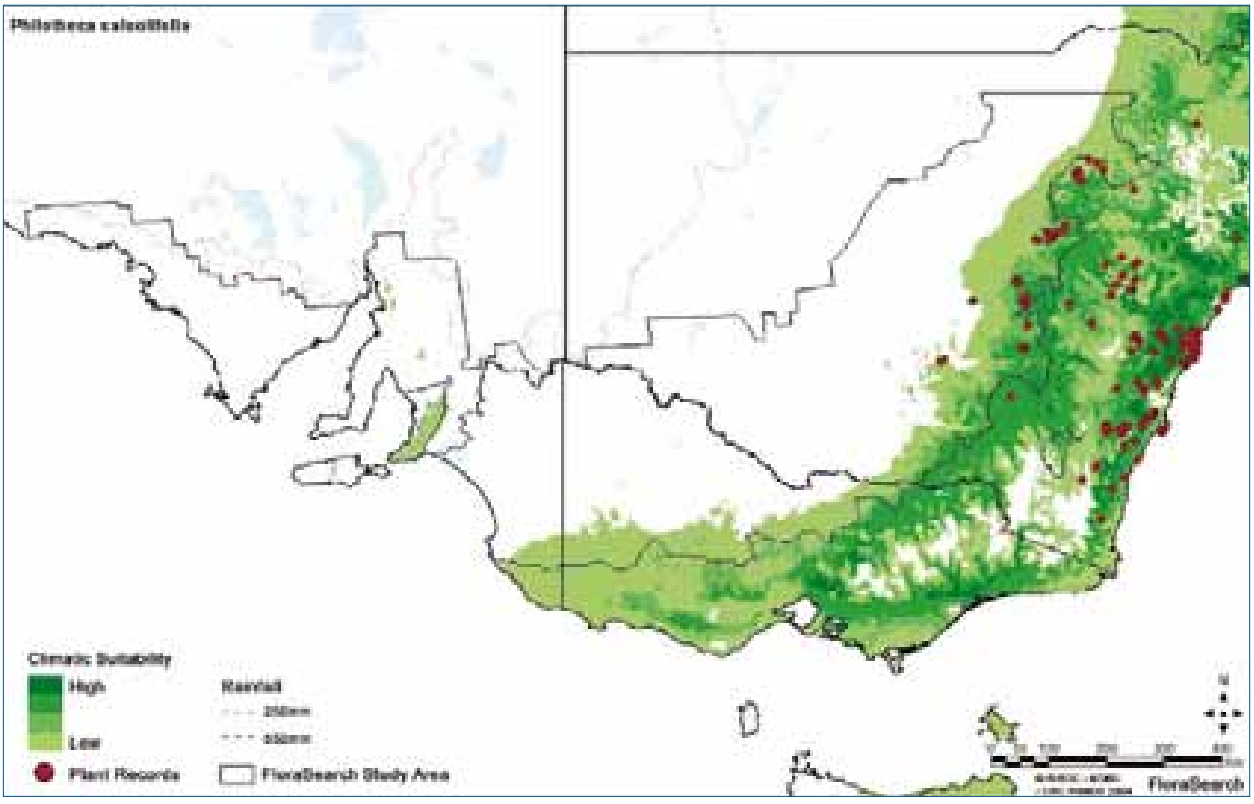
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca salsolifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5				4	32	198	71	62	78	22	1

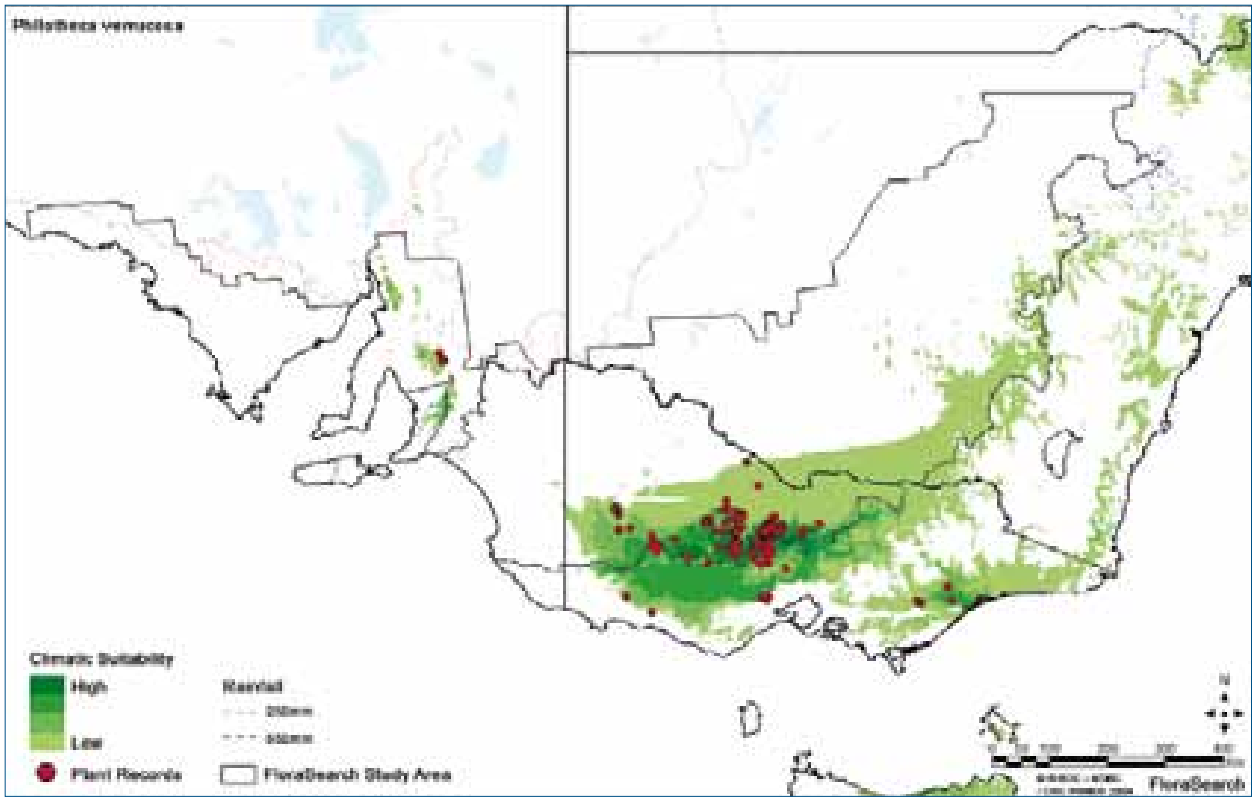
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Philotheca verrucosa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	3			31	131	77	55	53	79	138	18	6

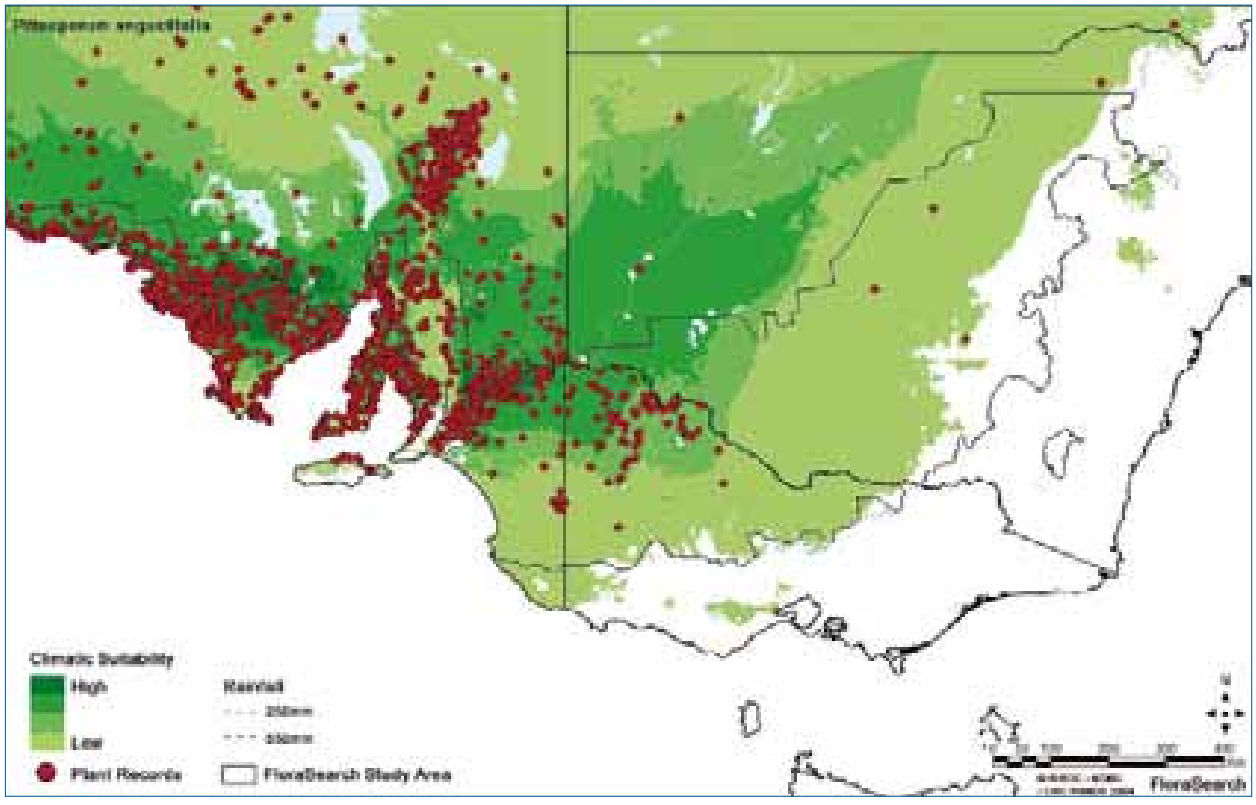
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Pittosporaceae | *Pittosporum angustifolium*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
15	6	19	400	347	168	50	26	233	72	168	326	211

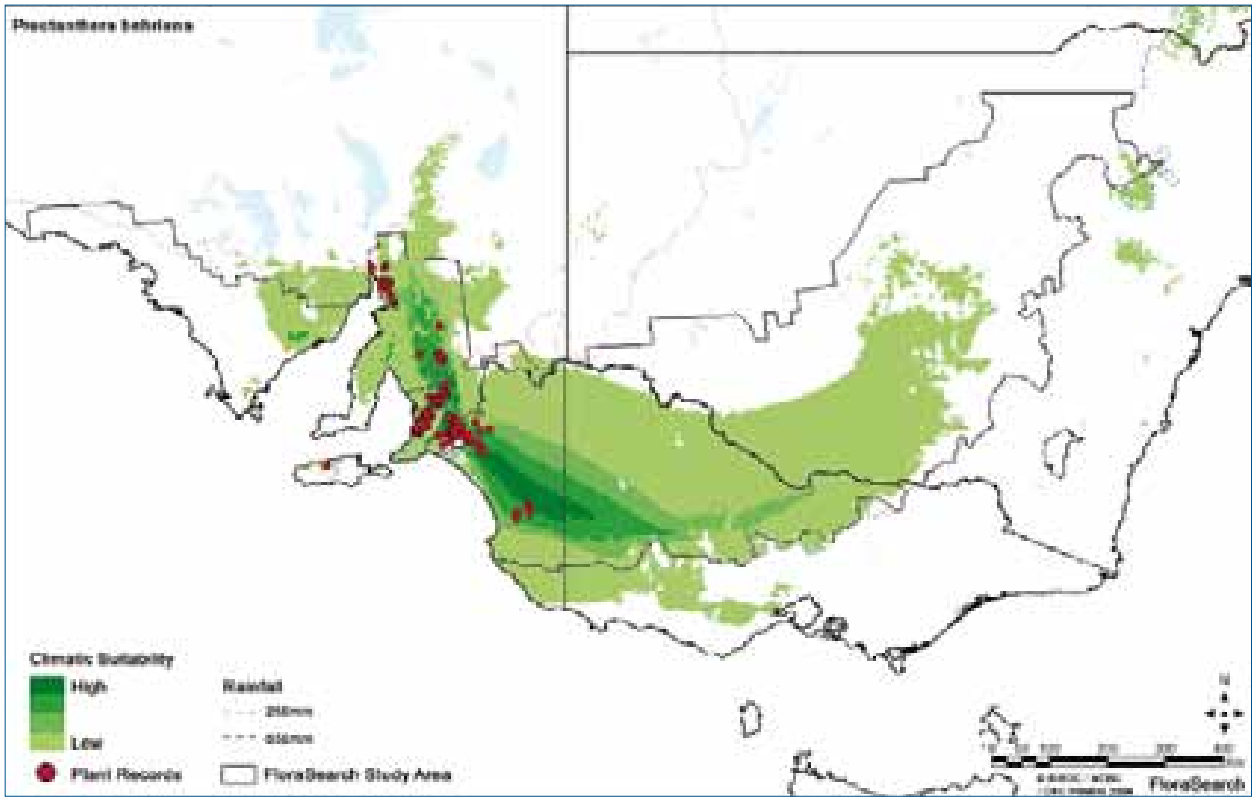
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
2.42	871 w	1.65	<36 w	16.9	5.2					



Lamiaceae	*Prostanthera behriana*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2.5	2.5	2	12	85	67	90	65	108	158	28	25	2

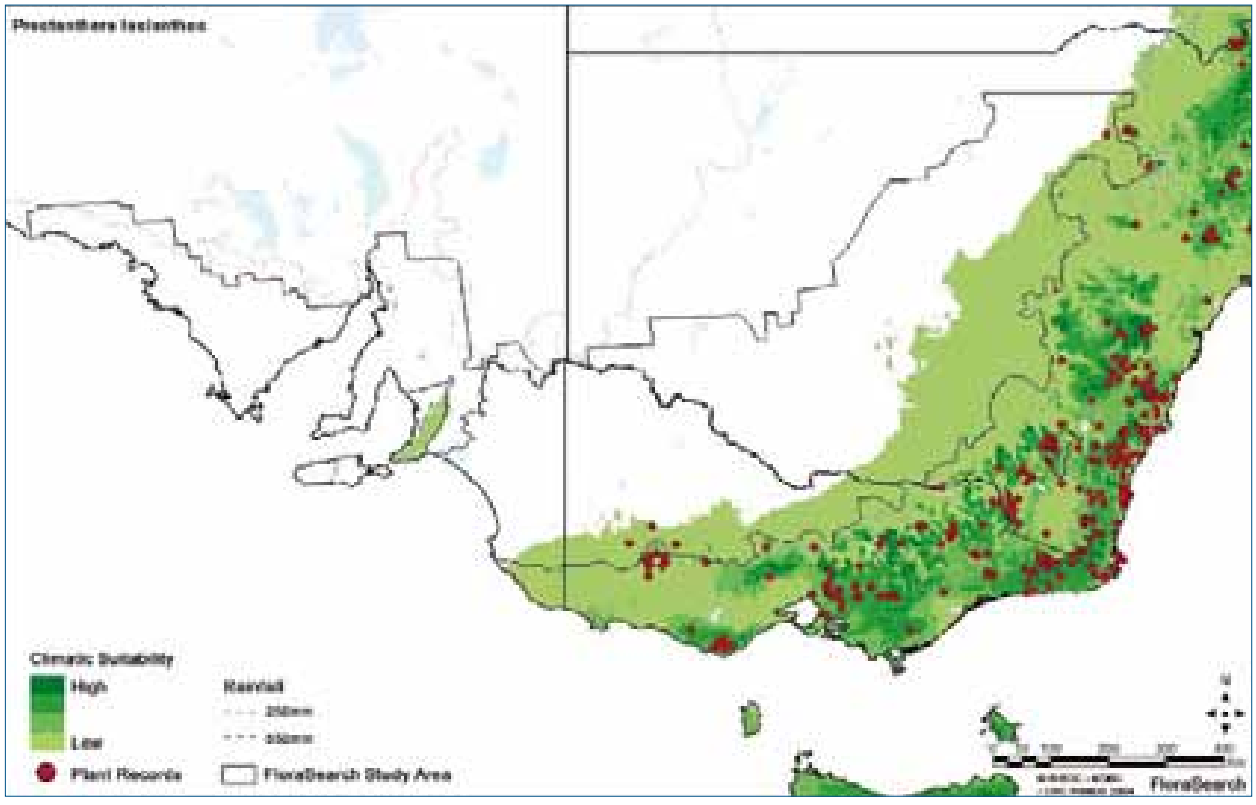
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera lasianthos*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
6	3			1	5	12	802	124	87	226	379	4

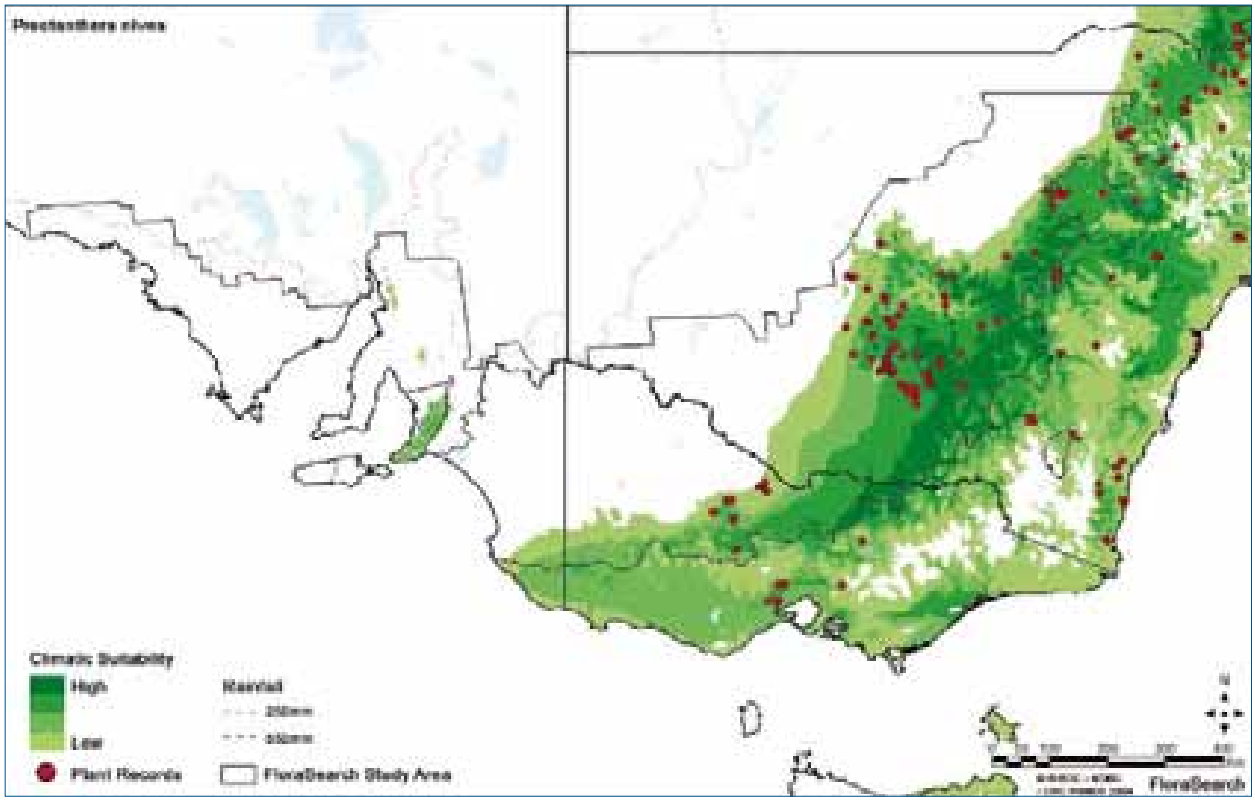
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera nivea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	1			55	64	22	99	27	18	127	64	4

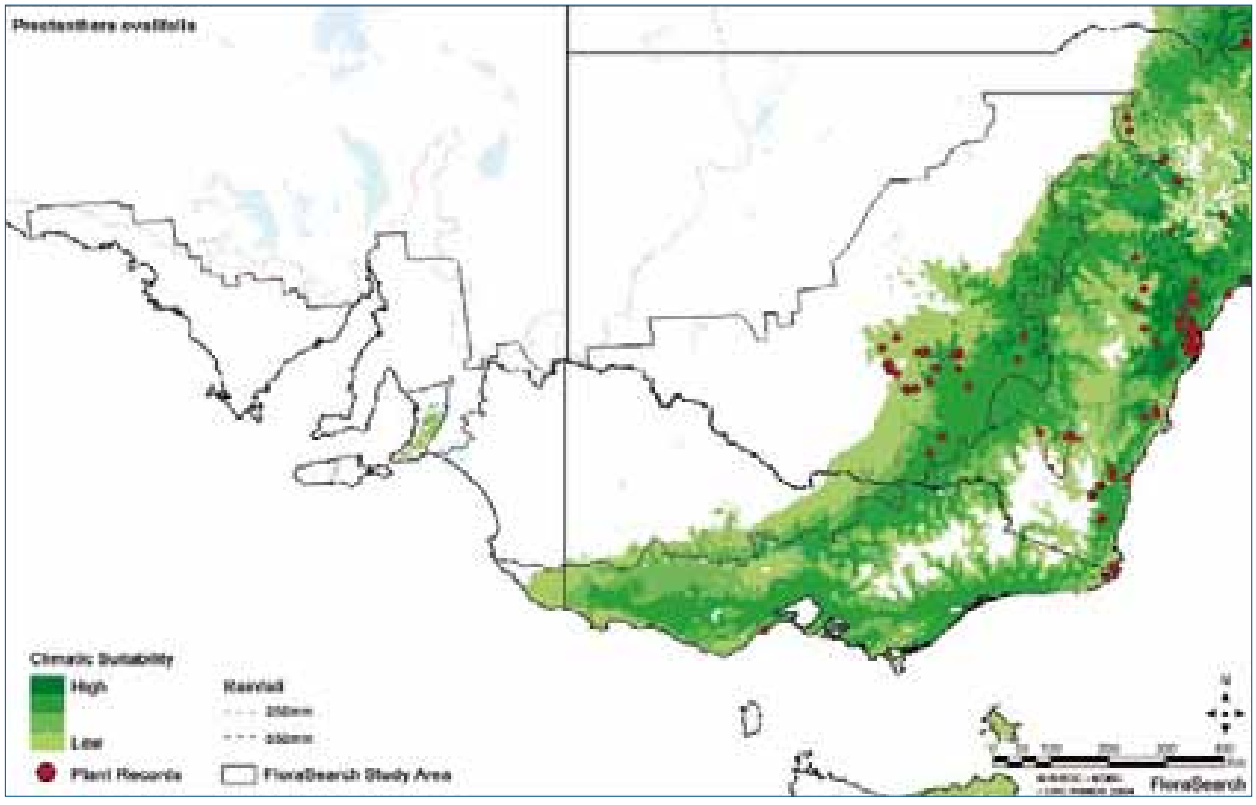
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera ovalifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	2			5	53	16	129	25	29	104	45	

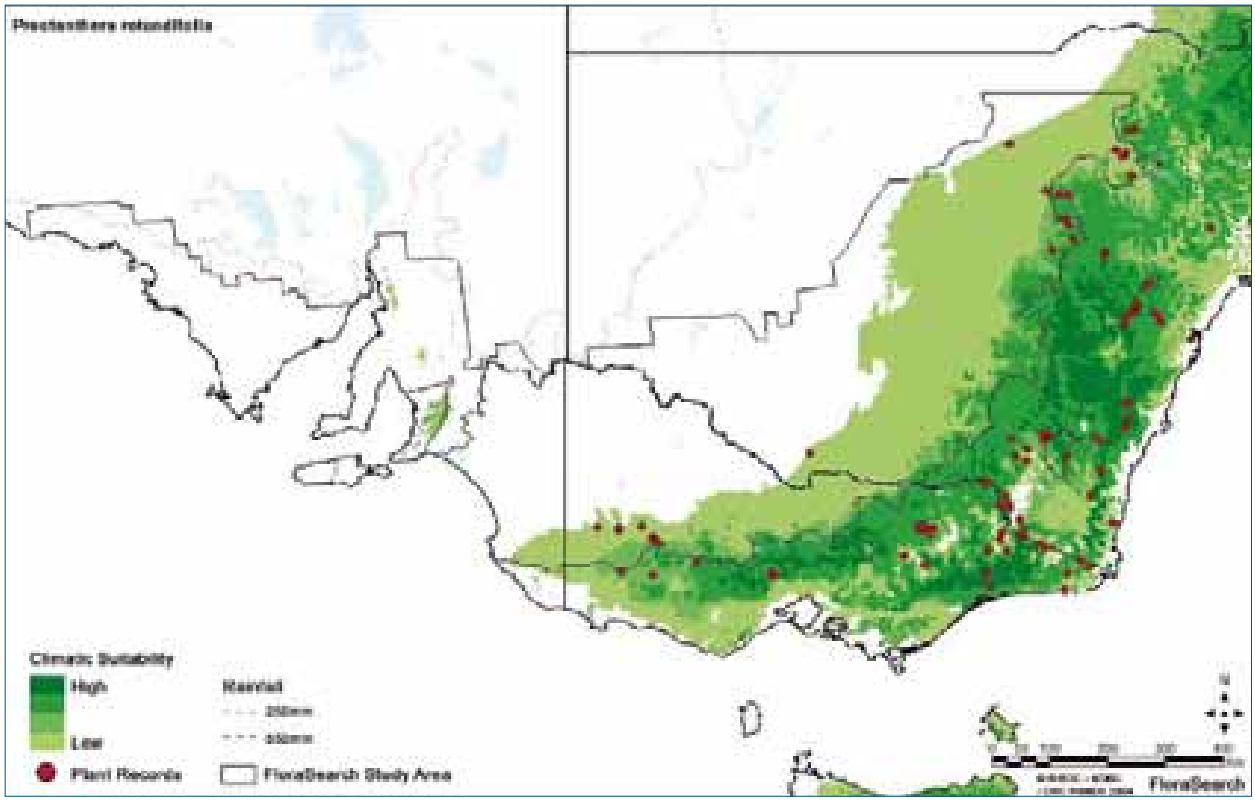
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera rotundifolia*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	1.5			14	2	27	118	29	12	62	50	8

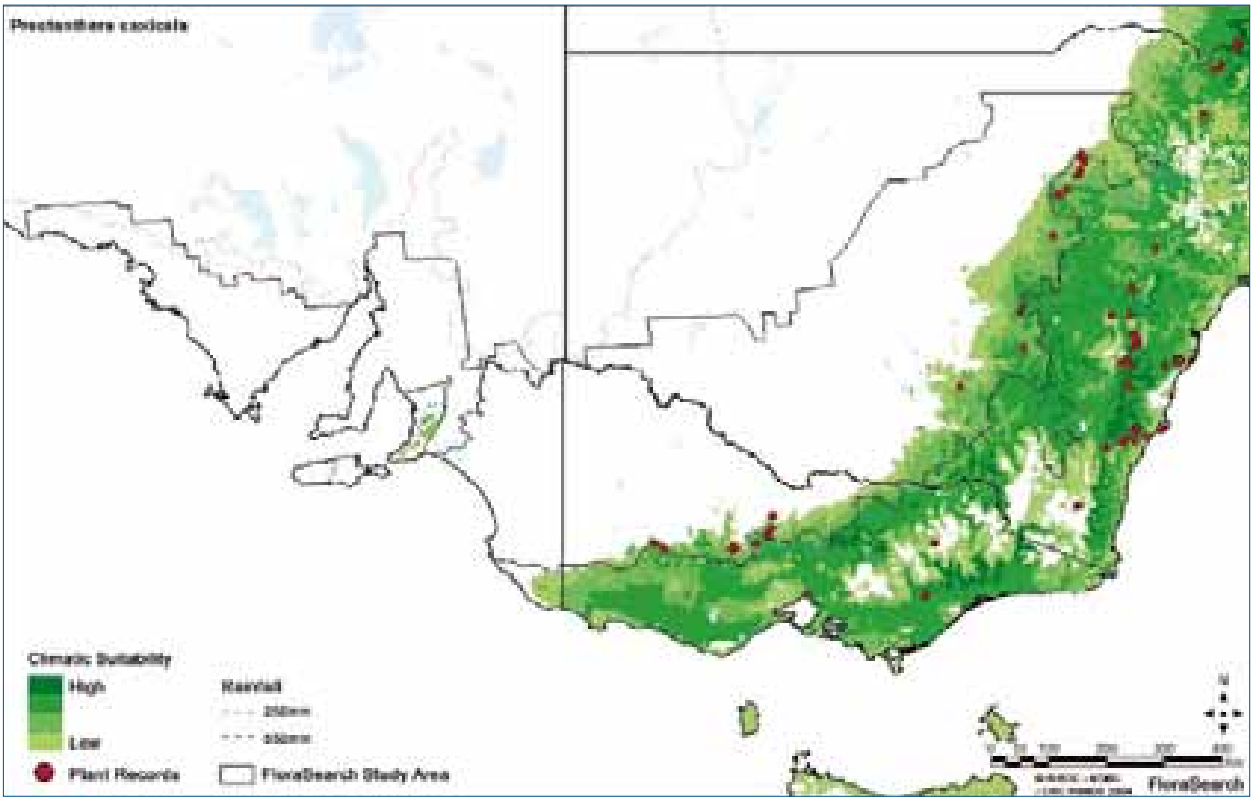
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera saxicola*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1		1	1	7	10	76	10	29	38	18	

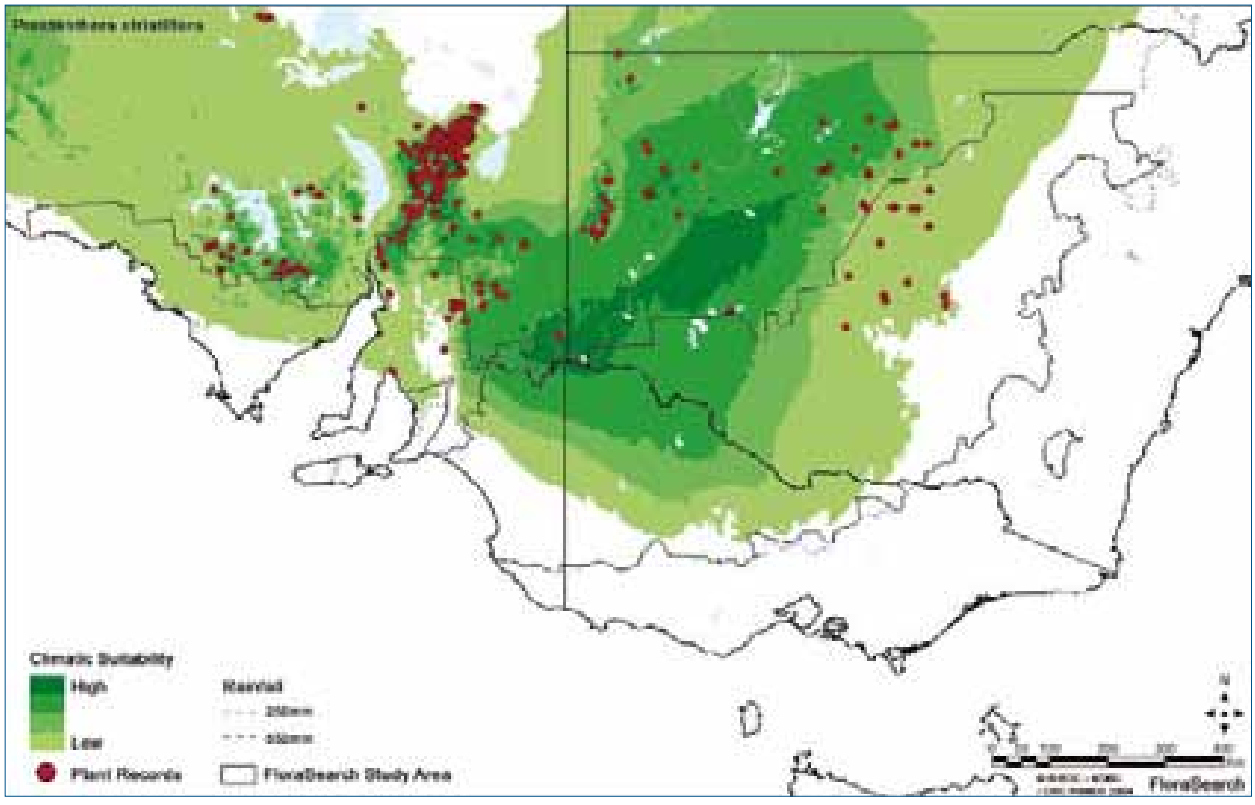
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Prostanthera striatiflora*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1.5	45	64	42	13			31	13	55	59	6

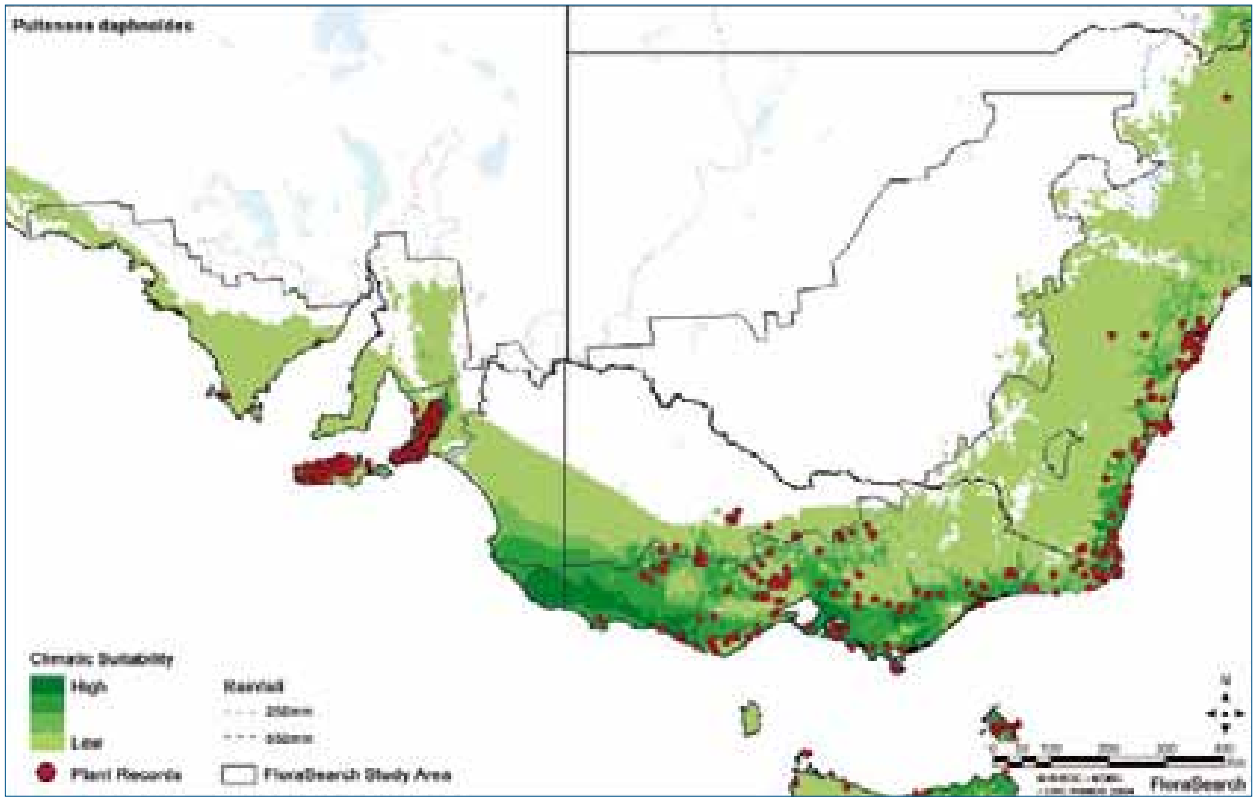
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Fabaceae	*Pultenaea daphnoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	1.5		1	5	20	75	1144	151	628	348	118	

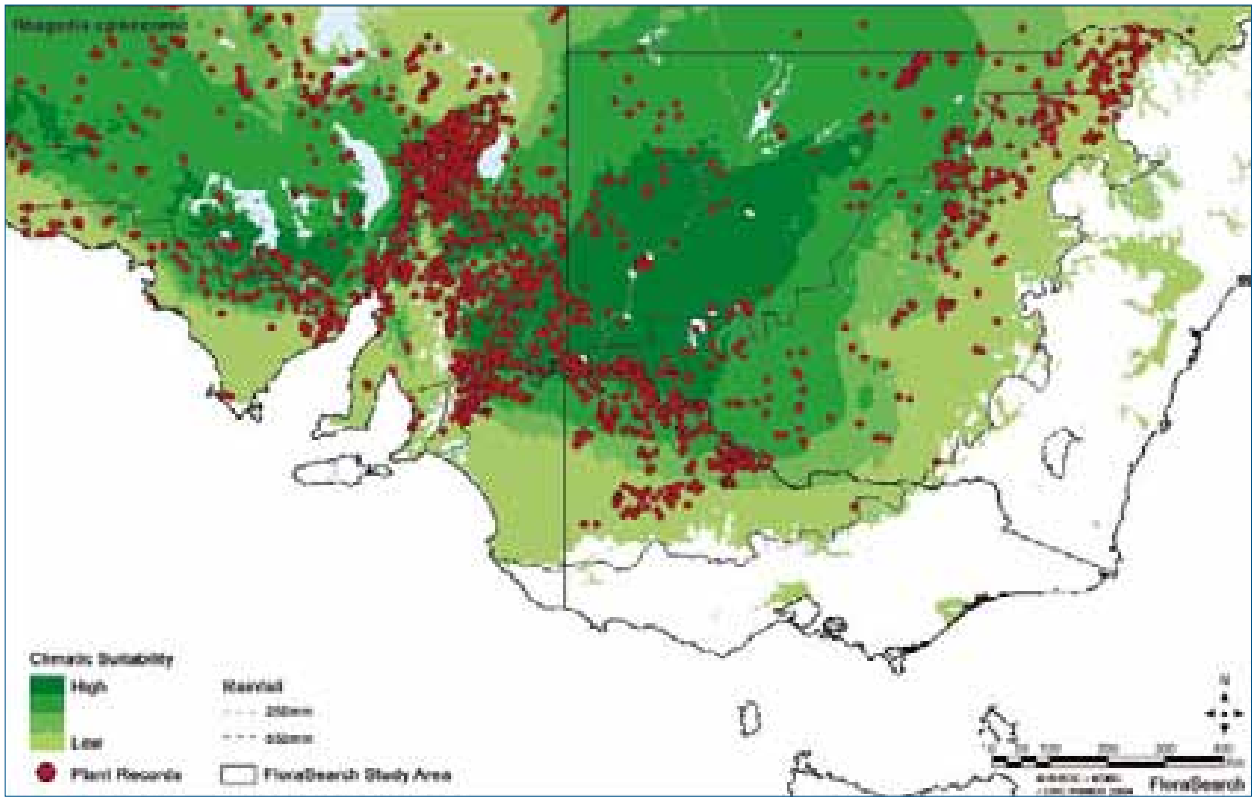
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Chenopodiaceae | *Rhagodia spinescens*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	Max. Wh	<250	250-350	350-450	450-550	550-650	>650	Sand	S. Loam	Loam	C. Loam	Clay
1.5	1	403	1032	291	141	89	6	482	71	520	344	545

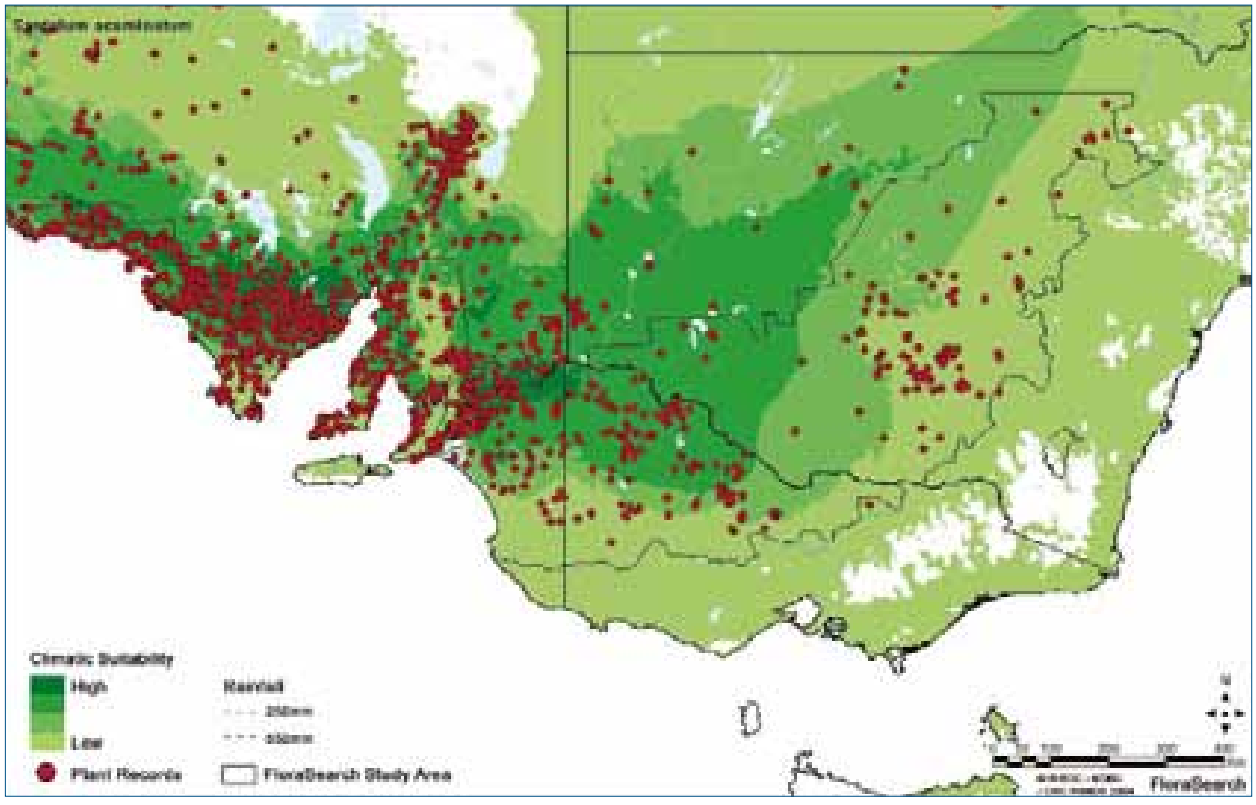
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	Basic density [kg/m³]	Woodchip production [bdt/ha/yr @ 500mm]	Pulp yield [%dm @ Kappa 18]	Water solubles [%dm]	pH	Oil yield [%dm]	Crude protein [%dm]	Digest ibility [%dm]	Metabo-lisable energy [MJ/kg dm]	Palat-ability [High, Med, Low, Not]
							20.8	67	9.7	M



Santalaceae	*Santalum acuminatum*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
5	4	210	789	403	191	50	16	1064	159	256	133	47

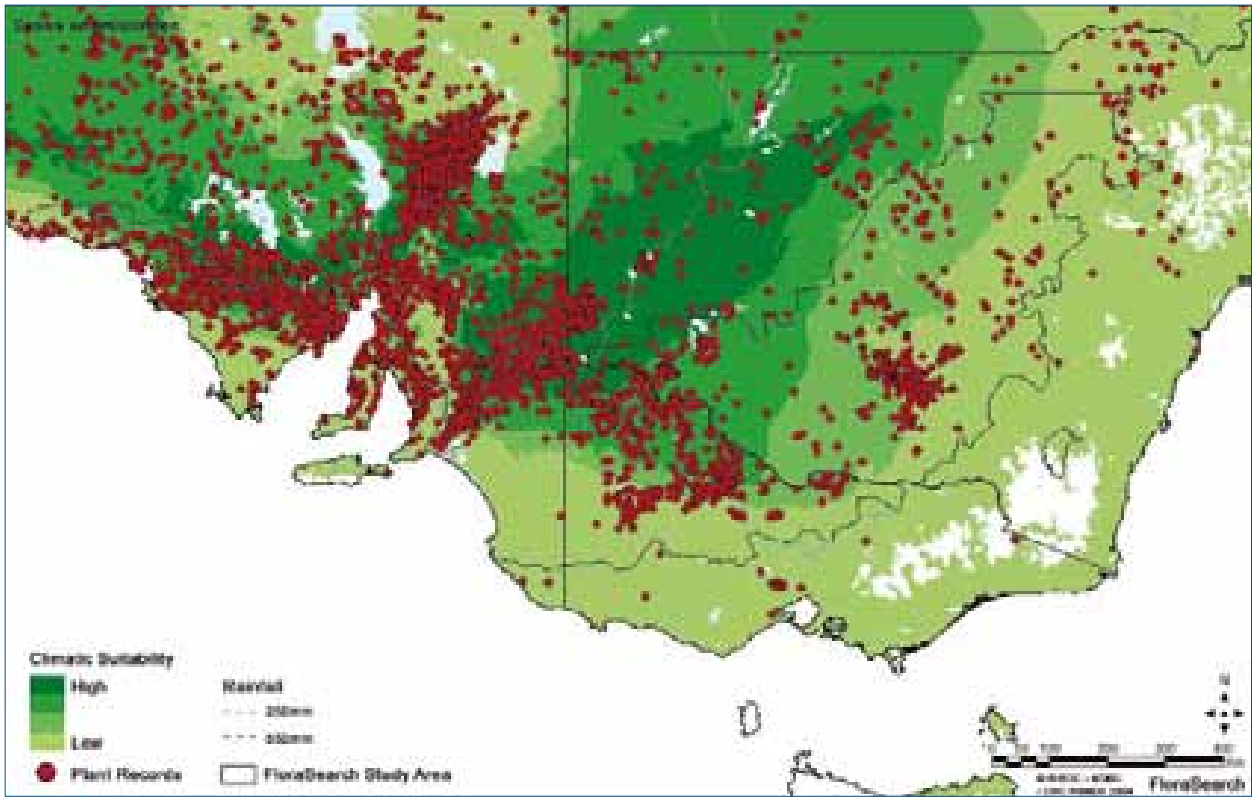
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.63	630 i	0.8					5.4	82.3	12.1	H



Fabaceae	*Senna artemisioides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2	1489	2645	1134	358	91	73	2637	470	1257	999	427

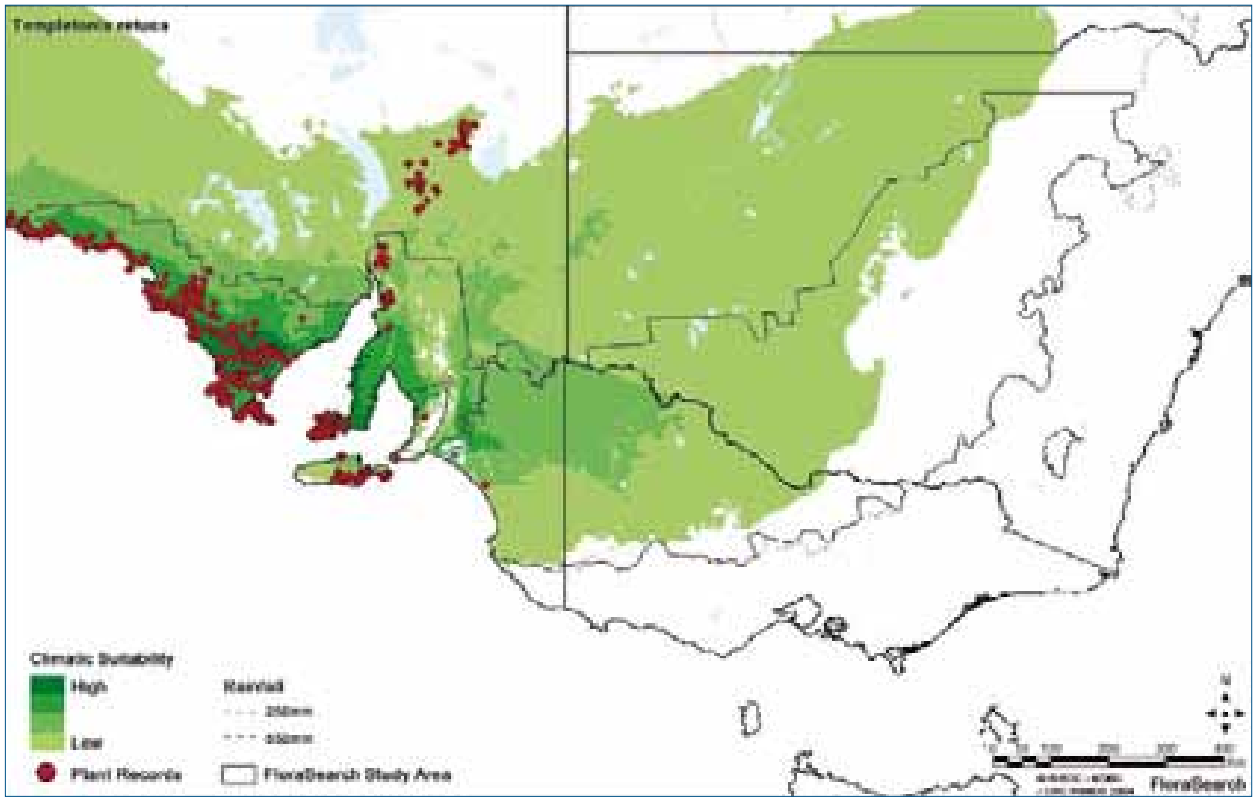
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
0.68							10.6	64.3	9.3	M



Fabaceae	*Templetonia retusa*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
3	2	3	141	174	206	17	25	353	194	15	4	

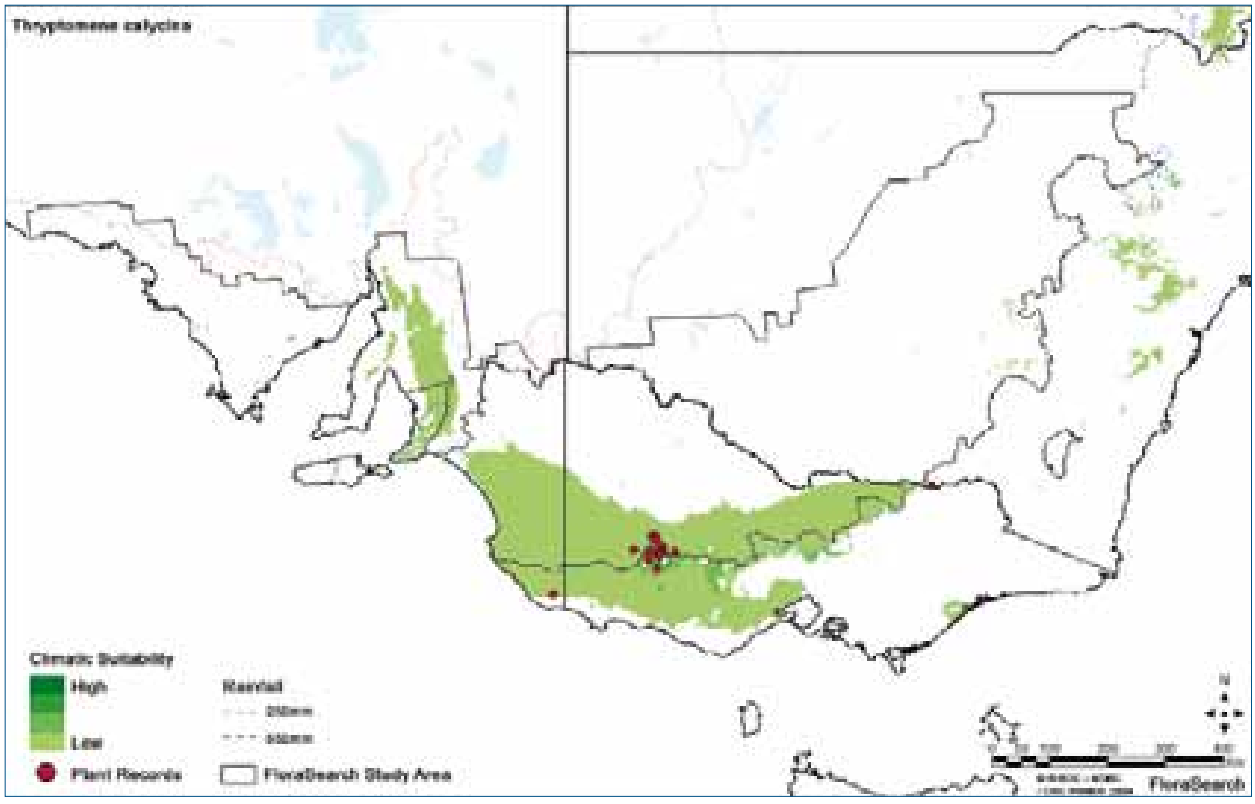
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
1.38							12.6	59.8	8.5	-



Myrtaceae	*Thryptomene calycina*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2			1	9	1	37	42	3	2	1	

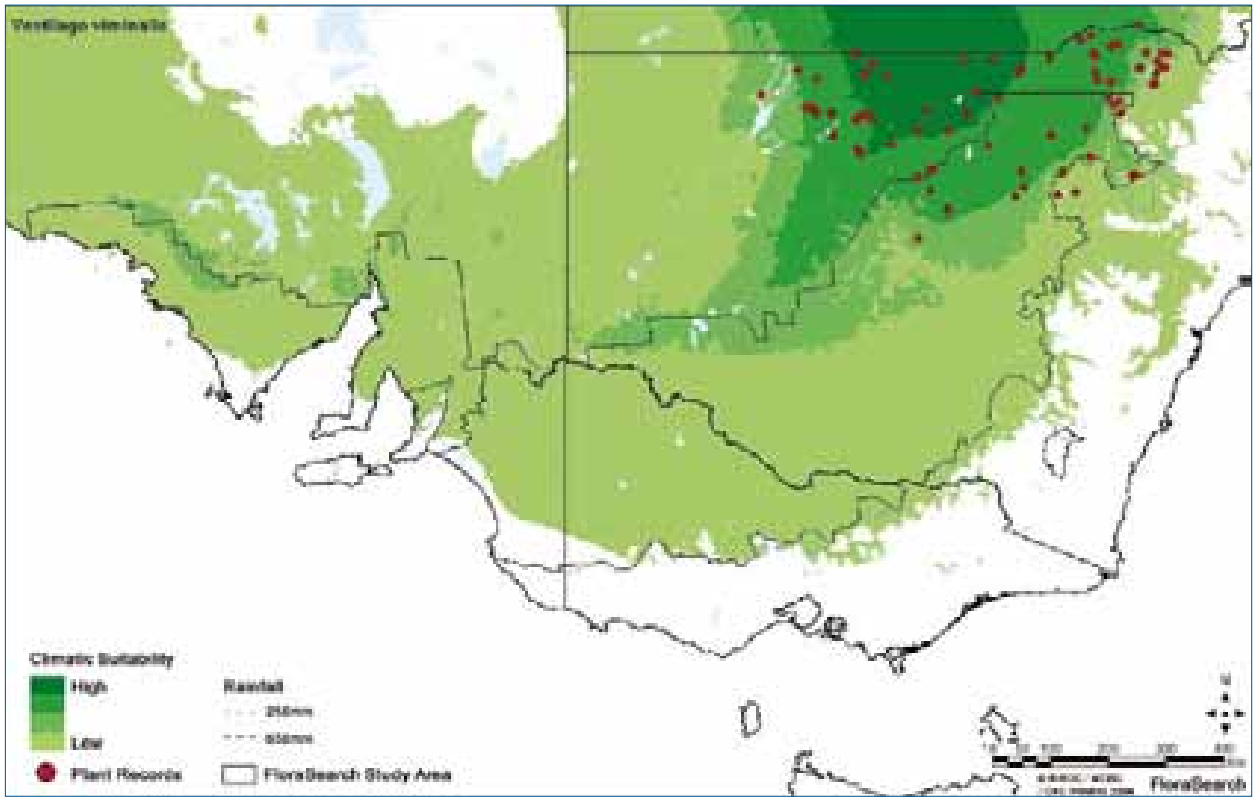
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rhamnaceae	*Ventilago viminalis*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
10	10		15	32	22	50	27	9	4	3	68	62

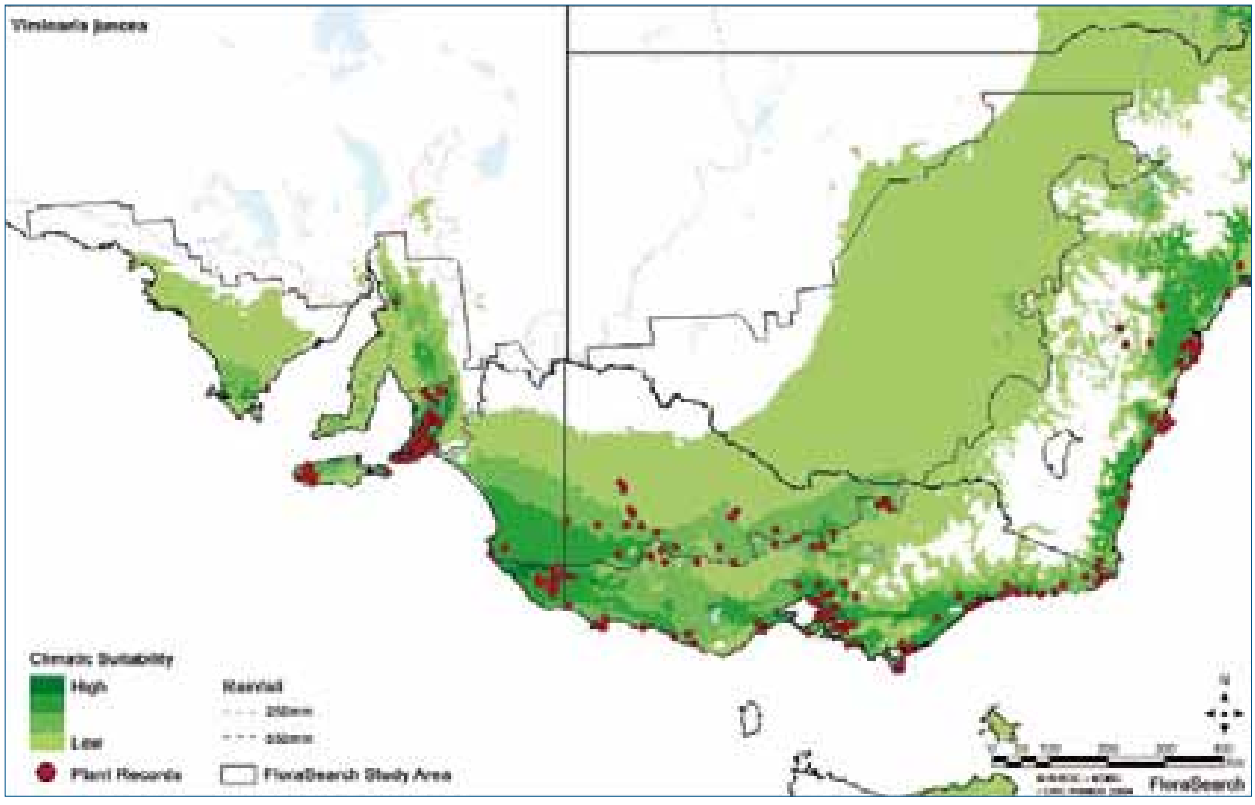
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
6.9	843	4.87	<39	10	5.6		13.3	61.1	8.7	H



Fabaceae	*Viminaria juncea*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
4	2		4	18	20	41	310	189	67	96	35	6

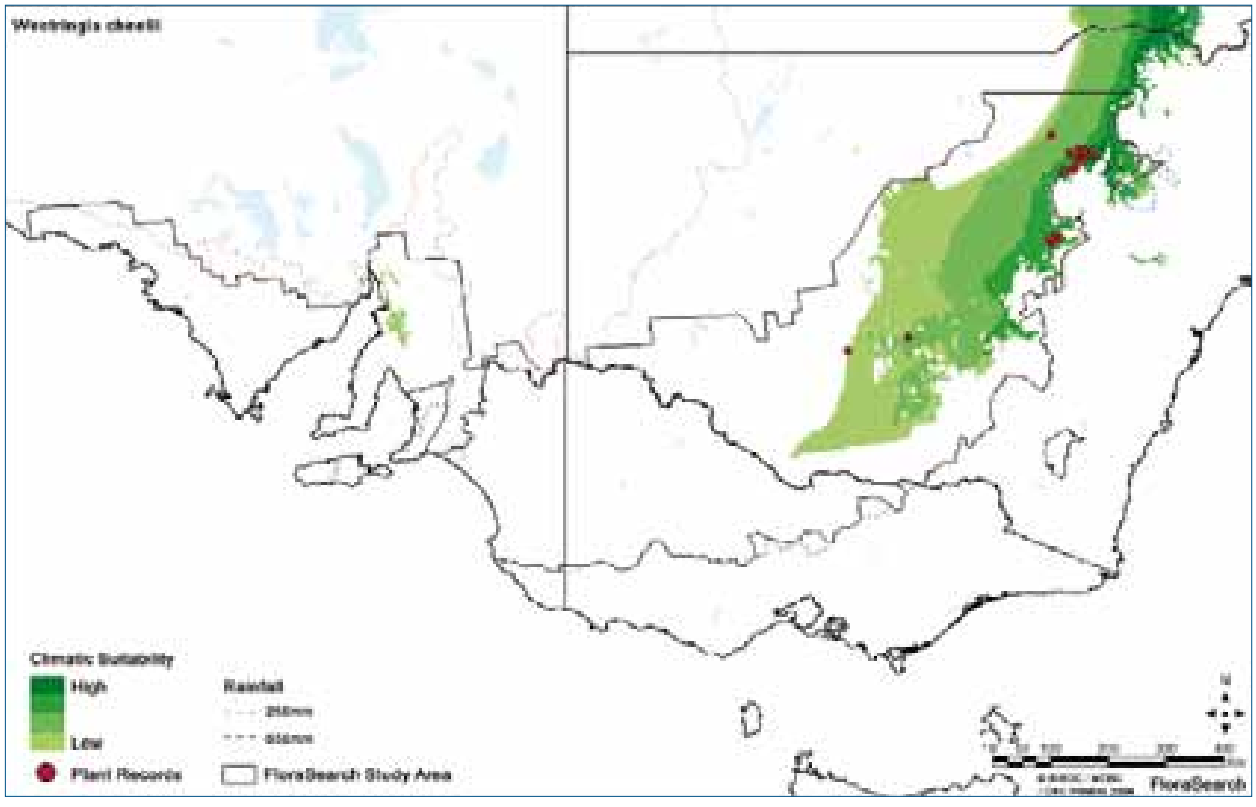
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]
	478 w		44.7	9.4	4.6					



Lamiaceae	*Westringia cheelii*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	2			2	2	32	15	7	22		18	4

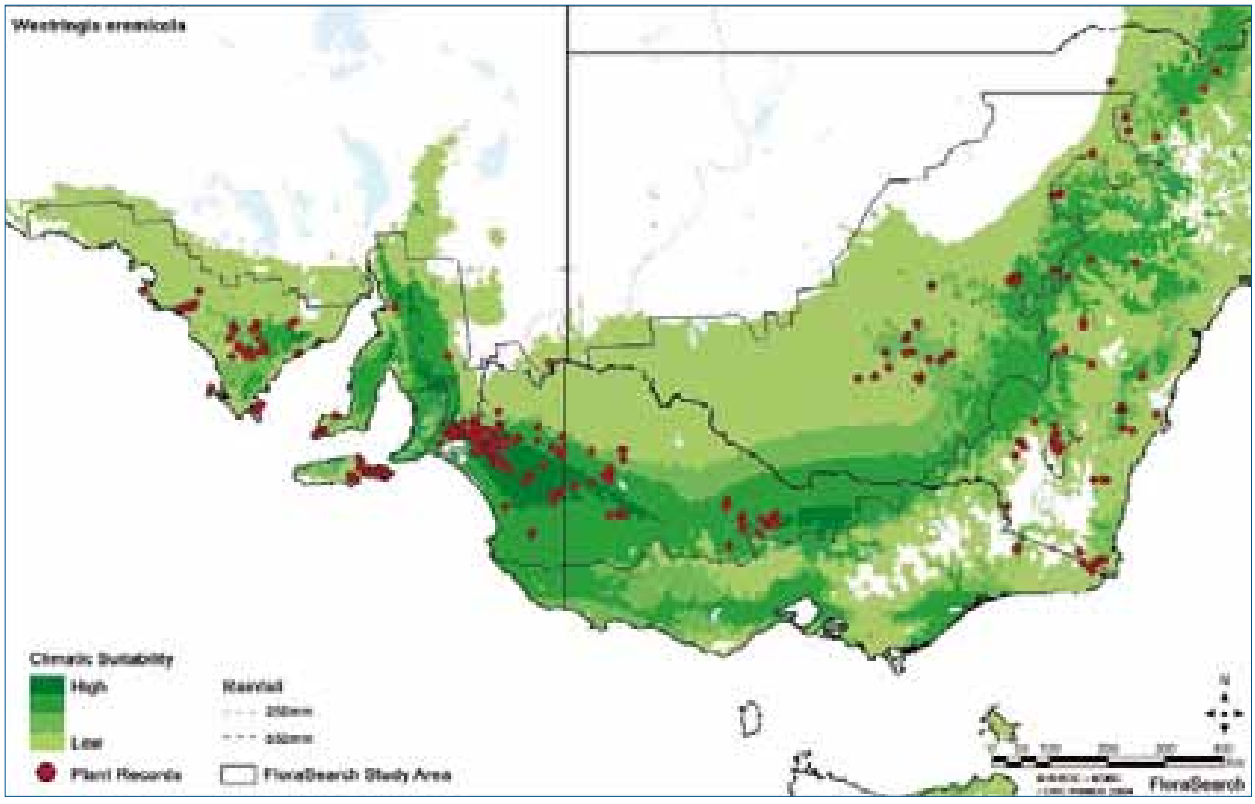
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Lamiaceae	*Westringia eremicola*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
1.5	1.5		73	157	83	20	101	201	94	85	47	7

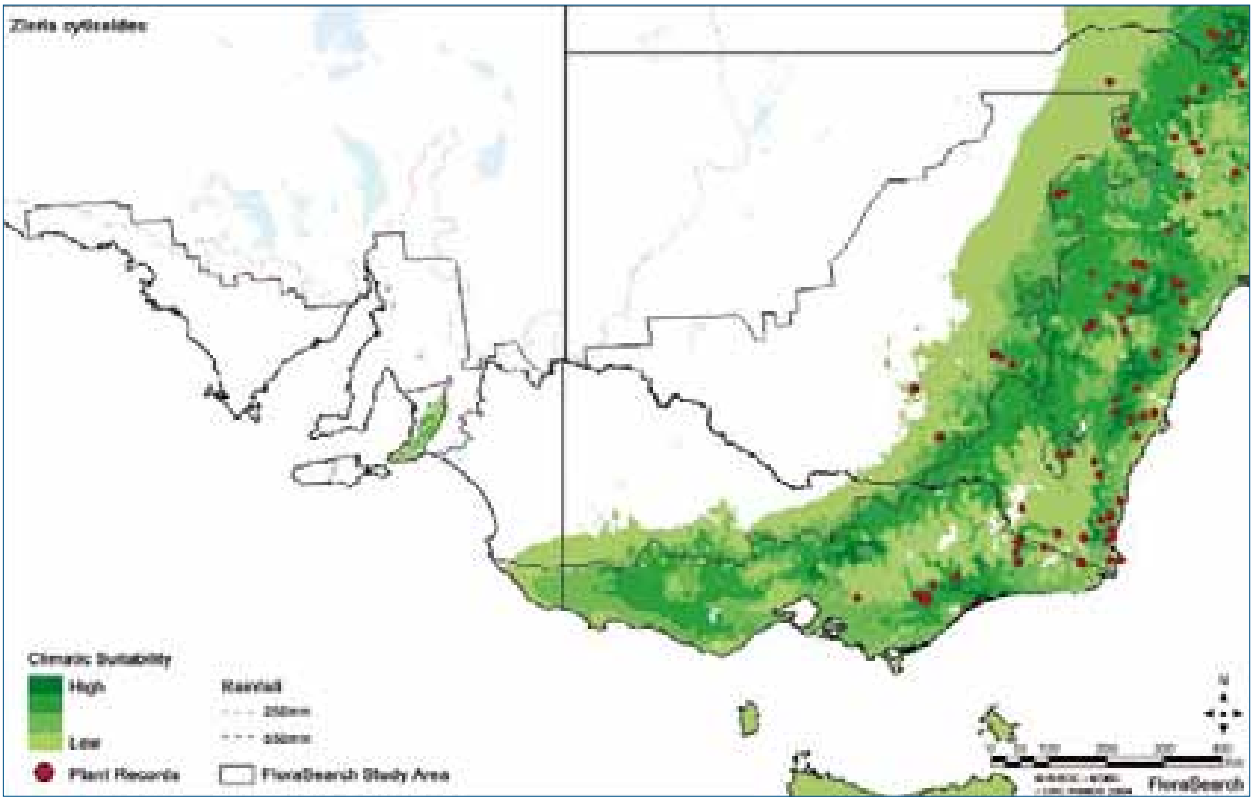
Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



Rutaceae	*Zieria cytisoides*

Growth Form [m]		Annual Rainfall [mm] – No. of Records						Surface Soil Texture – No. of Records				
Max. Ht	**Max. Wh**	**<250**	**250-350**	**350-450**	**450-550**	**550-650**	**>650**	**Sand**	**S. Loam**	**Loam**	**C. Loam**	**Clay**
2	1				15	41	142	34	44	78	41	1

Productivity			Pulp and Fibres			Oils	Fodder			
Stemwood production [m³/ha/yr @500mm]	**Basic density** [kg/m³]	**Woodchip production** [bdt/ha/yr @ 500mm]	**Pulp yield** [%dm @ Kappa 18]	**Water solubles** [%dm]	**pH**	**Oil yield** [%dm]	**Crude protein** [%dm]	**Digest ibility** [%dm]	**Metabo-lisable energy** [MJ/kg dm]	**Palat-ability** [High, Med, Low, Not]



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